DESIGNATED AIRSPACE HANDBOOK

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IMPORTANT NOTICE

The information in this publication may be superseded by NOTAM.
Consult NOTAM for latest information.

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WGS84

The Horizontal Datum used in this document is the World Geodetic Datum 1984 (WGS84). The Vertical Datum is the Australian Height Datum (AHD).

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INTRODUCTION

1. **PURPOSE**

Designated Airspace Handbook is a publication issued on an alternating approximate 24/28 week cycle. The DAH lists, in tabular form, the lateral and vertical limits and other pertinent details of the airspace types listed in the table of contents.

Further information is contained in *AIP* and *MATS Chapter 2-4*. The boundaries of Search and Rescue Areas can be found in *AIP GEN 3.6*.For ATC management purposes further information is contained in MATS Supplementary Procedures or Local Orders/Instructions.

2. **CONDITION FOR RESTRICTED AREAS**

An aircraft may only be flown in the airspace of a restricted area if the pilot in command has approval for the flight from the Controlling Authority mentioned for the restricted area.

3. **NOTAM**

NOTAM are used to disseminate urgent changes to information contained in the DAH. Consult current NOTAM for latest information.

4. **VERTICAL LIMITS / HOURS OF OPERATION**

Except when stated as AGL (above ground level), Lower and Upper vertical limits are promulgated as Above Mean Sea Level when at or below the Transition Altitude or as a flight level when above the Transition Altitude.

SFC means the surface of the ground or water.

NOTAM indicates that the vertical limits will be notified by NOTAM.

The following codes apply for Hours of Operation:

DLY	Daily
EXC PH	Except Public Holidays
FRI	Friday
H24	Continuous day and night service
HDS	Hours of Daylight Saving
HJ	Sunrise to Sunset
HN	Sunset to Sunrise
HO	Service Available to meet Operational Requirements
JF	SAT, SUN and Public Holidays
JO	Monday to Friday (EXC PH)
MON	Monday
OT	Other Times
PH	Public Holidays
SAT	Saturday
SUN	Sunday
THU	Thursday
TUE	Tuesday
WED	Wednesday
Z	Universal Coordinated Time

Hours of operation referring to public holidays refers only to National holidays as listed at *AIP GEN 2.1 para 4.1*. Any other holidays affecting activation will be specified by NOTAM.

5. Airspace descriptions will be preceded by a FIR identifier. These identifiers are as follows:
Brisbane YBBB
Melbourne YMMM

6. To reduce clutter, the following areas are not shown on Airservices charts because of:

a) infrequent activation, or low level Oceanic area.
b) the areas are wholly contained within Controlled Airspace.
YBBB/R 725 - SAUMAREZ REEF

7. Under each FIR a restricted area number has been reserved for Air Defence Identification Zones (ADIZ) purposes. Procedures relating to the introduction of these Zones are contained in Flight Information Handbook Australia (FIHA).

8. Control areas are normally active continuously, but areas depicted may cease to be operative in certain circumstances. Areas identified by the word NOTAM may be activated or additional areas may be established to meet temporary requirements. These changes will be advised by NOTAM or specified on radio navigation charts, but pilots should plan their action on the basis that the depicted control areas are operative unless advised to the contrary.

9. In accordance with the provisions of civil aviation legislation, aircraft operating in military CTR, whether active or deactivated, are not to use the surface of any military airfield unless specifically approved by the relevant military authority.

10. All CTR are active only during the hours of operation of the control tower.

11. Due to the possible variation of the hours of operation of civil and military towers, pilots should plan their operations on the basis that control zones are active unless advised to the contrary.

12. **ADVICE OF ERRORS AND SUGGESTIONS**

Correction and error advice is requested by the following methods (in order of preference):

a) Email at docs.amend@airservicesaustralia.com
b) Mail:
Business Reply Post
Permit No 1986 – CIVIC SQUARE
Airservices Australia
Attn: Aeronautical Information Service
GPO Box 367
CANBERRA ACT 2601

13. **CHANGE OF ADDRESS AND PROCUREMENT**

To advise change of address and to arrange for procurement, visit the CanPrint Communications online AIP shop.

a) Internet: www.aipshop.canprint.com.au
b) Personal Purchase: the location of reseller outlets in each state and territory can be obtained from the website identified above.

Enquiries Only:
Phone: 1300 306 630
+61 2 6293 8381 (international customers only)
Email: info@aipshop.canprint.com.au
Note: Any calls made from mobile phones attract the normal mobile call charges and are not charged at local call rates or free of charge.

SPECIAL NOTICES

The geographical coordinates published in the Designated Airspace Handbook (DAH) conform to formatting requirements of ICAO Annex 15 and Doc 8126:

- Latitude is given first, presented as DDMM[SS.s]H where DD denotes degrees; MM denotes minutes; SS denotes seconds; s denotes tenths or hundredths of seconds; and H denotes hemisphere, N for North or S for South. Two digits are used in expressing values of less than 10 degrees of latitude;
- Longitude is presented as DDDMM[SS.s]H where DDD denotes degrees; MM denotes minutes; SS denotes seconds; s denotes tenths or hundredths of seconds; and H denotes hemisphere, W for West or E for East. Three digits are used in expressing values of less than 100 degrees of longitude;
- Symbols for degrees, minutes or seconds are omitted;
- The resolution used for geographical coordinates conforms with the aeronautical data quality requirements listed in ICAO Annex 15 Appendix 7;
- Where a degree of accuracy of decimals of seconds is required, the number of decimal places is always consistent within the set;
- The points defining lateral limits of an irregular shape are listed in clockwise order separated by a hyphen “–”. The last point on the list is the same as the first point.
- A circular shape area is defined by the word “radius” followed by the value of the radius in nautical miles (NM), followed by the words “centre”, followed by coordinates of the centre of the circle.

Examples

Hundredths of a Second

The most stringent ICAO accuracy requires some geographical coordinates to be given in hundredths of a second. Thus, the delineation of five degrees, seven minutes and twenty-one point two-zero seconds South, sixty-five degrees, twenty-five minutes and twenty-two point six-two seconds East will be presented as: 050721.20S 0652522.62E.

Tenth of a Second

Should the above example be required to an accuracy of one tenth of a second, it will be presented as: 050721.2S 0652522.6E.

Seconds

Should the above example be required to an accuracy of one second, it will be presented as: 050721S 0652523E.

Minutes

Should the above example be required to an accuracy of one minute (i.e. 1NM) it will be presented as: 0507S 06525E.

SECTION 1 – FLIGHT INFORMATION REGIONS

YBBB-YMMM/BRISBANE FIR

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 092000S 1265000E
070000S 1350000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1550000E - 140000S 1550000E
140000S 1611500E - 174000S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 381119S 1501914E
365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
320540S 1484951E - 290000S 1463200E
290000S 1433000E - 261331S 1382324E
221751S 1363807E - 215132S 1362225E
212959S 1361944E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 200318S 1214022E
190000S 1201500E - 140813S 1150832E

VERTICAL LIMITS: SFC - FL600

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

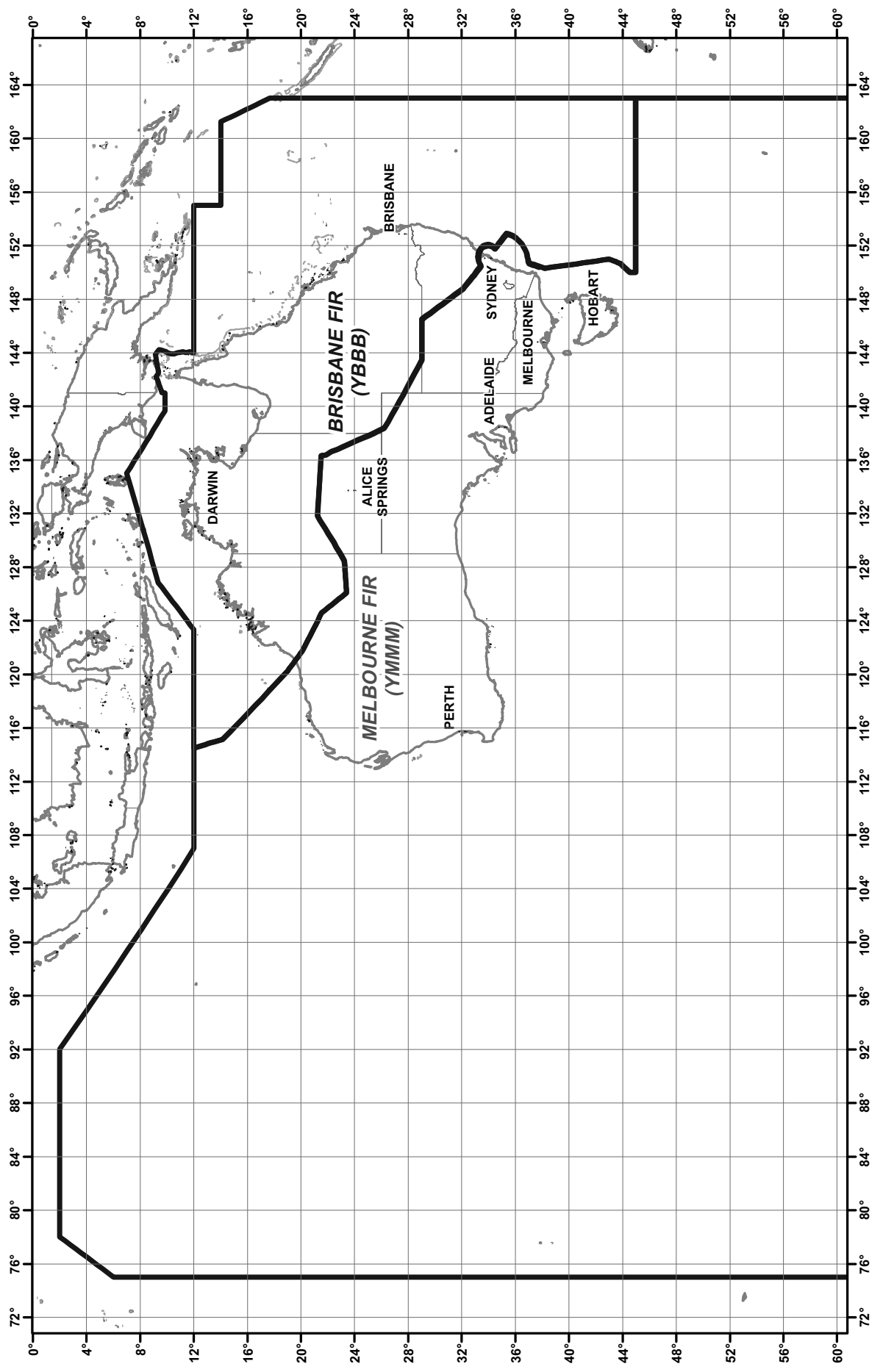
YBBB-YMMM/MELBOURNE FIR

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1143000E - 140813S 1150832E
190000S 1201500E - 200318S 1214022E
213119S 1243304E - 232349S 1260332E
231313S 1282749E - 211209S 1315024E
212959S 1361944E - 215132S 1362225E
221751S 1363807E - 261331S 1382324E
290000S 1433000E - 290000S 1463200E
320540S 1484951E - 332539S 1503147E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 060000S 0750000E

VERTICAL LIMITS: SFC - FL600

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia



FLIGHT INFORMATION REGIONS

SECTION 2 - CONTROL ZONES C

YMMM/ADELAIDE CONTROL ZONE (C)

LATERAL LIMITS: 344727S 1382426E - 344838S 1383218E
345057S 1383555E - 345054S 1383657E
344847S 1384038E
then along the clockwise arc of a circle radius 11.00NM centre
345649S 1383128E (AD/DME) - 344727S 1382426E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/AMBERLEY CONTROL ZONE (C)

LATERAL LIMITS: 272924S 1524734E - 274234S 1525259E
274413S 1525155E
then along the clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 272924S 1524734E
NOTES: CTR may be subject to short notice recall.
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/BRISBANE CONTROL ZONE A (C)

LATERAL LIMITS: 272058S 1530006E - 271917S 1530104E
then along the clockwise arc of a circle radius 7.00NM centre
272229S 1530804E - 272540S 1531504E
272721S 1531406E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272948S 1530224E
272636S 1530204E - 272517S 1525920E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272058S 1530006E
VERTICAL LIMITS: SFC - 700
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CONTROL ZONE B (C)

LATERAL LIMITS: 272058S 1530006E - 271917S 1530104E
then along the clockwise arc of a circle radius 7.00NM centre
272229S 1530804E - 272540S 1531504E
272721S 1531406E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272058S 1530006E
VERTICAL LIMITS: 700 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CONTROL ZONE (C)

LATERAL LIMITS: 165320S 1453930E - 164841S 1453809E
then along the clockwise arc of a circle radius 7.00NM centre
165157S 1454437E - 164909S 1455118E
165044S 1455201E
then along the clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 170030S 1454420E
165320S 1453930E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CONTROL ZONE (C)

LATERAL LIMITS: 352420S 1490507E - 351055S 1490536E
then along the clockwise arc of a circle radius 9.00NM centre
351825S 1491142E - 351058S 1491754E
352429S 1491805E
then along the clockwise arc of a circle radius 8.00NM centre
351825S 1491142E - 352420S 1490507E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CURTIN CONTROL ZONE (C)

LATERAL LIMITS: 172710S 1234151E - 172910S 1240154E
then along the clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 174318S 1240032E
174022S 1235351E - 173650S 1233838E
then along the clockwise arc of a circle radius 12.00NM centre
173520S 1235107E (CIN/DME) - 172710S 1234151E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/DARWIN CONTROL ZONE (C)

LATERAL LIMITS: 123148S 1305121E - 123113S 1304936E
then along the clockwise arc of a circle radius 7.00NM centre
122434S 1305155E - 121755S 1305414E
121830S 1305559E
then along the clockwise arc of a circle radius 7.00NM centre
122509S 1305340E - 121936S 1305803E
122458S 1305805E - 123130S 1305645E
then along the clockwise arc of a circle radius 7.00NM centre
122509S 1305340E - 123148S 1305121E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YMMM/EAST SALE CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 5.00NM centre
380556S 1470858E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YMMM/EDINBURGH CONTROL ZONE (C)

LATERAL LIMITS: 344337S 1383127E - 343222S 1382708E
343209S 1382839E - 342842S 1383335E
342821S 1384052E
then along THE ROSEWORTHY/WASLEY RAILWAY - 343140S 1384441E
343358S 1384241E - 343643S 1384104E
then along the counter clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343753S 1384341E
then along MAIN NORTH RD - 344344S 1384023E
344548S 1383707E
then along LITTLE PARA RVR - 344620S 1383536E
344629S 1383413E
then along the clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344337S 1383127E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/GOLD COAST CONTROL ZONE (C)

LATERAL LIMITS: 281651S 1532755E - 280709S 1532304E
then along the clockwise arc of a circle radius 7.00NM centre
281008S 1533014E (CG/DME) - 281651S 1532755E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEARMONTH CONTROL ZONE (C)

LATERAL LIMITS: 220843S 1135945E - 220757S 1140022E
215952S 1140022E
then along the clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 215953S 1141100E
222818S 1141100E
then along the clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 222839S 1140132E
221409S 1135801E
then along THE ROAD 4 - 220843S 1135945E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/MELBOURNE CONTROL ZONE (C)

LATERAL LIMITS: 373225S 1444943E - 373300S 1445612E
374130S 1450442E - 374400S 1450442E
374924S 1445918E - 374906S 1445812E
374822S 1444931E
then along the clockwise arc of a circle radius 8.00NM centre
374024S 1445036E - 373225S 1444943E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/OAKEY CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 5.00NM centre
272359S 1514417E (OK/DME)
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YMMM/PERTH CONTROL ZONE (C)

LATERAL LIMITS: 320302S 1155136E - 320041S 1154721E
315820S 1154737E - 315458S 1154855E
315119S 1154923E - 315055S 1154923E
315006S 1154911E - 314926S 1154910E
314909S 1154910E - 314829S 1154909E
314823S 1154906E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
320456S 1160005E - 320442S 1155608E
then along the counter clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320302S 1155136E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SCHERGER CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 15.00NM centre
123726S 1420514E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/SYDNEY CONTROL ZONE (C)

LATERAL LIMITS: 335417S 1510237E - 335125S 1510414E
then along the counter clockwise arc of a circle radius 0.40NM centre
335103S 1510425E - 335104S 1510454E
335037S 1510654E - 335030S 1510714E
335037S 1510748E
then along SY HarbourA - 335120S 1511228E
then along SY HarbourB - 335224S 1511446E
335222S 1511704E
then along SY COAST 4 - 335334S 1511706E
335807S 1511557E - 335935S 1511508E
335936S 1511457E - 335940S 1511456E
335945S 1511456E - 335949S 1511501E
340006S 1511500E - 340108S 1511348E
then along SY COAST 5 - 340204S 1511331E
340206S 1511320E - 340207S 1511319E
340214S 1511321E
then along SY COAST 6 - 340220S 1511011E
340221S 1510948E - 340223S 1510946E
340234S 1510946E
then along SY COAST 7 - 340417S 1510922E
340434S 1511004E
then along SY COAST 8 - 340505S 1511015E
340350S 1505942E - 340105S 1505837E
335753S 1505719E - 335720S 1510009E
then along the counter clockwise arc of a circle radius 2.00NM centre
335528S 1505918E - 335621S 1510128E
335417S 1510237E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TINDAL CONTROL ZONE (C)

LATERAL LIMITS: A circle radius 10.00NM centre
143116S 1322240E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CONTROL ZONE (C)

LATERAL LIMITS: 191125S 1463942E
then along the clockwise arc of a circle radius 7.00NM centre
191418S 1464627E - 191710S 1465312E
191822S 1465238E
then along the clockwise arc of a circle radius 7.00NM centre
191530S 1464553E - 191237S 1463908E
191125S 1463942E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/WILLIAMTOWN CONTROL ZONE A (C)

LATERAL LIMITS: 324722S 1513730E - 324708S 1513658E
then along the clockwise arc of a circle radius 11.00NM centre
324750S 1514959E (WLM/TAC) - 325824S 1514619E
325524S 1514723E
then along SOUTHBANK/ARM HUNTER RVR 1 - 324914S 1514052E
then along NEW ENGLAND HWY 2 - 324722S 1513730E
NOTES: CTR may be subject to short notice recall.
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CONTROL ZONE B (C)

LATERAL LIMITS: 324036S 1514008E - 322301S 1515408E
then along the clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 331151S 1514133E
325824S 1514619E
then along the counter clockwise arc of a circle radius 11.00NM centre
324750S 1514959E (WLM/TAC) - 324036S 1514008E
NOTES: CTR may be subject to short notice recall.
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

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SECTION 3 - CONTROL ZONES D

YMMM/ALBURY CONTROL ZONE (D)

LATERAL LIMITS: 355653S 1470152E - 360124S 1464930E
then along the counter clockwise arc of a circle radius 7.00NM centre
360404S 1465729E - 361038S 1465428E
360602S 1470703E
then along the counter clockwise arc of a circle radius 8.00NM centre
360404S 1465729E - 355653S 1470152E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CONTROL ZONE (D)

LATERAL LIMITS: 233849S 1335110E - 234603S 1340438E
then along the clockwise arc of a circle radius 10.00NM centre
234830S 1335403E - 235810S 1335655E
235057S 1334329E
then along the clockwise arc of a circle radius 10.00NM centre
234830S 1335403E - 233849S 1335110E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARCHERFIELD CONTROL ZONE (D)

LATERAL LIMITS: 273248S 1525731E - 273011S 1525909E
273343S 1530446E - 273548S 1530322E
then along the clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273248S 1525731E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON CONTROL ZONE (D)

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BANKSTOWN CONTROL ZONE (D)

LATERAL LIMITS: 335753S 1505719E - 335349S 1505617E
then along the clockwise arc of a circle radius 3.00NM centre
335528S 1505918E - 335417S 1510237E
335621S 1510128E
then along the clockwise arc of a circle radius 2.00NM centre
335528S 1505918E - 335720S 1510009E
335753S 1505719E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 9.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: SFC - 2600
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CAMDEN CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 2.00NM centre
340225S 1504112E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CONTROL ZONE (D)

LATERAL LIMITS: 302020S 1525859E
then along the counter clockwise arc of a circle radius 7.00NM centre
301914S 1530659E - 301305S 1530306E
302020S 1525859E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CONTROL ZONE (D)

LATERAL LIMITS: 201934S 1485110E - 201917S 1485009E
then along the clockwise arc of a circle radius 7.00NM centre
202104S 1485721E (OVRON/WPT) - 201403S 1485725E
201503S 1485724E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 202408S 1490251E
202537S 1490538E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 203004S 1485625E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CONTROL ZONE (D)

LATERAL LIMITS: 425158S 1472133E - 424949S 1471945E
then along the clockwise arc of a circle radius 8.00NM centre
425010S 1473037E - 424223S 1473306E
424851S 1474243E
then along the clockwise arc of a circle radius 9.00NM centre
425010S 1473037E - 425851S 1473352E
425718S 1473140E - 425158S 1472133E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JANDAKOT CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 3.00NM centre
320551S 1155252E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CONTROL ZONE (D)

LATERAL LIMITS: 203543S 1163111E - 203758S 1163556E
then along the clockwise arc of a circle radius 11.00NM centre
204254S 1164626E (KA/DME) - 203330S 1165234E
202913S 1165521E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 204800S 1170238E
204625S 1165734E
then along the clockwise arc of a circle radius 11.00NM centre
204254S 1164626E (KA/DME) - 205022S 1163746E
205345S 1163350E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 203543S 1163111E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 8.00NM centre
413238S 1471247E (LT/DME)
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 6.00NM centre
211023S 1491115E (MK/DME)
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MOORABBIN CONTROL ZONE (D)

LATERAL LIMITS: A circle radius 3.00NM centre
375833S 1450608E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PARAFIELD CONTROL ZONE (D)

LATERAL LIMITS: 344838S 1383218E - 344629S 1383413E
344620S 1383536E
then along LITTLE PARA RVR - 344548S 1383707E
344451S 1383837E
then along the clockwise arc of a circle radius 3.00NM centre
344747S 1383752E (PF/NDB) - 344819S 1384127E
345054S 1383657E - 345057S 1383555E
344838S 1383218E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CONTROL ZONE (D)

LATERAL LIMITS: 232449S 1502112E
then along the clockwise arc of a circle radius 7.00NM centre
232209S 1502814E - 231929S 1503516E
232046S 1503551E
then along the clockwise arc of a circle radius 7.00NM centre
232326S 1502848E - 232607S 1502146E
232449S 1502112E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CONTROL ZONE (D)

LATERAL LIMITS: 263113S 1525754E
then along the clockwise arc of a circle radius 7.00NM centre
263500S 1530428E - 262802S 1530532E
263652S 1531308E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CONTROL ZONE (D)

LATERAL LIMITS: 311252S 1504800E - 311451S 1504736E
then along the counter clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 310553S 1510225E
305459S 1504906E
then along the counter clockwise arc of a circle radius 9.00NM centre
310358S 1504948E (TW/DME) - 311252S 1504800E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

SECTION 4 - CONTROLLED AIRSPACE A

YMMM/ADELAIDE CTA A

LATERAL LIMITS: 353001S 1364920E - 351526S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
362422S 1380512E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE FIR CTA A1

LATERAL LIMITS: 224731S 1473214E - 204343S 1470135E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 174521S 1465948E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
194456S 1485743E - 203857S 1493041E
255215S 1531926E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 271312S 1544854E
then along the clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 293925S 1534506E
304020S 1533146E - 325239S 1522643E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 345904S 1522928E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
323732S 1492953E - 323339S 1493537E
320400S 1504526E - 313933S 1504242E
311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E - 291933S 1512853E
285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
233636S 1484303E - 231443S 1485118E
232000S 1480000E - 224731S 1473214E
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE FIR CTA A2

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 092000S 1265000E
070000S 1350000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1550000E - 140000S 1550000E
140000S 1611500E - 174000S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 381119S 1501914E
365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
320540S 1484951E - 290000S 1463200E
290000S 1433000E - 261331S 1382324E
221751S 1363807E - 215132S 1362225E
212959S 1361944E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 200318S 1214022E
190000S 1201500E - 140813S 1150832E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA A1

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE FIR CTA A1

LATERAL LIMITS: 332222S 1482227E - 323732S 1492953E
332539S 1503147E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
353327S 1492531E - 354041S 1491140E
354549S 1490148E - 361452S 1475610E
370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
411433S 1483807E - 420626S 1480244E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
405950S 1453416E - 394736S 1450730E
383058S 1450738E - 380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
332222S 1482227E

VERTICAL LIMITS: FL180 - FL245

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE FIR CTA A2

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1143000E - 140813S 1150832E
190000S 1201500E - 200318S 1214022E
213119S 1243304E - 232349S 1260332E
231313S 1282749E - 211209S 1315024E
212959S 1361944E - 215132S 1362225E
221751S 1363807E - 261331S 1382324E
290000S 1433000E - 290000S 1463200E
320540S 1484951E - 332539S 1503147E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
800000S 1630000E - 800000S 0750000E
060000S 0750000E

VERTICAL LIMITS: FL245 - FL600

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA A

LATERAL LIMITS: 330337S 1144613E - 324514S 1150624E
323411S 1151826E - 322351S 1152938E
321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
322416S 1162456E - 323216S 1163906E
324042S 1165407E - 325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E

VERTICAL LIMITS: FL180 - FL245

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

SECTION 5 - CONTROLLED AIRSPACE C

YMMM/ADELAIDE CTA C1

LATERAL LIMITS: 344727S 1382426E - 344430S 1383150E
then along the counter clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344629S 1383413E
344620S 1383536E
then along LITTLE PARA RVR - 344548S 1383707E
344451S 1383837E
then along the clockwise arc of a circle radius 3.00NM centre
344747S 1383752E (PF/NDB) - 344819S 1384127E
344847S 1384038E
then along the clockwise arc of a circle radius 11.00NM centre
345649S 1383128E (AD/DME) - 344727S 1382426E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C2

LATERAL LIMITS: A circle radius 20.00NM centre
345649S 1383128E (AD/DME)
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C3

LATERAL LIMITS: A circle radius 36.00NM centre
345649S 1383128E (AD/DME)
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C4

LATERAL LIMITS: A circle radius 50.00NM centre
345649S 1383128E (AD/DME)
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ADELAIDE CTA C5

LATERAL LIMITS: 352056S 1371751E - 351526S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
360011S 1381315E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 352056S 1371751E
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA C1

LATERAL LIMITS: 354811S 1470028E - 353447S 1470606E
then along the clockwise arc of a circle radius 30.00NM centre
360405S 1465758E (AY/DME) - 355546S 1473330E
360042S 1471715E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 362006S 1465850E
362903S 1465531E
then along the clockwise arc of a circle radius 25.00NM centre
360405S 1465758E (AY/DME) - 361520S 1463024E
360940S 1463928E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 354811S 1470028E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA C2

LATERAL LIMITS: 361827S 1462525E - 361520S 1463024E
then along the counter clockwise arc of a circle radius 25.00NM centre
360405S 1465758E (AY/DME) - 362903S 1465531E
363356S 1465342E
then along the clockwise arc of a circle radius 30.00NM centre
360405S 1465758E (AY/DME) - 361827S 1462525E
VERTICAL LIMITS: 5500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA C3

LATERAL LIMITS: 354811S 1470028E - 352030S 1471204E
then along the clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 355027S 1475048E
360042S 1471715E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 362006S 1465850E
364828S 1464817E
then along the clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 362740S 1461033E
360940S 1463928E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 354811S 1470028E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C1

LATERAL LIMITS: A circle radius 22.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C2

LATERAL LIMITS: 242551S 1340129E - 242254S 1340048E
then along the clockwise arc of a circle radius 36.00NM centre
234734S 1335241E (AS/DME) - 235121S 1343144E
235139S 1343500E
then along the clockwise arc of a circle radius 39.00NM centre
234734S 1335241E (AS/DME) - 242551S 1340129E
VERTICAL LIMITS: 6500 - FL115
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C3

LATERAL LIMITS: 243639S 1340359E - 243144S 1340250E
then along the clockwise arc of a circle radius 45.00NM centre
234734S 1335241E (AS/DME) - 235216S 1344130E
235246S 1344656E
then along the clockwise arc of a circle radius 50.00NM centre
234734S 1335241E (AS/DME) - 243639S 1340359E
VERTICAL LIMITS: FL115 - FL145
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C4

LATERAL LIMITS: A circle radius 60.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: FL145 - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA C5

LATERAL LIMITS: A circle radius 80.00NM centre
234734S 1335241E (AS/DME)
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C01

LATERAL LIMITS: 271328S 1530739E - 271102S 1530748E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 273257S 1531444E
273343S 1530446E - 273011S 1525909E
272833S 1530057E
then along the clockwise arc of a circle radius 7.00NM centre
272410S 1530706E - 272058S 1530006E
271358S 1530406E - 271328S 1530739E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C02

LATERAL LIMITS: 272345S 1525551E - 271659S 1525525E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 273256S 1531450E
273343S 1530446E - 273548S 1530322E
then along the clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273248S 1525731E
273011S 1525909E
then along the clockwise arc of a circle radius 10.00NM centre
272303S 1530703E - 272345S 1525551E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C03

LATERAL LIMITS: 272345S 1525551E - 271659S 1525525E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 271102S 1530748E
270802S 1530759E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 273709S 1530113E
then along the clockwise arc of a circle radius 3.00NM centre
273413S 1530029E - 273248S 1525731E
273011S 1525909E
then along the clockwise arc of a circle radius 10.00NM centre
272303S 1530703E - 272345S 1525551E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C04

LATERAL LIMITS: 273007S 1525210E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270826S 1530303E
270658S 1530406E - 270206S 1530840E
270735S 1532042E - 271242S 1531917E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 273708S 1531300E
274658S 1530722E - 274514S 1525851E
274234S 1525259E - 273429S 1524940E
273007S 1525210E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C05

LATERAL LIMITS: 274234S 1525259E - 271325S 1524103E
270455S 1525241E
then along the clockwise arc of a circle radius 22.00NM centre
272157S 1530821E (BN/DME) - 271342S 1533115E
280149S 1535316E
then along the clockwise arc of a circle radius 22.00NM centre
281008S 1533014E (CG/DME) - 283202S 1533310E
then along COAST 500 - 282450S 1533348E
then along the clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 281945S 1531710E
280400S 1532117E - 275709S 1531723E
274658S 1530722E - 274514S 1525851E
274234S 1525259E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C06

LATERAL LIMITS: 275709S 1531723E - 275151S 1531210E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273238S 1533953E
274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283931S 1533730E
then along COAST 90 - 283513S 1533356E
then along COAST 91 - 283202S 1533310E
then along the clockwise arc of a circle radius 22.00NM centre
281008S 1533014E (CG/DME) - 282740S 1531506E
280400S 1532117E - 275709S 1531723E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C07

LATERAL LIMITS: 275151S 1531210E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273238S 1533953E
274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
275215S 1531233E - 275151S 1531210E
VERTICAL LIMITS: 6500 - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C08

LATERAL LIMITS: 280202S 1531003E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 274337S 1534614E
then along the counter clockwise arc of a circle radius 40.00NM centre
272157S 1530821E (BN/DME) - 280202S 1531003E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C09

LATERAL LIMITS: 280200S 1523427E
then along the clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 272952S 1540351E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 280200S 1523427E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C10

LATERAL LIMITS: 280812S 1521644E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 272326S 1542121E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291433S 1534127E
293812S 1532855E - 295150S 1532139E
295906S 1531745E - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E - 310415S 1530553E
311417S 1530539E
then along the clockwise arc of a circle radius 55.00NM centre
301910S 1530716E (CFS/DME) - 305200S 1521603E
304602S 1522523E - 304040S 1523347E
303217S 1524648E - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E - 295817S 1525908E
295038S 1525619E - 293619S 1525104E
285402S 1523542E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 280812S 1521644E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CTA C11

LATERAL LIMITS: 280812S 1521644E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 272326S 1542121E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291433S 1534127E
293812S 1532855E - 295150S 1532139E
295906S 1531745E - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E - 310415S 1530553E
311417S 1530539E - 312418S 1530525E
then along the clockwise arc of a circle radius 65.00NM centre
301910S 1530716E (CFS/DME) - 305756S 1520642E
305200S 1521603E - 304602S 1522523E
304040S 1523347E - 303217S 1524648E
302917S 1525126E - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E - 300303S 1530054E
295817S 1525908E - 295038S 1525619E
293619S 1525104E - 285402S 1523542E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 280812S 1521644E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C1

LATERAL LIMITS: 164841S 1453809E - 164252S 1453525E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 164124S 1455213E
164603S 1454834E
then along the counter clockwise arc of a circle radius 7.00NM centre
165157S 1454437E - 164841S 1453809E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C2

LATERAL LIMITS: 164841S 1453809E - 164252S 1453525E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170253S 1454642E
170031S 1454616E
then along the clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 170030S 1454420E
165320S 1453930E - 164841S 1453809E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C3

LATERAL LIMITS: 164252S 1453525E - 163318S 1453055E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 162907S 1454129E
163306S 1454203E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170849S 1454745E
170031S 1454616E
then along the clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 170030S 1454420E
165320S 1453930E - 165243S 1453919E
165444S 1453245E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 164252S 1453525E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C4

LATERAL LIMITS: 163704S 1453242E - 163318S 1453055E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 171247S 1454828E
170253S 1454642E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 165444S 1453245E
165633S 1452647E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 163704S 1453242E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C5

LATERAL LIMITS: 170546S 1451022E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 172419S 1455913E
171122S 1455332E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 165837S 1452307E
170546S 1451022E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C6

LATERAL LIMITS: 170546S 1451022E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 172707S 1454307E
171304S 1454341E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 165837S 1452307E
170546S 1451022E
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C7

LATERAL LIMITS: 170546S 1451022E - 171252S 1445741E
then along the clockwise arc of a circle radius 50.00NM centre
165101S 1454438E (CS/DME) - 174109S 1454232E
172707S 1454307E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 170546S 1451022E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C8

LATERAL LIMITS: A circle radius 50.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS CTA C9

LATERAL LIMITS: A circle radius 65.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C1

LATERAL LIMITS: 350639S 1490649E - 350159S 1490435E
then along the clockwise arc of a circle radius 16.00NM centre
351653S 1491145E (CB/DME) - 350315S 1492200E
350830S 1492027E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 352724S 1491548E
352925S 1491606E
then along the clockwise arc of a circle radius 13.00NM centre
351653S 1491145E (CB/DME) - 352944S 1490907E
352731S 1490812E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 350639S 1490649E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C2

LATERAL LIMITS: 353130S 1490344E - 353550S 1490349E
then along the counter clockwise arc of a circle radius 20.00NM centre
351653S 1491145E (CB/DME) - 353541S 1492015E
353120S 1492015E
then along the counter clockwise arc of a circle radius 16.00NM centre
351653S 1491145E (CB/DME) - 353130S 1490344E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C3

LATERAL LIMITS: A circle radius 20.00NM centre
351653S 1491145E (CB/DME)
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C4

LATERAL LIMITS: 354041S 1491140E - 354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354041S 1491140E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA CTA C5

LATERAL LIMITS: 355158S 1484804E
then along the clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 351237S 1500019E
352006S 1494812E - 353327S 1492531E
354549S 1490148E - 355158S 1484804E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA C1

LATERAL LIMITS: 295817S 1525908E
then along the clockwise arc of a circle radius 22.00NM centre
301910S 1530716E (CFS/DME) - 295906S 1531745E
300338S 1531519E - 300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
303217S 1524648E - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E - 295817S 1525908E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA C2

LATERAL LIMITS: 295038S 1525619E
then along the clockwise arc of a circle radius 30.00NM centre
301910S 1530716E (CFS/DME) - 295150S 1532139E
295906S 1531745E - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
303217S 1524648E - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E - 295817S 1525908E
295038S 1525619E
VERTICAL LIMITS: 5500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA C3

LATERAL LIMITS: 293619S 1525104E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 293812S 1532855E
295150S 1532139E - 295906S 1531745E
300338S 1531519E - 300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre
301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
305514S 1530605E - 310415S 1530553E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 304602S 1522523E
304040S 1523347E - 303217S 1524648E
302917S 1525126E - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E - 300303S 1530054E
295817S 1525908E - 295038S 1525619E
293619S 1525104E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA C1

LATERAL LIMITS: 122458S 1305805E - 121936S 1305803E
then along the clockwise arc of a circle radius 7.00NM centre
122509S 1305340E - 123130S 1305645E
122458S 1305805E
VERTICAL LIMITS: 500 - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C2

LATERAL LIMITS: 122838S 1304605E - 122946S 1303806E
then along the clockwise arc of a circle radius 15.00NM centre
122453S 1305236E - 123000S 1310702E
123812S 1305238E - 123604S 1304618E
then along THE PORT DARWIN COT/1 - 122910S 1304631E
then along the clockwise arc of a circle radius 7.00NM centre
122434S 1305155E - 122838S 1304605E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C3

LATERAL LIMITS: 115908S 1303921E - 120330S 1304151E
then along the clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 120033S 1305039E
115535S 1304955E
then along the clockwise arc of a circle radius 30.00NM centre
122524S 1305423E (DN/DME) - 115908S 1303921E
VERTICAL LIMITS: 2500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C4

LATERAL LIMITS: A circle radius 40.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: 6500 - 9500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/DARWIN CTA C5

LATERAL LIMITS: A circle radius 50.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: 9500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: WI 40NM DN/DME:Dept of Defence-RAAF.BTN 40NM&50NM DN/DME:AsA

YBBB/DARWIN CTA C6

LATERAL LIMITS: A circle radius 65.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: WI 40NM DN/DME:Dept of Defence-RAAF.BTN 40NM&65NM DN/DME:AsA

YBBB/GOLD COAST CTA C1

LATERAL LIMITS: 275913S 1531834E - 280400S 1532117E
280709S 1532304E - 281639S 1532750E
then along THE TWEED RIVER - 281918S 1532538E
then along the counter clockwise arc of a circle radius 10.00NM centre
281008S 1533014E (CG/DME) - 281932S 1533412E
then along COAST 76 - 282450S 1533348E
then along the counter clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 275913S 1531834E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST CTA C2

LATERAL LIMITS: 280400S 1532117E - 275913S 1531834E
then along the clockwise arc of a circle radius 15.00NM centre
281008S 1533014E (CG/DME) - 281945S 1531710E
280400S 1532117E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA C1

LATERAL LIMITS: 424001S 1465337E
then along the clockwise arc of a circle radius 30.00NM centre
425050S 1473136E (TASUM/WPT) - 431438S 1475629E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA C2

LATERAL LIMITS: 424001S 1465337E - 423612S 1464828E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA C3

LATERAL LIMITS: 422505S 1463332E - 424001S 1465337E
424640S 1470330E - 424840S 1471848E
425158S 1472133E - 425718S 1473140E
431807S 1480130E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 421946S 1475328E
420626S 1480244E
then along the counter clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 420246S 1475019E
415226S 1474253E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 420116S 1470046E
420647S 1465936E
then along the counter clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 422505S 1463332E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C1

LATERAL LIMITS: 411959S 1463636E - 413139S 1470031E
414154S 1470452E - 415615S 1470150E
then along the counter clockwise arc of a circle radius 25.00NM centre
413238S 1471247E (LT/DME) - 414739S 1473927E
411705S 1471747E - 410237S 1471254E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411959S 1463636E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C2

LATERAL LIMITS: 414154S 1470452E - 420116S 1470046E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
412727S 1472505E - 411740S 1474721E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410237S 1471254E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411959S 1463636E
413139S 1470031E - 414154S 1470452E
VERTICAL LIMITS: 6500 - 7500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C3

LATERAL LIMITS: 411641S 1462953E - 413139S 1470031E
414154S 1470452E - 420116S 1470046E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
412727S 1472505E - 411740S 1474721E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410621S 1473200E
410105S 1473549E
then along the counter clockwise arc of a circle radius 36.00NM centre
413238S 1471247E (LT/DME) - 411641S 1462953E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA C4

LATERAL LIMITS: 411144S 1461951E - 413139S 1470031E
414154S 1470452E - 420116S 1470046E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
412727S 1472505E - 411740S 1474721E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410621S 1473200E
405311S 1474131E
then along the counter clockwise arc of a circle radius 45.00NM centre
413238S 1471247E (LT/DME) - 411144S 1461951E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C1

LATERAL LIMITS: 374821S 1444206E - 374420S 1443925E
then along the clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 373043S 1445619E
373300S 1445612E - 373413S 1450809E
then along the clockwise arc of a circle radius 15.00NM centre
373936S 1445032E (ML/DME) - 375053S 1450301E
375018S 1445906E - 375036S 1445109E
then along the clockwise arc of a circle radius 11.00NM centre
373936S 1445032E (ML/DME) - 374821S 1444206E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C2

LATERAL LIMITS: 374821S 1444206E - 374420S 1443925E
then along the clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 373010S 1444619E
372817S 1444529E
then along the clockwise arc of a circle radius 12.00NM centre
373936S 1445032E (ML/DME) - 372833S 1445625E
373300S 1445612E - 373413S 1450809E
then along the clockwise arc of a circle radius 15.00NM centre
373936S 1445032E (ML/DME) - 375053S 1450301E
375144S 1445702E - 375315S 1445032E
375229S 1444412E - 374821S 1444206E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C3

LATERAL LIMITS: 374448S 1442611E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375424S 1443954E - 375542S 1444800E
375824S 1444800E - 375812S 1450222E
then along the counter clockwise arc of a circle radius 3.00NM centre
375833S 1450608E - 375739S 1450945E
374812S 1451912E - 374000S 1451912E
373500S 1451554E - 373413S 1450809E
then along the counter clockwise arc of a circle radius 15.00NM centre
373936S 1445032E (ML/DME) - 374443S 1443246E
374448S 1442611E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C4

LATERAL LIMITS: 374448S 1442611E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375424S 1443954E - 375542S 1444800E
375824S 1444800E - 375812S 1450222E
then along the counter clockwise arc of a circle radius 3.00NM centre
375833S 1450608E - 375739S 1450945E
374812S 1451912E - 374000S 1451912E
373054S 1451312E
then along the counter clockwise arc of a circle radius 20.00NM centre
373936S 1445032E (ML/DME) - 374448S 1442611E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C5

LATERAL LIMITS: A circle radius 30.00NM centre
373936S 1445032E (ML/DME)
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C6N1

LATERAL LIMITS: 365941S 1442423E - 371217S 1443454E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445204E
365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365941S 1442423E
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CTA C7N

LATERAL LIMITS: 375404S 1441722E - 380146S 1440104E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 382407S 1445921E
380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C1

LATERAL LIMITS: 320515S 1154925E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
320456S 1160005E - 320442S 1155608E
then along the clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320515S 1154925E
VERTICAL LIMITS: 1500 - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C2

LATERAL LIMITS: 320948S 1155641E - 320851S 1154155E
then along the clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320554S 1161547E
320644S 1160902E - 320541S 1160505E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155733E (PH/VOR) - 320740S 1155851E
320948S 1155641E
VERTICAL LIMITS: 2000 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C3

LATERAL LIMITS: 320851S 1154155E - 321010S 1154422E
321059S 1155529E - 320948S 1155641E
320851S 1154155E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C4

LATERAL LIMITS: 321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
then along the counter clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 321329S 1154047E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C5

LATERAL LIMITS: 322351S 1152938E - 321329S 1154047E
321349S 1155652E - 321335S 1160503E
321556S 1161015E - 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C6

LATERAL LIMITS: 323411S 1151826E - 322351S 1152938E
321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
322416S 1162456E - 323216S 1163906E
then along the counter clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 323411S 1151826E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA C7

LATERAL LIMITS: 324514S 1150624E - 323411S 1151826E
322351S 1152938E - 321329S 1154047E
321349S 1155652E - 321335S 1160503E
321556S 1161015E - 322416S 1162456E
323216S 1163906E - 324042S 1165407E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 324514S 1150624E
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C1

LATERAL LIMITS: 231055S 1495127E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 224720S 1503444E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
233835S 1510338E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 235855S 1502427E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
231055S 1495127E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C2

LATERAL LIMITS: 231741S 1501153E - 230751S 1494216E
then along the clockwise arc of a circle radius 45.00NM centre
232258S 1502818E (RK/DME) - 223826S 1503620E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
234227S 1511229E
then along the clockwise arc of a circle radius 45.00NM centre
232258S 1502818E (RK/DME) - 240754S 1502329E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C3

LATERAL LIMITS: 231741S 1501153E - 230426S 1493204E
then along the clockwise arc of a circle radius 55.00NM centre
232258S 1502818E (RK/DME) - 222832S 1503807E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
234643S 1512221E
then along the clockwise arc of a circle radius 55.00NM centre
232258S 1502818E (RK/DME) - 241753S 1502225E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA C4

LATERAL LIMITS: 230100S 1492152E
then along the clockwise arc of a circle radius 65.00NM centre
232258S 1502818E (RK/DME) - 221838S 1503954E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
235059S 1513213E
then along the clockwise arc of a circle radius 65.00NM centre
232258S 1502818E (RK/DME) - 242752S 1502121E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
230100S 1492152E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SOUTH-EASTERN CTA C1

LATERAL LIMITS: 330623S 1504357E - 325137S 1503935E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330911S 1521238E
332139S 1520152E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 343513S 1515820E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 343917S 1505325E
352006S 1494812E - 353327S 1492531E
354041S 1491140E - 354549S 1490148E
361452S 1475610E - 370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335049S 1493506E
334737S 1495255E - 334909S 1500530E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330623S 1504357E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SOUTH-EASTERN CTA C2

LATERAL LIMITS: 325137S 1503935E - 324149S 1503641E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 323638S 1510455E
324635S 1510642E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 344527S 1521138E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 343917S 1505325E
352006S 1494812E - 353327S 1492531E
354041S 1491140E - 354549S 1490148E
361452S 1475610E - 370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 380838S 1444049E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335049S 1493506E
334836S 1494726E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 325137S 1503935E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C1

LATERAL LIMITS: 264253S 1530336E
then along 1NM E BRUCE - 1 - 264211S 1530232E
then along the clockwise arc of a circle radius 40.00NM centre
272157S 1530821E (BN/DME) - 265158S 1533807E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265212S 1531314E
264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
VERTICAL LIMITS: 4500 - 7500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C2

LATERAL LIMITS: 263925S 1533759E - 265158S 1533807E
then along the counter clockwise arc of a circle radius 40.00NM centre
272157S 1530821E (BN/DME) - 264211S 1530232E
then along 1NM E BRUCE - 2 - 263234S 1525843E
then along the clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263925S 1533759E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C3

LATERAL LIMITS: 263234S 1525843E
then along 1NM E BRUCE - 3 - 263153S 1525828E
263113S 1525754E - 262323S 1524115E
then along the clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 262050S 1524307E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 261730S 1531908E
263349S 1533313E
then along the clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 263704S 1533317E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263234S 1525843E
VERTICAL LIMITS: 4500 - FL125
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C4

LATERAL LIMITS: 262323S 1524115E - 262220S 1523900E
then along the clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 262050S 1524307E
then along the counter clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 262323S 1524115E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C5

LATERAL LIMITS: 262050S 1524307E
then along the clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 261211S 1531435E
261730S 1531908E
then along the counter clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 262050S 1524307E
VERTICAL LIMITS: 4500 - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA C6

LATERAL LIMITS: 262103S 1523619E
then along the clockwise arc of a circle radius 30.00NM centre
263552S 1530525E (SU/DME) - 260643S 1531342E
261211S 1531435E
then along the counter clockwise arc of a circle radius 25.00NM centre
263552S 1530525E (SU/DME) - 262050S 1524307E
then along the counter clockwise arc of a circle radius 65.00NM centre
272157S 1530821E (BN/DME) - 262220S 1523900E
262103S 1523619E
VERTICAL LIMITS: 6500 - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C1

LATERAL LIMITS: 210149S 1483350E - 210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
214628S 1491000E
then along the counter clockwise arc of a circle radius 36.00NM centre
211023S 1491115E (MK/DME) - 212749S 1494500E
211548S 1492129E
then along the counter clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 205920S 1491147E
205427S 1491202E
then along the counter clockwise arc of a circle radius 36.00NM centre
202104S 1485721E (OVRON/WPT) - 203857S 1493041E
202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E
then along the counter clockwise arc of a circle radius 36.00NM centre
202104S 1485721E (OVRON/WPT) - 201125S 1482027E
210149S 1483350E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C2

LATERAL LIMITS: 200857S 1481115E - 205938S 1482430E
210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
215530S 1490942E
then along the counter clockwise arc of a circle radius 45.00NM centre
211023S 1491115E (MK/DME) - 213208S 1495328E
211548S 1492129E
then along the counter clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 210138S 1491827E
then along the counter clockwise arc of a circle radius 45.00NM centre
202104S 1485721E (OVRON/WPT) - 204713S 1493627E
203857S 1493041E - 202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E - 193735S 1484425E
then along the counter clockwise arc of a circle radius 45.00NM centre
202104S 1485721E (OVRON/WPT) - 200857S 1481115E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C3

LATERAL LIMITS: 200613S 1480102E - 200857S 1481115E
205938S 1482430E - 210613S 1485239E
212600S 1485035E
then along the counter clockwise arc of a circle radius 65.00NM centre
202104S 1485721E (OVRON/WPT) - 212505S 1491043E
221534S 1490901E
then along the counter clockwise arc of a circle radius 65.00NM centre
211023S 1491115E (MK/DME) - 213946S 1501326E
203857S 1493041E - 202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E - 193103S 1483238E
then along the counter clockwise arc of a circle radius 55.00NM centre
202104S 1485721E (OVRON/WPT) - 200613S 1480102E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY CTA C4

LATERAL LIMITS: 200327S 1475049E - 200857S 1481115E
205938S 1482430E - 210613S 1485239E
212600S 1485035E
then along the counter clockwise arc of a circle radius 65.00NM centre
202104S 1485721E (OVRON/WPT) - 212505S 1491043E
221534S 1490901E
then along the counter clockwise arc of a circle radius 65.00NM centre
211023S 1491115E (MK/DME) - 213946S 1501326E
203857S 1493041E - 202537S 1490538E
then along the counter clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
194456S 1485743E - 192506S 1482155E
then along the counter clockwise arc of a circle radius 65.00NM centre
202104S 1485721E (OVRON/WPT) - 200327S 1475049E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C01A

LATERAL LIMITS: 335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
then along SY COAST 3 - 335003S 1511654E
334949S 1511705E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E
VERTICAL LIMITS: 500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C01B

LATERAL LIMITS: 335037S 1510748E - 335030S 1510714E
335037S 1510654E - 335104S 1510454E
335028S 1510456E
then along HOMEBUSH BAY 5 - 334932S 1510518E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334807S 1511053E
then along THE PACIFIC HWY 1 - 335115S 1511234E
335120S 1511228E
then along SY HarbourA - 335037S 1510748E
VERTICAL LIMITS: 500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C02

LATERAL LIMITS: 334932S 1510518E - 334548S 1510443E
then along the clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 334437S 1511116E
334807S 1511053E
then along the counter clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334932S 1510518E
VERTICAL LIMITS: 700 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C03

LATERAL LIMITS: 334807S 1511053E - 334437S 1511116E
then along the clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 340819S 1510735E
then along SY COAST 9 - 340507S 1511016E
then along the counter clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334949S 1511705E
335003S 1511654E
then along SY COAST 3 - 335222S 1511704E
335224S 1511446E
then along SY HarbourB - 335120S 1511228E
335115S 1511234E
then along THE PACIFIC HWY 1 - 334807S 1511053E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C04A

LATERAL LIMITS: 335753S 1505719E - 335349S 1505617E
then along the clockwise arc of a circle radius 3.00NM centre
335528S 1505918E - 335417S 1510237E
335621S 1510128E
then along the clockwise arc of a circle radius 2.00NM centre
335528S 1505918E - 335720S 1510009E
335753S 1505719E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C04B

LATERAL LIMITS: 340640S 1505608E - 340350S 1505942E
340505S 1511015E - 340507S 1511016E
then along SY COAST 9 - 340819S 1510735E
340640S 1505608E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C04C

LATERAL LIMITS: 341546S 1510351E - 340819S 1510735E
then along the counter clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 340109S 1512420E
340357S 1513321E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 341121S 1512717E
341651S 1512843E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 342112S 1510509E
341546S 1510351E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C05

LATERAL LIMITS: 335125S 1510414E - 335417S 1510237E
then along the counter clockwise arc of a circle radius 3.00NM centre
335528S 1505918E - 335301S 1505712E
then along the clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 334548S 1510443E
334932S 1510518E
then along HOMEBUSH BAY 5 - 335028S 1510456E
335104S 1510454E
then along the clockwise arc of a circle radius 0.40NM centre
335103S 1510425E - 335125S 1510414E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C06

LATERAL LIMITS: 334456S 1505128E - 333726S 1505142E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 333206S 1511703E
333736S 1511827E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 341121S 1512717E
341651S 1512843E
then along the clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 342112S 1510509E
341546S 1510351E
then along the clockwise arc of a circle radius 20.00NM centre
335638S 1511057E (SY/DME) - 334456S 1505128E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SYDNEY CTA C07

LATERAL LIMITS: 333139S 1505947E - 332346S 1505619E
then along the clockwise arc of a circle radius 35.00NM centre
335638S 1511057E (SY/DME) - 332141S 1511420E
333206S 1511703E
then along the counter clockwise arc of a circle radius 25.00NM centre
335638S 1511057E (SY/DME) - 333309S 1510030E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333139S 1505947E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C09

LATERAL LIMITS: 334211S 1503641E - 333616S 1502248E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
332346S 1505619E
then along the clockwise arc of a circle radius 35.00NM centre
335638S 1511057E (SY/DME) - 332141S 1511420E
332650S 1511540E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 334300S 1503852E
334211S 1503641E
VERTICAL LIMITS: 4500 - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C10

LATERAL LIMITS: A circle radius 45.00NM centre 335638S 1511057E (SY/DME)
VERTICAL LIMITS: 7500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C11

LATERAL LIMITS: 331617S 1504654E - 330623S 1504357E
then along the clockwise arc of a circle radius 55.00NM centre 335638S 1511057E (SY/DME) - 332139S 1520152E
333004S 1515433E
then along the clockwise arc of a circle radius 45.00NM centre 335638S 1511057E (SY/DME) - 343917S 1505325E
344620S 1504218E
then along the clockwise arc of a circle radius 55.00NM centre 335638S 1511057E (SY/DME) - 334909S 1500530E
335035S 1501723E
then along the clockwise arc of a circle radius 45.00NM centre 335638S 1511057E (SY/DME) - 331617S 1504654E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CTA C12

LATERAL LIMITS: 331617S 1504654E - 325137S 1503935E
then along the clockwise arc of a circle radius 70.00NM centre 335638S 1511057E (SY/DME) - 330911S 1521238E
333004S 1515433E
then along the clockwise arc of a circle radius 45.00NM centre 335638S 1511057E (SY/DME) - 343917S 1505325E
344620S 1504218E
then along the clockwise arc of a circle radius 55.00NM centre 335638S 1511057E (SY/DME) - 334909S 1500530E
335035S 1501723E
then along the clockwise arc of a circle radius 45.00NM centre 335638S 1511057E (SY/DME) - 331617S 1504654E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C1

LATERAL LIMITS: 310951S 1511543E - 310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre 310358S 1504948E (TW/DME) - 311848S 1504650E
312642S 1504516E
then along the counter clockwise arc of a circle radius 23.00NM centre 310358S 1504948E (TW/DME) - 310951S 1511543E
VERTICAL LIMITS: 4500 - 6500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C2

LATERAL LIMITS: 313602S 1510906E - 312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre 310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre 310358S 1504948E (TW/DME) - 311848S 1504650E
313933S 1504242E
then along the counter clockwise arc of a circle radius 36.00NM centre 310358S 1504948E (TW/DME) - 313602S 1510906E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C3

LATERAL LIMITS: 311848S 1504650E - 313933S 1504242E
314847S 1504344E
then along the counter clockwise arc of a circle radius 45.00NM centre 310358S 1504948E (TW/DME) - 314402S 1511359E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre 310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre 310358S 1504948E (TW/DME) - 311848S 1504650E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C4

LATERAL LIMITS: 311848S 1504650E - 313933S 1504242E
315856S 1504452E
then along the counter clockwise arc of a circle radius 55.00NM centre 310358S 1504948E (TW/DME) - 315255S 1511925E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre 310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre 310358S 1504948E (TW/DME) - 311848S 1504650E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA C5

LATERAL LIMITS: 311848S 1504650E - 313933S 1504242E
320902S 1504559E
then along the counter clockwise arc of a circle radius 65.00NM centre 310358S 1504948E (TW/DME) - 320147S 1512452E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre 310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre 310358S 1504948E (TW/DME) - 311848S 1504650E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TASMANIAN CTA C2

LATERAL LIMITS: 422231S 1463007E - 421556S 1462534E
then along the clockwise arc of a circle radius 60.00NM centre
425050S 1473136E (TASUM/WPT) - 415456S 1470207E
414154S 1470452E - 413139S 1470031E
410613S 1460845E
then along the clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 404424S 1474749E
410621S 1473200E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411740S 1474721E
412727S 1472505E - 420246S 1475019E
then along the clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 420626S 1480244E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
VERTICAL LIMITS: FL125 - FL145
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TASMANIAN CTA C3

LATERAL LIMITS: 422231S 1463007E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 414346S 1470428E
414154S 1470452E - 413139S 1470031E
410613S 1460845E
then along the clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 404424S 1474749E
410621S 1473200E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411740S 1474721E
412727S 1472505E - 414600S 1473816E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
VERTICAL LIMITS: FL145 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TASMANIAN CTA C4

LATERAL LIMITS: 422231S 1463007E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 414346S 1470428E
414154S 1470452E - 413139S 1470031E
410041S 1455742E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 403536S 1475406E
410621S 1473200E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411740S 1474721E
412727S 1472505E - 414600S 1473816E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 431807S 1480130E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
424001S 1465337E - 422231S 1463007E
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE CTA C1

LATERAL LIMITS: A circle radius 11.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C2

LATERAL LIMITS: A circle radius 18.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C3

LATERAL LIMITS: A circle radius 25.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 3500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C4

LATERAL LIMITS: A circle radius 36.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 5500 - 8500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB/TOWNSVILLE CTA C5

LATERAL LIMITS: A circle radius 45.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE CTA C6

LATERAL LIMITS: A circle radius 55.00NM centre 191439S 1464530E (TL/DME)
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE CTA C7

LATERAL LIMITS: A circle radius 65.00NM centre 191439S 1464530E (TL/DME)
VERTICAL LIMITS: FL155 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WILLIAMTOWN CTA C1

LATERAL LIMITS: 324722S 1513730E - 324708S 1513658E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 325824S 1514619E
325524S 1514723E
then along SOUTHBANK/ARM HUNTER RVR 1 - 324914S 1514052E
then along NEW ENGLAND HWY 2 - 324722S 1513730E
VERTICAL LIMITS: 5000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C2

LATERAL LIMITS: 324246S 1513824E - 323602S 1512351E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331151S 1514133E
325824S 1514619E
then along the counter clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324246S 1513824E
VERTICAL LIMITS: 2000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C3

LATERAL LIMITS: 325524S 1514723E - 325824S 1514619E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324708S 1513658E
324722S 1513730E
then along NEW ENGLAND HWY 2 - 324914S 1514052E
then along SOUTHBANK/ARM HUNTER RVR 1 - 325524S 1514723E
VERTICAL LIMITS: 2500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C4

LATERAL LIMITS: 325824S 1514619E - 331151S 1514133E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 330634S 1513016E
323602S 1512351E - 324246S 1513824E
then along the counter clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 325824S 1514619E
VERTICAL LIMITS: 4500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C5

LATERAL LIMITS: 324708S 1513658E - 324637S 1512730E
then along the clockwise arc of a circle radius 19.00NM centre 324750S 1514959E (WLM/TAC) - 323855S 1513005E
324246S 1513824E
then along the counter clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324708S 1513658E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C6

LATERAL LIMITS: 324036S 1514008E - 322301S 1515408E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331151S 1514133E
324940S 1513707E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324036S 1514008E
VERTICAL LIMITS: FL125 - FL150
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C7

LATERAL LIMITS: 330558S 1515453E - 331246S 1515242E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331151S 1514133E
325833S 1513853E
then along the clockwise arc of a circle radius 62.50NM centre 335638S 1511057E (SY/DME) - 330558S 1515453E
VERTICAL LIMITS: FL150 - FL180
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C8

LATERAL LIMITS: 322725S 1520709E - 330558S 1515453E
then along the counter clockwise arc of a circle radius 62.50NM centre 335638S 1511057E (SY/DME) - 325833S 1513853E
324940S 1513707E
then along the clockwise arc of a circle radius 11.00NM centre 324750S 1514959E (WLM/TAC) - 324036S 1514008E
322301S 1515408E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 322725S 1520709E
VERTICAL LIMITS: FL150 - FL220
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/WILLIAMTOWN CTA C9

LATERAL LIMITS: 331246S 1515242E - 322725S 1520709E
then along the clockwise arc of a circle radius 25.00NM centre 324750S 1514959E (WLM/TAC) - 331246S 1515242E
VERTICAL LIMITS: FL150 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

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SECTION 6 - CONTROLLED AIRSPACE D

YMMM/ALBURY CTA D1
LATERAL LIMITS: A circle radius 11.00NM centre 360405S 1465758E (AY/DME)
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA D2
LATERAL LIMITS: A circle radius 16.00NM centre 360405S 1465758E (AY/DME)
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALBURY CTA D3
LATERAL LIMITS: 361213S 1463524E - 360940S 1463928E
then along the clockwise arc of a circle radius 16.00NM centre 360405S 1465758E (AY/DME) - 354811S 1470028E
354420S 1470205E
then along the clockwise arc of a circle radius 20.00NM centre 360405S 1465758E (AY/DME) - 355917S 1472155E
360042S 1471715E
then along the clockwise arc of a circle radius 16.00NM centre 360405S 1465758E (AY/DME) - 362006S 1465850E
362406S 1465721E
then along the clockwise arc of a circle radius 20.00NM centre 360405S 1465758E (AY/DME) - 361213S 1463524E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ALICE SPRINGS CTA D1
LATERAL LIMITS: A circle radius 15.00NM centre 234734S 1335241E (AS/DME)
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA D1
LATERAL LIMITS: A circle radius 13.00NM centre 175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA D2
LATERAL LIMITS: A circle radius 18.00NM centre 175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA D3
LATERAL LIMITS: A circle radius 25.00NM centre 175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 3500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA D1
LATERAL LIMITS: 300750S 1530239E
then along the clockwise arc of a circle radius 12.00NM centre 301910S 1530716E (CFS/DME) - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA D2
LATERAL LIMITS: 300303S 1530054E
then along the clockwise arc of a circle radius 17.00NM centre 301910S 1530716E (CFS/DME) - 300338S 1531519E
300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre 301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E
then along the clockwise arc of a circle radius 17.00NM centre 301910S 1530716E (CFS/DME) - 302917S 1525126E
302612S 1525559E - 302020S 1525859E
301305S 1530306E - 300750S 1530239E
300303S 1530054E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COFFS HARBOUR CTA D3
LATERAL LIMITS: 295817S 1525908E
then along the clockwise arc of a circle radius 22.00NM centre 301910S 1530716E (CFS/DME) - 295906S 1531745E
300338S 1531519E - 300811S 1531253E
then along the clockwise arc of a circle radius 12.00NM centre 301910S 1530716E (CFS/DME) - 303111S 1530638E
303612S 1530631E - 304113S 1530624E
then along the clockwise arc of a circle radius 22.00NM centre 301910S 1530716E (CFS/DME) - 303217S 1524648E
302917S 1525126E - 302612S 1525559E
302020S 1525859E - 301305S 1530306E
300750S 1530239E - 300303S 1530054E
295817S 1525908E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D1

LATERAL LIMITS: 201934S 1485110E - 201845S 1484806E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 201202S 1485726E
201503S 1485724E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 202408S 1490251E
202537S 1490538E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 203004S 1485625E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 1000 - 1500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D2

LATERAL LIMITS: 201934S 1485110E - 201756S 1484501E
then along the clockwise arc of a circle radius 12.00NM centre
202104S 1485721E (OVRON/WPT) - 200902S 1485728E
201503S 1485724E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 202408S 1490251E
202736S 1490920E
then along the clockwise arc of a circle radius 13.00NM centre
202104S 1485721E (OVRON/WPT) - 203403S 1485600E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D3

LATERAL LIMITS: 201934S 1485110E - 201708S 1484157E
then along the clockwise arc of a circle radius 15.00NM centre
202104S 1485721E (OVRON/WPT) - 200601S 1485730E
201202S 1485726E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 202537S 1490538E
202905S 1491207E
then along the clockwise arc of a circle radius 16.00NM centre
202104S 1485721E (OVRON/WPT) - 203703S 1485541E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YBBB/HAMILTON IS CTA D4

LATERAL LIMITS: 201934S 1485110E - 201514S 1483447E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 195859S 1485734E
201202S 1485726E
then along the clockwise arc of a circle radius 9.00NM centre
202104S 1485721E (OVRON/WPT) - 202537S 1490538E
203202S 1491741E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 204303S 1485504E
202704S 1485643E
then along the clockwise arc of a circle radius 6.00NM centre
202104S 1485721E (OVRON/WPT) - 201934S 1485110E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS PER AIP AND NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA D1

LATERAL LIMITS: 424840S 1471848E - 424826S 1471701E
then along the clockwise arc of a circle radius 11.00NM centre
425050S 1473136E (TASUM/WPT) - 425516S 1474518E
425702S 1475141E
then along the clockwise arc of a circle radius 16.00NM centre
425050S 1473136E (TASUM/WPT) - 430446S 1474219E
425718S 1473140E - 425158S 1472133E
424840S 1471848E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA D2

LATERAL LIMITS: 424840S 1471848E - 424734S 1471020E
then along the clockwise arc of a circle radius 16.00NM centre
425050S 1473136E (TASUM/WPT) - 430446S 1474219E
425718S 1473140E - 425158S 1472133E
424840S 1471848E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CTA D3

LATERAL LIMITS: 424640S 1470330E - 424341S 1465904E
then along the clockwise arc of a circle radius 25.00NM centre
425050S 1473136E (TASUM/WPT) - 422725S 1471944E
423206S 1472204E
then along the clockwise arc of a circle radius 20.00NM centre
425050S 1473136E (TASUM/WPT) - 430738S 1474625E
425718S 1473140E - 425158S 1472133E
424840S 1471848E - 424640S 1470330E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D1

LATERAL LIMITS: 203543S 1163111E - 203637S 1163305E
then along the clockwise arc of a circle radius 14.00NM centre
204254S 1164626E (KA/DME) - 203056S 1165414E
202913S 1165521E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 204800S 1170238E
204722S 1170036E
then along the clockwise arc of a circle radius 14.00NM centre
204254S 1164626E (KA/DME) - 205223S 1163524E
205345S 1163350E
then along the clockwise arc of a circle radius 16.00NM centre
204254S 1164626E (KA/DME) - 203543S 1163111E
VERTICAL LIMITS: 1000 - 2000
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D2

LATERAL LIMITS: 203140S 1162236E - 203449S 1162916E
then along the clockwise arc of a circle radius 18.00NM centre
204254S 1164626E (KA/DME) - 202730S 1165627E
202131S 1170021E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 205051S 1171144E
204838S 1170439E
then along the clockwise arc of a circle radius 18.00NM centre
204254S 1164626E (KA/DME) - 205506S 1163215E
205950S 1162644E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 203140S 1162236E
VERTICAL LIMITS: 2000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D3

LATERAL LIMITS: 202858S 1161653E - 203140S 1162236E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 202131S 1170021E
201622S 1170341E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 205245S 1171749E
205051S 1171144E
then along the clockwise arc of a circle radius 25.00NM centre
204254S 1164626E (KA/DME) - 205950S 1162644E
210353S 1162159E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 202858S 1161653E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA D4

LATERAL LIMITS: A circle radius 31.00NM centre
204254S 1164626E (KA/DME)
VERTICAL LIMITS: 3500 - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA D1

LATERAL LIMITS: 413139S 1470031E - 413037S 1465823E
then along the clockwise arc of a circle radius 11.00NM centre
413238S 1471247E (LT/DME) - 412504S 1472324E
413017S 1472705E
then along the clockwise arc of a circle radius 11.00NM centre
413238S 1471247E (LT/DME) - 414154S 1470452E
413139S 1470031E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA D2

LATERAL LIMITS: 413139S 1470031E - 412746S 1465230E
then along the clockwise arc of a circle radius 16.00NM centre
413238S 1471247E (LT/DME) - 411705S 1471747E
413815S 1473245E
then along the clockwise arc of a circle radius 16.00NM centre
413238S 1471247E (LT/DME) - 414709S 1470346E
414154S 1470452E - 413139S 1470031E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CTA D3

LATERAL LIMITS: 413139S 1470031E - 412531S 1464755E
then along the clockwise arc of a circle radius 20.00NM centre
413238S 1471247E (LT/DME) - 411249S 1471622E
411705S 1471747E - 414238S 1473552E
then along the clockwise arc of a circle radius 20.00NM centre
413238S 1471247E (LT/DME) - 415113S 1470254E
414154S 1470452E - 413139S 1470031E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CTA D1

LATERAL LIMITS: 210904S 1490458E - 210752S 1485946E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 212124S 1491050E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CTA D2

LATERAL LIMITS: 210904S 1490458E - 210640S 1485435E
then along the clockwise arc of a circle radius 16.00NM centre
211023S 1491115E (MK/DME) - 205419S 1491202E
205920S 1491147E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 211548S 1492129E
211812S 1492611E
then along the clockwise arc of a circle radius 16.00NM centre
211023S 1491115E (MK/DME) - 212625S 1491040E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MACKAY CTA D3

LATERAL LIMITS: 210904S 1490458E - 210513S 1484821E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 204818S 1491221E
205920S 1491147E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 211548S 1492129E
212106S 1493149E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 213226S 1491028E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA D1

LATERAL LIMITS: 231922S 1501700E - 231741S 1501153E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 230708S 1503109E
231205S 1503015E
then along the clockwise arc of a circle radius 11.00NM centre
232258S 1502818E (RK/DME) - 232749S 1503902E
232959S 1504357E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 233857S 1502634E
233357S 1502706E
then along the clockwise arc of a circle radius 11.00NM centre
232258S 1502818E (RK/DME) - 231922S 1501700E
VERTICAL LIMITS: 1000 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA D2

LATERAL LIMITS: 231741S 1501153E - 231640S 1500849E
then along the clockwise arc of a circle radius 19.00NM centre
232258S 1502818E (RK/DME) - 230410S 1503141E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
233116S 1504654E
then along the clockwise arc of a circle radius 19.00NM centre
232258S 1502818E (RK/DME) - 234156S 1502615E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ROCKHAMPTON CTA D3

LATERAL LIMITS: 231539S 1500545E
then along the clockwise arc of a circle radius 22.00NM centre
232258S 1502818E (RK/DME) - 230112S 1503213E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504358E
233234S 1504951E
then along the clockwise arc of a circle radius 22.00NM centre
232258S 1502818E (RK/DME) - 234456S 1502556E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
231539S 1500545E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA D1

LATERAL LIMITS: 264709S 1531004E - 264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E - 262926S 1525406E
then along the clockwise arc of a circle radius 12.00NM centre
263552S 1530525E (SU/DME) - 262425S 1530933E
263509S 1531847E
then along the clockwise arc of a circle radius 12.00NM centre
263552S 1530525E (SU/DME) - 264709S 1531004E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA D2

LATERAL LIMITS: 263445S 1532313E
then along the clockwise arc of a circle radius 16.00NM centre
263552S 1530525E (SU/DME) - 265041S 1531217E
264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E - 262734S 1525008E
then along the clockwise arc of a circle radius 16.00NM centre
263552S 1530525E (SU/DME) - 262039S 1531106E
263445S 1532313E
VERTICAL LIMITS: 2500 - 3500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE COAST CTA D3

LATERAL LIMITS: 265255S 1531710E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265212S 1531314E
264250S 1530721E
then along the clockwise arc of a circle radius 7.00NM centre
263603S 1530522E - 264253S 1530336E
then along 1NM EAST BRUCEHWY - 263153S 1525828E
263113S 1525754E - 262543S 1524611E
then along the clockwise arc of a circle radius 20.00NM centre
263552S 1530525E (SU/DME) - 261653S 1531239E
263420S 1532740E
then along the clockwise arc of a circle radius 20.00NM centre
263552S 1530525E (SU/DME) - 265255S 1531710E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TAMWORTH CTA D1

LATERAL LIMITS: 312429S 1510204E - 311722S 1505746E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 310751S 1510641E
310951S 1511543E
then along the clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 312429S 1510204E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

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SECTION 7 - CONTROLLED AIRSPACE E

YMMM/ADELAIDE CTA E1

LATERAL LIMITS: 353001S 1364920E - 351526S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
362422S 1380512E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON CTA E1

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: 700 AGL - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON CTA E2

LATERAL LIMITS: 381343S 1442049E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375526S 1443808E - 380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AYERS ROCK CTA E1

LATERAL LIMITS: A circle radius 50.00NM centre
251110S 1305832E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AYERS ROCK CTA E2

LATERAL LIMITS: A circle radius 60.00NM centre
251110S 1305832E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E1

LATERAL LIMITS: A circle radius 31.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 1200 AGL - 5500
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E2

LATERAL LIMITS: A circle radius 31.00NM centre
175649S 1221405E (BRM/DME)
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E3

LATERAL LIMITS: 180844S 1213400E - 180604S 1214302E
then along the clockwise arc of a circle radius 31.00NM centre
175649S 1221405E (BRM/DME) - 172804S 1222634E
171944S 1223010E
then along the clockwise arc of a circle radius 40.00NM centre
175649S 1221405E (BRM/DME) - 180844S 1213400E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E4

LATERAL LIMITS: 181142S 1212358E - 180604S 1214302E
then along the clockwise arc of a circle radius 31.00NM centre
175649S 1221405E (BRM/DME) - 172804S 1222634E
171027S 1223410E
then along the clockwise arc of a circle radius 50.00NM centre
175649S 1221405E (BRM/DME) - 181142S 1212358E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BROOME CTA E5

LATERAL LIMITS: 181439S 1211355E - 180604S 1214302E
then along the clockwise arc of a circle radius 31.00NM centre
175649S 1221405E (BRM/DME) - 172804S 1222634E
170111S 1223810E
then along the clockwise arc of a circle radius 60.00NM centre
175649S 1221405E (BRM/DME) - 181439S 1211355E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CONTINENTAL AUSTRALIA CTA E1

LATERAL LIMITS: 215000S 1113000E - 193036S 1133123E
184759S 1153344E - 182055S 1164824E
173711S 1184534E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1394000E - 095000S 1410000E
093700S 1410200E - 091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1444210E - 142519S 1450511E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144421S 1470850E
180030S 1473936E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182656S 1480603E
192125S 1484202E - 194456S 1485743E
223410S 1513512E - 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
304020S 1533146E - 315455S 1525531E
then along the clockwise arc of a circle radius 150.00NM centre
335638S 1511057E (SY/DME) - 361400S 1522459E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 422100S 1410000E
371038S 1250454E - 364312S 1200000E
362500S 1164000E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311548S 1125625E
215000S 1113000E

VERTICAL LIMITS: FL125 - FL245

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA E1

LATERAL LIMITS: 131252S 1303742E - 130327S 1304117E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130138S 1311204E
131000S 1311753E
then along the counter clockwise arc of a circle radius 50.00NM centre
122524S 1305423E (DN/DME) - 131252S 1303742E

VERTICAL LIMITS: 8500 - 9500

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA E2

LATERAL LIMITS: 131252S 1303742E - 135031S 1302320E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 134319S 1314108E
131000S 1311753E
then along the clockwise arc of a circle radius 50.00NM centre
122524S 1305423E (DN/DME) - 131252S 1303742E

VERTICAL LIMITS: 9500 - FL125

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/DARWIN CTA E3

LATERAL LIMITS: 131252S 1303742E - 135031S 1302320E
then along the clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 134319S 1314108E
131000S 1311753E
then along the counter clockwise arc of a circle radius 50.00NM centre
122524S 1305423E (DN/DME) - 131252S 1303742E

VERTICAL LIMITS: 8500 - FL125

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YMMM/EAST COAST CTA E1

LATERAL LIMITS: 334737S 1495255E - 334909S 1500530E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 344620S 1504218E
343917S 1505325E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E - 351237S 1500019E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 355158S 1484804E
361452S 1475610E - 370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 382407S 1445921E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
352714S 1464707E - 351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335941S 1493444E - 335051S 1493459E
334737S 1495255E

VERTICAL LIMITS: 8500 - FL125

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/EAST COAST CTA E2

LATERAL LIMITS: 224731S 1473214E - 204343S 1470135E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 174521S 1465948E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
194456S 1485743E - 203857S 1493041E
255215S 1531926E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 271312S 1544854E
then along the clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 293925S 1534506E
304020S 1533146E - 325239S 1522643E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 345904S 1522928E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
332139S 1520152E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330623S 1504357E
331617S 1504654E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 335035S 1501723E
334737S 1495255E - 335051S 1493459E
335941S 1493444E - 341702S 1482730E
332222S 1482227E - 323339S 1493537E
320400S 1504526E - 314847S 1504344E
then along the counter clockwise arc of a circle radius 45.00NM centre
310358S 1504948E (TW/DME) - 314402S 1511359E
312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E - 291933S 1512853E
285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
233636S 1484303E - 231443S 1485118E
232000S 1480000E - 224731S 1473214E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E1

LATERAL LIMITS: A circle radius 31.00NM centre
204254S 1164626E (KA/DME)
VERTICAL LIMITS: 5500 - 6500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E2

LATERAL LIMITS: 202454S 1160820E - 202858S 1161653E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 201622S 1170341E
200840S 1170840E
then along the clockwise arc of a circle radius 40.00NM centre
204254S 1164626E (KA/DME) - 202454S 1160820E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E3

LATERAL LIMITS: 202023S 1155850E - 202858S 1161653E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 201622S 1170341E
200006S 1171412E
then along the clockwise arc of a circle radius 50.00NM centre
204254S 1164626E (KA/DME) - 202023S 1155850E
VERTICAL LIMITS: 8500 - FL115
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KARRATHA CTA E4

LATERAL LIMITS: 201551S 1154920E - 202858S 1161653E
then along the clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 201622S 1170341E
195131S 1171943E
then along the clockwise arc of a circle radius 60.00NM centre
204254S 1164626E (KA/DME) - 201551S 1154920E
VERTICAL LIMITS: FL115 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CTA E

LATERAL LIMITS: 330337S 1144613E - 324514S 1150624E
323411S 1151826E
then along the clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 323216S 1163906E
324042S 1165407E - 325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WILLIAMTOWN CTA E

LATERAL LIMITS: 323334S 1511842E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 325250S 1522506E
325301S 1522631E - 325528S 1522426E
then along the clockwise arc of a circle radius 30.00NM centre
324750S 1514959E (WLM/TAC) - 331308S 1520913E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
324723S 1512415E - 323602S 1512351E
323334S 1511842E
VERTICAL LIMITS: 6500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

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SECTION 8 – OCEANIC CONTROL AREAS

YBBB-YMMM/BRISBANE/MELB OCEANIC CONTROL

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1143000E - 120000S 1232000E
092000S 1265000E - 070000S 1350000E
095000S 1394000E - 095000S 1313558E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 102053S 1291121E
173711S 1184534E - 182055S 1164824E
184759S 1153344E - 193036S 1133123E
215000S 1113000E - 311548S 1125625E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 341113S 1141359E
362500S 1164000E - 364312S 1200000E
371038S 1250454E - 422100S 1410000E
434348S 1455148E - 433115S 1492130E
435103S 1503953E - 430000S 1510000E
381119S 1501914E - 365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 361351S 1522508E
361336S 1522523E - 362926S 1534837E
then along the counter clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 310750S 1531831E
304020S 1533146E - 294913S 1534258E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 245855S 1540000E
231318S 1531430E - 221521S 1520250E
184027S 1510035E - 160959S 1510621E
120000S 1483424E - 120000S 1550000E
140000S 1550000E - 140000S 1611500E
174000S 1630000E - 800000S 1630000E
800000S 0750000E - 060000S 0750000E

VERTICAL LIMITS: FL245 - FL600

CONTROLLING AUTHORITY: Airservices Australia

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SECTION 9 - ATC SECTORS LOW

YMMM/ADELAIDE TMA

LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342756S 1385736E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
342011S 1382231E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ALMA A

LATERAL LIMITS: 252205S 1525624E - 255215S 1531926E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 262106S 1515405E
260151S 1512821E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ALMA B

LATERAL LIMITS: 230540S 1492016E - 224842S 1490924E
222848S 1493500E - 222130S 1495154E
221432S 1500042E - 221700S 1501200E
221500S 1502000E - 221234S 1502527E
220600S 1503000E - 220600S 1504500E
213912S 1515208E - 221521S 1520250E
231318S 1531430E - 245855S 1540000E
255215S 1531926E - 252205S 1525624E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
255704S 1512159E - 243810S 1502030E
231000S 1493500E - 230540S 1492016E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARCHER

LATERAL LIMITS: 113630S 1400000E - 113000S 1413000E
113000S 1440136E - 114330S 1440420E
120000S 1440000E - 120000S 1444211E
142518S 1450511E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
153025S 1414329E - 150000S 1400000E
140000S 1400000E - 113630S 1400000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ARNHEM

LATERAL LIMITS: 100127S 1313932E - 094839S 1313025E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1394000E - 113630S 1400000E
140000S 1400000E - 150000S 1400000E
145629S 1385236E - 150836S 1382042E
154212S 1371254E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
204356S 1361402E - 212959S 1361944E
211232S 1315506E - 190000S 1313000E
171035S 1313000E - 165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ASHMORE B

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 122603S 1261925E
173711S 1184534E - 140813S 1150832E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA A

LATERAL LIMITS: 351016S 1375047E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
342011S 1382231E - 342127S 1382259E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 351016S 1375047E
VERTICAL LIMITS: 8500 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA B

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: 9500 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA C

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA CAP

LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342756S 1385736E - 344448S 1384224E
then along the counter clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 350227S 1381432E
351016S 1375047E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
342011S 1382231E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON APPROACH A

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON APPROACH B

LATERAL LIMITS: 381343S 1442049E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375526S 1443808E - 380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BARKLY A

LATERAL LIMITS: 204356S 1361402E - 190114S 1374020E
190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
190500S 1425000E - 181748S 1435032E
183439S 1444606E - 182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 220117S 1454751E
215114S 1453526E - 214333S 1452558E
214342S 1435344E - 220825S 1425753E
231000S 1404617E - 231000S 1370050E
221751S 1363807E - 215132S 1362225E
204356S 1361402E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BARKLY B

LATERAL LIMITS: 204356S 1361402E - 190114S 1374020E
190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
190500S 1425000E - 181748S 1435032E
184922S 1440724E - 192553S 1442704E
201158S 1445336E - 212657S 1454628E
220117S 1454751E - 215114S 1453526E
214333S 1452558E - 214342S 1435344E
220825S 1425753E - 231000S 1404617E
231000S 1370050E - 221751S 1363807E
215132S 1362225E - 204356S 1361402E
VERTICAL LIMITS: FL180 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BATHURST A

LATERAL LIMITS: 335035S 1501723E - 334909S 1500530E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 331853S 1502258E
332539S 1503147E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 335035S 1501723E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BATHURST B

LATERAL LIMITS: 334737S 1495255E - 334836S 1494726E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330843S 1500948E
331853S 1502258E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 334909S 1500530E
334737S 1495255E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BATHURST C

LATERAL LIMITS: 341702S 1482730E - 332222S 1482227E
323732S 1492953E - 330843S 1500948E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334836S 1494726E
335049S 1493506E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
341702S 1482730E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BATHURST D

LATERAL LIMITS: 325607S 1480326E - 323809S 1481522E
323814S 1483942E - 325958S 1485623E
332222S 1482227E - 341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOGAN A

LATERAL LIMITS: 290000S 1433000E - 290000S 1442500E
290000S 1463200E - 292027S 1464641E
305846S 1475856E - 314002S 1464609E
324857S 1461901E - 325711S 1461543E
331136S 1453123E - 333700S 1452924E
332045S 1450242E - 330800S 1444200E
330000S 1440000E - 330000S 1433100E
332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E - 303000S 1395257E
303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOGAN B

LATERAL LIMITS: 290000S 1433000E - 290000S 1442500E
290000S 1463200E - 292027S 1464641E
305846S 1475856E - 320540S 1484951E
321916S 1490651E - 322939S 1482158E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
331136S 1453123E - 333700S 1452924E
332045S 1450242E - 330800S 1444200E
330000S 1440000E - 330000S 1433100E
332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E - 303000S 1395257E
303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BUNYA

LATERAL LIMITS: 275324S 1524511E - 285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
262106S 1515405E - 263916S 1520608E
270515S 1521528E - 271200S 1523635E
271325S 1524103E - 274234S 1525259E
274413S 1525155E - 275324S 1524511E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CABLE

LATERAL LIMITS: 173711S 1184534E - 161105S 1205545E
142014S 1233752E - 154406S 1250206E
155648S 1251500E - 164200S 1262800E
181500S 1235000E - 203000S 1235000E
205402S 1231847E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS APPROACH

LATERAL LIMITS: A circle radius 36.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CANNING

LATERAL LIMITS: 142014S 1233752E - 122603S 1261925E
123955S 1280111E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 165510S 1313645E
171035S 1313000E - 190000S 1313000E
211232S 1315506E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 205402S 1231847E
203000S 1235000E - 181500S 1235000E
164200S 1262800E - 155648S 1251500E
154406S 1250206E - 142014S 1233752E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COBOURG A

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: BCTA - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/COBOURG B

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: FL180 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/COOPER

LATERAL LIMITS: 231000S 1370050E - 231000S 1404617E
220825S 1425753E - 214342S 1435344E
214333S 1452558E - 220117S 1454751E
225859S 1455231E - 255045S 1473000E
272000S 1473545E - 280312S 1470518E
290000S 1463200E - 290000S 1433000E
261331S 1382324E - 231000S 1370050E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CORAL APPROACH MACKAY

LATERAL LIMITS: 210513S 1484821E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 204818S 1491221E
205920S 1491147E
then along the clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 211548S 1492129E
212749S 1494500E
then along the clockwise arc of a circle radius 36.00NM centre
211023S 1491115E (MK/DME) - 214628S 1491000E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
210513S 1484821E
VERTICAL LIMITS: BCTA - FL150
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CORAL APPROACH ROCKHAMPTON

LATERAL LIMITS: 231055S 1495127E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 224720S 1503444E
230708S 1503109E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 232959S 1504357E
233835S 1510338E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 235855S 1502427E
233857S 1502634E
then along the clockwise arc of a circle radius 16.00NM centre
232258S 1502818E (RK/DME) - 231741S 1501153E
231055S 1495127E
VERTICAL LIMITS: BCTA - FL150
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DAWSON A

LATERAL LIMITS: 255045S 1473000E - 251204S 1470736E
252729S 1483320E - 251258S 1493128E
252031S 1500000E - 251744S 1502359E
263045S 1503032E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 283745S 1504159E
290000S 1490000E - 290807S 1474257E
292027S 1464641E - 290000S 1463200E
280312S 1470518E - 272000S 1473545E
255045S 1473000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DAWSON B

LATERAL LIMITS: 263045S 1503032E - 251744S 1502359E
251446S 1504849E - 255704S 1512159E
260151S 1512821E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 282954S 1511632E
283745S 1504159E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 263045S 1503032E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/DOOKIE A

LATERAL LIMITS: 365113S 1445303E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
363045S 1454137E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 375448S 1460718E
374708S 1452708E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445203E
365113S 1445303E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DUBBO A

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
320540S 1484951E - 323732S 1492953E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
324857S 1461901E - 314002S 1464609E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/DUBBO B

LATERAL LIMITS: 305846S 1475856E - 320540S 1484951E
321916S 1490651E - 323732S 1492953E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
314002S 1464609E - 305846S 1475856E
VERTICAL LIMITS: FL180 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/DUBBO C

LATERAL LIMITS: 324857S 1461901E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
324857S 1461901E
VERTICAL LIMITS: FL125 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/EMERALD A

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
225245S 1481740E - 230540S 1492016E
231000S 1493500E - 243810S 1502030E
251744S 1502359E - 252031S 1500000E
251258S 1493128E - 252729S 1483320E
251204S 1470736E - 225859S 1455231E
220117S 1454751E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/EMERALD B

LATERAL LIMITS: 251744S 1502359E - 243810S 1502030E
251446S 1504849E - 251744S 1502359E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/FORREST LOW

LATERAL LIMITS: 305100S 1233737E - 293000S 1250000E
284701S 1275000E - 283616S 1290000E
282326S 1301837E - 280951S 1313652E
294337S 1331818E - 313500S 1352500E
322545S 1350201E - 325942S 1350800E
335023S 1342334E - 344618S 1350000E
353001S 1350000E - 361004S 1350000E
365730S 1394000E - 385404S 1394000E
385404S 1410000E - 403000S 1410000E
411800S 1410000E - 422100S 1410000E
371038S 1250454E - 350427S 1250010E
325136S 1240000E - 320000S 1235018E
305100S 1233737E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GOULBURN A

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
340250S 1492244E - 342812S 1491631E
then along the counter clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 343731S 1492047E
then along the clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 344738S 1494503E
345458S 1493646E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345200S 1493214E
345232S 1490600E - 345618S 1485922E
350920S 1483619E - 345149S 1475032E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GOULBURN B

LATERAL LIMITS: 340250S 1492244E - 335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344202S 1495122E
344738S 1494503E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 343731S 1492047E
then along the clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 342812S 1491631E
340250S 1492244E
VERTICAL LIMITS: 8500 - FL200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON A

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON B

LATERAL LIMITS: 282406S 1521819E - 281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
291243S 1535052E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 282406S 1521819E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON C

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E - 300954S 1533828E
304020S 1533146E - 310807S 1531823E
310916S 1530546E - 305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
304908S 1522033E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON D

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E - 300954S 1533828E
304020S 1533146E - 310807S 1531823E
310916S 1530546E - 310415S 1530553E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 304602S 1522523E
304908S 1522033E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON E

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283818S 1531819E
285137S 1532225E
then along the counter clockwise arc of a circle radius 5.00NM centre
285018S 1532755E (BERNI/WPT) - 285326S 1533222E
283527S 1534836E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON F

LATERAL LIMITS: 285402S 1523542E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E
then along the clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 292636S 1524731E
285402S 1523542E
VERTICAL LIMITS: FL125 - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GRAFTON G

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 285402S 1523542E
292636S 1524731E
then along the counter clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 293411S 1534614E
300954S 1533828E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART APPROACH

LATERAL LIMITS: 421022S 1462144E - 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E - 421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
422231S 1463007E - 421022S 1462144E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HUME A

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
350920S 1483619E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 354549S 1490148E
360704S 1481400E - 360306S 1471740E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 355401S 1464239E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HUME B

LATERAL LIMITS: 345049S 1474758E - 350920S 1483619E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 354549S 1490148E
360704S 1481400E - 360306S 1471740E
360405S 1465758E - 355401S 1464239E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
345049S 1474758E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/HUON B

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
393748S 1474428E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1483758E
403402S 1503839E - 423000S 1505529E
423000S 1480943E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 421946S 1475328E
420626S 1480244E - 415306S 1481156E
then along the counter clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414657S 1474758E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 420607S 1461849E
421022S 1462144E - 424756S 1422850E
422100S 1410000E - 385404S 1410000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/HUON C

LATERAL LIMITS: 424756S 1422850E - 421022S 1462144E
422231S 1463007E - 423612S 1464828E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423000S 1480943E
423000S 1505529E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 424756S 1422850E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH LOW A

LATERAL LIMITS: 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
303803S 1161543E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 315854S 1173135E
315745S 1174321E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325436S 1171906E
322416S 1162456E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH LOW B

LATERAL LIMITS: 335447S 1134859E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
314307S 1200000E - 313731S 1203004E
321857S 1203917E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JERVIS A

LATERAL LIMITS: 343848S 1494851E - 342023S 1502453E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345458S 1493646E
344202S 1495122E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 343848S 1494851E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/JERVIS B

LATERAL LIMITS: 344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
354449S 1503709E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 345607S 1505957E
344356S 1510000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KALANNIE A

LATERAL LIMITS: 310215S 1172130E - 310812S 1171207E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303646S 1155014E
302644S 1155010E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KALANNIE B

LATERAL LIMITS: 300013S 1134939E - 300000S 1124356E
273000S 1122001E - 274109S 1160000E
280014S 1183807E - 280853S 1184525E
291800S 1200000E - 310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE A

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE B

LATERAL LIMITS: 151520S 1295433E - 150544S 1295421E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 145901S 1321037E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141015S 1324450E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE C

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
115141S 1321938E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 135031S 1302320E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KATHERINE D

LATERAL LIMITS: 135031S 1302320E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 115141S 1321938E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
135031S 1302320E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KELLA A

LATERAL LIMITS: 310812S 1171207E - 310215S 1172130E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
315854S 1173135E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 310812S 1171207E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KELLA B

LATERAL LIMITS: 310215S 1172130E - 291800S 1200000E
313731S 1203004E - 314307S 1200000E
315745S 1174321E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KINGSCOTE

LATERAL LIMITS: 353001S 1350000E - 353001S 1364920E
351016S 1375047E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 352836S 1385213E
364000S 1394000E - 365730S 1394000E
361004S 1350000E - 353001S 1350000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON APPROACH

LATERAL LIMITS: A circle radius 30.00NM centre
413238S 1471247E (LT/DME)
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN LOW A

LATERAL LIMITS: 330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
303646S 1155014E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303803S 1161543E
312114S 1160519E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
330337S 1144613E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN LOW B

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E - 305736S 1143805E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON A

LATERAL LIMITS: 365941S 1442423E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365435S 1445252E
370936S 1445204E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 371217S 1443454E
365941S 1442423E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON B

LATERAL LIMITS: 380146S 1440104E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365941S 1442423E
371217S 1443454E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
380146S 1440104E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
365113S 1445303E - 365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382936S 1430048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LODDON D

LATERAL LIMITS: 382936S 1430048E - 375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MALLEE A

LATERAL LIMITS: 332034S 1403410E - 330000S 1433100E
350500S 1432612E - 350500S 1412138E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 332034S 1403410E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MALLEE B

LATERAL LIMITS: 330000S 1433100E - 330000S 1440000E
330800S 1444200E - 333700S 1452924E
342100S 1452546E - 345156S 1455200E
350406S 1465632E - 350521S 1465521E
352230S 1463136E - 360813S 1454128E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360152S 1442325E
350500S 1432612E - 330000S 1433100E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MALLEE C

LATERAL LIMITS: 335010S 1400139E - 331736S 1403036E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 350500S 1412138E
350500S 1432612E - 360152S 1442325E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 385404S 1432539E
385404S 1394000E - 364000S 1394000E
362457S 1392947E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 335010S 1400139E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE TMA B

LATERAL LIMITS: 380836S 1442149E - 380033S 1442323E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375533S 1452236E
380505S 1452930E
then along the clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381853S 1444044E
380907S 1443338E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MITCHELL A

LATERAL LIMITS: 375533S 1452236E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
375448S 1460718E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E - 381343S 1442049E
then along the counter clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381247S 1443617E
381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 380505S 1452930E
375533S 1452236E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MITCHELL B

LATERAL LIMITS: 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
380836S 1442149E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MITCHELL C

LATERAL LIMITS: 381343S 1442049E - 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MYALL A

LATERAL LIMITS: 312647S 1513304E - 304152S 1520220E
304908S 1522033E - 304040S 1523347E
then along the counter clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 305514S 1530605E
310916S 1530546E - 310807S 1531823E
325301S 1522631E - 333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
322728S 1510559E - 312647S 1513304E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MYALL B

LATERAL LIMITS: 312647S 1513304E - 304152S 1520220E
304908S 1522033E - 304602S 1522523E
then along the counter clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 310415S 1530553E
310916S 1530546E - 310807S 1531823E
325301S 1522631E - 325005S 1520359E
324049S 1513415E - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NAMBOUR

LATERAL LIMITS: 270515S 1521528E - 263916S 1520608E
262106S 1515405E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
261007S 1532543E - 262610S 1533751E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 271200S 1523635E
270515S 1521528E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL A

LATERAL LIMITS: 332539S 1503147E - 331853S 1502258E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330623S 1504357E
331617S 1504654E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL B

LATERAL LIMITS: 331853S 1502258E - 330843S 1500948E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 325137S 1503935E
330623S 1504357E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 331853S 1502258E
VERTICAL LIMITS: SFC - FL155
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL C

LATERAL LIMITS: 323732S 1492953E - 323339S 1493537E
321133S 1502751E - 323202S 1503349E
325137S 1503935E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330843S 1500948E
323732S 1492953E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWELL D

LATERAL LIMITS: 290000S 1490000E - 282954S 1511632E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 302504S 1505226E
304857S 1504946E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
313933S 1504242E - 315000S 1503007E
315540S 1502316E - 315803S 1502357E
321133S 1502751E - 323339S 1493537E
323732S 1492953E - 322154S 1491009E
320540S 1484951E - 292027S 1464641E
290807S 1474257E - 290000S 1490000E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/OPAL

LATERAL LIMITS: 250104S 1375016E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 321805S 1392655E
313500S 1390000E - 313500S 1375000E
313500S 1352500E - 294337S 1331818E
280951S 1313652E - 255307S 1325836E
260734S 1362607E - 250104S 1375016E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS A

LATERAL LIMITS: 363045S 1454137E - 361207S 1455112E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 363045S 1454137E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS B

LATERAL LIMITS: 353633S 1461620E - 355401S 1464239E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360306S 1471740E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
353633S 1461620E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS C

LATERAL LIMITS: 362404S 1452346E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
363045S 1454137E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 362404S 1452346E
VERTICAL LIMITS: 8500 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OVENS D

LATERAL LIMITS: 353633S 1461620E - 355401S 1464239E
360405S 1465758E - 360306S 1471740E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
353633S 1461620E
VERTICAL LIMITS: 8500 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH APPROACH

LATERAL LIMITS: A circle radius 36.00NM centre
315642S 1155734E (PH/DME)
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/PRAWN

LATERAL LIMITS: 154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
153025S 1414329E - 160303S 1431641E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 165754S 1430822E
181748S 1435032E - 190500S 1425000E
200156S 1410740E
then along the counter clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 192234S 1403652E
190523S 1400510E - 190114S 1374020E
172018S 1370918E - 154212S 1371254E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SANDON A

LATERAL LIMITS: 331617S 1504654E - 323202S 1503349E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331617S 1504654E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SANDON B

LATERAL LIMITS: 302504S 1505226E - 294903S 1511235E
302619S 1514009E - 302821S 1514302E
304152S 1520220E - 312647S 1513304E
322728S 1510559E - 322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323202S 1503349E
315803S 1502357E - 315540S 1502316E
315000S 1503007E - 313933S 1504242E
311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SANDON C

LATERAL LIMITS: 302504S 1505226E - 294903S 1511235E
302619S 1514009E - 302821S 1514302E
304152S 1520220E - 312647S 1513304E
322728S 1510559E - 322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323202S 1503349E
315803S 1502357E - 315540S 1502316E
315000S 1503007E - 313933S 1504242E
311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY A

LATERAL LIMITS: 382732S 1461141E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 382732S 1461141E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY B

LATERAL LIMITS: 372642S 1462949E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 382732S 1461141E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY C

LATERAL LIMITS: 371730S 1465303E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372237S 1474033E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 381241S 1481147E
then along the clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 391933S 1473351E
385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SNOWY D

LATERAL LIMITS: 354549S 1490148E - 353327S 1492531E
352548S 1493833E - 354449S 1503709E
363646S 1504249E
then along the clockwise arc of a circle radius 100.00NM centre
345700S 1503200E (NWA/TAC) - 355125S 1484918E
354549S 1490148E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SNOWY E

LATERAL LIMITS: 360704S 1481400E - 355125S 1484918E
then along the counter clockwise arc of a circle radius 100.00NM centre
345700S 1503200E (NWA/TAC) - 363646S 1504249E
365643S 1504503E - 380000S 1502312E
381119S 1501914E - 400000S 1503354E
403402S 1503839E - 400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 393748S 1474428E
391933S 1473351E
then along the counter clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 381241S 1481147E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372237S 1474033E
360704S 1481400E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SPENCER

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SPENCER B

LATERAL LIMITS: 351016S 1375047E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
342011S 1382231E - 342127S 1382259E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 351016S 1375047E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/SPENCER C

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SUNSHINE

LATERAL LIMITS: 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
274436S 1540000E - 282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
275324S 1524511E - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
271325S 1524103E - 271200S 1523635E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY RADAR NORTH

LATERAL LIMITS: 333139S 1505947E - 331422S 1505212E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
341121S 1512717E - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
then along SY COAST 3 - 335003S 1511654E
334949S 1511705E
then along the counter clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334932S 1510518E
334548S 1510443E - 334105S 1505953E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333139S 1505947E
VERTICAL LIMITS: SFC - FL280
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY RADAR SOUTH

LATERAL LIMITS: 331422S 1505212E - 333139S 1505947E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 334105S 1505953E
334548S 1510443E - 334932S 1510518E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334949S 1511705E
335003S 1511654E
then along SY COAST 3 - 335222S 1511704E
then along SY COAST 4 - 335334S 1511706E
335807S 1511557E - 335935S 1511508E
335936S 1511457E - 335940S 1511456E
335945S 1511456E - 335949S 1511501E
340006S 1511500E - 340108S 1511348E
then along SY COAST 5 - 340204S 1511331E
340206S 1511320E - 340207S 1511319E
340214S 1511321E
then along SY COAST 6 - 340220S 1511011E
340221S 1510948E - 340223S 1510946E
340234S 1510946E
then along SY COAST 7 - 340417S 1510922E
340434S 1511004E
then along SY COAST 8 - 340505S 1511015E
340507S 1511016E - 341121S 1512717E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
VERTICAL LIMITS: SFC - FL280
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TAILEM BEND

LATERAL LIMITS: 333822S 1394630E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
365730S 1394000E - 361004S 1350000E
353001S 1350000E - 353001S 1364920E
351016S 1375047E - 350227S 1381432E
then along the clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 344448S 1384224E
342756S 1385736E - 334220S 1394417E
333822S 1394630E
VERTICAL LIMITS: FL245 - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TAILEM BEND A

LATERAL LIMITS: 334220S 1394417E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 331736S 1403036E
335010S 1400139E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 362457S 1392947E
352836S 1385213E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342756S 1385736E
334220S 1394417E
VERTICAL LIMITS: SFC - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TEMORA A

LATERAL LIMITS: 324857S 1461901E - 325607S 1480326E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
325711S 1461543E - 324857S 1461901E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TEMORA B

LATERAL LIMITS: 331136S 1453123E - 325711S 1461543E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/TODD EAST

LATERAL LIMITS: 221058S 1301335E - 211209S 1315024E
211232S 1315506E - 212959S 1361944E
215132S 1362225E - 221751S 1363807E
231000S 1370050E - 250104S 1375016E
260734S 1362607E - 255307S 1325836E
251148S 1331711E
then along the clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 234638S 1321434E
221058S 1301335E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/TODD WEST

LATERAL LIMITS: 221058S 1301335E - 234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE APPROACH

LATERAL LIMITS: A circle radius 36.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

YBBB-YMMM/WARBURTON LOW

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YASS

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335049S 1493506E
334737S 1495255E - 335035S 1501723E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342023S 1502453E
343848S 1494851E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344202S 1495122E
345458S 1493646E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345200S 1493214E
345232S 1490600E - 345618S 1485922E
350920S 1483619E - 345149S 1475032E

VERTICAL LIMITS: SFC - 8500

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

YBBB/YORK

LATERAL LIMITS: 113630S 1400000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
113000S 1413000E - 113630S 1400000E

VERTICAL LIMITS: SFC - FL285

HOURS OF ACTIVITY: H24

CONTROLLING AUTHORITY: Airservices Australia

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SECTION 10 - ATC SECTORS HIGH/LOW

YBBB-YMMM/ALICE SPRINGS EAST

LATERAL LIMITS: 221058S 1301335E - 211209S 1315024E
211232S 1315506E - 212959S 1361944E
215132S 1362225E - 221751S 1363807E
231000S 1370050E - 250104S 1375016E
260734S 1362607E - 255307S 1325836E
251148S 1331711E
then along the clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 234638S 1321434E
221058S 1301335E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ALICE SPRINGS WEST

LATERAL LIMITS: 242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARAFURA

LATERAL LIMITS: 072338S 1334000E - 070000S 1350000E
073654S 1360000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1483424E - 160959S 1510621E
165817S 1510431E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
153025S 1414329E - 150000S 1400000E
145629S 1385236E - 150836S 1382042E
154212S 1371254E - 163557S 1371056E
154648S 1363051E - 144216S 1345658E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
094839S 1313025E - 081924S 1302716E
072338S 1334000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARAFURA B

LATERAL LIMITS: 072338S 1334000E - 070000S 1350000E
073654S 1360000E - 095000S 1394000E
095000S 1313558E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
081924S 1302716E - 072338S 1334000E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ARMIDALE

LATERAL LIMITS: 313806S 1502905E - 302743S 1514208E
304152S 1520220E - 323602S 1512351E
322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323202S 1503349E
321133S 1502751E - 315540S 1502316E
315217S 1502217E - 314413S 1502404E
313806S 1502905E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ASHMORE NORTH

LATERAL LIMITS: 122603S 1261925E - 123955S 1280111E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 135504S 1282612E
164551S 1263346E - 174545S 1255325E
145251S 1225045E - 122603S 1261925E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ASHMORE OCEAN

LATERAL LIMITS: 140813S 1150832E - 120000S 1143000E
120000S 1232000E - 122603S 1261925E
145251S 1225045E - 173711S 1184534E
140813S 1150832E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ASHMORE SOUTH

LATERAL LIMITS: 173711S 1184534E - 145251S 1225045E
174545S 1255325E - 183510S 1251942E
210550S 1234207E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AUGUSTA HIGH

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E - 334220S 1394417E
334643S 1393950E - 341716S 1390838E
342756S 1385736E - 344448S 1384224E
then along the counter clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 350227S 1381432E
351016S 1375047E - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BARRA A

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144419S 1470850E
165130S 1472840E - 165105S 1471830E
164444S 1462136E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164858S 1450709E
164146S 1430834E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BARRA B

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144419S 1470850E
165130S 1472840E - 165105S 1471830E
164256S 1460559E
then along the counter clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 164947S 1452144E
164146S 1430834E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BENALLA

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
352057S 1481617E - 351741S 1485821E
then along the counter clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 352540S 1490337E
354549S 1490148E - 360704S 1481400E
372237S 1474033E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 381241S 1481147E
380556S 1470858E - 380316S 1465314E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BINDOOK A

LATERAL LIMITS: 335049S 1493506E - 334737S 1495255E
335035S 1501723E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342023S 1502453E
343848S 1494851E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335049S 1493506E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/BINDOOK B

LATERAL LIMITS: 342812S 1491631E - 340250S 1492244E
335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344202S 1495122E
344738S 1494503E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 343731S 1492047E
then along the clockwise arc of a circle radius 100.00NM centre
335638S 1511057E (SY/DME) - 342812S 1491631E
VERTICAL LIMITS: FL200 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOURKE EAST

LATERAL LIMITS: 331136S 1453123E - 333700S 1452924E
332045S 1450242E - 330800S 1444200E
330000S 1440000E - 330000S 1433100E
314754S 1433100E - 310000S 1424844E
295353S 1424054E - 290000S 1433000E
290000S 1442500E - 290000S 1463200E
292027S 1464641E - 305846S 1475856E
320540S 1484951E - 321916S 1490651E
322939S 1482158E - 323809S 1481522E
325607S 1480326E - 332313S 1474517E
325711S 1461543E - 331136S 1453123E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BOURKE WEST

LATERAL LIMITS: 330000S 1433100E - 332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E - 303000S 1395257E
303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
295353S 1424054E - 310000S 1424844E
314754S 1433100E - 330000S 1433100E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH BRISBANE

LATERAL LIMITS: 275043S 1531815E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
271325S 1524103E - 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
274614S 1533437E - 275043S 1531815E
VERTICAL LIMITS: BCTA - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH GOLD COAST A

LATERAL LIMITS: 275148S 1531240E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275043S 1531815E
274614S 1533437E - 273519S 1533835E
273641S 1534144E - 274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275120S 1535642E
281008S 1533014E - 281712S 1530610E
275148S 1531240E
VERTICAL LIMITS: BCTA - 7500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH GOLD COAST B

LATERAL LIMITS: 282827S 1530316E - 281712S 1530610E
281330S 1531849E - 281008S 1533014E
275120S 1535642E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275544S 1540000E
282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
VERTICAL LIMITS: BCTA - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE APPROACH GOLD COAST C

LATERAL LIMITS: 283527S 1534836E - 285326S 1533222E
then along the clockwise arc of a circle radius 5.00NM centre
285018S 1532755E (BERNI/WPT) - 285137S 1532225E
283818S 1531819E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283527S 1534836E
VERTICAL LIMITS: 8500 - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT A

LATERAL LIMITS: 271325S 1524103E - 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265413S 1525521E
271047S 1525559E - 271325S 1524103E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT B

LATERAL LIMITS: 270515S 1521528E - 263916S 1520608E
262106S 1515405E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255816S 1523043E
261816S 1524725E - 264431S 1525216E
265413S 1525521E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 271200S 1523635E
270515S 1521528E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT C

LATERAL LIMITS: 265137S 1513322E - 264115S 1510154E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
262106S 1515405E - 263916S 1520608E
270515S 1521528E - 265137S 1513322E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BURNETT D

LATERAL LIMITS: 262106S 1515405E - 260151S 1512821E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 253334S 1521015E
255816S 1523043E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 262106S 1515405E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA TMA

LATERAL LIMITS: 350920S 1483619E - 345232S 1490600E
345200S 1493214E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 350920S 1483619E
VERTICAL LIMITS: BCTA - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CARNARVON NORTH

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
225245S 1481740E - 230540S 1492016E
231000S 1493500E - 243810S 1502030E
251744S 1502359E - 252031S 1500000E
251258S 1493128E - 252729S 1483320E
251204S 1470736E - 241919S 1463729E
225859S 1455231E - 220117S 1454751E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CARNARVON SOUTH

LATERAL LIMITS: 251744S 1502359E - 263045S 1503032E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 283745S 1504159E
290000S 1490000E - 290807S 1474257E
291447S 1471248E - 251204S 1470736E
252729S 1483320E - 251258S 1493128E
252031S 1500000E - 251744S 1502359E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CESSNOCK

LATERAL LIMITS: 331617S 1504654E - 323202S 1503349E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
323602S 1512351E - 324723S 1512415E
331205S 1511918E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331617S 1504654E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/CESSNOCK/SYDNEY CAP

LATERAL LIMITS: 333139S 1505947E - 331422S 1505212E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
334146S 1511341E - 333938S 1510033E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333139S 1505947E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CORAL

LATERAL LIMITS: 120000S 1483424E - 120000S 1550000E
140000S 1550000E - 140000S 1611500E
165817S 1623945E - 165817S 1510431E
160959S 1510621E - 120000S 1483424E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CROSS

LATERAL LIMITS: 310215S 1172130E - 291800S 1200000E
311007S 1202403E - 314125S 1174140E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/DALLY

LATERAL LIMITS: 302814S 1161803E - 291930S 1163413E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 302017S 1182634E
310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DOWNS A

LATERAL LIMITS: 275324S 1524511E - 285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
265137S 1513322E - 270515S 1521528E
271200S 1523635E - 271325S 1524103E
274234S 1525259E - 274413S 1525155E
275324S 1524511E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/DOWNS D

LATERAL LIMITS: 263045S 1503032E - 264115S 1510154E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 292248S 1512706E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 263045S 1503032E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/EILDON WEIR HIGH A

LATERAL LIMITS: 372936S 1445058E - 370936S 1445203E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
374220S 1450239E
then along the clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 372936S 1445058E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/EILDON WEIR HIGH B

LATERAL LIMITS: 365113S 1445303E - 362404S 1452346E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 375846S 1462834E
374708S 1452708E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445203E
365113S 1445303E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/EILDON WEIR HIGH C

LATERAL LIMITS: 362404S 1452346E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
375846S 1462834E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 362404S 1452346E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ESPERANCE

LATERAL LIMITS: 320000S 1203503E - 320000S 1235018E
325136S 1240000E - 350427S 1250010E
371038S 1250454E - 364312S 1200000E
350000S 1201551E - 344956S 1201722E
321857S 1203917E - 320000S 1203503E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/FLINDERS

LATERAL LIMITS: 165817S 1510431E - 165817S 1623945E
174000S 1630000E - 264859S 1630000E
265738S 1555419E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 245855S 1540000E
231318S 1531430E - 221521S 1520250E
213912S 1515208E - 191613S 1511044E
184027S 1510035E - 165817S 1510431E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/FORREST

LATERAL LIMITS: 350427S 1250010E - 325136S 1240000E
320000S 1235018E - 305100S 1233737E
293000S 1250000E - 284701S 1275000E
283616S 1290000E - 282326S 1301837E
280951S 1313652E - 294337S 1331818E
313500S 1352500E - 322545S 1350201E
325942S 1350800E - 335023S 1342334E
344618S 1350000E - 353001S 1350000E
361004S 1350000E - 365730S 1394000E
385404S 1394000E - 385404S 1410000E
403000S 1410000E - 411800S 1410000E
422100S 1410000E - 371038S 1250454E
350427S 1250010E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GERALDTON

LATERAL LIMITS: 300000S 1124356E - 273000S 1122001E
274044S 1154910E - 274109S 1160000E
274810S 1165509E - 291930S 1163413E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 300013S 1134939E
300000S 1124356E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST A

LATERAL LIMITS: 282827S 1530316E - 281712S 1530610E
281330S 1531849E - 281008S 1533014E
275120S 1535642E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275544S 1540000E
282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST B

LATERAL LIMITS: 275043S 1531815E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
272458S 1530821E - 273519S 1533835E
274614S 1533437E - 275043S 1531815E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST C

LATERAL LIMITS: 281712S 1530610E - 275148S 1531240E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275043S 1531815E
274614S 1533437E - 273519S 1533835E
273641S 1534144E - 274253S 1534434E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275120S 1535642E
281008S 1533014E - 281330S 1531849E
281712S 1530610E
VERTICAL LIMITS: 7500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST D

LATERAL LIMITS: 274706S 1524949E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275148S 1531240E
282827S 1530316E - 282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
275324S 1524511E - 274706S 1524949E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST E

LATERAL LIMITS: 274253S 1534434E - 273641S 1534144E
274436S 1540000E - 275544S 1540000E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 275120S 1535642E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 274253S 1534434E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/GOLD COAST F

LATERAL LIMITS: 282613S 1523635E - 282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 285526S 1535434E
then along the clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GRIFFITH

LATERAL LIMITS: 331136S 1453123E - 325711S 1461543E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GROVE

LATERAL LIMITS: 291930S 1163413E - 274810S 1165509E
280014S 1183807E - 280853S 1184525E
291800S 1200000E - 302017S 1182634E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/GUNDAGAI A

LATERAL LIMITS: 345049S 1474758E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344202S 1495122E
345458S 1493646E - 350852S 1492057E
then along the counter clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 351741S 1485821E
352057S 1481617E - 345049S 1474758E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/HUON A

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
394736S 1450730E - 400000S 1451201E
400000S 1463549E
then along the counter clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 391933S 1473351E
393748S 1474428E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1483758E
403402S 1503839E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 424756S 1422850E
422100S 1410000E - 385404S 1410000E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HYDEN

LATERAL LIMITS: 314125S 1174140E - 311007S 1202403E
321857S 1203917E - 344956S 1201722E
335400S 1183100E - 325550S 1171752E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 314125S 1174140E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/INDIAN

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 090000S 1022026E
105900S 1025800E - 171600S 1050000E
250000S 1100000E - 252513S 1120107E
273000S 1122001E - 311548S 1125625E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 341113S 1141359E
362500S 1164000E - 364312S 1200000E
900000S 1200000E - 060000S 0750000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/INDIAN EAST

LATERAL LIMITS: 105900S 1025800E - 090000S 1022026E
120000S 1070000E - 120000S 1143000E
140813S 1150832E - 173711S 1184534E
184759S 1153344E - 193036S 1133123E
215000S 1113000E - 252513S 1120107E
250000S 1100000E - 171600S 1050000E
105900S 1025800E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/INDIAN SOUTH

LATERAL LIMITS: 364312S 1200000E - 371038S 1250454E
422100S 1410000E - 424756S 1422850E
434348S 1455148E - 433115S 1492130E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 364312S 1200000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/INVERELL A

LATERAL LIMITS: 284314S 1520123E - 282406S 1521819E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 285402S 1523542E
292636S 1524731E
then along the counter clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 293411S 1534614E
300954S 1533828E - 304152S 1520220E
302821S 1514302E - 302619S 1514009E
294903S 1511235E - 291933S 1512853E
284314S 1520123E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/INVERELL B

LATERAL LIMITS: 285402S 1523542E
then along the counter clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 291243S 1535052E
293411S 1534614E
then along the clockwise arc of a circle radius 85.00NM centre
281008S 1533014E (CG/DME) - 292636S 1524731E
285402S 1523542E
VERTICAL LIMITS: FL155 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/INVERELL C

LATERAL LIMITS: 282406S 1521819E - 281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
291243S 1535052E
then along the clockwise arc of a circle radius 65.00NM centre
281008S 1533014E (CG/DME) - 282406S 1521819E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ISA EAST

LATERAL LIMITS: 164146S 1430834E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 165754S 1430822E
181748S 1435032E - 184922S 1440724E
192553S 1442704E - 201158S 1445336E
212657S 1454628E - 220117S 1454751E
215114S 1453526E - 214333S 1452558E
214342S 1435344E - 215448S 1432845E
190626S 1405844E - 163858S 1422700E
164146S 1430834E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/ISA NORTH

LATERAL LIMITS: 172018S 1370918E - 154212S 1371254E
150836S 1382042E - 145629S 1385236E
150000S 1400000E - 153025S 1414329E
160303S 1431641E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
163858S 1422700E - 190626S 1405844E
190114S 1374020E - 172018S 1370918E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/ISA SOUTH

LATERAL LIMITS: 190626S 1405844E - 215448S 1432845E
220825S 1425753E - 231000S 1404617E
231000S 1370050E - 221751S 1363807E
215132S 1362225E - 204356S 1361402E
200247S 1364855E - 190114S 1374020E
190626S 1405844E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH

LATERAL LIMITS: 335447S 1134859E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324945S 1171021E - 325550S 1171752E
335400S 1183100E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/JARRAH CAP

LATERAL LIMITS: 322351S 1152938E - 321010S 1154422E
321059S 1155529E - 320948S 1155641E
320740S 1155850E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
321813S 1161417E - 322416S 1162456E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA A

LATERAL LIMITS: 335035S 1501723E - 334909S 1500530E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 331853S 1502258E
332539S 1503147E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 335035S 1501723E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA B

LATERAL LIMITS: 334737S 1495255E - 334836S 1494726E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330843S 1500948E
331853S 1502258E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 334909S 1500530E
334737S 1495255E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA C

LATERAL LIMITS: 332222S 1482227E - 323732S 1492953E
330843S 1500948E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 334836S 1494726E
335049S 1493506E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
341702S 1482730E - 332222S 1482227E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KATOOMBA D

LATERAL LIMITS: 322939S 1482158E - 321916S 1490651E
323732S 1492953E - 332222S 1482227E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
323809S 1481522E - 322939S 1482158E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/KATOOMBA/SYDNEY CAP

LATERAL LIMITS: 333616S 1502248E - 334211S 1503641E
334257S 1503844E - 334505S 1505400E
335433S 1505306E - 335035S 1501723E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333616S 1502248E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KENNEDY A

LATERAL LIMITS: 164146S 1430834E - 164858S 1450709E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164444S 1462136E
165105S 1471830E - 165130S 1472840E
173128S 1473459E - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KENNEDY B

LATERAL LIMITS: 164146S 1430834E - 164947S 1452144E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 164256S 1460559E
165105S 1471830E - 165130S 1472840E
173128S 1473459E - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KEPPEL

LATERAL LIMITS: 231000S 1493500E - 221432S 1500042E
221700S 1501200E - 221500S 1502000E
221234S 1502527E - 220600S 1503000E
220600S 1504500E - 213912S 1515208E
221521S 1520250E - 231318S 1531430E
245855S 1540000E - 255215S 1531926E
252205S 1525624E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
263045S 1503032E - 243810S 1502030E
231000S 1493500E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KIMBERLEY NORTH

LATERAL LIMITS: 164551S 1263346E - 135504S 1282612E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 165510S 1313645E
171035S 1313000E - 190000S 1313000E
200439S 1314209E - 164551S 1263346E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/KIMBERLEY SOUTH

LATERAL LIMITS: 183510S 1251942E - 174545S 1255325E
164551S 1263346E - 200439S 1314209E
211232S 1315506E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 210550S 1234207E
183510S 1251942E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/KING

LATERAL LIMITS: 311301S 1501104E - 294903S 1511235E
301419S 1513113E - 302619S 1514009E
302743S 1514208E - 313806S 1502905E
314413S 1502404E - 315217S 1502217E
311301S 1501104E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN A

LATERAL LIMITS: 302814S 1161803E - 312114S 1160519E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN B

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
302814S 1161803E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEEMAN CAP

LATERAL LIMITS: 321010S 1154422E - 322351S 1152938E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
314552S 1155956E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320740S 1155850E
320948S 1155641E - 321059S 1155529E
321010S 1154422E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LEONORA

LATERAL LIMITS: 291800S 1200000E - 263444S 1240000E
280346S 1241356E - 283545S 1244947E
290308S 1240116E - 301136S 1201123E
291800S 1200000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/LORD HOWE

LATERAL LIMITS: 304020S 1533146E - 294913S 1534258E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 265738S 1555419E
264859S 1630000E - 331600S 1630000E
335429S 1551118E
then along the counter clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 310750S 1531831E
304020S 1533146E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MAITLAND

LATERAL LIMITS: 324723S 1512415E - 323602S 1512351E
324049S 1513415E - 325005S 1520359E
325301S 1522631E - 333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
324723S 1512415E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MAITLAND/SYDNEY CAP

LATERAL LIMITS: 334146S 1511341E - 331205S 1511918E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
334745S 1512530E
then along the counter clockwise arc of a circle radius 15.00NM centre
335638S 1511057E (SY/DME) - 334146S 1511341E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/MANNING

LATERAL LIMITS: 304152S 1520220E - 300954S 1533828E
304020S 1533146E - 325301S 1522631E
325005S 1520359E - 324049S 1513415E
323602S 1512351E - 304152S 1520220E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MEEKATHARRA

LATERAL LIMITS: 261500S 1120835E - 252513S 1120107E
233000S 1114417E - 233000S 1144500E
233000S 1160000E - 250000S 1160000E
250000S 1163241E - 250000S 1175056E
250000S 1201433E - 280014S 1183807E
274810S 1165509E - 274320S 1161648E
274109S 1160000E - 274044S 1154910E
273000S 1122001E - 261500S 1120835E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE TMA A

LATERAL LIMITS: A circle radius 30.00NM centre
373936S 1445032E (ML/DME)
VERTICAL LIMITS: BCTA - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MENZIES

LATERAL LIMITS: 290308S 1240116E - 283545S 1244947E
290000S 1250000E - 293000S 1250000E
305100S 1233737E - 320000S 1235018E
320000S 1203503E - 301136S 1201123E
290308S 1240116E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MOUNT

LATERAL LIMITS: 250000S 1201433E - 241039S 1204002E
250000S 1211200E - 263444S 1240000E
291800S 1200000E - 280853S 1184525E
280014S 1183807E - 250000S 1201433E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MUDGEE A

LATERAL LIMITS: 332539S 1503147E - 331853S 1502258E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330623S 1504357E
331617S 1504654E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MUDGEE B

LATERAL LIMITS: 331853S 1502258E - 330843S 1500948E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 325137S 1503935E
330623S 1504357E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 331853S 1502258E
VERTICAL LIMITS: FL155 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MUDGEE C SY/DME

LATERAL LIMITS: 330843S 1500948E - 323732S 1492953E
323339S 1493537E - 321133S 1502751E
323202S 1503349E - 325137S 1503935E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330843S 1500948E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MUDGEE D

LATERAL LIMITS: 320540S 1484951E - 292027S 1464641E
290807S 1474257E - 290000S 1490000E
283745S 1504159E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 292247S 1512706E
294903S 1511235E - 311301S 1501104E
315217S 1502217E - 315540S 1502316E
321133S 1502751E - 323339S 1493537E
323732S 1492953E - 322154S 1491009E
320540S 1484951E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MUDGEE/SYDNEY CAP

LATERAL LIMITS: 334211S 1503641E - 333616S 1502248E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
333139S 1505947E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 334105S 1505953E
334505S 1505400E - 334257S 1503844E
334211S 1503641E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MUNGO

LATERAL LIMITS: 332034S 1403410E - 330000S 1433100E
330000S 1440000E - 330800S 1444200E
332045S 1450242E - 334427S 1434633E
360036S 1443158E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 385404S 1432539E
385404S 1394000E - 364000S 1394000E
362841S 1410000E - 360658S 1410000E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 332034S 1403410E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NAMBUCCA

LATERAL LIMITS: 304152S 1520220E - 300954S 1533828E
304020S 1533146E - 325301S 1522631E
325005S 1520359E - 324049S 1513415E
323602S 1512351E - 322728S 1510559E
312647S 1513304E - 304152S 1520220E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/NEWMAN

LATERAL LIMITS: 214000S 1201800E - 193917S 1210744E
200318S 1214022E - 213119S 1243304E
232349S 1260332E - 263444S 1240000E
250000S 1211200E - 241039S 1204002E
250000S 1201433E - 250000S 1175056E
240000S 1180932E - 231514S 1182312E
225512S 1183000E - 220000S 1183000E
214000S 1201800E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NOOSA A

LATERAL LIMITS: 271325S 1524103E - 271047S 1525559E
265413S 1525521E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 270812S 1533818E
273519S 1533835E - 272458S 1530821E
274234S 1525259E - 271325S 1524103E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NOOSA B

LATERAL LIMITS: 265413S 1525521E - 264431S 1525216E
261816S 1524725E - 255816S 1523043E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
261007S 1532543E - 262610S 1533751E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 265413S 1525521E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/NOOSA C

LATERAL LIMITS: 255816S 1523043E - 253334S 1521015E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
255215S 1531926E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255816S 1523043E
VERTICAL LIMITS: BCTA - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/OCEAN

LATERAL LIMITS: 325301S 1522631E - 310750S 1531831E
then along the clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 362928S 1534847E
361336S 1522523E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
325301S 1522631E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/OCEAN/SYDNEY CAP

LATERAL LIMITS: 334745S 1512530E - 333004S 1515433E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
340715S 1512344E
then along the counter clockwise arc of a circle radius 15.00NM centre
335638S 1511057E (SY/DME) - 334745S 1512530E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/ONSLOW

LATERAL LIMITS: 233000S 1114417E - 215000S 1113000E
193036S 1133123E - 182055S 1164824E
193839S 1172759E - 203615S 1173921E
220445S 1174500E - 221500S 1160000E
233000S 1160000E - 233000S 1144500E
233000S 1114417E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/OXLEY

LATERAL LIMITS: 334427S 1434633E - 332045S 1450242E
333700S 1452924E - 342100S 1452546E
345156S 1455200E - 350406S 1465632E
350521S 1465521E - 352230S 1463136E
360813S 1454128E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360036S 1443158E
334427S 1434633E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PARABURDOO

LATERAL LIMITS: 250000S 1160000E - 233000S 1160000E
221500S 1160000E - 220445S 1174500E
220000S 1183000E - 225512S 1183000E
231514S 1182312E - 240000S 1180932E
250000S 1175056E - 250000S 1163241E
250000S 1160000E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PINGELLY

LATERAL LIMITS: 324945S 1171021E - 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
302814S 1161803E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325550S 1171752E
324945S 1171021E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PINGELLY CAP

LATERAL LIMITS: 321813S 1161417E - 320541S 1160505E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314552S 1155956E
312114S 1160519E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
321813S 1161417E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/PORT

LATERAL LIMITS: 193839S 1172759E - 182055S 1164824E
173711S 1184534E - 190000S 1201500E
193917S 1210744E - 214000S 1201800E
220000S 1183000E - 220445S 1174500E
203615S 1173921E - 193839S 1172759E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/STRADDY A

LATERAL LIMITS: 262610S 1533751E - 261007S 1532543E
255215S 1531926E - 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
282950S 1540000E - 274436S 1540000E
273519S 1533835E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 270812S 1533818E
262610S 1533751E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/STRADDY B

LATERAL LIMITS: 270812S 1533818E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
270812S 1533818E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/STURT NORTH

LATERAL LIMITS: 162806S 1340036E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
154648S 1363051E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
200247S 1364855E - 162806S 1340036E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/STURT SOUTH

LATERAL LIMITS: 212959S 1361944E - 211232S 1315506E
211104S 1315449E - 200439S 1314209E
190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 162806S 1340036E
200247S 1364855E - 204356S 1361402E
212959S 1361944E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY A

LATERAL LIMITS: 203758S 1460832E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192201S 1482020E
191613S 1511044E - 213912S 1515208E
220600S 1504500E - 220600S 1503000E
221234S 1502527E - 221500S 1502000E
221700S 1501200E - 221432S 1500042E
222130S 1495154E - 222848S 1493500E
224842S 1490924E - 230540S 1492016E
225245S 1481740E - 223115S 1472809E
220114S 1462023E - 212657S 1454628E
203758S 1460832E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/SWAMPY B

LATERAL LIMITS: 222130S 1495154E - 221432S 1500042E
231000S 1493500E - 230540S 1492016E
224842S 1490924E - 222848S 1493500E
222130S 1495154E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TABLETOP A

LATERAL LIMITS: 182013S 1452946E - 173128S 1473459E
165130S 1472840E - 165817S 1510431E
184027S 1510035E - 191613S 1511044E
192201S 1482020E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TABLETOP B

LATERAL LIMITS: 181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 201158S 1445336E
192553S 1442704E - 181748S 1435032E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/TAILEM BEND HIGH

LATERAL LIMITS: 333822S 1394630E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
365730S 1394000E - 361004S 1350000E
353001S 1350000E - 353001S 1364920E
351016S 1375047E - 350227S 1381432E
then along the clockwise arc of a circle radius 15.00NM centre
345649S 1383128E (AD/DME) - 344448S 1384224E
342756S 1385736E - 334220S 1394417E
333822S 1394630E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/TASMAN

LATERAL LIMITS: 381119S 1501914E - 365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 361336S 1522523E
362928S 1534847E
then along the counter clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 335429S 1551118E
331600S 1630000E - 450000S 1630000E
450000S 1500000E - 443357S 1500000E
435103S 1503953E - 430000S 1510000E
381119S 1501914E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY B

LATERAL LIMITS: 122603S 1261925E - 120000S 1232000E
111605S 1241819E - 092000S 1265000E
081924S 1302716E - 094839S 1313025E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 102053S 1291121E
122603S 1261925E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY NORTH

LATERAL LIMITS: 123955S 1280111E - 122603S 1261925E
102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
120335S 1315130E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
135031S 1302320E - 150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY OCEAN

LATERAL LIMITS: 122603S 1261925E - 120000S 1232000E
111605S 1241819E - 092000S 1265000E
081924S 1302716E - 094839S 1313025E
then along the counter clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 102053S 1291121E
122603S 1261925E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TERRITORY SOUTH

LATERAL LIMITS: 135031S 1302320E - 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 120335S 1315130E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 135031S 1302320E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARBURTON HIGH

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARREGO EAST

LATERAL LIMITS: 253000S 1443000E - 241919S 1463729E
251204S 1470736E - 291447S 1471248E
292027S 1464641E - 290000S 1463200E
290000S 1442500E - 253000S 1443000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WARREGO NORTH

LATERAL LIMITS: 244401S 1420032E - 231000S 1404617E
220825S 1425753E - 215448S 1432845E
214342S 1435344E - 214333S 1452558E
220117S 1454751E - 225859S 1455231E
241919S 1463729E - 253000S 1443000E
253000S 1434000E - 244401S 1420032E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARREGO SOUTH

LATERAL LIMITS: 272444S 1403009E - 244401S 1420032E
253000S 1434000E - 253000S 1443000E
290000S 1442500E - 290000S 1433000E
272444S 1403009E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WARREGO WEST

LATERAL LIMITS: 261331S 1382324E - 231000S 1370050E
231000S 1404617E - 244401S 1420032E
272444S 1403009E - 261331S 1382324E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/WILLIS

LATERAL LIMITS: 142518S 1450511E - 120000S 1444211E
120000S 1483424E - 160959S 1510621E
165817S 1510431E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 142518S 1450511E
VERTICAL LIMITS: SFC - FL285
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WOLLONGONG A

LATERAL LIMITS: 343848S 1494851E - 342023S 1502453E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345458S 1493646E
344202S 1495122E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 343848S 1494851E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOLLONGONG B

LATERAL LIMITS: 350852S 1492057E - 345458S 1493646E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
352548S 1493833E - 354449S 1503709E
351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 345607S 1505957E
344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
363646S 1504249E
then along the clockwise arc of a circle radius 100.00NM centre
345700S 1503200E (NWA/TAC) - 355125S 1484918E
354549S 1490148E - 352540S 1490337E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 351741S 1485821E
then along the clockwise arc of a circle radius 11.00NM centre
351653S 1491145E (CB/DME) - 350852S 1492057E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOLLONGONG C

LATERAL LIMITS: 354449S 1503709E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 345607S 1505957E
344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
354449S 1503709E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOLLONGONG/SYDNEY CAP

LATERAL LIMITS: 335433S 1505306E - 334505S 1505400E
334105S 1505953E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333938S 1510033E
334146S 1511341E
then along the clockwise arc of a circle radius 15.00NM centre
335638S 1511057E (SY/DME) - 340715S 1512344E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 335035S 1501723E
335433S 1505306E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI A

LATERAL LIMITS: 381934S 1445353E - 380838S 1444049E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
375846S 1462834E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 382732S 1461141E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
390842S 1450734E - 383058S 1450738E
381934S 1445353E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI B

LATERAL LIMITS: 382732S 1461141E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 375846S 1462834E
380316S 1465314E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 382732S 1461141E
VERTICAL LIMITS: FL180 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI C

LATERAL LIMITS: 384614S 1431550E - 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381934S 1445351E
383058S 1450738E - 390842S 1450734E
391849S 1450733E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI CAP

LATERAL LIMITS: 380033S 1442323E - 374727S 1444242E
then along the counter clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 374220S 1450239E
374708S 1452708E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI D

LATERAL LIMITS: 391849S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
391933S 1473351E
then along the clockwise arc of a circle radius 162.50NM centre
373936S 1445032E (ML/DME) - 400000S 1463549E
400000S 1451201E - 394736S 1450730E
391849S 1450733E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI E

LATERAL LIMITS: 380316S 1465314E - 380556S 1470858E
381241S 1481147E
then along the clockwise arc of a circle radius 162.60NM centre
373936S 1445032E (ML/DME) - 391933S 1473351E
385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WONTHAGGI F

LATERAL LIMITS: 380836S 1442149E - 380033S 1442323E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380838S 1444049E
381934S 1445353E
then along the clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381853S 1444044E
380907S 1443338E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOOMERA EAST

LATERAL LIMITS: 300000S 1400000E - 284000S 1393000E
280000S 1380000E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 300000S 1400000E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/WOOMERA SOUTH

LATERAL LIMITS: 313500S 1352500E - 294337S 1331818E
290521S 1363900E - 290000S 1364951E
280000S 1380000E - 284000S 1393000E
300000S 1400000E - 303000S 1395257E
321805S 1392655E - 313500S 1390000E
313500S 1375000E - 313500S 1352500E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/WOOMERA WEST

LATERAL LIMITS: 294337S 1331818E - 280951S 1313652E
255307S 1325836E - 260734S 1362607E
250104S 1375016E - 261331S 1382324E
280000S 1380000E - 290000S 1364951E
290521S 1363900E - 294337S 1331818E
VERTICAL LIMITS: FL285 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE A

LATERAL LIMITS: 365941S 1442423E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365435S 1445252E
370936S 1445204E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 371217S 1443454E
365941S 1442423E
VERTICAL LIMITS: 7500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE B

LATERAL LIMITS: 380146S 1440104E
then along the clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365941S 1442423E
371217S 1443454E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
380146S 1440104E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
365113S 1445303E - 365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382936S 1430048E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE CAP

LATERAL LIMITS: 374727S 1444242E - 380033S 1442323E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445204E
372936S 1445058E
then along the counter clockwise arc of a circle radius 10.00NM centre
373936S 1445032E (ML/DME) - 374727S 1444242E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/YARROWEE D

LATERAL LIMITS: 382936S 1430048E - 375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
VERTICAL LIMITS: 8500 - FL600
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

SECTION 11 - E AIRSPACE FREQUENCY BOUNDARIES

YMMM/AVALON EFREQUENCY 133.55A

LATERAL LIMITS: 380836S 1442149E - 375454S 1442429E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 375914S 1443729E
380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
VERTICAL LIMITS: SFC - 1500
CONTROLLING AUTHORITY: Airservices Australia

YMMM/AVALON EFREQUENCY 133.55B

LATERAL LIMITS: 381343S 1442049E - 375104S 1442513E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 375500S 1443857E
375526S 1443808E - 380722S 1443605E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: 1500 - 4500
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.1

LATERAL LIMITS: 190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 155237S 1343314E
180000S 1350000E - 190000S 1313000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.15

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
115141S 1321938E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 135031S 1302320E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.2A

LATERAL LIMITS: 164200S 1262800E - 195817S 1262943E
184249S 1293258E - 172339S 1284209E
170240S 1282850E - 164200S 1262800E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.2B

LATERAL LIMITS: 160303S 1431641E - 153025S 1414329E
150000S 1400000E - 140000S 1400000E
140000S 1420000E - 124000S 1440000E
120000S 1440000E - 120000S 1444211E
142518S 1450511E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 118.6

LATERAL LIMITS: 190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
190500S 1425000E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
153025S 1414329E - 151831S 1410236E
190523S 1400510E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 118.8

LATERAL LIMITS: 272444S 1403009E - 290000S 1433000E
290000S 1442500E - 253000S 1443000E
253000S 1434000E - 244401S 1420032E
272444S 1403009E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 118.9

LATERAL LIMITS: 232156S 1263134E - 195817S 1262943E
184249S 1293258E - 190000S 1300000E
190000S 1313000E - 211232S 1315506E
211209S 1315024E - 231313S 1282749E
232156S 1263134E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 118.95

LATERAL LIMITS: 272000S 1473545E - 272000S 1494422E
281847S 1494952E - 284721S 1495848E
290000S 1490000E - 290807S 1474257E
292027S 1464641E - 290000S 1463200E
280312S 1470518E - 272000S 1473545E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.55A1

LATERAL LIMITS: 224842S 1490924E - 222848S 1493500E
222130S 1495154E - 221432S 1500042E
221700S 1501200E - 221500S 1502000E
221234S 1502527E - 220600S 1503000E
220600S 1503206E - 240758S 1520048E
240923S 1515249E - 243037S 1510024E
250114S 1503818E - 243810S 1502030E
231000S 1493500E - 230540S 1492016E
224842S 1490924E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.55A2

LATERAL LIMITS: 220600S 1503206E - 220600S 1504500E
215916S 1510201E - 223410S 1513512E
235739S 1525747E - 240758S 1520048E
220600S 1503206E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 119.8

LATERAL LIMITS: 190500S 1425000E - 181748S 1435032E
184922S 1440724E - 192553S 1442704E
201158S 1445336E - 212657S 1454628E
220117S 1454751E - 215114S 1453526E
214333S 1452558E - 214342S 1435344E
190500S 1425000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15

LATERAL LIMITS: 164542S 1441058E
then along the counter clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
164542S 1441058E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15B

LATERAL LIMITS: 182013S 1452946E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 164542S 1441058E
164715S 1443658E
then along the counter clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164812S 1465221E
165105S 1471830E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 174521S 1465948E
182013S 1452946E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15C

LATERAL LIMITS: 164812S 1465221E
then along the clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164715S 1443658E
164809S 1445236E
then along the counter clockwise arc of a circle radius 50.00NM centre
165101S 1454438E (CS/DME) - 164625S 1463633E
164812S 1465221E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.15E

LATERAL LIMITS: 165105S 1471830E - 165130S 1472840E
173128S 1473459E - 174521S 1465948E
then along the counter clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 165105S 1471830E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.3B

LATERAL LIMITS: 113630S 1400000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
113000S 1413000E - 113630S 1400000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A1

LATERAL LIMITS: 182013S 1452946E - 174521S 1465948E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A2

LATERAL LIMITS: 182656S 1480603E - 192125S 1484202E
192201S 1482020E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182656S 1480603E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A3

LATERAL LIMITS: 174521S 1465948E - 173128S 1473459E
180030S 1473936E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 174521S 1465948E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55A4

LATERAL LIMITS: 181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 201158S 1445336E
192553S 1442704E - 184922S 1440724E
181748S 1435032E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.55B

LATERAL LIMITS: 304152S 1520220E - 304908S 1522033E
304602S 1522523E
then along the counter clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 310415S 1530553E
310916S 1530546E - 310807S 1531823E
325301S 1522631E - 325005S 1520359E
324049S 1513415E - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
304152S 1520220E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 120.75

LATERAL LIMITS: 142014S 1233752E - 154406S 1250206E
155648S 1251500E - 164200S 1262800E
135006S 1282306E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E - 142014S 1233752E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.1A

LATERAL LIMITS: 231000S 1404617E - 244401S 1420032E
253000S 1434000E - 253000S 1443000E
241919S 1463729E - 225859S 1455231E
220117S 1454751E - 214333S 1452558E
214342S 1435344E - 220825S 1425753E
231000S 1404617E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 122.1B

LATERAL LIMITS: 190000S 1313000E - 211104S 1315449E
211232S 1315506E - 212959S 1361944E
204356S 1361402E - 190114S 1374020E
180000S 1350000E - 190000S 1313000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.1C

LATERAL LIMITS: 140000S 1420000E - 140000S 1400000E
113630S 1400000E - 113000S 1413000E
113000S 1440136E - 114330S 1440420E
120000S 1440000E - 124000S 1440000E
140000S 1420000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.1D

LATERAL LIMITS: 142014S 1233752E - 161105S 1205545E
181500S 1235000E - 164200S 1262800E
155648S 1251500E - 154406S 1250206E
142014S 1233752E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.2

LATERAL LIMITS: 135601S 1345250E - 131333S 1355800E
131321S 1360000E - 130048S 1375654E
130000S 1390000E - 140000S 1400000E
150000S 1400000E - 145629S 1385236E
150836S 1382042E - 154212S 1371254E
163557S 1371056E - 154648S 1363051E
144216S 1345658E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.3A1

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
224731S 1473214E - 232000S 1480000E
231443S 1485118E - 233636S 1484303E
242045S 1491529E - 243023S 1490448E
251258S 1493128E - 252729S 1483320E
251204S 1470736E - 225859S 1455231E
220117S 1454751E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.3A2

LATERAL LIMITS: 223115S 1472809E - 225245S 1481740E
230540S 1492016E - 231000S 1493500E
234609S 1495331E - 242045S 1491529E
233636S 1484303E - 231443S 1485118E
232000S 1480000E - 224731S 1473214E
223115S 1472809E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 122.4A

LATERAL LIMITS: 204356S 1361402E - 215132S 1362225E
221751S 1363807E - 231000S 1370050E
231000S 1404617E - 222926S 1401456E
213400S 1400900E - 211015S 1404228E
then along the counter clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 201440S 1404424E
200156S 1410740E
then along the counter clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 192234S 1403652E
190523S 1400510E - 190114S 1374020E
204356S 1361402E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.4B

LATERAL LIMITS: 135006S 1282306E - 164200S 1262800E
170240S 1282850E - 172339S 1284209E
160030S 1301739E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 135006S 1282306E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.6

LATERAL LIMITS: 150544S 1295421E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 145901S 1321037E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141015S 1324450E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 133837S 1330841E
134819S 1334000E - 135123S 1335709E
135601S 1345250E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 122.6B

LATERAL LIMITS: 135031S 1302320E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 130941S 1321440E
133750S 1330610E - 133837S 1330841E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
135031S 1302320E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.0

LATERAL LIMITS: 265137S 1513322E - 264115S 1510154E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 253334S 1521015E
255816S 1523043E - 261816S 1524725E
263428S 1525025E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 270515S 1521528E
265137S 1513322E
VERTICAL LIMITS: BCTA - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.4

LATERAL LIMITS: 095000S 1313558E - 095000S 1360000E
131321S 1360000E - 131333S 1355800E
135601S 1345250E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
094839S 1313025E - 095000S 1313558E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.4A

LATERAL LIMITS: 330623S 1504357E - 323202S 1503349E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 322638S 1510415E
322728S 1510559E - 323602S 1512351E
324728S 1512414E - 330213S 1512117E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330623S 1504357E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.7

LATERAL LIMITS: 160030S 1301739E - 172339S 1284209E
184249S 1293258E - 190000S 1300000E
190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 160030S 1301739E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.8

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 144419S 1470850E
165130S 1472840E - 165105S 1471830E
then along the counter clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 164542S 1441058E
164146S 1430834E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.8B

LATERAL LIMITS: 164542S 1441058E
then along the clockwise arc of a circle radius 90.00NM centre
165101S 1454438E (CS/DME) - 165105S 1471830E
164812S 1465221E
then along the counter clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164715S 1443658E
164542S 1441058E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.8C

LATERAL LIMITS: 164715S 1443658E
then along the clockwise arc of a circle radius 65.00NM centre
165101S 1454438E (CS/DME) - 164812S 1465221E
164625S 1463633E
then along the counter clockwise arc of a circle radius 50.00NM centre
165101S 1454438E (CS/DME) - 164809S 1445236E
164715S 1443658E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.95

LATERAL LIMITS: 213400S 1400900E - 222926S 1401456E
231000S 1404617E - 220825S 1425753E
214342S 1435344E - 190500S 1425000E
200156S 1410740E - 201440S 1404424E
then along the clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 211015S 1404228E
213400S 1400900E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.95A1

LATERAL LIMITS: 252031S 1500000E - 251446S 1504849E
255704S 1512159E - 260151S 1512821E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
252031S 1500000E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 123.95A2

LATERAL LIMITS: 252031S 1500000E - 264115S 1510154E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 282954S 1511632E
284721S 1495848E - 281847S 1494952E
272000S 1494422E - 270132S 1494240E
255703S 1500000E - 252031S 1500000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 123.95B

LATERAL LIMITS: 173711S 1184534E - 161105S 1205545E
181500S 1235000E - 203000S 1235000E
205402S 1231847E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1

LATERAL LIMITS: 135601S 1345250E - 135123S 1335709E
134819S 1334000E - 133837S 1330841E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1A1

LATERAL LIMITS: 250114S 1503818E - 243037S 1510024E
240923S 1515249E - 240758S 1520048E
250546S 1524403E - 253334S 1521015E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
255704S 1512159E - 250114S 1503818E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1A2

LATERAL LIMITS: 240758S 1520048E - 235739S 1525747E
245855S 1540000E - 250000S 1525100E
250546S 1524403E - 240758S 1520048E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.1C

LATERAL LIMITS: 133750S 1330610E - 130941S 1321440E
then along the counter clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 115141S 1321938E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 133837S 1330841E
133750S 1330610E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY:

YBBB/BRISBANE EFREQUENCY 124.6B1

LATERAL LIMITS: 252205S 1525624E - 250546S 1524403E
253334S 1521015E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.6B2

LATERAL LIMITS: 255215S 1531926E - 252205S 1525624E
250546S 1524403E - 250000S 1525100E
245855S 1540000E - 255215S 1531926E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 124.8

LATERAL LIMITS: 181500S 1235000E - 164200S 1262800E
232156S 1263134E - 232349S 1260332E
213119S 1243304E - 205402S 1231847E
203000S 1235000E - 181500S 1235000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.8A

LATERAL LIMITS: 313933S 1504242E - 320400S 1504526E
321133S 1502751E - 315540S 1502316E
313933S 1504242E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 124.8B

LATERAL LIMITS: 253000S 1443000E - 241919S 1463729E
255045S 1473000E - 272000S 1473545E
280312S 1470518E - 290000S 1463200E
290000S 1442500E - 253000S 1443000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 124.8D

LATERAL LIMITS: 320400S 1504526E - 314847S 1504344E
then along the counter clockwise arc of a circle radius 45.00NM centre
310358S 1504948E (TW/DME) - 314402S 1511359E
313602S 1510906E - 313349S 1512957E
322728S 1510559E - 322638S 1510415E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 323202S 1503349E
321133S 1502751E - 320400S 1504526E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.0

LATERAL LIMITS: 131321S 1360000E - 095000S 1360000E
095000S 1394000E - 113630S 1400000E
140000S 1400000E - 130000S 1390000E
130048S 1375654E - 131321S 1360000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 125.4

LATERAL LIMITS: 231000S 1370050E - 261331S 1382324E
272444S 1403009E - 244401S 1420032E
231000S 1404617E - 231000S 1370050E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.7

LATERAL LIMITS: 154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
151831S 1410236E - 190523S 1400510E
190114S 1374020E - 172018S 1370918E
154212S 1371254E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 125.7B

LATERAL LIMITS: 331205S 1511918E - 330213S 1512117E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 332139S 1520152E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331205S 1511918E
VERTICAL LIMITS: 6500 - 8500
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 125.75

LATERAL LIMITS: 294903S 1511235E - 302619S 1514009E
302821S 1514302E - 304152S 1520220E
312647S 1513304E - 313349S 1512957E
313602S 1510906E - 312429S 1510204E
then along the counter clockwise arc of a circle radius 23.00NM centre
310358S 1504948E (TW/DME) - 310951S 1511543E
310751S 1510641E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 304857S 1504946E
302504S 1505226E - 294903S 1511235E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 126.0

LATERAL LIMITS: 251204S 1470736E - 252729S 1483320E
251258S 1493128E - 252031S 1500000E
255703S 1500000E - 270132S 1494240E
272000S 1494422E - 272000S 1473545E
255045S 1473000E - 251204S 1470736E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 127.1

LATERAL LIMITS: 290000S 1490000E - 282954S 1511632E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 302504S 1505226E
304857S 1504946E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
313933S 1504242E - 315540S 1502316E
315803S 1502357E - 320000S 1501800E
322154S 1491009E - 320540S 1484951E
292027S 1464641E - 290807S 1474257E
290000S 1490000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.5

LATERAL LIMITS: 155237S 1343314E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
154648S 1363051E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
180000S 1350000E - 155237S 1343314E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.55A

LATERAL LIMITS: 204343S 1470135E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 201425S 1475702E
205938S 1482430E - 210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
221534S 1490901E - 223515S 1492643E
224842S 1490924E - 230540S 1492016E
225245S 1481740E - 223115S 1472809E
204343S 1470135E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 128.55B

LATERAL LIMITS: 203758S 1460832E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 204343S 1470135E
223115S 1472809E - 220114S 1462023E
212657S 1454628E - 203758S 1460832E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6A

LATERAL LIMITS: 332139S 1520152E
then along the clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 343513S 1515819E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
332139S 1520152E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6B

LATERAL LIMITS: 330911S 1521238E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 344527S 1521138E
343513S 1515819E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 332139S 1520152E
330911S 1521238E
VERTICAL LIMITS: 8500 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6C

LATERAL LIMITS: 325301S 1522631E
then along the clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 345904S 1522928E
344527S 1521138E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 330911S 1521238E
325301S 1522631E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 128.6D

LATERAL LIMITS: 315455S 1525531E
then along the clockwise arc of a circle radius 150.00NM centre
335638S 1511057E (SY/DME) - 361336S 1522523E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 351859S 1525550E
345904S 1522928E
then along the counter clockwise arc of a circle radius 90.00NM centre
335638S 1511057E (SY/DME) - 325301S 1522631E
315455S 1525531E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 129.85

LATERAL LIMITS: 122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 141015S 1324450E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 145901S 1321037E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 129.85B

LATERAL LIMITS: A circle radius 90.00NM centre
122524S 1305423E (DN/DME)
VERTICAL LIMITS: BCTA - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 130.1

LATERAL LIMITS: 304152S 1520220E - 300954S 1533828E
304020S 1533146E - 310807S 1531823E
325301S 1522631E - 325005S 1520359E
324049S 1513415E - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
304152S 1520220E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 130.4

LATERAL LIMITS: 281911S 1522238E - 280625S 1523350E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 132.35

LATERAL LIMITS: 324728S 1512414E - 323602S 1512351E
324049S 1513415E - 325005S 1520359E
325301S 1522631E - 332139S 1520152E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 330213S 1512117E
324728S 1512414E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 133.05A

LATERAL LIMITS: 323732S 1492953E - 323339S 1493537E
321133S 1502751E - 323202S 1503349E
331617S 1504654E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
323732S 1492953E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE EFREQUENCY 133.05B

LATERAL LIMITS: 322154S 1491009E - 320000S 1501800E
315803S 1502357E - 321133S 1502751E
323339S 1493537E - 323732S 1492953E
322154S 1491009E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.2

LATERAL LIMITS: 294903S 1511235E - 291933S 1512853E
281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
304020S 1533146E - 310807S 1531823E
310916S 1530546E - 310415S 1530553E
then along the clockwise arc of a circle radius 45.00NM centre
301910S 1530716E (CFS/DME) - 304602S 1522523E
304908S 1522033E - 304152S 1520220E
302619S 1514009E - 294903S 1511235E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.2A

LATERAL LIMITS: 294903S 1511235E - 291933S 1512853E
281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 285526S 1535434E
300954S 1533828E - 304152S 1520220E
302619S 1514009E - 294903S 1511235E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.3A

LATERAL LIMITS: 262610S 1533751E - 261007S 1532543E
255215S 1531926E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 271312S 1544854E
then along the clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 293925S 1534506E
282950S 1540000E - 274436S 1540000E
274406S 1535850E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263925S 1533759E
262610S 1533751E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 134.3B

LATERAL LIMITS: 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
293925S 1534506E
then along the counter clockwise arc of a circle radius 90.00NM centre
281008S 1533014E (CG/DME) - 271312S 1544854E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
245855S 1540000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.2

LATERAL LIMITS: 261816S 1524725E - 253334S 1521015E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 252205S 1525624E
255215S 1531926E - 261007S 1532543E
262610S 1533751E - 263925S 1533759E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 263428S 1525025E
261816S 1524725E
VERTICAL LIMITS: BCTA - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.3A1

LATERAL LIMITS: 243023S 1490448E - 242045S 1491529E
252030S 1500007E - 252031S 1500000E
251258S 1493128E - 243023S 1490448E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.3A2

LATERAL LIMITS: 242045S 1491529E - 234609S 1495331E
243810S 1502030E - 251446S 1504849E
252030S 1500007E - 242045S 1491529E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.5A1

LATERAL LIMITS: 201425S 1475702E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
194456S 1485743E - 203857S 1493041E
220600S 1503206E - 220600S 1503000E
221234S 1502527E - 221500S 1502000E
221700S 1501200E - 221432S 1500042E
222130S 1495154E - 222848S 1493500E
223515S 1492643E - 221534S 1490901E
211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
205938S 1482430E - 201425S 1475702E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.5A2

LATERAL LIMITS: 192201S 1482020E - 192125S 1484202E
194456S 1485743E - 192406S 1482008E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192201S 1482020E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.5A3

LATERAL LIMITS: 194456S 1485743E - 215916S 1510201E
220600S 1504500E - 220600S 1503206E
203857S 1493041E - 194456S 1485743E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE EFREQUENCY 135.6

LATERAL LIMITS: 264115S 1510154E - 270515S 1521528E
then along the counter clockwise arc of a circle radius 50.00NM centre
272157S 1530821E (BN/DME) - 280200S 1523427E
then along the counter clockwise arc of a circle radius 50.00NM centre
281008S 1533014E (CG/DME) - 280625S 1523350E
285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART EFREQUENCY 125.55

LATERAL LIMITS: 423612S 1464828E - 424001S 1465337E
424640S 1470330E - 424840S 1471848E
425158S 1472133E - 425718S 1473140E
431807S 1480130E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8

LATERAL LIMITS: 411959S 1463636E - 413139S 1470031E
414154S 1470452E - 414346S 1470428E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 411959S 1463636E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8B

LATERAL LIMITS: 412727S 1472505E - 411740S 1474721E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the counter clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414600S 1473816E
412727S 1472505E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8C

LATERAL LIMITS: 414600S 1473816E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414657S 1474758E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415226S 1474253E
414600S 1473816E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON EFREQUENCY 123.8D

LATERAL LIMITS: 415126S 1464135E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 414346S 1470428E
415456S 1470207E
then along the counter clockwise arc of a circle radius 60.00NM centre
425050S 1473136E (TASUM/WPT) - 415823S 1465212E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.2

LATERAL LIMITS: 314125S 1174140E - 311007S 1202403E
321857S 1203917E - 344956S 1201722E
335400S 1183100E - 325550S 1171752E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 314125S 1174140E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.4

LATERAL LIMITS: 291800S 1200000E - 263444S 1240000E
280346S 1241356E - 283545S 1244947E
290308S 1240116E - 301136S 1201123E
291800S 1200000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 118.5

LATERAL LIMITS: 341702S 1482730E - 332222S 1482227E
323732S 1492953E - 332539S 1503147E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 335035S 1501723E
334737S 1495255E - 335049S 1493506E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
341702S 1482730E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.5A

LATERAL LIMITS: 325958S 1485623E - 332222S 1482227E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
323809S 1481522E - 323814S 1483942E
325958S 1485623E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.6

LATERAL LIMITS: 350500S 1432612E - 360152S 1442325E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
352230S 1463136E - 350521S 1465521E
350406S 1465632E - 345156S 1455200E
342100S 1452546E - 333700S 1452924E
330800S 1444200E - 330000S 1440000E
330000S 1433100E - 350500S 1432612E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 118.6A

LATERAL LIMITS: 193839S 1172759E - 182055S 1164824E
173711S 1184534E - 190000S 1201500E
193917S 1210744E - 214000S 1201800E
220000S 1183000E - 220445S 1174500E
203615S 1173921E - 193839S 1172759E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 118.95

LATERAL LIMITS: 280014S 1183807E - 241039S 1204002E
250000S 1211200E - 263444S 1240000E
291800S 1200000E - 280853S 1184525E
280014S 1183807E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 119.5A

LATERAL LIMITS: 280000S 1380000E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 300000S 1400000E
284000S 1393000E - 280000S 1380000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 119.5A1

LATERAL LIMITS: 345856S 1474034E - 345149S 1475032E
350505S 1482507E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 355158S 1484804E
360704S 1481400E - 360306S 1471740E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360042S 1471715E
355027S 1475048E
then along the counter clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 352030S 1471204E
354811S 1470028E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 355401S 1464239E
354336S 1462655E - 352714S 1464707E
351644S 1471148E
then along the clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 345856S 1474034E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 119.5A2

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
345149S 1475032E - 345856S 1474034E
then along the counter clockwise arc of a circle radius 15.00NM centre
350957S 1472808E (WG/DME) - 351644S 1471148E
352714S 1464707E - 354336S 1462655E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 119.8

LATERAL LIMITS: 221058S 1301335E - 211209S 1315024E
211232S 1315506E - 212959S 1361944E
215132S 1362225E - 221751S 1363807E
231000S 1370050E - 250104S 1375016E
260734S 1362607E - 255307S 1325836E
251148S 1331711E
then along the clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 234638S 1321434E
221058S 1301335E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.3

LATERAL LIMITS: 335447S 1134859E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324945S 1171021E - 325550S 1171752E
335400S 1183100E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.3B

LATERAL LIMITS: 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 325616S 1145418E
322351S 1152938E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 120.7A

LATERAL LIMITS: 280951S 1313652E - 255307S 1325836E
260734S 1362607E - 250104S 1375016E
261331S 1382324E - 280000S 1380000E
290000S 1364951E - 290521S 1363900E
294337S 1331818E - 280951S 1313652E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.7B

LATERAL LIMITS: 400000S 1454701E - 400000S 1465800E
402805S 1470214E
then along the counter clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 405533S 1460200E
400000S 1454701E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.7C

LATERAL LIMITS: 412440S 1455046E - 412930S 1461800E
410504S 1460436E - 410400S 1460419E
411959S 1463636E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 420607S 1461849E
412440S 1455046E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 120.7D

LATERAL LIMITS: 405533S 1460200E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 402805S 1470214E
403304S 1470259E
then along the counter clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 404009S 1463414E
404505S 1463607E
then along the counter clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 410613S 1460845E
410400S 1460419E - 405533S 1460200E
VERTICAL LIMITS: FL125 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 120.75

LATERAL LIMITS: 373510S 1475846E - 373000S 1490000E
380000S 1490000E - 380000S 1502312E
365643S 1504503E - 354449S 1503709E
352548S 1493833E - 353327S 1492531E
354549S 1490148E - 360704S 1481400E
372237S 1474033E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 373510S 1475846E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 121.2A

LATERAL LIMITS: 290521S 1363900E - 290000S 1364951E
280000S 1380000E - 284000S 1393000E
300000S 1400000E - 303000S 1395257E
321805S 1392655E - 313500S 1390000E
313500S 1375000E - 301422S 1380000E
290521S 1363900E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 121.2B

LATERAL LIMITS: 300000S 1124356E - 273000S 1122001E
274044S 1154910E - 302644S 1155010E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E - 300000S 1124356E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 121.85

LATERAL LIMITS: 242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.0

LATERAL LIMITS: 313500S 1352500E - 294337S 1331818E
290521S 1363900E - 301422S 1380000E
313500S 1375000E - 313500S 1352500E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.1

LATERAL LIMITS: 350500S 1412138E - 350500S 1432612E
330000S 1433100E - 332034S 1403410E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 350500S 1412138E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.1D

LATERAL LIMITS: 261500S 1120835E - 233000S 1114417E
233000S 1144500E - 233000S 1160000E
250000S 1160000E - 261500S 1143313E
261500S 1120835E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4A

LATERAL LIMITS: 302814S 1161803E - 305247S 1161211E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 324514S 1150624E
330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4B

LATERAL LIMITS: 300013S 1134939E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
302814S 1161803E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4C

LATERAL LIMITS: 193036S 1133123E - 182055S 1164824E
193839S 1172759E - 203615S 1173921E
220445S 1174500E - 221500S 1160000E
233000S 1160000E - 233000S 1144500E
213000S 1144500E - 193036S 1133123E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4D

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E - 305736S 1143805E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.4E

LATERAL LIMITS: 305247S 1161211E - 310730S 1160839E
then along the counter clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 323411S 1151826E
324514S 1150624E
then along the clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 305247S 1161211E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6

LATERAL LIMITS: 321805S 1392655E - 303000S 1395257E
303000S 1410000E - 303000S 1420000E
310000S 1424844E - 314754S 1433100E
330000S 1433100E - 332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6A

LATERAL LIMITS: 403000S 1410000E - 403000S 1450000E
400000S 1450000E - 394736S 1450730E
400002S 1451202E - 405950S 1453416E
412440S 1455046E - 411800S 1451500E
411800S 1410000E - 403000S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6B

LATERAL LIMITS: 274320S 1161648E - 250000S 1163241E
250000S 1201500E - 280014S 1183807E
274320S 1161648E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6C

LATERAL LIMITS: 400002S 1451202E - 400000S 1454701E
405533S 1460200E
then along the counter clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 410041S 1455742E
410400S 1460419E - 410504S 1460436E
412930S 1461800E - 412440S 1455046E
405950S 1453416E - 400002S 1451202E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 122.6D

LATERAL LIMITS: 405533S 1460200E - 410400S 1460419E
410041S 1455742E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 405533S 1460200E
VERTICAL LIMITS: FL125 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.05A

LATERAL LIMITS: 354540S 1381803E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354057S 1390022E
355410S 1390908E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 360012S 1381315E
354540S 1381803E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.05B

LATERAL LIMITS: 362422S 1380512E - 360012S 1381315E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 355410S 1390908E
361610S 1392351E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 362422S 1380512E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.05C

LATERAL LIMITS: 353001S 1364920E - 351527S 1373454E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
362422S 1380512E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 361610S 1392351E
364000S 1394000E - 365730S 1394000E
361004S 1350000E - 353001S 1350000E
353001S 1364920E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.4

LATERAL LIMITS: 250000S 1175056E - 240000S 1180932E
240000S 1191000E - 225700S 1193658E
223000S 1213000E - 241039S 1204002E
250000S 1201433E - 250000S 1175056E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.4A

LATERAL LIMITS: 310215S 1172130E - 302017S 1182634E
291800S 1200000E - 293808S 1200415E
294829S 1200627E - 301136S 1201123E
313731S 1203004E - 314307S 1200000E
315745S 1174321E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.5

LATERAL LIMITS: 305120S 1320000E - 294337S 1331818E
313500S 1352500E - 322545S 1350201E
325942S 1350800E - 335023S 1342334E
330000S 1320000E - 305120S 1320000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.75A

LATERAL LIMITS: 365113S 1445303E - 362404S 1452346E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 375846S 1462834E
375041S 1454532E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 365435S 1445252E
365113S 1445303E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.75B

LATERAL LIMITS: 370150S 1463300E - 365604S 1464323E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
380101S 1464053E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 370150S 1463300E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.75C

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.9

LATERAL LIMITS: 340014S 1172142E - 344956S 1201722E
364312S 1200000E - 362500S 1164000E
351052S 1151743E - 340014S 1172142E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.9A

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334758S 1372117E
333500S 1371600E - 322545S 1350201E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 123.9A1

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
320540S 1484951E - 321916S 1490651E
323732S 1492953E - 325958S 1485623E
323814S 1483942E - 323809S 1481522E
325607S 1480326E - 332313S 1474517E
325711S 1461543E - 314002S 1464609E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.9B

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
394736S 1450730E - 400000S 1450000E
403000S 1450000E - 403000S 1410000E
385404S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 123.9D

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
320540S 1484951E - 323732S 1492953E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
332313S 1474517E - 325711S 1461543E
324857S 1461901E - 314002S 1464609E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 123.95

LATERAL LIMITS: 411800S 1410000E - 411800S 1451500E
412440S 1455046E - 421022S 1462144E
422231S 1463007E - 423612S 1464828E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 432550S 1473136E
433839S 1473136E - 434348S 1455148E
424756S 1422850E - 422100S 1410000E
411800S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.0A1

LATERAL LIMITS: 372642S 1462949E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372100S 1464112E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 382732S 1461141E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 124.0A2

LATERAL LIMITS: 371730S 1465303E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 373510S 1475846E
373000S 1490000E - 380000S 1490000E
380000S 1502312E - 381119S 1501914E
400000S 1503354E - 403402S 1503839E
400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 393748S 1474428E
385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.0B

LATERAL LIMITS: 383640S 1461848E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 380101S 1464053E
380316S 1465314E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383640S 1461848E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.0C

LATERAL LIMITS: 372100S 1464112E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371730S 1465303E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 380316S 1465314E
380101S 1464053E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 372100S 1464112E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.3A

LATERAL LIMITS: 335010S 1400139E - 331736S 1403036E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 353534S 1411548E
352614S 1402806E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 335010S 1400139E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.5

LATERAL LIMITS: 273000S 1122001E - 261500S 1120835E
261500S 1143313E - 250000S 1160000E
250000S 1163241E - 274320S 1161648E
274109S 1160000E - 273000S 1122001E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.8

LATERAL LIMITS: 302644S 1155010E - 274044S 1154910E
274109S 1160000E - 280014S 1183807E
280853S 1184525E - 291800S 1200000E
302017S 1182634E - 310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.9

LATERAL LIMITS: 295353S 1424054E - 291518S 1431611E
314002S 1464609E - 324857S 1461901E
325711S 1461543E - 331136S 1453123E
333700S 1452924E - 332045S 1450242E
330800S 1444200E - 330000S 1440000E
330000S 1433100E - 314754S 1433100E
310000S 1424844E - 295353S 1424054E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 124.9B

LATERAL LIMITS: 325616S 1145418E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 330001S 1165534E
340014S 1172142E - 351052S 1151743E
341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
325616S 1145418E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.0A

LATERAL LIMITS: 344738S 1494503E - 344202S 1495122E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 343848S 1494851E
342540S 1501437E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 344620S 1504218E
351237S 1500019E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 344738S 1494503E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 125.0B

LATERAL LIMITS: 354449S 1503709E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 345607S 1505957E
344356S 1510000E - 344109S 1510226E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
354449S 1503709E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.0C

LATERAL LIMITS: 343917S 1505325E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 344109S 1510226E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351957S 1503429E
354449S 1503709E - 352548S 1493833E
352006S 1494812E - 351237S 1500019E
343917S 1505325E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2A

LATERAL LIMITS: 302814S 1161803E - 291930S 1163413E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 302017S 1182634E
310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302814S 1161803E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2B

LATERAL LIMITS: 361928S 1454154E - 354336S 1462655E
355401S 1464239E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360940S 1463928E
362740S 1461033E
then along the counter clockwise arc of a circle radius 45.00NM centre
360405S 1465758E (AY/DME) - 364828S 1464817E
362006S 1465850E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360306S 1471740E
360704S 1481400E - 361452S 1475610E
370150S 1463300E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 372100S 1464112E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 362404S 1452346E
361605S 1453242E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2C

LATERAL LIMITS: 365604S 1464323E - 361452S 1475610E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371731S 1465303E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 365604S 1464323E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2D

LATERAL LIMITS: 360813S 1454128E - 353633S 1461620E
354336S 1462655E - 361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2E

LATERAL LIMITS: 370150S 1463300E - 365604S 1464323E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 371730S 1465303E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372100S 1464112E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 370150S 1463300E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.2F

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.3A1

LATERAL LIMITS: 340550S 1392022E - 334643S 1393950E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 361610S 1392351E
355410S 1390908E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340550S 1392022E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.3A2

LATERAL LIMITS: 334643S 1393950E - 334220S 1394417E
330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 331736S 1403036E
335010S 1400139E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 362457S 1392947E
361610S 1392351E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.3A3

LATERAL LIMITS: 341716S 1390838E - 340550S 1392022E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 355410S 1390908E
354057S 1390022E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 125.35

LATERAL LIMITS: 291518S 1431611E - 290000S 1433000E
290000S 1442500E - 290000S 1463200E
292027S 1464641E - 305846S 1475856E
314002S 1464609E - 291518S 1431611E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.4

LATERAL LIMITS: 324903S 1170906E - 324945S 1171021E
325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
314307S 1200000E - 313731S 1203004E
321857S 1203917E - 344956S 1201722E
340014S 1172142E - 330001S 1165534E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.55B

LATERAL LIMITS: 420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415823S 1465212E
then along the counter clockwise arc of a circle radius 60.00NM centre
425050S 1473136E (TASUM/WPT) - 421555S 1462534E
421022S 1462144E - 420607S 1461849E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.55C

LATERAL LIMITS: 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E
then along the counter clockwise arc of a circle radius 50.00NM centre
425050S 1473136E (TASUM/WPT) - 420246S 1475019E
415226S 1474253E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
VERTICAL LIMITS: FL125 - FL145
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.7B

LATERAL LIMITS: 250000S 1160000E - 221500S 1160000E
220000S 1183000E - 225512S 1183000E
231514S 1182312E - 250000S 1175056E
250000S 1160000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.75

LATERAL LIMITS: 320000S 1203503E - 301136S 1201123E
290308S 1240116E - 283545S 1244947E
290000S 1250000E - 293000S 1250000E
305100S 1233737E - 320000S 1235018E
320000S 1203503E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.8

LATERAL LIMITS: 364000S 1394000E - 385404S 1394000E
385404S 1410000E - 385404S 1432539E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360152S 1442325E
350500S 1432612E - 350500S 1412138E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.9

LATERAL LIMITS: 322545S 1350201E - 333500S 1371600E
334758S 1372117E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 353001S 1364920E
353001S 1350000E - 344618S 1350000E
335023S 1342334E - 325942S 1350800E
322545S 1350201E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 125.9C

LATERAL LIMITS: 215000S 1113000E - 193036S 1133123E
213000S 1144500E - 233000S 1144500E
233000S 1114417E - 215000S 1113000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 126.5

LATERAL LIMITS: 290000S 1410000E - 280121S 1413747E
290000S 1433000E - 291518S 1431611E
295353S 1424054E - 310000S 1424844E
303000S 1420000E - 303000S 1410000E
290000S 1410000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 126.5A

LATERAL LIMITS: 395142S 1472453E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1483758E
403402S 1503839E - 423000S 1505529E
430000S 1510000E - 435103S 1503953E
433115S 1492130E - 433839S 1473136E
432550S 1473136E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 421946S 1475328E
420626S 1480244E - 415306S 1481156E
411433S 1483807E - 395142S 1472453E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 126.5B

LATERAL LIMITS: 402805S 1470214E
then along the clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 403536S 1475406E
404423S 1474749E
then along the counter clockwise arc of a circle radius 55.00NM centre
413238S 1471247E (LT/DME) - 404505S 1463607E
404009S 1463414E
then along the clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 403304S 1470259E
402805S 1470214E
VERTICAL LIMITS: FL125 - FL155
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 126.5C

LATERAL LIMITS: 400000S 1465800E - 400002S 1472109E
then along the clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 395142S 1472453E
411433S 1483807E - 415306S 1481156E
then along the counter clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 414657S 1474758E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 410621S 1473200E
403536S 1475406E
then along the counter clockwise arc of a circle radius 65.00NM centre
413238S 1471247E (LT/DME) - 402805S 1470214E
400000S 1465800E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 127.05

LATERAL LIMITS: 351526S 1373454E - 352056S 1371751E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340549S 1392023E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 351526S 1373454E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 127.05A

LATERAL LIMITS: 352056S 1371751E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
340549S 1392023E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 352056S 1371751E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 127.05B

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 128.15

LATERAL LIMITS: 225512S 1183000E - 220000S 1183000E
214000S 1201800E - 223000S 1213000E
225700S 1193658E - 240000S 1191000E
240000S 1180932E - 231514S 1182312E
225512S 1183000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 128.4

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344202S 1495122E
344738S 1494503E
then along the counter clockwise arc of a circle radius 40.00NM centre
351653S 1491145E (CB/DME) - 350505S 1482507E
345149S 1475032E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 129.8

LATERAL LIMITS: 335049S 1493506E - 334737S 1495255E
334909S 1500530E
then along the counter clockwise arc of a circle radius 55.00NM centre
335638S 1511057E (SY/DME) - 342540S 1501437E
342820S 1500925E - 343848S 1494851E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335049S 1493506E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 130.3

LATERAL LIMITS: 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
393748S 1474428E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 395142S 1472453E
384400S 1462740E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 130.3B

LATERAL LIMITS: 391849S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
395142S 1472453E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1472109E
400000S 1465800E - 400000S 1454701E
400002S 1451202E - 394736S 1450730E
391849S 1450733E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 130.9

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 132.7

LATERAL LIMITS: 330000S 1290000E - 283616S 1290000E
282326S 1301837E - 280951S 1313652E
294337S 1331818E - 305120S 1320000E
330000S 1320000E - 330000S 1290000E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.2

LATERAL LIMITS: 321857S 1203917E - 320000S 1203503E
320000S 1235018E - 325136S 1240000E
350427S 1250010E - 350000S 1201551E
344956S 1201722E - 321857S 1203917E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.8

LATERAL LIMITS: 291930S 1163413E - 274810S 1165509E
280014S 1183807E - 280853S 1184525E
291800S 1200000E - 302017S 1182634E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 291930S 1163413E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.9

LATERAL LIMITS: 310730S 1160839E - 305247S 1161211E
then along the clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 324042S 1165407E
323216S 1163906E
then along the counter clockwise arc of a circle radius 50.00NM centre
315642S 1155734E (PH/DME) - 310730S 1160839E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 133.9A

LATERAL LIMITS: 305247S 1161211E - 302814S 1161803E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325550S 1171752E
324945S 1171021E - 324042S 1165407E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 305247S 1161211E
VERTICAL LIMITS: 8500 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.2A

LATERAL LIMITS: 305100S 1233737E - 293000S 1250000E
284701S 1275000E - 283616S 1290000E
330000S 1290000E - 350427S 1250010E
325136S 1240000E - 320000S 1235018E
305100S 1233737E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.2B

LATERAL LIMITS: 300000S 1124356E - 273000S 1122001E
274044S 1154910E - 274109S 1160000E
274810S 1165509E - 291930S 1163413E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 300013S 1134939E
300000S 1124356E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.325A

LATERAL LIMITS: 382936S 1430048E - 375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.325B

LATERAL LIMITS: 382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
365113S 1445303E - 365435S 1445252E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 380146S 1440104E
382434S 1431149E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.325C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
361605S 1453242E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 382434S 1431149E
382936S 1430048E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE EFREQUENCY 134.5

LATERAL LIMITS: 214000S 1201800E - 193917S 1210744E
200318S 1214022E - 213119S 1243304E
232349S 1260332E - 263444S 1240000E
250000S 1211200E - 241039S 1204002E
223000S 1213000E - 214000S 1201800E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 134.65

LATERAL LIMITS: 331136S 1453123E - 325711S 1461543E
332313S 1474517E - 342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.25A

LATERAL LIMITS: 325958S 1485623E - 332222S 1482227E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E - 325607S 1480326E
323809S 1481522E - 323814S 1483942E
325958S 1485623E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3A

LATERAL LIMITS: 383640S 1461848E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 380101S 1464053E
380316S 1465314E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383640S 1461848E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3B

LATERAL LIMITS: 382407S 1445921E
then along the counter clockwise arc of a circle radius 45.00NM centre
373936S 1445032E (ML/DME) - 375041S 1454532E
375846S 1462834E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 382732S 1461141E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383640S 1461848E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 390842S 1450734E
383058S 1450738E - 382407S 1445921E
VERTICAL LIMITS: 8500 - FL125
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3C

LATERAL LIMITS: 390842S 1450734E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
390842S 1450734E
VERTICAL LIMITS: FL125 - FL180
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.3D

LATERAL LIMITS: 380033S 1442323E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380838S 1444049E
382407S 1445921E - 383058S 1450738E
390842S 1450734E - 391849S 1450733E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E - 380033S 1442323E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.45

LATERAL LIMITS: 352614S 1402806E - 353534S 1411548E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
362457S 1392947E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 352614S 1402806E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE EFREQUENCY 135.8

LATERAL LIMITS: 310215S 1172130E - 291800S 1200000E
311007S 1202403E - 314125S 1174140E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: FL180 - FL245
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH EFREQUENCY 135.25B

LATERAL LIMITS: 322351S 1152938E - 321329S 1154047E
321349S 1155652E - 321335S 1160503E
321556S 1161015E - 322416S 1162456E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
VERTICAL LIMITS: FL125 - FL245
CONTROLLING AUTHORITY: Airservices Australia

SECTION 12 – FLIGHT INFORMATION AREAS

Within Australian FIR the Flight Information Service for operations in uncontrolled airspace is organised on the basis of Flight Information Areas. Within each FIR FIS is provided by the Air Traffic Service Unit servicing the appropriate FIA.

YMMM/ADELAIDE CENTRE 130.45

LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342756S 1385736E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
342011S 1382231E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.1

LATERAL LIMITS: 165510S 1313645E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 155237S 1343314E
180000S 1350000E - 190000S 1313000E
171035S 1313000E - 165510S 1313645E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.15

LATERAL LIMITS: 120335S 1315130E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
135031S 1302320E - 150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 094839S 1313025E
100127S 1313932E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
120335S 1315130E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.2

LATERAL LIMITS: 164200S 1262800E - 195817S 1262943E
184249S 1293258E - 172339S 1284209E
170240S 1282850E - 164200S 1262800E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.2C

LATERAL LIMITS: 160303S 1431641E - 153025S 1414329E
150000S 1400000E - 140000S 1400000E
140000S 1420000E - 124000S 1440000E
120000S 1440000E - 120000S 1444211E
142518S 1450511E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 160303S 1431641E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 118.6

LATERAL LIMITS: 190523S 1400510E - 151831S 1410236E
153025S 1414329E - 160303S 1431641E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 165754S 1430822E
181748S 1435032E - 190500S 1425000E
200156S 1410740E
then along the counter clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 192234S 1403652E
190523S 1400510E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 118.8

LATERAL LIMITS: 272444S 1403009E - 244401S 1420032E
253000S 1434000E - 253000S 1443000E
290000S 1442500E - 290000S 1433000E
272444S 1403009E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 118.9

LATERAL LIMITS: 195817S 1262943E - 184249S 1293258E
190000S 1300000E - 190000S 1313000E
211232S 1315506E - 211209S 1315024E
231313S 1282749E - 232156S 1263134E
195817S 1262943E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 118.95

LATERAL LIMITS: 272000S 1473545E - 272000S 1494422E
281847S 1494952E - 284721S 1495848E
290000S 1490000E - 290807S 1474257E
292027S 1464641E - 290000S 1463200E
280312S 1470518E - 272000S 1473545E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 119.5

LATERAL LIMITS: 274706S 1524949E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275043S 1531815E
274614S 1533437E - 273519S 1533835E
274436S 1540000E - 282439S 1540000E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282827S 1530316E
282613S 1523635E
then along the clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 281911S 1522238E
275324S 1524511E - 274706S 1524949E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 119.55A

LATERAL LIMITS: 230540S 1492016E - 224842S 1490924E
222848S 1493500E - 222130S 1495154E
221432S 1500042E - 221700S 1501200E
221500S 1502000E - 221234S 1502527E
220600S 1503000E - 220600S 1504500E
213912S 1515208E - 221521S 1520250E
231318S 1531430E - 235130S 1533048E
235739S 1525747E - 240758S 1520048E
240923S 1515249E - 243037S 1510024E
250114S 1503818E - 243810S 1502030E
231000S 1493500E - 230540S 1492016E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 119.8

LATERAL LIMITS: 214342S 1435344E - 190500S 1425000E
181748S 1435032E - 183439S 1444606E
182013S 1452946E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
212657S 1454628E - 220117S 1454751E
215114S 1453526E - 214333S 1452558E
214342S 1435344E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.15

LATERAL LIMITS: 181748S 1435032E - 165754S 1430822E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 164146S 1430834E
164858S 1450709E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 171334S 1451518E
181748S 1435032E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.3A

LATERAL LIMITS: 290527S 1525416E
then along the clockwise arc of a circle radius 15.00NM centre
285228S 1530254E - 283751S 1525856E
283517S 1531135E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 282439S 1540000E
282950S 1540000E - 293445S 1534607E
293339S 1533120E
then along the counter clockwise arc of a circle radius 50.00NM centre
301910S 1530716E (CFS/DME) - 293133S 1524919E
292911S 1523329E - 290527S 1525416E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.3B

LATERAL LIMITS: 113630S 1400000E - 095000S 1394000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
113000S 1413000E - 113630S 1400000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.55A

LATERAL LIMITS: 304152S 1520220E - 304908S 1522033E
304040S 1523347E
then along the counter clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 305514S 1530605E
310916S 1530546E - 310807S 1531823E
324310S 1523129E - 324435S 1521924E
then along the counter clockwise arc of a circle radius 25.00NM centre
324749S 1514959E (SALUS/WPT) - 323602S 1512351E
322728S 1510559E - 312647S 1513304E
304152S 1520220E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.55B

LATERAL LIMITS: 182013S 1452946E - 174521S 1465948E
173128S 1473459E - 165130S 1472840E
165817S 1510431E - 184027S 1510035E
191613S 1511044E - 192201S 1482020E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 203758S 1460832E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192238S 1451042E
then along the clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 182013S 1452946E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 120.75

LATERAL LIMITS: 122603S 1261925E - 142014S 1233752E
154406S 1250206E - 155648S 1251500E
164200S 1262800E - 135006S 1282306E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 123955S 1280111E
122603S 1261925E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 121.2

LATERAL LIMITS: 142027S 1454949E - 154045S 1454704E
then along the counter clockwise arc of a circle radius 70.00NM centre
165101S 1454438E (CS/DME) - 160822S 1444643E
162907S 1451448E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164444S 1462136E
165105S 1471830E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 142027S 1454949E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 121.2A

LATERAL LIMITS: 285842S 1514737E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
262106S 1515405E - 263916S 1520608E
270515S 1521528E - 271200S 1523635E
271325S 1524103E - 274234S 1525259E
274413S 1525155E - 275324S 1524511E
285842S 1514737E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 121.3

LATERAL LIMITS: 142518S 1450511E - 120000S 1444211E
120000S 1483424E - 160959S 1510621E
165817S 1510431E - 165130S 1472840E
144419S 1470850E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 142518S 1450511E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 122.1

LATERAL LIMITS: 190000S 1313000E - 211104S 1315449E
211232S 1315506E - 212959S 1361944E
204356S 1361402E - 190114S 1374020E
180000S 1350000E - 190000S 1313000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.1

LATERAL LIMITS: 140000S 1420000E - 140000S 1400000E
113630S 1400000E - 113000S 1413000E
113000S 1440136E - 114330S 1440420E
120000S 1440000E - 124000S 1440000E
140000S 1420000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.1

LATERAL LIMITS: 142014S 1233752E - 161105S 1205545E
181500S 1235000E - 164200S 1262800E
155648S 1251500E - 154406S 1250206E
142014S 1233752E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.1

LATERAL LIMITS: 231000S 1404617E - 220825S 1425753E
214342S 1435344E - 214333S 1452558E
220117S 1454751E - 225859S 1455231E
241919S 1463729E - 253000S 1443000E
253000S 1434000E - 244401S 1420032E
231000S 1404617E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.2

LATERAL LIMITS: 135601S 1345250E - 131333S 1355800E
131321S 1360000E - 130048S 1375654E
130000S 1390000E - 140000S 1400000E
150000S 1400000E - 145629S 1385236E
150836S 1382042E - 154212S 1371254E
163557S 1371056E - 154648S 1363051E
144216S 1345658E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.3

LATERAL LIMITS: 220117S 1454751E - 212657S 1454628E
220114S 1462023E - 223115S 1472809E
225245S 1481740E - 230540S 1492016E
231000S 1493500E - 234609S 1495331E
243023S 1490448E - 251258S 1493128E
252729S 1483320E - 251204S 1470736E
225859S 1455231E - 220117S 1454751E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 122.4

LATERAL LIMITS: 204356S 1361402E - 190114S 1374020E
190523S 1400510E - 192234S 1403652E
then along the clockwise arc of a circle radius 100.00NM centre
203953S 1392909E (MA/DME) - 200156S 1410740E
201440S 1404424E
then along the clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 211015S 1404228E
213400S 1400900E - 222926S 1401456E
231000S 1404617E - 231000S 1370050E
221751S 1363807E - 215132S 1362225E
204356S 1361402E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.4

LATERAL LIMITS: 135006S 1282306E - 164200S 1262800E
170240S 1282850E - 172339S 1284209E
160030S 1301739E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 135006S 1282306E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.6

LATERAL LIMITS: 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 125456S 1314753E
133750S 1330610E - 134819S 1334000E
135123S 1335709E - 135601S 1345250E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 135031S 1302320E
132217S 1303407E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 122.6A

LATERAL LIMITS: 292911S 1523329E - 293133S 1524919E
then along the clockwise arc of a circle radius 50.00NM centre
301910S 1530716E (CFS/DME) - 293339S 1533120E
293445S 1534607E - 304020S 1533146E
310807S 1531823E - 310916S 1530546E
305514S 1530605E
then along the clockwise arc of a circle radius 36.00NM centre
301910S 1530716E (CFS/DME) - 304040S 1523347E
304908S 1522033E - 304152S 1520220E
292911S 1523329E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.4

LATERAL LIMITS: 095000S 1360000E - 131321S 1360000E
131333S 1355800E - 135601S 1345250E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 133112S 1344411E
125627S 1341010E - 125053S 1332536E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 112744S 1331545E
then along the counter clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 100127S 1313932E
094839S 1313025E - 095000S 1313558E
095000S 1360000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.7

LATERAL LIMITS: 160030S 1301739E - 172339S 1284209E
184249S 1293258E - 190000S 1300000E
190000S 1313000E - 171035S 1313000E
165510S 1313645E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 160030S 1301739E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.8

LATERAL LIMITS: 164146S 1430834E
then along the clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 151918S 1434103E
162907S 1451448E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164858S 1450709E
164146S 1430834E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.95

LATERAL LIMITS: 201440S 1404424E - 190500S 1425000E
214342S 1435344E - 220825S 1425753E
231000S 1404617E - 222926S 1401456E
213400S 1400900E - 211015S 1404228E
then along the counter clockwise arc of a circle radius 75.00NM centre
203953S 1392909E (MA/DME) - 201440S 1404424E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.95A1

LATERAL LIMITS: 252031S 1500000E - 251446S 1504849E
255704S 1512159E - 260151S 1512821E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 264115S 1510154E
252031S 1500000E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 123.95A2

LATERAL LIMITS: 252031S 1500000E - 264115S 1510154E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 282954S 1511632E
284721S 1495848E - 281847S 1494952E
272000S 1494422E - 270132S 1494240E
255703S 1500000E - 252031S 1500000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 123.95B

LATERAL LIMITS: 173711S 1184534E - 161105S 1205545E
181500S 1235000E - 203000S 1235000E
205402S 1231847E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.1

LATERAL LIMITS: 135601S 1345250E - 135123S 1335709E
134819S 1334000E - 133750S 1330610E
125456S 1314753E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 120335S 1315130E
112744S 1331545E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 125053S 1332536E
125627S 1341010E - 133112S 1344411E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 135601S 1345250E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.1A

LATERAL LIMITS: 255704S 1512159E - 250114S 1503818E
243037S 1510024E - 240923S 1515249E
240758S 1520048E - 235739S 1525747E
235130S 1533048E - 245855S 1540000E
250000S 1525100E - 250546S 1524403E
253334S 1521015E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 260151S 1512821E
255704S 1512159E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.6

LATERAL LIMITS: 181748S 1435032E - 171334S 1451518E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 164444S 1462136E
165105S 1471830E - 165130S 1472840E
173128S 1473459E - 182013S 1452946E
183439S 1444606E - 181748S 1435032E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.6A1

LATERAL LIMITS: 260151S 1512821E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 253334S 1521015E
250546S 1524403E - 252205S 1525624E
255215S 1531926E
then along the counter clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 262106S 1515405E
260151S 1512821E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 124.6A2

LATERAL LIMITS: 255215S 1531926E - 252205S 1525624E
250546S 1524403E - 250000S 1525100E
245855S 1540000E - 255215S 1531926E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 124.8

LATERAL LIMITS: 181500S 1235000E - 164200S 1262800E
232156S 1263134E - 232349S 1260332E
213119S 1243304E - 205402S 1231847E
203000S 1235000E - 181500S 1235000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 124.8A

LATERAL LIMITS: 313933S 1504242E - 311451S 1504736E
then along the counter clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 311349S 1505536E
313602S 1510906E - 313349S 1512957E
322728S 1510559E - 331422S 1505212E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331617S 1504654E
323202S 1503349E - 315803S 1502357E
315540S 1502316E - 313933S 1504242E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 124.8B

LATERAL LIMITS: 253000S 1443000E - 241919S 1463729E
255045S 1473000E - 272000S 1473545E
280312S 1470518E - 290000S 1463200E
290000S 1442500E - 253000S 1443000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.0

LATERAL LIMITS: 131321S 1360000E - 095000S 1360000E
095000S 1394000E - 113630S 1400000E
140000S 1400000E - 130000S 1390000E
130048S 1375654E - 131321S 1360000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 125.4

LATERAL LIMITS: 261331S 1382324E - 231000S 1370050E
231000S 1404617E - 244401S 1420032E
272444S 1403009E - 261331S 1382324E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.7

LATERAL LIMITS: 271325S 1524103E - 271200S 1523635E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 273519S 1533835E
274614S 1533437E - 275043S 1531815E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 274706S 1524949E
274413S 1525155E - 274234S 1525259E
271325S 1524103E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 125.7A

LATERAL LIMITS: 331422S 1505212E - 322728S 1510559E
323602S 1512351E
then along the clockwise arc of a circle radius 25.00NM centre
324749S 1514959E (SALUS/WPT) - 324435S 1521924E
324310S 1523129E - 325301S 1522631E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.7B

LATERAL LIMITS: 154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
151831S 1410236E - 190523S 1400510E
190114S 1374020E - 172018S 1370918E
154212S 1371254E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 125.75

LATERAL LIMITS: 302504S 1505226E - 294903S 1511235E
302619S 1514009E - 304152S 1520220E
312647S 1513304E - 313349S 1512957E
313602S 1510906E - 311349S 1505536E
then along the counter clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 310553S 1510225E
305459S 1504906E - 302504S 1505226E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 126.0

LATERAL LIMITS: 251204S 1470736E - 252729S 1483320E
251258S 1493128E - 252031S 1500000E
255703S 1500000E - 270132S 1494240E
272000S 1494422E - 272000S 1473545E
255045S 1473000E - 251204S 1470736E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 126.8

LATERAL LIMITS: 291933S 1512853E - 281911S 1522238E
then along the counter clockwise arc of a circle radius 70.00NM centre
272157S 1530821E (BN/DME) - 282613S 1523635E
282827S 1530316E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283517S 1531135E
283751S 1525856E
then along the counter clockwise arc of a circle radius 15.00NM centre
285228S 1530254E - 290527S 1525416E
292911S 1523329E - 291933S 1512853E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 127.1

LATERAL LIMITS: 290000S 1490000E - 282954S 1511632E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 285842S 1514737E
291933S 1512853E - 302504S 1505226E
305459S 1504906E - 310553S 1510225E
then along the clockwise arc of a circle radius 11.00NM centre
310358S 1504948E (TW/DME) - 311451S 1504736E
313933S 1504242E - 315540S 1502316E
315803S 1502357E - 320000S 1501800E
322154S 1491009E - 320540S 1484951E
292027S 1464641E - 290807S 1474257E
290000S 1490000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 128.5

LATERAL LIMITS: 155237S 1343314E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
154648S 1363051E - 163557S 1371056E
172018S 1370918E - 190114S 1374020E
180000S 1350000E - 155237S 1343314E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 128.55

LATERAL LIMITS: 212657S 1454628E - 203758S 1460832E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 201425S 1475702E
205938S 1482430E - 210904S 1490458E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211623S 1491100E
221534S 1490901E - 223515S 1492643E
224842S 1490924E - 230540S 1492016E
225245S 1481740E - 223115S 1472809E
220114S 1462023E - 212657S 1454628E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 128.6

LATERAL LIMITS: 325301S 1522631E - 310750S 1531831E
then along the clockwise arc of a circle radius 200.00NM centre
335638S 1511057E (SY/DME) - 362928S 1534847E
361336S 1522523E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
325301S 1522631E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 129.0

LATERAL LIMITS: 270515S 1521528E - 263916S 1520608E
262106S 1515405E
then along the clockwise arc of a circle radius 90.00NM centre
272157S 1530821E (BN/DME) - 255215S 1531926E
261007S 1532543E - 262610S 1533751E
270812S 1533818E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 271200S 1523635E
270515S 1521528E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/BRISBANE CENTRE 133.05

LATERAL LIMITS: 322154S 1491009E - 320000S 1501800E
315803S 1502357E - 323202S 1503349E
331617S 1504654E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
322154S 1491009E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 134.2

LATERAL LIMITS: 294903S 1511235E - 291933S 1512853E
292911S 1523329E - 304152S 1520220E
302619S 1514009E - 294903S 1511235E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 134.3

LATERAL LIMITS: 255215S 1531926E - 245855S 1540000E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
282950S 1540000E - 274436S 1540000E
273519S 1533835E
then along the counter clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 270812S 1533818E
262610S 1533751E - 261007S 1532543E
255215S 1531926E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 134.65

LATERAL LIMITS: 151918S 1434103E - 160822S 1444643E
then along the clockwise arc of a circle radius 70.00NM centre
165101S 1454438E (CS/DME) - 154045S 1454704E
142027S 1454949E
then along the counter clockwise arc of a circle radius 150.00NM centre
165101S 1454438E (CS/DME) - 151918S 1434103E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 135.3

LATERAL LIMITS: 243023S 1490448E - 234609S 1495331E
243810S 1502030E - 251446S 1504849E
252031S 1500000E - 251258S 1493128E
243023S 1490448E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/BRISBANE CENTRE 135.5A

LATERAL LIMITS: 201425S 1475702E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192406S 1482008E
then along the counter clockwise arc of a circle radius 90.00NM centre
191439S 1464530E (TL/DME) - 192201S 1482020E
191613S 1511044E - 213912S 1515208E
215916S 1510201E - 220600S 1504500E
220600S 1503000E - 221234S 1502527E
221500S 1502000E - 221700S 1501200E
221432S 1500042E - 222130S 1495154E
222848S 1493500E - 223515S 1492643E
221534S 1490901E - 211623S 1491100E
then along the clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 210904S 1490458E
205938S 1482430E - 201425S 1475702E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/CAIRNS APPROACH 126.1

LATERAL LIMITS: A circle radius 36.00NM centre
165101S 1454438E (CS/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA APPROACH 124.5

LATERAL LIMITS: 345226S 1491140E - 345200S 1493214E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 352006S 1494812E
353327S 1492531E - 354041S 1491140E
345226S 1491140E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/CANBERRA APPROACH 125.9

LATERAL LIMITS: 350920S 1483619E - 345232S 1490600E
345226S 1491140E - 354041S 1491140E
354549S 1490148E
then along the clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 350920S 1483619E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/HOBART CENTRE 125.55

LATERAL LIMITS: 422231S 1463007E - 421022S 1462144E
420607S 1461849E
then along the clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
420626S 1480244E - 421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 423612S 1464828E
422231S 1463007E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/LAUNCESTON CENTRE 123.8

LATERAL LIMITS: A circle radius 30.00NM centre
413238S 1471247E (LT/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.4

LATERAL LIMITS: 301136S 1201123E - 291800S 1200000E
263444S 1240000E - 280346S 1241356E
283545S 1244947E - 290308S 1240116E
301136S 1201123E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.6

LATERAL LIMITS: 330000S 1433100E - 350500S 1432612E
360152S 1442325E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
352230S 1463136E - 350521S 1465521E
350406S 1465632E - 345156S 1455200E
342100S 1452546E - 333700S 1452924E
330800S 1444200E - 330000S 1440000E
330000S 1433100E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 118.6A

LATERAL LIMITS: 182055S 1164824E - 173711S 1184534E
190000S 1201500E - 193917S 1210744E
214000S 1201800E - 220000S 1183000E
220445S 1174500E - 203615S 1173921E
193839S 1172759E - 182055S 1164824E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.95

LATERAL LIMITS: 280014S 1183807E - 241039S 1204002E
250000S 1211200E - 263444S 1240000E
291800S 1200000E - 280853S 1184525E
280014S 1183807E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.95A1

LATERAL LIMITS: 351016S 1375047E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334643S 1393950E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
342011S 1382231E - 342127S 1382259E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 351016S 1375047E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 118.95A2

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 119.5

LATERAL LIMITS: 280000S 1380000E - 261331S 1382324E
272444S 1403009E - 280121S 1413747E
290000S 1410000E - 303000S 1410000E
303000S 1395257E - 300000S 1400000E
284000S 1393000E - 280000S 1380000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 119.5B

LATERAL LIMITS: 345744S 1470232E - 345049S 1474758E
350920S 1483619E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 354549S 1490148E
360704S 1481400E - 360306S 1471740E
then along the counter clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 355401S 1464239E
353633S 1461620E - 352230S 1463136E
350521S 1465521E - 345744S 1470232E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 119.8

LATERAL LIMITS: 221058S 1301335E - 234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 260734S 1362607E
250104S 1375016E - 231000S 1370050E
221751S 1363807E - 215132S 1362225E
212959S 1361944E - 211232S 1315506E
211209S 1315024E - 221058S 1301335E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 120.3

LATERAL LIMITS: 325616S 1145418E - 322351S 1152938E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
324903S 1170906E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 325616S 1145418E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 120.3B

LATERAL LIMITS: 324903S 1170906E - 322416S 1162456E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312114S 1160519E
303803S 1161543E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 120.7A

LATERAL LIMITS: 280951S 1313652E - 255307S 1325836E
260734S 1362607E - 250104S 1375016E
261331S 1382324E - 280000S 1380000E
290000S 1364951E - 290521S 1363900E
294337S 1331818E - 280951S 1313652E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 120.7B

LATERAL LIMITS: 400000S 1454701E - 400000S 1465800E
403304S 1470259E
then along the counter clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 404009S 1463414E
404505S 1463607E - 410300S 1464300E
410921S 1464739E
then along the counter clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 415126S 1464135E
then along the counter clockwise arc of a circle radius 70.00NM centre
425050S 1473136E (TASUM/WPT) - 420607S 1461849E
412440S 1455046E - 412930S 1461800E
410504S 1460436E - 400000S 1454701E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 120.75

LATERAL LIMITS: 372237S 1474033E - 360704S 1481400E
354549S 1490148E - 353327S 1492531E
352548S 1493833E - 354449S 1503709E
365643S 1504503E - 380000S 1502312E
380000S 1490000E - 373000S 1490000E
373510S 1475846E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372237S 1474033E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 121.2A

LATERAL LIMITS: 290000S 1364951E - 280000S 1380000E
284000S 1393000E - 300000S 1400000E
303000S 1395257E - 321805S 1392655E
313500S 1390000E - 313500S 1375000E
301422S 1380000E - 290521S 1363900E
290000S 1364951E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 121.2B

LATERAL LIMITS: 343848S 1494851E - 342023S 1502453E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
354449S 1503709E - 352548S 1493833E
352006S 1494812E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345458S 1493646E
344202S 1495122E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 343848S 1494851E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 121.2C

LATERAL LIMITS: 273000S 1122001E - 274044S 1154910E
302644S 1155010E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 305736S 1143805E
300013S 1134939E - 300000S 1124356E
273000S 1122001E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 121.85

LATERAL LIMITS: 242909S 1280649E - 231920S 1270808E
231313S 1282749E - 221058S 1301335E
234638S 1321434E
then along the counter clockwise arc of a circle radius 90.00NM centre
234734S 1335241E (AS/DME) - 251148S 1331711E
255307S 1325836E - 280951S 1313652E
282326S 1301837E - 260708S 1280649E
242909S 1280649E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.0

LATERAL LIMITS: 294337S 1331818E - 290521S 1363900E
301422S 1380000E - 313500S 1375000E
313500S 1352500E - 294337S 1331818E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.1

LATERAL LIMITS: 332034S 1403410E - 330000S 1433100E
350500S 1432612E - 350500S 1412138E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 332034S 1403410E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.1D

LATERAL LIMITS: 261500S 1120835E - 233000S 1114417E
233000S 1144500E - 233000S 1160000E
250000S 1160000E - 261500S 1143313E
261500S 1120835E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4B

LATERAL LIMITS: 365113S 1445303E - 361605S 1453242E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361928S 1454154E
361207S 1455112E - 363045S 1454137E
then along the clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 372642S 1462949E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 375448S 1460718E
374708S 1452708E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 370936S 1445203E
365113S 1445303E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4B1

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4C

LATERAL LIMITS: 213000S 1144500E - 193036S 1133123E
182055S 1164824E - 193839S 1172759E
203615S 1173921E - 220445S 1174500E
221500S 1160000E - 233000S 1160000E
233000S 1144500E - 213000S 1144500E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4D

LATERAL LIMITS: 311539S 1125628E - 300000S 1124356E
300013S 1134939E - 305736S 1143805E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 330337S 1144613E
335447S 1134859E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311539S 1125628E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.4E

LATERAL LIMITS: 330337S 1144613E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
303646S 1155014E
then along the clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303803S 1161543E
312114S 1160519E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
330337S 1144613E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.6

LATERAL LIMITS: 411800S 1410000E - 403000S 1410000E
403000S 1450000E - 400000S 1450000E
394736S 1450730E - 400002S 1451202E
400000S 1454701E - 410504S 1460436E
412930S 1461800E - 412440S 1455046E
411800S 1451500E - 411800S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.6

LATERAL LIMITS: 274320S 1161648E - 250000S 1163241E
250000S 1201500E - 280014S 1183807E
274320S 1161648E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 122.6A

LATERAL LIMITS: 321805S 1392655E - 303000S 1395257E
303000S 1410000E - 303000S 1420000E
310000S 1424844E - 314754S 1433100E
330000S 1433100E - 332034S 1403410E
then along the counter clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 325209S 1394832E
321805S 1392655E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.05

LATERAL LIMITS: 353001S 1350000E - 353001S 1364920E
351016S 1375047E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 352836S 1385213E
364000S 1394000E - 365730S 1394000E
361004S 1350000E - 353001S 1350000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.35A

LATERAL LIMITS: 375533S 1452236E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 374708S 1452708E
375448S 1460718E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E - 381343S 1442049E
then along the counter clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381247S 1443617E
381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 380505S 1452930E
375533S 1452236E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.35B

LATERAL LIMITS: 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
380836S 1442149E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.35C

LATERAL LIMITS: 381343S 1442049E - 380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
381247S 1443617E
then along the clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381343S 1442049E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.4A

LATERAL LIMITS: 250000S 1175056E - 240000S 1180932E
240000S 1191000E - 225700S 1193658E
223000S 1213000E - 241039S 1204002E
250000S 1201433E - 250000S 1175056E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.4B

LATERAL LIMITS: 310215S 1172130E - 302017S 1182634E
291800S 1200000E - 293808S 1200415E
294829S 1200627E - 301136S 1201123E
313731S 1203004E - 314307S 1200000E
315745S 1174321E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.4C

LATERAL LIMITS: 310812S 1171207E - 310215S 1172130E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
315854S 1173135E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 310812S 1171207E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.5

LATERAL LIMITS: 305120S 1320000E - 294337S 1331818E
313500S 1352500E - 322545S 1350201E
325942S 1350800E - 335023S 1342334E
330000S 1320000E - 305120S 1320000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 123.9

LATERAL LIMITS: 314002S 1464609E - 305846S 1475856E
320540S 1484951E - 323732S 1492953E
325958S 1485623E - 323814S 1483942E
323809S 1481522E - 325607S 1480326E
324857S 1461901E - 314002S 1464609E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.9A

LATERAL LIMITS: 322545S 1350201E - 313500S 1352500E
313500S 1375000E - 313500S 1390000E
325209S 1394832E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 330122S 1400705E
333822S 1394630E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331846S 1380646E
332920S 1380518E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334758S 1372117E
333500S 1371600E - 322545S 1350201E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.9B

LATERAL LIMITS: 385404S 1410000E - 385404S 1432539E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
394736S 1450730E - 400000S 1450000E
403000S 1450000E - 403000S 1410000E
385404S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.9C

LATERAL LIMITS: 351052S 1151743E - 340014S 1172142E
344956S 1201722E - 350000S 1201551E
364312S 1200000E - 362500S 1164000E
351052S 1151743E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 123.95

LATERAL LIMITS: 422100S 1410000E - 411800S 1410000E
411800S 1451500E - 412440S 1455046E
421022S 1462144E - 422231S 1463007E
423612S 1464828E
then along the counter clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 432550S 1473136E
433839S 1473136E - 434348S 1455148E
424756S 1422850E - 422100S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 124.0A

LATERAL LIMITS: 385515S 1471954E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 373510S 1475846E
373000S 1490000E - 380000S 1490000E
380000S 1502312E - 381119S 1501914E
400000S 1503354E - 403402S 1503839E
400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 393748S 1474428E
385515S 1471954E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.1A

LATERAL LIMITS: 345149S 1475032E - 345004S 1475258E
then along the clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 341702S 1482730E
335940S 1493450E
then along the clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335049S 1493506E
334737S 1495255E - 335035S 1501723E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342023S 1502453E
343848S 1494851E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 344202S 1495122E
345458S 1493646E
then along the counter clockwise arc of a circle radius 30.00NM centre
351653S 1491145E (CB/DME) - 345200S 1493214E
345232S 1490600E - 350920S 1483619E
345149S 1475032E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.3

LATERAL LIMITS: 335010S 1400139E - 331736S 1403036E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 353534S 1411548E
352614S 1402806E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 335010S 1400139E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.5

LATERAL LIMITS: 273000S 1122001E - 261500S 1120835E
261500S 1143313E - 250000S 1160000E
250000S 1163241E - 274320S 1161648E
274109S 1160000E - 273000S 1122001E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.8

LATERAL LIMITS: 302644S 1155010E - 274044S 1154910E
274109S 1160000E - 280014S 1183807E
280853S 1184525E - 291800S 1200000E
302017S 1182634E - 310215S 1172130E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 302644S 1155010E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.8B

LATERAL LIMITS: 302644S 1155010E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 310215S 1172130E
310812S 1171207E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 303646S 1155014E
302644S 1155010E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.9

LATERAL LIMITS: 295353S 1424054E - 291518S 1431611E
314002S 1464609E - 324857S 1461901E
325711S 1461543E - 331136S 1453123E
333700S 1452924E - 332045S 1450242E
330800S 1444200E - 330000S 1440000E
330000S 1433100E - 314754S 1433100E
310000S 1424844E - 295353S 1424054E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 124.9B

LATERAL LIMITS: 335447S 1134859E - 330337S 1144613E
325616S 1145418E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 330001S 1165534E
340014S 1172142E - 351052S 1151743E
341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 335447S 1134859E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.2

LATERAL LIMITS: 360813S 1454128E - 353633S 1461620E
355401S 1464239E
then along the clockwise arc of a circle radius 16.00NM centre
360405S 1465758E (AY/DME) - 360306S 1471740E
360704S 1481400E - 372237S 1474033E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 372642S 1462949E
then along the counter clockwise arc of a circle radius 80.00NM centre
373936S 1445032E (ML/DME) - 363045S 1454137E
361207S 1455112E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.2A

LATERAL LIMITS: 361605S 1453242E - 360813S 1454128E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 361207S 1455112E
361928S 1454154E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.3

LATERAL LIMITS: 334220S 1394417E - 330122S 1400705E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 331736S 1403036E
335010S 1400139E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 362457S 1392947E
352836S 1385213E
then along the counter clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342756S 1385736E
334220S 1394417E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 125.35

LATERAL LIMITS: 291518S 1431611E - 290000S 1433000E
290000S 1442500E - 290000S 1463200E
292027S 1464641E - 305846S 1475856E
314002S 1464609E - 291518S 1431611E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.4

LATERAL LIMITS: 315745S 1174321E - 314307S 1200000E
313731S 1203004E - 320000S 1203503E
321857S 1203917E - 344956S 1201722E
340014S 1172142E - 330001S 1165534E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 324903S 1170906E
325436S 1171906E
then along the counter clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 315745S 1174321E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.4B

LATERAL LIMITS: 315854S 1173135E - 315745S 1174321E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 325436S 1171906E
324903S 1170906E
then along the counter clockwise arc of a circle radius 80.00NM centre
315642S 1155734E (PH/DME) - 315854S 1173135E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.7

LATERAL LIMITS: 250000S 1160000E - 221500S 1160000E
220000S 1183000E - 225512S 1183000E
231514S 1182312E - 250000S 1175056E
250000S 1160000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.75

LATERAL LIMITS: 320000S 1203503E - 301136S 1201123E
290308S 1240116E - 283545S 1244947E
290000S 1250000E - 293000S 1250000E
305100S 1233737E - 320000S 1235018E
320000S 1203503E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.8

LATERAL LIMITS: 360658S 1410000E - 362841S 1410000E
364000S 1394000E - 385404S 1394000E
385404S 1410000E - 385404S 1432539E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360152S 1442325E
350500S 1432612E - 350500S 1412138E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.9

LATERAL LIMITS: 322545S 1350201E - 325942S 1350800E
335023S 1342334E - 344618S 1350000E
353001S 1350000E - 353001S 1364920E
then along the clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 334758S 1372117E
333500S 1371600E - 322545S 1350201E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 125.9C

LATERAL LIMITS: 215000S 1113000E - 193036S 1133123E
213000S 1144500E - 221500S 1144500E
233000S 1144500E - 233000S 1114417E
215000S 1113000E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 126.5

LATERAL LIMITS: 303000S 1410000E - 290000S 1410000E
280121S 1413747E - 290000S 1433000E
291518S 1431611E - 295353S 1424054E
310000S 1424844E - 303000S 1420000E
303000S 1410000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 126.5

LATERAL LIMITS: 400000S 1465800E - 403304S 1470259E
then along the counter clockwise arc of a circle radius 60.00NM centre
413238S 1471247E (LT/DME) - 404009S 1463414E
410300S 1464300E - 410921S 1464739E
then along the clockwise arc of a circle radius 30.00NM centre
413238S 1471247E (LT/DME) - 414657S 1474758E
then along the clockwise arc of a circle radius 65.00NM centre
425050S 1473136E (TASUM/WPT) - 415306S 1481156E
421946S 1475328E
then along the clockwise arc of a circle radius 35.00NM centre
425050S 1473136E (TASUM/WPT) - 432550S 1473136E
433839S 1473136E - 433115S 1492130E
435103S 1503953E - 430000S 1510000E
423000S 1505529E - 403402S 1503839E
400002S 1483758E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1472109E
400000S 1465800E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 126.8A

LATERAL LIMITS: 382434S 1431149E
then along the clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 361605S 1453242E
365113S 1445303E - 370936S 1445204E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375404S 1441722E
382434S 1431149E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 126.8B

LATERAL LIMITS: 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 126.8C

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
361605S 1453242E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 382434S 1431149E
382936S 1430048E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 127.05A

LATERAL LIMITS: 332920S 1380518E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 333822S 1394630E
334220S 1394417E - 334643S 1393950E
then along the counter clockwise arc of a circle radius 90.00NM centre
345649S 1383128E (AD/DME) - 332920S 1380518E
VERTICAL LIMITS: 9500 - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 128.15

LATERAL LIMITS: 240000S 1180932E - 231514S 1182312E
225512S 1183000E - 220000S 1183000E
214000S 1201800E - 223000S 1213000E
225700S 1193658E - 240000S 1191000E
240000S 1180932E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 130.3

LATERAL LIMITS: 394736S 1450730E - 391849S 1450733E
then along the counter clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384400S 1462740E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 385515S 1471954E
393748S 1474428E
then along the counter clockwise arc of a circle radius 30.00NM centre
400529S 1475934E - 400002S 1472109E
400000S 1465800E - 400000S 1454701E
400002S 1451202E - 394736S 1450730E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 130.9

LATERAL LIMITS: 263444S 1240000E - 232349S 1260332E
232156S 1263134E - 231920S 1270808E
242909S 1280649E - 260708S 1280649E
282326S 1301837E - 283616S 1290000E
284701S 1275000E - 293000S 1250000E
290000S 1250000E - 283545S 1244947E
280346S 1241356E - 263444S 1240000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 132.7

LATERAL LIMITS: 330000S 1290000E - 283616S 1290000E
282326S 1301837E - 280951S 1313652E
294337S 1331818E - 305120S 1320000E
330000S 1320000E - 330000S 1290000E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 133.2

LATERAL LIMITS: 321857S 1203917E - 320000S 1203503E
320000S 1235018E - 325136S 1240000E
350427S 1250010E - 350000S 1201551E
344956S 1201722E - 321857S 1203917E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.2

LATERAL LIMITS: 305100S 1233737E - 293000S 1250000E
284701S 1275000E - 283616S 1290000E
330000S 1290000E - 350427S 1250010E
325136S 1240000E - 320000S 1235018E
305100S 1233737E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.325A

LATERAL LIMITS: 382936S 1430048E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 360813S 1454128E
361605S 1453242E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 382434S 1431149E
382936S 1430048E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.325B

LATERAL LIMITS: 384614S 1431550E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 382936S 1430048E
375404S 1441722E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380033S 1442323E
380836S 1442149E - 384614S 1431550E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 134.5

LATERAL LIMITS: 214000S 1201800E - 193917S 1210744E
200318S 1214022E - 213119S 1243304E
232349S 1260332E - 263444S 1240000E
250000S 1211200E - 241039S 1204002E
223000S 1213000E - 214000S 1201800E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 134.65

LATERAL LIMITS: 325711S 1461543E - 324857S 1461901E
325607S 1480326E - 332313S 1474517E
342918S 1480916E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 345004S 1475258E
345149S 1475032E - 345049S 1474758E
345744S 1470232E - 350406S 1465632E
345156S 1455200E - 342100S 1452546E
333700S 1452924E - 331136S 1453123E
325711S 1461543E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/MELBOURNE CENTRE 135.25

LATERAL LIMITS: 332313S 1474517E - 323809S 1481522E
323814S 1483942E - 325958S 1485623E
323732S 1492953E - 332539S 1503147E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 335035S 1501723E
334737S 1495255E - 335049S 1493506E
then along the counter clockwise arc of a circle radius 80.00NM centre
335638S 1511057E (SY/DME) - 335940S 1493450E
341702S 1482730E
then along the counter clockwise arc of a circle radius 70.00NM centre
351653S 1491145E (CB/DME) - 342918S 1480916E
332313S 1474517E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.3A

LATERAL LIMITS: 390842S 1450734E
then along the counter clockwise arc of a circle radius 90.00NM centre
373936S 1445032E (ML/DME) - 383640S 1461848E
then along the counter clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 384400S 1462740E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 391849S 1450733E
390842S 1450734E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.3B

LATERAL LIMITS: 380907S 1443338E - 381853S 1444044E
then along the counter clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381934S 1445353E
383058S 1450738E - 391849S 1450733E
then along the clockwise arc of a circle radius 100.00NM centre
373936S 1445032E (ML/DME) - 384614S 1431550E
380836S 1442149E
then along the counter clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380907S 1443338E
VERTICAL LIMITS: 8500 - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.45

LATERAL LIMITS: 352614S 1402806E - 353534S 1411548E
then along the clockwise arc of a circle radius 140.00NM centre
345649S 1383128E (AD/DME) - 360658S 1410000E
362841S 1410000E - 364000S 1394000E
362457S 1392947E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 352614S 1402806E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/MELBOURNE CENTRE 135.7

LATERAL LIMITS: 380033S 1442323E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 375533S 1452236E
380505S 1452930E
then along the clockwise arc of a circle radius 40.00NM centre
373936S 1445032E (ML/DME) - 381853S 1444044E
380907S 1443338E
then along the clockwise arc of a circle radius 8.00NM centre
380222S 1442810E - 380836S 1442149E
380033S 1442323E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25A

LATERAL LIMITS: 314823S 1154906E - 314829S 1154909E
314909S 1154910E - 314926S 1154910E
315006S 1154911E - 315055S 1154923E
315119S 1154923E - 315458S 1154855E
315820S 1154737E - 320041S 1154721E
320302S 1155136E
then along the clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320515S 1154925E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314823S 1154906E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25B

LATERAL LIMITS: 320851S 1154155E
then along the clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320554S 1161547E
320644S 1160902E - 320541S 1160505E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320515S 1154925E
then along the counter clockwise arc of a circle radius 3.00NM centre
320551S 1155252E - 320442S 1155608E
320456S 1160005E - 320541S 1160505E
then along the clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320740S 1155851E
320948S 1155641E - 320851S 1154155E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25C

LATERAL LIMITS: 320851S 1154155E - 320948S 1155641E
321059S 1155529E - 321010S 1154422E
320851S 1154155E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25D

LATERAL LIMITS: 321329S 1154047E
then along the clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 321556S 1161015E
320554S 1161547E
then along the counter clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320851S 1154155E
321329S 1154047E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25E

LATERAL LIMITS: 320851S 1154155E - 321010S 1154422E
321059S 1155529E - 320948S 1155641E
320740S 1155851E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 320541S 1160505E
320644S 1160902E - 320554S 1161547E
321556S 1161015E - 321335S 1160503E
321349S 1155652E - 321329S 1154047E
320851S 1154155E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25F

LATERAL LIMITS: 321329S 1154047E - 321349S 1155652E
321335S 1160503E - 321556S 1161015E
322416S 1162456E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322351S 1152938E
321329S 1154047E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YMMM/PERTH CENTRE 135.25G

LATERAL LIMITS: 322351S 1152938E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322416S 1162456E
321556S 1161015E
then along the counter clockwise arc of a circle radius 22.00NM centre
315642S 1155734E (PH/DME) - 321329S 1154047E
322351S 1152938E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CENTRE 124.55

LATERAL LIMITS: 331422S 1505212E - 333139S 1505947E
then along the clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 334105S 1505953E
334548S 1510443E - 334932S 1510518E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334949S 1511705E
335003S 1511654E
then along SY COAST 3 - 335222S 1511704E
then along SY COAST 4 - 335334S 1511706E
335807S 1511557E - 335935S 1511508E
335936S 1511457E - 335940S 1511456E
335945S 1511456E - 335949S 1511501E
340006S 1511500E - 340108S 1511348E
then along SY COAST 5 - 340204S 1511331E
340206S 1511320E - 340207S 1511319E
340214S 1511321E
then along SY COAST 6 - 340220S 1511011E
340221S 1510948E - 340223S 1510946E
340234S 1510946E
then along SY COAST 7 - 340417S 1510922E
340434S 1511004E
then along SY COAST 8 - 340505S 1511015E
340507S 1511016E - 341121S 1512717E
342822S 1514929E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 331422S 1505212E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB-YMMM/SYDNEY CENTRE 125.8

LATERAL LIMITS: 333139S 1505947E - 331422S 1505212E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
341121S 1512717E - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
then along SY COAST 3 - 335003S 1511654E
334949S 1511705E
then along the counter clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334932S 1510518E
334548S 1510443E - 334105S 1505953E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 333139S 1505947E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Airservices Australia

YBBB/TOWNSVILLE APPROACH 126.8

LATERAL LIMITS: A circle radius 36.00NM centre
191439S 1464530E (TL/DME)
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: AS SPECIFIED BY AIP
CONTROLLING AUTHORITY: Dept of Defence - RAAF

SECTION 13 – SPECIAL USE AIRSPACE

AIRSPACE NAME

Airspace is named according to the general commonly known geographic region, e.g. **R237 WOOMERA**.
Where a more specific name is required, that name will be placed after the regional name in brackets, e.g. **R736 TOWNSVILLE (STAR)**, where "Star" is the name of a property in that region.

SPECIAL USE AIRSPACE (SUA) CONTACT DETAILS

Refer ERSA for all SUA contact phone numbers.

ACRONYM LEGEND

ACFR	Australian Centre for Field Robotics, Sydney University
AD OPR	Aerodrome Operator
AFHQ	Air Force Headquarters
ANSTO	Australian Nuclear Science & Technology Organisation
AsA	AirServices Australia
BCP	Base Command Post
CASA OAR	Civil Aviation Safety Authority, Office of Airspace Regulation
CSIG	Corporate Services & Infrastructure Group
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DEFENCE	Department of Defence (Switchboard)
DO	Duty Officer
DOTAM	Director of Training Area Management
DS	Defence Support
EODF	Explosive Ordnance Defence Flight
FLT	Flight
FLTCDR	Flight Commander
GBRMPA	Great Barrier Reef Marine Park Authority
HQ	Headquarters
HRL	Hunter River Lancers
JACC	Joint Airspace Control Cell
MHQ	Maritime Headquarters
MOA	Military Operating Area
NDTAM	Non Defence Training Area Manager
OC	Officer Commanding
OIC	Officer In Charge
OPSO	Operations Officer
OPS WO	Operations Warrant Officer
RAAF	Royal Australian Air Force
RCO	Range Control Officer
RSU	Radar Support Unit
SRPSU	School of Radio Physics, Sydney University
WTF	Weapons Training Flight
WTO	Weapons Training Officer

RESTRICTED AREA (RA) STATUS LEGEND

Conditional RA Status

In order to assist with shared use of airspace, all restricted areas have been allocated an 'RA Status'. This status will give an indication as to the likelihood of obtaining a clearance to fly through restricted airspace. NOTAM may be issued to indicate changes to the RA Status; which should be checked prior to flight planning.

Conditional RA1: Pilots may flight plan through the Restricted Area and under normal circumstances expect a clearance from ATC.

Conditional RA2: Pilots must not flight plan through the Restricted Area unless on a route specified in ERSA GEN FPR or under agreement with the Controlling Authority, however a clearance from ATC is not assured. Other tracking may be offered through the Restricted Area on a tactical basis.

Conditional RA3: Pilots must not flight plan through the Restricted Area and clearances will not be available.

MILITARY OPERATING AREAS

MOA are a subset of Danger Areas. They are primarily established outside Australian territory in Australian-administered airspace for use by the Australian Defence Force for military training and exercises. Outside Australian territory, only Australian registered aircraft are restricted from entering MOA unless they have Administering Authority approval. Within Australian territory, both foreign registered and Australian registered aircraft are restricted from entering MOA unless they have Administering Authority approval. It is highly recommended that foreign registered aircraft make appropriate safety contact with the relevant Administering Authority if they choose to enter an active MOA outside Australian territory.

RESTRICTED AREAS

YMMM/R122 NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 2.00NM centre 214900S 1140930E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: MSCSPO NCS Harold E Holt

YMMM/R124 NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 1.00NM centre 222002S 1140240E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: MSCSPO NCS Harold E Holt

YMMM/R125A NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 2.85NM centre 215325S 1140708E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: XO 1SSU

YMMM/R125B NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 4.55NM centre 215325S 1140708E
VERTICAL LIMITS: 1500 - FL135
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: XO 1SSU

YMMM/R125C NORTH WEST CAPE
CONDITIONAL STATUS: RA3
COMMUNICATIONS
LATERAL LIMITS: A circle radius 2.55NM centre 215325S 1140708E
VERTICAL LIMITS: FL135 - FL200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: XO 1SSU

YMMM/R129 BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 311420S 1161914E - 311420S 1162032E 311526S 1162032E - 311526S 1161914E 311420S 1161914E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM WA

YMMM/R131A YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 3.00NM centre 290246S 1152040E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131B YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 6.00NM centre 290246S 1152040E
VERTICAL LIMITS: 5000 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131C YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 9.00NM centre 290246S 1152040E
VERTICAL LIMITS: 10000 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131D YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 13.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL150 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131E YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 16.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL250 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131F YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 20.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL350 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R131G YATHARAGGA
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 23.00NM centre 290246S 1152040E
VERTICAL LIMITS: FL450 - UNL
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Geoscience Australia

YMMM/R134A BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 311648S 1161430E - 310800S 1161430E 310800S 1162300E - 312217S 1162300E 312217S 1161650E - 312036S 1161542E 311648S 1161542E - 311648S 1161430E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM WA

YMMM/R134B BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 311400S 1161430E - 310800S 1161430E 310800S 1162300E - 311400S 1162300E 311400S 1161430E
VERTICAL LIMITS: SFC - 9000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM WA

YMMM/R134C BINDOON
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 312036S 1161224E - 311648S 1161224E 311648S 1161542E - 312036S 1161542E 312036S 1161224E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army DOTAM WA

YMMM/R134D BINDOON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 312036S 1161224E - 311648S 1161224E 311648S 1161542E - 312036S 1161542E 312036S 1161224E
VERTICAL LIMITS: 4000 - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM WA

YMMM/R135 LAVERTON
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 5.00NM centre 281900S 1225030E
VERTICAL LIMITS: SFC - 8200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1RSU OPS FLTCDR

YMMM/R140A GARDEN ISLAND
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre 321036S 1154018E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Navy HMAS Stirling

YMMM/R140B GARDEN ISLAND
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre 321036S 1154018E
VERTICAL LIMITS: 1500 - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Navy HMAS Stirling

YMMM/R153A PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 314551S 1155949E - 314406S 1160237E 313938S 1160423E
then along the clockwise arc of a circle radius 18.00NM centre 315642S 1155734E (PH/DME) - 314435S 1161314E 314513S 1161225E - 314815S 1160552E
then along the counter clockwise arc of a circle radius 11.00NM centre 315642S 1155734E (PH/DME) - 314551S 1155949E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R153B PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 313938S 1160423E - 313550S 1160555E
then along the clockwise arc of a circle radius 22.00NM centre 315642S 1155734E (PH/DME) - 314153S 1161642E 314435S 1161314E
then along the counter clockwise arc of a circle radius 18.00NM centre 315642S 1155734E (PH/DME) - 313938S 1160423E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R153C PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 313550S 1160555E - 312234S 1161112E
then along the clockwise arc of a circle radius 36.00NM centre 315642S 1155734E (PH/DME) - 313057S 1162708E 313313S 1162749E - 314153S 1161642E
then along the counter clockwise arc of a circle radius 22.00NM centre 315642S 1155734E (PH/DME) - 313550S 1160555E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R153D PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 312234S 1161112E - 305947S 1162011E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310200S 1162642E
310458S 1162625E
then along TOODYAY/BINDI BINDI RD 4 - 312403S 1163001E
then along TOODYAY/BINDI BINDI RD 5 - 312727S 1162604E
313057S 1162708E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312234S 1161112E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R155A PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 314722S 1155043E - 314543S 1154602E
then along 2NM LAN & PARL TO COT STH - 312556S 1153532E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312234S 1161112E
314406S 1160237E - 314551S 1155949E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314722S 1155043E
VERTICAL LIMITS: SFC - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R155B PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 312556S 1153532E
then along 2NM LAN & PARL TO COT NTH - 310405S 1152336E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 305947S 1162011E
312234S 1161112E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 312556S 1153532E
VERTICAL LIMITS: SFC - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R156 PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 304024S 1150543E
then along 2NM SEAWARD & PARL TO COT 8 - 303839S 1150455E
then along the clockwise arc of a circle radius 90.00NM centre
315642S 1155734E (PH/DME) - 303117S 1163119E
305947S 1162011E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310405S 1152336E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310608S 1151935E
then along 2NM SEAWARD & PARL TO COT 9 - 304024S 1150543E
VERTICAL LIMITS: 4000 - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R163 PEARCE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 315231S 1152240E - 315246S 1152456E
314543S 1154602E - 314722S 1155043E
then along the counter clockwise arc of a circle radius 11.00NM centre
315642S 1155734E (PH/DME) - 314823S 1154906E
315714S 1153626E
then along the counter clockwise arc of a circle radius 18.00NM centre
315642S 1155734E (PH/DME) - 320107S 1153702E
320927S 1153932E
then along W COAST GARDEN ISLAND - 321329S 1154047E
321451S 1154124E - 322232S 1153930E
then along the clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 321447S 1152922E
then along the clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 315231S 1152240E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R179 PEARCE
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 313450S 1154820E - 313450S 1155600E
314140S 1155700E - 314300S 1155230E
314140S 1155020E - 313450S 1154820E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/R184 LANCELIN
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 1.50NM centre
305254S 1151612E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Navy HMAS Stirling

YMMM/R189 STIRLING
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 321451S 1154124E - 322232S 1153930E
then along the clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 321447S 1152922E
320927S 1153932E
then along W COAST GARDEN ISLAND - 321329S 1154047E
321451S 1154124E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Navy HMAS Stirling

YBBB/R203A KANGAROO FLAT
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124530S 1304851E - 124530S 1305157E
124653S 1305157E
then along LITCHFIELD PARK RD - 124953S 1304952E
124953S 1304703E - 124622S 1304703E
124623S 1304851E - 124530S 1304851E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: MON-FRI 2000-1300 EXC PH or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Kangaroo Flat

YBBB/R203B KANGAROO FLAT
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124530S 1304851E - 124530S 1305157E
124653S 1305157E
then along LITCHFIELD PARK RD - 124953S 1304952E
124953S 1304703E - 124622S 1304703E
124623S 1304851E - 124530S 1304851E
VERTICAL LIMITS: 4000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Kangaroo Flat

YBBB/R211 DELAMERE
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 3.00NM centre
153541S 1315631E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R212 DELAMERE
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 3.00NM centre
154043S 1315458E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R215 PINE GAP
CONDITIONAL STATUS: RA3
SATELLITE TRACKING FACILITY
LATERAL LIMITS: A circle radius 2.50NM centre
234821S 1334410E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Australian Chief of Security

YMMM/R221 BUCKLAND PARK
CONDITIONAL STATUS: RA3
LASER RADIATION OCULAR HAZARD
LATERAL LIMITS: A circle radius 1.00NM centre
343724S 1382748E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/R222A WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303000S 1360000E - 300240S 1360000E
301500S 1362800E - 303000S 1363000E
303000S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222B WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 305120S 1360000E - 303000S 1360000E
303000S 1363000E - 305120S 1363717E
305120S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222C WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 310800S 1360000E - 305120S 1360000E
305120S 1363717E - 310844S 1363722E
then along the counter clockwise arc of a circle radius 10.00NM centre
310839S 1364901E - 311500S 1364000E
311500S 1361700E - 311104S 1361502E
then along RAILWAY LINE - 310800S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222D WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 312316S 1362108E - 311500S 1361700E
311500S 1364000E
then along the counter clockwise arc of a circle radius 10.00NM centre
310839S 1364901E - 310950S 1370035E
313453S 1370035E
then along the clockwise arc of a circle radius 28.00NM centre
310839S 1364901E - 312316S 1362108E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222E WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303000S 1363000E - 301500S 1362800E
303054S 1364650E - 305115S 1370035E
then along the counter clockwise arc of a circle radius 20.00NM centre
310839S 1364901E - 305120S 1363717E
303000S 1363000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222F WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 310844S 1363722E - 305120S 1363717E
then along the clockwise arc of a circle radius 20.00NM centre
310839S 1364901E - 305115S 1370035E
310950S 1370035E
then along the clockwise arc of a circle radius 10.00NM centre
310839S 1364901E - 310844S 1363722E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222G WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 305029S 1352000E - 295800S 1352000E
295800S 1354700E - 300240S 1360000E
310342S 1360000E
then along 4NM NTH OF RAILWAY1 - 305029S 1352000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222H WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303813S 1342200E - 290700S 1342200E
292000S 1343900E - 293300S 1352000E
305029S 1352000E
then along 4NM NTH OF RAILWAY2 - 303813S 1342200E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222I WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303005S 1330000E - 283322S 1330000E
290700S 1342200E - 303813S 1342200E
then along 4NM NTH OF RAILWAY3 - 303005S 1330000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R222J WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 295400S 1313000E - 280800S 1313000E
280800S 1320000E - 283322S 1330000E
303005S 1330000E
then along 4NM NTH OF RAILWAY4 - 302549S 1321536E
300500S 1320000E - 295400S 1313000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R224A MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125507S 1314106E - 125806S 1314301E
130020S 1314521E - 130722S 1315029E
130918S 1315227E - 131023S 1315230E
131023S 1320420E - 125513S 1320412E
125513S 1315808E - 124924S 1315808E
then along ARNHEM HWY 1 - 125128S 1314701E
125505S 1314701E - 125507S 1314106E
VERTICAL LIMITS: SFC - FL195
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Mt Bundey

YBBB/R224B MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125507S 1314106E - 125806S 1314301E
130020S 1314521E - 130722S 1315029E
130918S 1315227E - 131023S 1315230E
131023S 1320420E - 125513S 1320412E
125513S 1315808E - 124924S 1315808E
then along ARNHEM HWY 1 - 125128S 1314701E
125505S 1314701E - 125507S 1314106E
VERTICAL LIMITS: FL195 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Mt Bundey

YBBB/R225A TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132524S 1310000E
140000S 1310000E - 140000S 1301941E
132217S 1303407E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225B TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132524S 1310000E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 131821S 1312342E
140000S 1315249E - 140000S 1310000E
132524S 1310000E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225C TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140000S 1301941E - 140000S 1310000E
153359S 1310000E - 153210S 1304753E
then along THE VICTORIA RIVER 1 - 153712S 1304005E
then along THE VICTORIA RIVER 2 - 153513S 1303151E
then along THE VICTORIA RIVER 3 - 153545S 1302927E
then along the counter clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153615S 1302348E
then along THE VICTORIA RIVER 5 5 - 153136S 1302222E
then along THE VICTORIA RIVER 4 - 152159S 1301609E
then along THE VICTORIA RIVER 5 - 152224S 1301445E
then along THE VICTORIA RIVER 6 - 152326S 1301423E
then along THE VICTORIA RIVER 7 - 152416S 1300511E
then along THE VICTORIA RIVER 15 - 152600S 1295820E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 140000S 1301941E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225D TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140000S 1310000E - 140000S 1315249E
141033S 1320014E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 150122S 1322130E
161141S 1322236E
then along the clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 153432S 1310225E
then along VICTORIA HWY 5 - 153359S 1310000E
140000S 1310000E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225E TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 152600S 1295820E
then along THE VICTORIA RIVER 15 - 152416S 1300511E
then along THE VICTORIA RIVER 7 - 152326S 1301423E
then along THE VICTORIA RIVER 6 - 152224S 1301445E
then along THE VICTORIA RIVER 5 - 152159S 1301609E
then along THE VICTORIA RIVER 4 - 153136S 1302222E
then along THE VICTORIA RIVER 5 5 - 153615S 1302348E
then along the clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153545S 1302927E
then along THE VICTORIA RIVER 3 - 153513S 1303151E
then along THE VICTORIA RIVER 2 - 153712S 1304005E
then along THE VICTORIA RIVER 1 - 153210S 1304753E
153359S 1310000E - 163849S 1310000E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 152600S 1295820E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R225F TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 153359S 1310000E
then along VICTORIA HWY 5 - 153432S 1310225E
then along the counter clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 161141S 1322236E
170153S 1322236E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 163849S 1310000E
153359S 1310000E
VERTICAL LIMITS: 9500 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R226A TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140511S 1323808E - 133417S 1325639E
141210S 1340318E - 150655S 1333041E
144128S 1325147E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 140511S 1323808E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R226B TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 150655S 1333041E - 141210S 1340318E
144216S 1345658E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 154855S 1343535E
150655S 1333041E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R228A MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 123920S 1313244E - 124812S 1320930E
132005S 1323153E - 132005S 1315030E
124813S 1312803E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 123920S 1313244E
VERTICAL LIMITS: 5000 - FL270
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R228B MT BUNDEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132005S 1315030E - 132005S 1323153E
133417S 1325639E - 140511S 1323808E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 140202S 1321509E
132005S 1315030E
VERTICAL LIMITS: FL120 - FL180
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R231 ADELAIDE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 342608S 1380833E - 344727S 1382426E
then along the counter clockwise arc of a circle radius 11.00NM centre
345649S 1383128E (AD/DME) - 345708S 1381806E
345809S 1374742E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342608S 1380833E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: JO 2230 - 1030 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YBBB/R232 DELAMERE
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 22.00NM centre
154019S 1315258E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R233A EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R233B EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R234 EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344337S 1383127E - 342011S 1382231E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
then along THE KAPUNDA RAILWAY - 343140S 1384441E
343358S 1384241E - 343643S 1384104E
then along the counter clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343753S 1384341E
343654S 1384818E - 344214S 1384245E
344548S 1383707E
then along LITTLE PARA RVR - 344620S 1383536E
344629S 1383413E
then along the clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344337S 1383127E
VERTICAL LIMITS: 1500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R235 ALICE SPRINGS
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 4.00NM centre
225854S 1342652E
VERTICAL LIMITS: SFC - 7000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1RSU OPS FLTCDR

YMMM/R237 WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 275000S 1335000E - 283400S 1335000E
290700S 1342200E - 280800S 1320000E
275000S 1320000E - 275000S 1335000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R238 TINDAL WEDGE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 150122S 1322130E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141033S 1320014E
150122S 1322130E
VERTICAL LIMITS: 3500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R241 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 170146S 1294313E - 170153S 1322236E
180000S 1322236E - 180000S 1313548E
170146S 1294313E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R244 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 130327S 1304117E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130138S 1311204E
131821S 1312342E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
130327S 1304117E
VERTICAL LIMITS: 4000 - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R245 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 130327S 1304117E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130138S 1311204E
131821S 1312342E
then along the clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 132217S 1303407E
130327S 1304117E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R246A WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 290700S 1345700E - 284300S 1351000E
284300S 1354500E - 290700S 1361951E
290700S 1345700E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R246B WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 292000S 1343900E - 290700S 1342200E
290700S 1361951E - 291800S 1363600E
295800S 1365053E - 295800S 1352000E
293300S 1352000E - 292000S 1343900E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R246C WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 300240S 1360000E - 295800S 1354700E
295800S 1365053E - 301932S 1365859E
302530S 1364805E
then along the counter clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 303054S 1364650E
301500S 1362800E - 300240S 1360000E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YBBB/R247 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 132217S 1303407E
then along the counter clockwise arc of a circle radius 60.00NM centre
122524S 1305423E (DN/DME) - 131821S 1312342E
140000S 1315249E - 140000S 1310000E
153359S 1310000E - 153210S 1304753E
then along THE VICTORIA RIVER 1 - 153712S 1304005E
then along THE VICTORIA RIVER 2 - 153513S 1303151E
then along THE VICTORIA RIVER 3 - 153545S 1302927E
then along the counter clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153615S 1302348E
then along THE VICTORIA RIVER 5 5 - 153136S 1302222E
then along THE VICTORIA RIVER 4 - 152159S 1301609E
then along THE VICTORIA RIVER 5 - 152224S 1301445E
then along THE VICTORIA RIVER 6 - 152326S 1301423E
then along THE VICTORIA RIVER 7 - 152416S 1300511E
then along THE VICTORIA RIVER 15 - 152600S 1295820E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 151520S 1295433E
150544S 1295421E - 132217S 1303407E
VERTICAL LIMITS: 4000 - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R248 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 152600S 1295820E
then along THE VICTORIA RIVER 15 - 152416S 1300511E
then along THE VICTORIA RIVER 7 - 152326S 1301423E
then along THE VICTORIA RIVER 6 - 152224S 1301445E
then along THE VICTORIA RIVER 5 - 152159S 1301609E
then along THE VICTORIA RIVER 4 - 153136S 1302222E
then along THE VICTORIA RIVER 5 5 - 153615S 1302348E
then along the clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153545S 1302927E
then along THE VICTORIA RIVER 3 - 153513S 1303151E
then along THE VICTORIA RIVER 2 - 153712S 1304005E
then along THE VICTORIA RIVER 1 - 153210S 1304753E
153359S 1310000E
then along VICTORIA HWY 5 - 153432S 1310225E
then along the counter clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 161141S 1322236E
170153S 1322236E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 152600S 1295820E
VERTICAL LIMITS: 4000 - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R249A TINDAL
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 141912S 1323909E
then along the clockwise arc of a circle radius 20.00NM centre
143116S 1322240E - 141111S 1322155E
142114S 1322205E
then along the clockwise arc of a circle radius 10.00NM centre
143116S 1322240E - 142506S 1323049E
141912S 1323909E
VERTICAL LIMITS: 1500 - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R249B TINDAL
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: A circle radius 30.00NM centre
143116S 1322240E
VERTICAL LIMITS: 2500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R250 TINDAL
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 140000S 1310000E - 140000S 1315249E
141033S 1320014E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 150122S 1322130E
161141S 1322236E
then along the clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 153432S 1310225E
then along VICTORIA HWY 5 - 153359S 1310000E
140000S 1310000E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R251 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 130138S 1311204E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 125647S 1311957E
134145S 1320313E - 140202S 1321509E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141033S 1320014E
130138S 1311204E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R252A TRA THUNDER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 150122S 1322130E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 144128S 1325147E
165917S 1325125E
then along the clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 170153S 1322236E
161141S 1322236E - 150122S 1322130E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R252B PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 180000S 1325147E - 180000S 1322236E
170153S 1322236E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 165917S 1325125E
180000S 1325147E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YBBB/R253 PBDS
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 143432S 1290013E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 170153S 1322236E
170146S 1294313E - 164430S 1291048E
161640S 1285943E - 143432S 1290013E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TINDAL

YMMM/R254 NORTH EAST ROCK
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 350700S 1363737E - 350700S 1362143E
then along the clockwise arc of a circle radius 7.00NM centre
350430S 1362940E - 350700S 1363737E
VERTICAL LIMITS: NOTAM - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R255 EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 343222S 1382708E - 342011S 1382231E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
then along THE KAPUNDA RAILWAY - 343140S 1384441E
then along THE ROSEWORTHY/WASLEY RAILWAY - 342821S 1384052E
342842S 1383335E - 343209S 1382839E
343222S 1382708E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R259A MIDDLEBACK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324745S 1370920E - 324757S 1371030E
324634S 1371102E
then along WHYALLA IRON KNOB RD1 - 325133S 1371758E
325045S 1372139E - 325141S 1372647E
325838S 1372815E - 330034S 1371746E
325626S 1371748E - 325732S 1370836E
324916S 1370854E - 324745S 1370920E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R259B MIDDLEBACK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324745S 1370920E - 324757S 1371030E
324634S 1371102E
then along WHYALLA IRON KNOB RD1 - 325133S 1371758E
325045S 1372139E - 325141S 1372647E
325838S 1372815E - 330034S 1371746E
325626S 1371748E - 325732S 1370836E
324916S 1370854E - 324745S 1370920E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R260A WHYALLA
CONDITIONAL STATUS: RA1
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 325838S 1372815E - 325141S 1372647E
325157S 1372850E - 325129S 1373009E
325628S 1373116E - 325637S 1373026E
325838S 1372815E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R260B WHYALLA
CONDITIONAL STATUS: RA1
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 325838S 1372815E - 325141S 1372647E
325157S 1372850E - 325129S 1373009E
325628S 1373116E - 325637S 1373026E
325838S 1372815E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YBBB/R262A DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 132616S 1300054E - 124426S 1303742E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 124920S 1304639E
134106S 1302655E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 132616S 1300054E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R262B DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 135638S 1293400E - 132616S 1300054E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 134106S 1302655E
141844S 1301230E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 135638S 1293400E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/R262C DARWIN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 143432S 1290013E - 135638S 1293400E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 141844S 1301230E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 143432S 1290013E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN DARWIN

YMMM/R265A EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344337S 1383127E - 342011S 1382231E
then along the clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342556S 1385941E
344214S 1384245E - 344548S 1383707E
then along LITTLE PARA RVR - 344620S 1383536E
344629S 1383413E
then along the clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344337S 1383127E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265B EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 342011S 1382231E - 340756S 1381815E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341208S 1385847E
342139S 1385353E
then along the counter clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342011S 1382231E
VERTICAL LIMITS: 3500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265C EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 340756S 1381815E - 335329S 1381315E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340549S 1392023E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340756S 1381815E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265D EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 332959S 1380512E - 331846S 1380646E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 332705S 1392503E
334220S 1394417E - 340549S 1392023E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 335329S 1381315E
332959S 1380512E
VERTICAL LIMITS: 9500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265E EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 342139S 1385353E - 341208S 1385847E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342556S 1385941E
then along the counter clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R265F EDINBURGH
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 342139S 1385353E - 341208S 1385847E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342556S 1385941E
then along the counter clockwise arc of a circle radius 25.00NM centre
344217S 1383645E (EDN/TAC) - 342139S 1385353E
VERTICAL LIMITS: 4500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YBBB/R268 KOOLENDONG
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 151610S 1295044E - 144755S 1295658E
then along FITZMAURICE RIVER 3 - 144748S 1300644E
then along FITZMAURICE RIVER 4 - 145006S 1301119E
then along FITZMAURICE RIVER 5 - 145210S 1302252E
then along FITZMAURICE RIVER 6 - 145110S 1303119E
then along FITZMAURICE RIVER 7 - 144929S 1303753E
145536S 1304523E - 145537S 1304546E
then along YAMBARRAN RANGE 2 - 145608S 1304335E
then along YAMBARRAN RANGE 1 2 - 145401S 1303742E
then along YAMBARRAN RANGE 1 3 - 145851S 1303447E
then along YAMBARRAN RANGE 1 4 - 150549S 1303413E
then along YAMBARRAN RANGE 1 5 - 150815S 1303328E
then along YAMBARRAN RANGE 1 6 - 151042S 1302930E
then along YAMBARRAN RANGE 1 7 - 151331S 1302854E
then along YAMBARRAN RANGE 1 8 - 151737S 1302739E
then along YAMBARRAN RANGE 1 9 - 151431S 1302210E
then along YAMBARRAN RANGE 1 10 - 151829S 1301832E
then along YAMBARRAN RANGE 1 - 152224S 1301445E
then along THE VICTORIA RIVER 6 - 152326S 1301423E
then along THE VICTORIA RIVER 7 - 152416S 1300511E
then along THE VICTORIA RIVER 8 - 152611S 1295738E
then along THE VICTORIA RIVER 9 - 152050S 1295209E
then along THE VICTORIA RIVER 10 - 151610S 1295044E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO BFTA

YBBB/R269 ANGALARRI NORTH
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 145537S 1304546E - 145543S 1310000E
151201S 1310000E
then along THE IKYMBON RIVER - 151148S 1305552E
then along THE ANGALARRI/IKYMBON RIVERS 1 - 152159S 1301609E
then along THE VICTORIA RIVER 5 - 152224S 1301445E
then along YAMBARRAN RANGE 1 - 151829S 1301832E
then along YAMBARRAN RANGE 1 10 - 151431S 1302210E
then along YAMBARRAN RANGE 1 9 - 151737S 1302739E
then along YAMBARRAN RANGE 1 8 - 151331S 1302854E
then along YAMBARRAN RANGE 1 7 - 151042S 1302930E
then along YAMBARRAN RANGE 1 6 - 150815S 1303328E
then along YAMBARRAN RANGE 1 5 - 150549S 1303413E
then along YAMBARRAN RANGE 1 4 - 145851S 1303447E
then along YAMBARRAN RANGE 1 3 - 145401S 1303742E
then along YAMBARRAN RANGE 1 2 - 145608S 1304335E
then along YAMBARRAN RANGE 2 - 145537S 1304546E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO BFTA

YBBB/R270 ANGALARRI SOUTH
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 152105S 1304752E - 153210S 1304753E
then along THE VICTORIA RIVER 1 - 153712S 1304005E
then along THE VICTORIA RIVER 2 - 153513S 1303151E
then along THE VICTORIA RIVER 3 - 153545S 1302927E
then along the counter clockwise arc of a circle radius 3.00NM centre
153714S 1302644E - 153615S 1302348E
then along THE VICTORIA RIVER 5 5 - 153136S 1302222E
then along THE VICTORIA RIVER 4 - 152159S 1301609E
then along THE ANGALARRI/IKYMBON RIVERS 1 - 151148S 1305552E
then along THE IKYMBON RIVER - 151201S 1310000E
152105S 1310000E - 152105S 1304752E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO BFTA

YMMM/R273 WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 305115S 1370035E - 305200S 1372400E
311150S 1372126E
then along the clockwise arc of a circle radius 28.00NM centre
310839S 1364901E - 313453S 1370035E
305115S 1370035E
VERTICAL LIMITS: SFC - UNL
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R275 WOOMERA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 0.50NM centre
310812S 1364748E
VERTICAL LIMITS: SFC - 2100
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R279 EDINBURGH
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 352144S 1363321E - 351808S 1365248E
then along COAST/YORKE PENINSULA 1 - 351344S 1365923E
then along COAST/YORKE PENINSULA 2 - 351429S 1370904E
then along COAST/YORKE PENINSULA 3 - 351001S 1371848E
then along COAST/YORKE PENINSULA 4 - 350815S 1373520E
then along COAST/YORKE PENINSULA 5 - 350728S 1374419E
then along COAST/YORKE PENINSULA 6 - 350101S 1374530E
then along COAST/YORKE PENINSULA 7 - 345812S 1374605E
345738S 1380331E
then along the counter clockwise arc of a circle radius 23.00NM centre
345649S 1383128E (AD/DME) - 350502S 1380519E
353527S 1372333E
then along COAST/KANGAROO IS 5 - 353719S 1371231E
then along COAST/KANGAROO IS 4 - 353924S 1370629E
then along COAST/KANGAROO IS 3 - 354025S 1365932E
then along COAST/KANGAROO IS 2 - 354124S 1365212E
then along COAST KANGAROO IS 7 7 - 354319S 1364313E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 352144S 1363321E
VERTICAL LIMITS: SFC - FL250
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EDINBURGH

YMMM/R281 LAKE HART
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 5.00NM centre
310300S 1362800E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R286 PINE LEA
CONDITIONAL STATUS: RA3
EXPLOSIVES STORAGE
LATERAL LIMITS: A circle radius 1.00NM centre
343534S 1393945E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Safework SA Govt

YMMM/R287A WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302530S 1364805E - 301932S 1365859E
302348S 1370035E - 303200S 1371700E
304042S 1372002E - 305200S 1372400E
305115S 1370035E - 303054S 1364650E
then along the clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 302530S 1364805E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R287B WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302530S 1364805E - 301932S 1365859E
302348S 1370035E - 303200S 1371700E
304042S 1372002E - 305200S 1372400E
305115S 1370035E - 303054S 1364650E
then along the clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 302530S 1364805E
VERTICAL LIMITS: 2000 - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R287C WOOMERA
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302530S 1364805E - 301932S 1365859E
302348S 1370035E - 303200S 1371700E
304042S 1372002E - 305200S 1372400E
305115S 1370035E - 303054S 1364650E
then along the clockwise arc of a circle radius 5.30NM centre
302906S 1365236E - 302530S 1364805E
VERTICAL LIMITS: 4000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Air Force RCO WOOMERA

YMMM/R290A MURRAY BRIDGE
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 350900S 1392000E - 350400S 1392000E
350400S 1393000E - 350900S 1393000E
350900S 1392000E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: DLY 2130-1330 EXC PH (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Murray Bridge

YMMM/R290B MURRAY BRIDGE
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 350900S 1392000E - 350400S 1392000E
350400S 1393000E - 350900S 1393000E
350900S 1392000E
VERTICAL LIMITS: 4000 - 7500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Murray Bridge

YMMM/R292A PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342706S 1380830E - 341330S 1380830E
341330S 1381159E
then along PORT WAKEFIELD RD - 341957S 1381615E
342518S 1381606E - 342715S 1381329E
342706S 1380830E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292B PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 341330S 1380830E - 341330S 1381159E
then along PORT WAKEFIELD RD - 341957S 1381615E
342518S 1381606E - 342715S 1381329E
342706S 1380830E - 341330S 1380830E
VERTICAL LIMITS: 8500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292C PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342547S 1381527E - 342930S 1381630E
342930S 1380830E - 342706S 1380830E
342715S 1381329E - 342547S 1381527E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292D PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342930S 1381630E - 343400S 1381800E
343400S 1380830E - 342930S 1380830E
342930S 1381630E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292E PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342400S 1380330E - 341330S 1380330E
341330S 1380830E - 342400S 1380830E
342400S 1380330E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R292F PORT WAKEFIELD
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 342400S 1380330E - 342927S 1380330E
343400S 1380630E - 343400S 1380830E
342400S 1380830E - 342400S 1380330E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Port Wakefield

YMMM/R302A CULTANA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324046S 1374004E - 323356S 1373834E
323241S 1374022E - 323309S 1374300E
324049S 1374644E - 324046S 1374004E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R302B CULTANA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324046S 1374004E - 323356S 1373834E
323241S 1374022E - 323309S 1374300E
324049S 1374644E - 324046S 1374004E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R303A ALAMEIN
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323911S 1373456E - 324021S 1373545E
324028S 1374000E - 324046S 1374004E
324049S 1374644E - 324436S 1374835E
325406S 1374834E - 325824S 1374243E
325443S 1373822E - 325436S 1373801E
325511S 1373507E - 325522S 1373408E
325556S 1373416E - 325559S 1373407E
324542S 1373133E - 323909S 1373434E
323911S 1373456E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R303B ALAMEIN
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323856S 1373148E - 323909S 1373434E
323911S 1373456E - 324021S 1373545E
324028S 1374000E - 324046S 1374004E
324049S 1374644E - 324436S 1374835E
325406S 1374834E - 325824S 1374243E
325443S 1373822E - 325436S 1373801E
325511S 1373507E - 325522S 1373408E
325556S 1373416E - 325559S 1373407E
325628S 1373116E - 324528S 1372849E
323856S 1373148E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R304A TANK HILL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324530S 1371005E - 324245S 1371004E
then along EYRE HWY1 - 323747S 1372537E
323757S 1372829E - 323854S 1373129E
323856S 1373148E - 324528S 1372849E
325129S 1373009E - 325157S 1372850E
325141S 1372647E - 325045S 1372139E
325133S 1371758E
then along WHYALLA IRON KNOB RD1 - 324634S 1371102E
324600S 1371025E - 324530S 1371005E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R304B TANK HILL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324530S 1371005E - 324245S 1371004E
then along EYRE HWY1 - 323747S 1372537E
323757S 1372829E - 323854S 1373129E
323856S 1373148E - 324528S 1372849E
325129S 1373009E - 325157S 1372850E
325141S 1372647E - 325045S 1372139E
325133S 1371758E
then along WHYALLA IRON KNOB RD1 - 324634S 1371102E
324600S 1371025E - 324530S 1371005E
VERTICAL LIMITS: 3000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Cultana

YMMM/R327A SERPENTINE
CONDITIONAL STATUS: RA3
MODEL ROCKET ACTIVITY
LATERAL LIMITS: A circle radius 3.00NM centre
362857S 1440102E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/R327B SERPENTINE
CONDITIONAL STATUS: RA3
MODEL ROCKET ACTIVITY
LATERAL LIMITS: A circle radius 3.00NM centre
362857S 1440102E
VERTICAL LIMITS: FL150 - FL250
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Airservices Australia

YMMM/R330A POINT COOK
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 375542S 1444800E - 375442S 1444145E
then along the clockwise arc of a circle radius 3.00NM centre
375556S 1444512E - 375758S 1444800E
375542S 1444800E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Point Cook AD OPR

YMMM/R330B POINT COOK
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 375442S 1444145E - 375542S 1444800E
375758S 1444800E
then along the clockwise arc of a circle radius 3.00NM centre
375556S 1444512E - 375442S 1444145E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Point Cook AD OPR

YMMM/R332 HANNS INLET
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.50NM centre
382248S 1451200E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: DLY 2100-1300 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Navy HMAS Cerberus

YMMM/R350A PUCKAPUNYAL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 370130S 1444930E - 365240S 1444930E
365000S 1445600E - 365230S 1445600E
365235S 1450345E - 365500S 1450530E
370130S 1445900E - 370130S 1444930E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Puckapunyal

YMMM/R350B PUCKAPUNYAL
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 370130S 1444930E - 365240S 1444930E
365000S 1445600E - 365230S 1445600E
365235S 1450345E - 365500S 1450530E
370130S 1445900E - 370130S 1444930E
VERTICAL LIMITS: 5000 - FL200
HOURS OF ACTIVITY: DLY 2100-1200 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Puckapunyal

YMMM/R351A GRAYTOWN
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 365230S 1445600E - 365000S 1445600E
365000S 1450200E - 365235S 1450345E
365230S 1445600E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Graytown

YMMM/R351B GRAYTOWN
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 365230S 1445600E - 365000S 1445600E
365000S 1450200E - 365235S 1450345E
365230S 1445600E
VERTICAL LIMITS: 5000 - FL150
HOURS OF ACTIVITY: DLY 2100-1200 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Graytown

YMMM/R351C GRAYTOWN
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 365230S 1445600E - 365000S 1445600E
365000S 1450200E - 365235S 1450345E
365230S 1445600E
VERTICAL LIMITS: FL150 - FL500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Graytown

YMMM/R352 PUCKAPUNYAL
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 365500S 1450530E - 370130S 1445900E
365933S 1450339E - 365500S 1450530E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Puckapunyal

YMMM/R360A EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 382555S 1470724E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 380504S 1473416E
then along THE COAST (90 MILE BEACH) - 382555S 1470724E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360B EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 382555S 1470724E
then along THE COAST (90 MILE BEACH) - 380504S 1473416E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 382555S 1470724E
VERTICAL LIMITS: 1000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360C EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 20.00NM centre
380556S 1470858E
VERTICAL LIMITS: 6000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360D EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 375651S 1464625E - 374953S 1462938E
then along the clockwise arc of a circle radius 35.00NM centre
380556S 1470858E - 373145S 1471839E
374625S 1471439E
then along the counter clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 375651S 1464625E
VERTICAL LIMITS: 4000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360E EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 374953S 1462938E - 374252S 1461254E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 371704S 1472239E
373145S 1471839E
then along the counter clockwise arc of a circle radius 35.00NM centre
380556S 1470858E - 374953S 1462938E
VERTICAL LIMITS: 6000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R360F EAST SALE
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 374252S 1461254E - 375651S 1464625E
then along the counter clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 381716S 1464804E
383345S 1461609E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 374252S 1461254E
VERTICAL LIMITS: 6000 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R362A STONY HEAD
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 410310S 1465625E - 410144S 1465554E
then along NORTH COAST - 410001S 1470450E
410354S 1470406E - 410310S 1465625E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM VIC/TAS

YMMM/R362B STONY HEAD
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 410310S 1465625E - 410144S 1465554E
then along NORTH COAST - 410001S 1470450E
410354S 1470406E - 410310S 1465625E
VERTICAL LIMITS: 3500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM VIC/TAS

YMMM/R363 MULWALA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.15NM centre
355840S 1455844E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Mulwala

YMMM/R364 BENALLA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre
362918S 1455935E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Benalla

YMMM/R368 ALBURY
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 0.50NM centre
360335S 1470138E
VERTICAL LIMITS: SFC - 2200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Albury

YMMM/R374 SWAN ISLAND
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 1.00NM centre
381450S 1444130E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Swan Island

YMMM/R379 BUCKLAND
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 423012S 1473904E - 422025S 1474601E
422026S 1475421E - 423149S 1475123E
423012S 1473904E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army DOTAM VIC/TAS

YMMM/R393 DUTSON
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 380855S 1471518E - 380859S 1471735E
381000S 1471832E - 381109S 1471817E
381139S 1471722E
then along NTH SIDE LONGFORD-LOCH SPORT RD - 381054S 1471455E
380855S 1471518E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/R405A SYDNEY
CONDITIONAL STATUS: RA3
HELICOPTERS & SEAPLANES
LATERAL LIMITS: 335037S 1510748E - 335030S 1510714E
335037S 1510654E - 335104S 1510454E
335028S 1510456E
then along HOMEBUSH BAY 5 - 334932S 1510518E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334807S 1511053E
then along THE PACIFIC HWY 1 - 335115S 1511234E
335120S 1511228E
then along SY HarbourA - 335037S 1510748E
VERTICAL LIMITS: SFC - 500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Regulatory Oversight Division (CASA)

YMMM/R405B SYDNEY
CONDITIONAL STATUS: RA3
HELICOPTERS & SEAPLANES
LATERAL LIMITS: 334949S 1511705E - 335003S 1511654E
then along SY COAST 3 - 335222S 1511704E
335224S 1511446E
then along SY HarbourB - 335120S 1511228E
335115S 1511234E
then along THE PACIFIC HWY 1 - 334807S 1511053E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334949S 1511705E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Regulatory Oversight Division (CASA)

YMMM/R406 TEMORA
CONDITIONAL STATUS: RA2
AIR DISPLAYS
LATERAL LIMITS: A circle radius 5.00NM centre
342517S 1473042E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Temora Historic Flight Club

YMMM/R409A BYROCK
CONDITIONAL STATUS: RA2
SURFACE FIRING RANGE
LATERAL LIMITS: A circle radius 2.00NM centre
304115S 1463840E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: MON - FRI 2200-0600 (1HR EARLIER HDS) EXC PH
CONTROLLING AUTHORITY: Rurex Pty Ltd

YMMM/R409B BYROCK
CONDITIONAL STATUS: RA3
SURFACE FIRING RANGE
LATERAL LIMITS: A circle radius 2.00NM centre
304115S 1463840E
VERTICAL LIMITS: 3000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Rurex Pty Ltd

YMMM/R420F NOWRA
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344506S 1504307E - 344030S 1505100E
344030S 1510300E - 344356S 1510000E
345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 350813S 1500732E
345916S 1502124E - 345209S 1503226E
344506S 1504307E
VERTICAL LIMITS: FL125 - FL300
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN NOWRA

YMMM/R421A NOWRA
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 350310S 1501521E
then along the clockwise arc of a circle radius 15.00NM centre
345700S 1503200E (NWA/TAC) - 344506S 1504307E
344356S 1510000E - 345607S 1505957E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 350813S 1500732E
350310S 1501521E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN NOWRA

YMMM/R421B NOWRA
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 344506S 1504307E
then along the counter clockwise arc of a circle radius 15.00NM centre
345700S 1503200E (NWA/TAC) - 344202S 1503024E
344030S 1505100E - 344030S 1510300E
344356S 1510000E - 344506S 1504307E
VERTICAL LIMITS: 2500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN NOWRA

YMMM/R424 CANBERRA
CONDITIONAL STATUS: RA3
RADIO TELESCOPE
LATERAL LIMITS: A circle radius 1.00NM centre
352215S 1492529E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: SRPSU

YMMM/R430A TIDBINBILLA
CONDITIONAL STATUS: RA2
RADIATION HAZARD
LATERAL LIMITS: A circle radius 2.00NM centre
352357S 1485848E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Tidbinbilla

YMMM/R430B TIDBINBILLA
CONDITIONAL STATUS: RA2
RADIATION HAZARD
LATERAL LIMITS: A circle radius 3.00NM centre 352357S 1485848E
VERTICAL LIMITS: 3500 - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Tidbinbilla

YMMM/R430C TIDBINBILLA
CONDITIONAL STATUS: RA2
RADIATION HAZARD
LATERAL LIMITS: A circle radius 5.00NM centre 352357S 1485848E
VERTICAL LIMITS: 4500 - 10000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Tidbinbilla

YBBB-YMMM/R469 RICHMOND
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 334211S 1503641E - 333616S 1502248E
then along the clockwise arc of a circle radius 45.00NM centre 335638S 1511057E (SY/DME) - 331422S 1505210E
333139S 1505947E
then along the counter clockwise arc of a circle radius 11.00NM centre 333626S 1504756E (RIC/TAC) - 334211S 1503641E
VERTICAL LIMITS: 2500 - 4500
HOURS OF ACTIVITY: MON-THU 2200-1300, FRI and JF 2200-0830 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN RICHMOND

YMMM/R470 RICHMOND
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 334257S 1503844E - 334211S 1503641E
then along the clockwise arc of a circle radius 11.00NM centre 333626S 1504756E (RIC/TAC) - 333139S 1505947E
then along the clockwise arc of a circle radius 11.00NM centre 333626S 1504756E (RIC/TAC) - 334105S 1505953E
334505S 1505400E - 334257S 1503844E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: MON-THU 2200-1300, FRI and JF 2200-0830 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN RICHMOND

YBBB-YMMM/R494 RICHMOND
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 334211S 1503641E - 333616S 1502248E
then along the clockwise arc of a circle radius 45.00NM centre 335638S 1511057E (SY/DME) - 331422S 1505210E
333139S 1505947E
then along the clockwise arc of a circle radius 11.00NM centre 333626S 1504756E (RIC/TAC) - 334105S 1505953E
334505S 1505400E - 334257S 1503844E
334211S 1503641E
VERTICAL LIMITS: 4500 - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN RICHMOND

YMMM/R504 ORCHARD HILLS
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 0.60NM centre 334900S 1504400E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: JO 2300-0600 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: OIC EODF Orchard Hills

YMMM/R521 LUCAS HEIGHTS
CONDITIONAL STATUS: RA3
ANSTO RESEARCH REACTOR
LATERAL LIMITS: A circle radius 1.00NM centre 340310S 1505850E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: ANSTO

YMMM/R522 MARRANGAROO
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.10NM centre 332539S 1500923E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Holsworthy

YBBB/R524 CULGOORA
CONDITIONAL STATUS: RA3
RADIO TELESCOPE
LATERAL LIMITS: A circle radius 1.00NM centre 301846S 1493357E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Narrabri

YMMM/R525 PARKES
CONDITIONAL STATUS: RA3
RADIO TELESCOPE
LATERAL LIMITS: A circle radius 1.00NM centre 325955S 1481550E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: CSIRO Parkes

YBBB/R533 DENMAN
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 2.00NM centre 322200S 1503800E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Duty Officer

YMMM/R555A HOLSWORTHY
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340232S 1505146E - 335800S 1505443E
335753S 1505719E - 340105S 1505837E
340232S 1505146E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Holsworthy

YMMM/R555B HOLSWORTHY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340232S 1505146E - 335800S 1505443E
335753S 1505719E - 340105S 1505837E
340232S 1505146E
VERTICAL LIMITS: 2500 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Holsworthy

YMMM/R555C HOLSWORTHY
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340600S 1504930E - 340232S 1505146E
340105S 1505837E - 340350S 1505942E
340640S 1505608E - 341100S 1505300E
341100S 1505000E - 340600S 1504930E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: DLY 2100-1100 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Holsworthy

YMMM/R555D HOLSWORTHY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 340600S 1504930E - 340232S 1505146E
340105S 1505837E - 340350S 1505942E
340640S 1505608E - 341100S 1505300E
341100S 1505000E - 340600S 1504930E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Holsworthy

YMMM/R555F HOLSWORTHY
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 335753S 1505719E - 335750S 1505736E
then along WEST BOUNDARY OF HEATHCOTE RD - 340105S 1505837E
335753S 1505719E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: JO 2200-1400 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: 6 AVN Regiment OPSO

YBBB/R560A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 321329S 1492125E - 315706S 1495502E
312442S 1503707E - 313029S 1504156E
314710S 1504945E - 315350S 1505254E
320243S 1505208E - 320827S 1504205E
324315S 1495932E - 322745S 1494203E
321329S 1492125E
VERTICAL LIMITS: 8500 - FL240
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R560B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 320236S 1490547E - 314535S 1494048E
310811S 1502326E - 312442S 1503707E
315706S 1495502E - 321329S 1492125E
320236S 1490547E
VERTICAL LIMITS: 8500 - FL240
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R564A SINGLETON
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324205S 1510701E - 323729S 1510812E
323832S 1511337E
then along SGT RWY 1 - 323942S 1511430E
324014S 1511452E - 324507S 1511447E
324544S 1511448E - 324637S 1511145E
324629S 1511039E - 324418S 1510646E
324237S 1510654E - 324205S 1510701E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: DLY 2100-1300 (1HR EARLIER HDS) or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Singleton

YBBB/R564B SINGLETON
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324205S 1510701E - 323729S 1510812E
323832S 1511337E
then along SGT RWY 1 - 323942S 1511430E
324014S 1511452E - 324507S 1511447E
324544S 1511448E - 324637S 1511145E
324629S 1511039E - 324418S 1510646E
324237S 1510654E - 324205S 1510701E
VERTICAL LIMITS: 4000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Singleton

YBBB/R570A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 304714S 1485813E - 300647S 1500449E
310811S 1502326E - 314535S 1494048E
315822S 1491434E - 315126S 1490439E
304714S 1485813E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 310853S 1482149E - 304714S 1485813E
315126S 1490439E - 315822S 1491434E
320236S 1490547E - 315818S 1485939E
310853S 1482149E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570C WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 294829S 1485227E - 294722S 1495900E
300647S 1500449E - 304714S 1485813E
294829S 1485227E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570D WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302042S 1474543E - 294837S 1484207E
294829S 1485227E - 304714S 1485813E
310853S 1482149E - 302042S 1474543E
VERTICAL LIMITS: 10000 - FL360
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570E WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 304714S 1485813E - 300647S 1500449E
310811S 1502326E - 314535S 1494048E
315822S 1491434E - 315126S 1490439E
304714S 1485813E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570F WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 310853S 1482149E - 304714S 1485813E
315126S 1490439E - 315822S 1491434E
320236S 1490547E - 315818S 1485939E
310853S 1482149E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570G WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 294829S 1485227E - 294722S 1495900E
300647S 1500449E - 304714S 1485813E
294829S 1485227E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R570H WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 302042S 1474543E - 294837S 1484207E
294829S 1485227E - 304714S 1485813E
310853S 1482149E - 302042S 1474543E
VERTICAL LIMITS: FL360 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 322408S 1515935E - 320553S 1520957E
320219S 1522105E - 320215S 1522513E
322500S 1522700E - 323037S 1523238E
324038S 1522734E - 324219S 1521854E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322408S 1515935E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 322247S 1514907E - 320814S 1514442E
315526S 1515530E
then along the clockwise arc of a circle radius 52.50NM centre
324750S 1514959E (WLM/TAC) - 320219S 1522105E
320553S 1520957E - 322408S 1515935E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322247S 1514907E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585C WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 322532S 1513629E - 320049S 1512210E
then along the clockwise arc of a circle radius 52.50NM centre
324750S 1514959E (WLM/TAC) - 315526S 1515530E
320814S 1514442E - 322247S 1514907E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322532S 1513629E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R585D WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 323326S 1512545E - 321118S 1510520E
then along the clockwise arc of a circle radius 52.50NM centre
324750S 1514959E (WLM/TAC) - 320049S 1512210E
322532S 1513629E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 323326S 1512545E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R586A WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 320553S 1520957E - 320323S 1521746E
320219S 1522105E - 320215S 1522513E
320152S 1524655E - 321258S 1524130E
323037S 1523238E - 324038S 1522734E
324219S 1521854E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322408S 1515935E
320553S 1520957E
VERTICAL LIMITS: 4500 - FL250
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R586B WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 320323S 1521746E - 320219S 1522105E
320215S 1522513E - 320152S 1524655E
321258S 1524130E - 323037S 1523238E
324038S 1522734E - 324219S 1521854E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 322908S 1520941E
320323S 1521746E
VERTICAL LIMITS: FL250 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R586C WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 310014S 1524826E - 310021S 1531630E
311724S 1530823E - 320152S 1524655E
320215S 1522513E - 320219S 1522105E
320323S 1521746E - 313320S 1522706E
310014S 1524826E
VERTICAL LIMITS: FL125 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R596 WILLIAMTOWN
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 324600S 1515100E - 323930S 1515100E
323930S 1515745E - 324200S 1520400E
324630S 1520400E - 324850S 1515533E
324600S 1515100E
VERTICAL LIMITS: SFC - FL120
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/R603 SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
122227S 1420650E
then along the counter clockwise arc of a circle radius 15.00NM centre
123726S 1420514E - 125225S 1420338E
131724S 1420058E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R604A SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 131724S 1420058E - 115728S 1420929E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
VERTICAL LIMITS: 4000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R604B SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 131724S 1420058E - 115728S 1420929E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R605A SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 115728S 1420929E - 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
VERTICAL LIMITS: 4000 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R605B SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 115728S 1420929E - 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R605C SCHERGER
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 115728S 1420929E - 131724S 1420058E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 115728S 1420929E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R608 LONGREACH
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 5.00NM centre
233931S 1440843E
VERTICAL LIMITS: SFC - 8200
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: 1RSU OPS FLTCDR

YBBB/R609 EVANS HEAD
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: 291013S 1532719E - 291400S 1532400E
then along the clockwise arc of a circle radius 3.00NM centre
291100S 1532400E - 291013S 1532719E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625A AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 274208S 1523214E - 272555S 1522508E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 271823S 1524304E
272924S 1524734E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274208S 1523214E
VERTICAL LIMITS: 1500 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625B AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 272555S 1522508E - 274208S 1523214E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274413S 1525155E
275324S 1524511E - 275825S 1524049E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 272555S 1522508E
VERTICAL LIMITS: 2500 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625C AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 270749S 1522329E - 271325S 1524103E
271823S 1524304E
then along the counter clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 275825S 1524049E
281129S 1522924E
then along the clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 270749S 1522329E
VERTICAL LIMITS: 4500 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625D AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 270427S 1521259E - 271325S 1524103E
274234S 1525259E - 274413S 1525155E
275324S 1524511E - 281805S 1522336E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 270427S 1521259E
VERTICAL LIMITS: 8500 - FL210
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R625E AMBERLEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 270427S 1521259E - 271325S 1524103E
274234S 1525259E - 274413S 1525155E
275324S 1524511E - 281805S 1522336E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 270427S 1521259E
VERTICAL LIMITS: FL210 - FL310
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R627 GREENBANK
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: 274003S 1525550E - 273745S 1525620E
then along POWER LINES 1 - 273831S 1525830E
274031S 1530029E - 274105S 1530029E
then along RAILWAY 7 - 274326S 1525858E
274100S 1525730E - 274003S 1525550E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: DLY 2100-0600 EXC PH or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Greenbank

YBBB/R634A CANUNGRA
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 280000S 1531000E - 280500S 1531000E
280500S 1531500E - 275800S 1531500E
275800S 1531109E
then along CANUNGRA-MT TAMBORINE RD - 280000S 1531052E
280000S 1531000E
VERTICAL LIMITS: SFC - 3800
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Canungra

YBBB/R634B CANUNGRA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 280500S 1531000E - 280000S 1531000E
280000S 1531500E - 280500S 1531500E
280500S 1531000E
VERTICAL LIMITS: 3800 - 8500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Canungra

YBBB/R636 GAYNDAH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 251200S 1493900E - 245000S 1495300E
254400S 1511600E - 260000S 1511600E
260400S 1505900E - 254200S 1495700E
251200S 1493900E
VERTICAL LIMITS: 7000 - FL230
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R638A EVANS HEAD
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 290120S 1531700E - 285700S 1532730E
285621S 1533128E
then along THE COAST 45 - 290655S 1532611E
then along NTH BANK OF EVANS AND RIC RVRS - 290120S 1531700E
VERTICAL LIMITS: 1000 - 8000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R638B EVANS HEAD
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 291500S 1530330E - 290600S 1530540E
290120S 1531700E
then along NTH BANK OF EVANS AND RIC RVRS - 290655S 1532611E
then along THE COAST 47 - 290741S 1532653E
then along THE COAST 46 - 292628S 1532212E
291500S 1530330E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R638C EVANS HEAD
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 291500S 1530330E - 290600S 1530540E
285700S 1532730E - 285621S 1533128E
then along THE COAST 45 - 290655S 1532611E
then along THE COAST 47 - 290741S 1532653E
then along THE COAST 3000 - 291829S 1532028E
then along THE COAST 3001 - 292628S 1532212E
291500S 1530330E
VERTICAL LIMITS: 8000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639A AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 271743S 1505342E - 273440S 1515429E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 275251S 1515701E
280831S 1510338E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 271743S 1505342E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639B AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 280831S 1510338E - 275251S 1515701E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 280111S 1520130E
284432S 1512942E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639C AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 281000S 1494800E - 265738S 1494403E
271743S 1505342E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
282830S 1495324E - 281000S 1494800E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R639D AMBERLEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 291542S 1500721E - 282830S 1495324E
280831S 1510338E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 284432S 1512942E
291523S 1502357E - 291542S 1500721E
VERTICAL LIMITS: 10000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R642A MT WELLINGTON
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
223059S 1495641E - 223836S 1500255E
223928S 1500345E - 224042S 1500435E
224158S 1500250E - 224324S 1500119E
224318S 1495959E - 224458S 1495922E
224348S 1495557E - 224131S 1495604E
224014S 1495725E - 223829S 1495722E
223828S 1495716E - 223823S 1495556E
223855S 1495551E - 223855S 1495503E
224213S 1495440E - 224154S 1495227E
224127S 1495146E - 224047S 1494634E
224432S 1494553E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R642B MT WELLINGTON
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
223059S 1495641E - 223836S 1500255E
223928S 1500345E - 224042S 1500435E
224158S 1500250E - 224324S 1500119E
224318S 1495959E - 224458S 1495922E
224348S 1495557E - 224131S 1495604E
224014S 1495725E - 223829S 1495722E
223828S 1495716E - 223823S 1495556E
223855S 1495551E - 223855S 1495503E
224213S 1495440E - 224154S 1495227E
224127S 1495146E - 224047S 1494634E
224432S 1494553E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: 2000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R643 SHOALWATER BAY WEST
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
222118S 1500920E - 222634S 1500643E
222937S 1500721E - 223312S 1500644E
223739S 1500649E - 223831S 1500710E
224207S 1500952E - 224321S 1501011E
224513S 1500958E - 224620S 1500957E
225130S 1501330E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: 2000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R647A WALLANGARRA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.60NM centre
285558S 1515734E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Thales Duty Officer

YBBB/R647B WALLANGARRA
CONDITIONAL STATUS: RA3
MILITARY NON-FLYING
LATERAL LIMITS: A circle radius 1.60NM centre
285558S 1515734E
VERTICAL LIMITS: 4500 - 7000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Thales Duty Officer

YBBB/R654A OAKEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 272356S 1513840E - 271314S 1512127E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271054S 1520532E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 272523S 1515637E
272851S 1515323E - 272633S 1514906E
then along the counter clockwise arc of a circle radius 5.00NM centre
272359S 1514417E (OK/DME) - 272356S 1513840E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R654B OAKEY
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 271314S 1512127E - 272356S 1513840E
272335S 1511827E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271314S 1512127E
VERTICAL LIMITS: SFC - 6500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R654C OAKEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 272356S 1513840E - 271314S 1512127E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271054S 1520532E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 272523S 1515637E
272851S 1515323E - 272633S 1514906E
then along the clockwise arc of a circle radius 5.00NM centre
272359S 1514417E (OK/DME) - 272356S 1513840E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R654D OAKEY
CONDITIONAL STATUS: RA1
MILITARY FLYING
LATERAL LIMITS: 272335S 1511827E
then along the clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271314S 1512127E
272356S 1513840E - 272335S 1511827E
VERTICAL LIMITS: 6500 - FL125
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN OAKEY

YBBB/R681 AKENS ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 221700S 1501200E - 221500S 1502000E
221234S 1502527E - 221506S 1502342E
221754S 1502312E - 222342S 1502612E
223030S 1502700E
then along COAST 31 - 223032S 1502513E
then along COAST 30 - 222500S 1501806E
then along COAST 29 - 222118S 1501028E
222015S 1501158E - 221700S 1501200E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R682 TOWNSHEND ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 221754S 1502312E - 221506S 1502342E
220600S 1503000E - 220600S 1504500E
221900S 1504900E - 221900S 1503300E
222556S 1502628E - 222342S 1502612E
221754S 1502312E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R683 CAPE CLINTON
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 223030S 1502700E - 222556S 1502628E
221900S 1503300E - 221900S 1504900E
224119S 1505031E - 223030S 1502700E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R684A MOUNT HUMMOCK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 225500S 1502700E - 223030S 1502700E
224119S 1505031E - 224922S 1504707E
224757S 1503721E - 225400S 1503600E
225500S 1502700E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R684B MOUNT HUMMOCK
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 225500S 1502700E - 223030S 1502700E
224119S 1505031E - 224922S 1504707E
224757S 1503721E - 225400S 1503600E
225500S 1502700E
VERTICAL LIMITS: 2000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R685A WIDE BAY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 254926S 1525146E - 254814S 1525417E
254820S 1525518E - 255644S 1525518E
255658S 1525521E - 255705S 1525446E
255640S 1525425E - 255539S 1525417E
255539S 1525133E
then along MARYBOROUGH COOLOOLA ROAD - 254926S 1525146E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Wide Bay

YBBB/R685B WIDE BAY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 255644S 1525518E - 254820S 1525518E
254826S 1525627E - 254846S 1525710E
254840S 1525803E - 254836S 1525819E
254751S 1525859E - 254940S 1530112E
255043S 1530123E - 255240S 1530153E
255343S 1530141E - 255425S 1525900E
255458S 1525851E - 255519S 1525911E
255549S 1525910E - 255629S 1525829E
then along TIN CAN BAY RD - 255646S 1525630E
255636S 1525626E - 255644S 1525518E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Wide Bay

YBBB/R686 TRIANGULAR ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 3.00NM centre
222300S 1503030E
VERTICAL LIMITS: SFC - FL160
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R692A RASPBERRY CREEK
CONDITIONAL STATUS: RA3
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222118S 1500920E - 222118S 1501028E
then along COAST 29 - 222500S 1501806E
then along COAST 30 - 223032S 1502513E
then along COAST 31 - 223030S 1502700E
225500S 1502700E - 225205S 1501631E
225130S 1501330E - 224620S 1500957E
224513S 1500958E - 224321S 1501011E
224207S 1500952E - 223831S 1500710E
223739S 1500649E - 223312S 1500644E
222937S 1500721E - 222634S 1500643E
222118S 1500920E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R692B RASPBERRY CREEK
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222118S 1500920E - 222118S 1501028E
then along COAST 29 - 222500S 1501806E
then along COAST 30 - 223032S 1502513E
then along COAST 31 - 223030S 1502700E
225500S 1502700E - 225205S 1501631E
225130S 1501330E - 224620S 1500957E
224513S 1500958E - 224321S 1501011E
224207S 1500952E - 223831S 1500710E
223739S 1500649E - 223312S 1500644E
222937S 1500721E - 222634S 1500643E
222118S 1500920E
VERTICAL LIMITS: 2000 - 6000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R692C RASPBERRY CREEK
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 222118S 1500920E - 222118S 1501028E
then along COAST 29 - 222500S 1501806E
then along COAST 30 - 223032S 1502513E
then along COAST 31 - 223030S 1502700E
225500S 1502700E - 225205S 1501631E
225130S 1501330E - 224620S 1500957E
224513S 1500958E - 224321S 1501011E
224207S 1500952E - 223831S 1500710E
223739S 1500649E - 223312S 1500644E
222937S 1500721E - 222634S 1500643E
222118S 1500920E
VERTICAL LIMITS: 6000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Shoalwater Bay

YBBB/R725 SAUMAREZ REEF
CONDITIONAL STATUS: RA3
MILITARY FLYING
LATERAL LIMITS: A circle radius 5.00NM centre
215118S 1533847E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/R732 GREENVALE TRAINING AREA
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 190154S 1445448E - 190455S 1451034E
190647S 1451226E - 190559S 1451610E
190718S 1451928E - 191102S 1451704E
192319S 1450045E - 193025S 1445901E
193828S 1444227E - 193941S 1443701E
193926S 1442753E - 192642S 1442755E
191102S 1444456E - 190738S 1445148E
190154S 1445448E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R736 TOWNSVILLE (STAR)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 191900S 1460145E - 190601S 1461011E
191617S 1462043E
then along KEELBOTTOM CK 1/2 - 192018S 1462127E
192339S 1460704E
then along .5NM N GREENVALE RWY LINE 1/1 - 192211S 1460420E
191900S 1460145E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R737A TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 192152S 1453152E - 191900S 1460145E
192211S 1460420E
then along .5NM N GREENVALE RWY LINE 1/1 - 192339S 1460704E
then along .5NM N GREENVALE RWY LINE 1/2 - 192626S 1462003E
then along KEELBOTTOM CREEK - 192230S 1462120E
192445S 1462500E
then along HERVEY RANGE DEVELOPMENT RD - 192941S 1461958E
then along THE HERVEY RANGE DEVELOPMENT RD - 193002S 1461140E
193000S 1461100E - 193500S 1460430E
194500S 1461236E - 194940S 1462145E
195056S 1463353E - 195239S 1463341E
200114S 1454957E
then along the clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 192152S 1453152E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R737B TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 192642S 1443913E - 192152S 1453152E
then along the counter clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 200114S 1454957E
201158S 1445336E
then along the clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 192642S 1443913E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R737C TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 183832S 1454208E - 190601S 1461011E
191900S 1460145E - 192152S 1453152E
then along the clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 183832S 1454208E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R737D TOWNSVILLE (LAND)
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 181416S 1445605E - 181800S 1451230E
183133S 1453503E - 183832S 1454208E
then along the counter clockwise arc of a circle radius 70.00NM centre
191439S 1464530E (TL/DME) - 192152S 1453152E
192642S 1443913E
then along the clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 181416S 1445605E
VERTICAL LIMITS: 7000 - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R739 TOWNSVILLE (STAR)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 192339S 1460704E - 192018S 1462127E
then along LINE 1 - 192230S 1462120E
then along KEELBOTTOM CREEK - 192626S 1462003E
then along .5NM N GREENVALE RWY LINE 1/2 - 192339S 1460704E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R747 RATTLESNAKE ISLAND
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: A circle radius 4.80NM centre
190210S 1463638E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R751 TOWNSVILLE (HIGH RANGE)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 193500S 1460430E - 193000S 1461100E
193002S 1461140E
then along THE HERVEY RANGE DEVELOPMENT RD - 192941S 1461958E
then along HERVEY RANGE DEVELOPMENT ROAD - 192605S 1462426E
192605S 1462943E - 192953S 1463451E
193117S 1463606E - 193436S 1463539E
193832S 1463519E - 195056S 1463353E
194940S 1462145E - 194500S 1461236E
193500S 1460430E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R752 TOWNSVILLE (HIGH RANGE)
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 192445S 1462500E - 192242S 1462920E
192552S 1463443E - 193009S 1463615E
193117S 1463606E - 192953S 1463451E
192605S 1462943E - 192605S 1462426E
then along HERVEY RANGE DEVELOPMENT RD1 - 192445S 1462500E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/R765 CAIRNS
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 171900S 1460818E - 170800S 1460700E
170700S 1462300E - 172138S 1462457E
172206S 1462413E - 172330S 1461300E
171900S 1460818E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Fleet HQ Potts Point

YBBB/R766 MICHAELMAS CAY
CONDITIONAL STATUS: RA3
ENVIRONMENT PROTECTION AREA
LATERAL LIMITS: A circle radius 1.00NM centre
163623S 1455822E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: H24
CONTROLLING AUTHORITY: GBRMPA

YBBB/R768A MT STUART
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 192127S 1464412E - 192121S 1464420E
192059S 1464449E - 192115S 1464522E
192123S 1464628E - 192124S 1464823E
192302S 1464823E - 192615S 1464801E
192620S 1464723E - 192508S 1464443E
192459S 1464433E - 192142S 1464416E
192127S 1464412E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: DLY 2100-1200 EXC PH or as amended by NOTAM
CONTROLLING AUTHORITY: Army RCO Mt Stuart

YBBB/R768B MT STUART
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 192127S 1464412E - 192121S 1464420E
192059S 1464449E - 192115S 1464522E
192123S 1464628E - 192124S 1464823E
192302S 1464823E - 192615S 1464801E
192620S 1464723E - 192508S 1464443E
192459S 1464433E - 192142S 1464416E
192127S 1464412E
VERTICAL LIMITS: 2000 - 3000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army RCO Mt Stuart

YBBB/R783 LIZARD ISLAND
CONDITIONAL STATUS: RA2
MILITARY NON-FLYING
LATERAL LIMITS: 143300S 1451400E - 142800S 1452200E
143400S 1452600E - 144000S 1451800E
143300S 1451400E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Fleet HQ Potts Point

YBBB/R786 TULLY
CONDITIONAL STATUS: RA2
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 175430S 1454430E - 174500S 1454430E
174500S 1455100E - 175430S 1455100E
175430S 1454430E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: Army OC Jungle Training

YBBB/R801 CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
173520S 1235107E (CIN/DME)
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R802A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
173520S 1235107E (CIN/DME)
VERTICAL LIMITS: 3500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R802B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
173520S 1235107E (CIN/DME)
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R803A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 171015S 1235215E - 162006S 1235441E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
174857S 1241306E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 171015S 1235215E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R803B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 171015S 1235215E - 162006S 1235441E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
174857S 1241306E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 171015S 1235215E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R804A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 175828S 1234058E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 174857S 1241306E
181553S 1245723E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R804B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 175828S 1234058E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 174857S 1241306E
181553S 1245723E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R805A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 173412S 1232458E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 175828S 1234058E
184445S 1232036E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R805B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 173412S 1232458E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 175828S 1234058E
184445S 1232036E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R806A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 171015S 1235215E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 173412S 1232458E
173138S 1223242E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: 5500 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R806B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 171015S 1235215E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 173412S 1232458E
173138S 1223242E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R808A CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 181553S 1245723E - 185558S 1260413E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 195405S 1224943E
184445S 1232036E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YBBB/R808B CURTIN
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 181553S 1245723E - 185558S 1260413E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 195405S 1224943E
184445S 1232036E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R850A LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 222747S 1144613E - 225426S 1160749E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 240712S 1132100E
225149S 1135054E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222747S 1144613E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R850B LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 222747S 1144613E - 225426S 1160749E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 240712S 1132100E
225149S 1135054E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222747S 1144613E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R851A LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 215704S 1144439E - 212224S 1160208E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 225426S 1160749E
222747S 1144613E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215704S 1144439E
VERTICAL LIMITS: NOTAM - 10000
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R851B LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 215704S 1144439E - 212224S 1160208E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 225426S 1160749E
222747S 1144613E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215704S 1144439E
VERTICAL LIMITS: 10000 - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R851C LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: 215704S 1144439E - 212224S 1160208E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 225426S 1160749E
222747S 1144613E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215704S 1144439E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R860A LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: NOTAM - 2500
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R860B LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: 2500 - FL280
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

YMMM/R860C LEARMONTH
CONDITIONAL STATUS: RA2
MILITARY FLYING
LATERAL LIMITS: A circle radius 25.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
CONTROLLING AUTHORITY: DEFENCE JACC

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DANGER AREAS

YMMM/D102 ONSLOW
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.10NM centre
214143S 1150007E
VERTICAL LIMITS: SFC - 3900
HOURS OF ACTIVITY: H24
CONTACT: Chevron Australia - Aviation Department

YMMM/D104A JANDAKOT
FLYING TRAINING
LATERAL LIMITS: 321024S 1154732E - 321059S 1155529E
320948S 1155641E - 320914S 1154740E
then along ROCKINGHAM FREMANTLE ROAD 1 - 321024S 1154732E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24
CONTACT: Regulatory Services and Surveillance (Western Region)

YMMM/D104B JANDAKOT
FLYING TRAINING
LATERAL LIMITS: 321337S 1154710E - 321349S 1155652E
321342S 1160111E - 321123S 1160010E
320948S 1155641E - 321059S 1155529E
321024S 1154732E
then along ROCKINGHAM FREMANTLE ROAD 2 - 321337S 1154710E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: Regulatory Services and Surveillance (Western Region)

YMMM/D104C JANDAKOT
FLYING TRAINING
LATERAL LIMITS: 321337S 1154710E
then along ROCKINGHAM FREMANTLE ROAD 3 - 323208S 1154302E
then along MANDURAH/PINJARRA RD - 323750S 1155218E
322418S 1160552E - 321342S 1160111E
321349S 1155652E - 321337S 1154710E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: H24
CONTACT: Regulatory Services and Surveillance (Western Region)

YMMM/D106 TELFER GOLD MINE
BLASTING
LATERAL LIMITS: A circle radius 2.50NM centre
214303S 1221127E
VERTICAL LIMITS: SFC - 1600
HOURS OF ACTIVITY: HJ
CONTACT: Telfer AD OPR

YMMM/D107 MOUNT MAGNET
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
280526S 1174809E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: Mt Magnet AD OPR

YBBB/D110 BROOME
FIRING
LATERAL LIMITS: 175034S 1221940E - 175034S 1222014E
175235S 1222014E - 175241S 1221940E
175034S 1221940E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DOTAM WA

YMMM/D121 OKHA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.10NM centre
193524S 1162648E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Woodside OKHA

YMMM/D133 GOODWYN ALPHA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
193912S 1155542E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Woodside Goodwyn Alpha

YMMM/D149 WITHNELL BAY SOUTH
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
203653S 1164608E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTACT: Woodside Withnell Bay

YMMM/D150 WITHNELL BAY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
203517S 1164646E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTACT: Woodside Withnell Bay

YMMM/D151 NORTH RANKIN
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 1.00NM centre
193506S 1160812E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Woodside North Rankin

YMMM/D154 KARRATHA DAMPIER
FIRING RANGE
LATERAL LIMITS: A circle radius 0.50NM centre 204018S 1164506E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DOTAM WA

YMMM/D164 COOLILUP
FIRING
LATERAL LIMITS: 333700S 1153000E - 333500S 1153000E 333500S 1153200E - 333700S 1153200E 333700S 1153000E
VERTICAL LIMITS: SFC - 1700
HOURS OF ACTIVITY: DLY 2100-1200 or as amended by NOTAM
CONTACT: Army DOTAM WA

YMMM/D169 SWANBOURNE
FIRING
LATERAL LIMITS: 315847S 1154300E - 315649S 1154300E 315649S 1154600E - 315847S 1154600E 315847S 1154300E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Army DOTAM WA

YMMM/D172 KARRATHA
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre 204100S 1164430E
VERTICAL LIMITS: SFC - 500
HOURS OF ACTIVITY: JO HJ
CONTACT: Karratha AD OPR

YMMM/D174 JURIEN BAY
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre 301812S 1150319E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Skydive Jurien Bay

YMMM/D186 BROOKLANDS
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre 314930S 1164746E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: HJ
CONTACT: Skydive Australia

YMMM/D187 BARROW ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.25NM centre 204730S 1152648E
VERTICAL LIMITS: SFC - 1800
HOURS OF ACTIVITY: H24
CONTACT: Chevron Australia

YBBB/D188 KOOLAN ISLAND
BLASTING
LATERAL LIMITS: A circle radius 0.40NM centre 160733S 1234405E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: Mt Gibson Iron

YMMM/D193 PEARCE
MILITARY FLYING
LATERAL LIMITS: 303644S 1150859E
then along the clockwise arc of a circle radius 90.00NM centre 315642S 1155734E (PH/DME) - 303117S 1163119E 305947S 1162011E
then along the counter clockwise arc of a circle radius 60.00NM centre 315642S 1155734E (PH/DME) - 310405S 1152336E
then along 2NM LAN & PARL TO COT 10 2 - 303829S 1150947E
then along 2NM LAN & PARL TO COT 10 1 - 303644S 1150859E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN PEARCE

YMMM/D197 MUCHEA RANGE
FIRING
LATERAL LIMITS: 313914S 1155305E - 313730S 1155305E 313730S 1155541E - 313914S 1155541E 313914S 1155305E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN PEARCE

YMMM/D198 PEARCE
MILITARY FLYING
LATERAL LIMITS: 315246S 1152456E - 314000S 1133807E
then along the clockwise arc of a circle radius 120.00NM centre 315642S 1155734E (PH/DME) - 301034S 1145152E
then along the clockwise arc of a circle radius 120.00NM centre 315642S 1155734E (PH/DME) - 300806S 1145733E
then along 2 NM SEAWARD & PARL TO COT/1 - 303839S 1150455E
then along 2NM SEAWARD & PARL TO COT 8 - 304024S 1150543E
then along 2NM SEAWARD & PARL TO COT 9 - 310608S 1151935E
then along the clockwise arc of a circle radius 60.00NM centre 315642S 1155734E (PH/DME) - 310405S 1152336E
then along 2NM LAN & PARL TO COT - 314543S 1154602E 315246S 1152456E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: JO HJ
CONTACT: FLTCDR 453SQN PEARCE

YMMM/D204 GAWLER GLIDING
GLIDING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E 343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
then along the clockwise arc of a circle radius 25.00NM centre 344217S 1383645E (EDN/TAC) - 342556S 1385941E 343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre 343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Adelaide Soaring Club

YMMM/D205 GAWLER GLIDING
GLIDING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E
then along THE KAPUNDA RAILWAY - 342139S 1385353E
341208S 1385847E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
342556S 1385941E - 343654S 1384818E
343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Adelaide Soaring Club

YMMM/D206 GAWLER GLIDING
GLIDING
LATERAL LIMITS: 343643S 1384104E - 343358S 1384241E
343140S 1384441E - 341352S 1384418E
340801S 1384501E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 341716S 1390838E
343654S 1384818E - 343753S 1384341E
then along the clockwise arc of a circle radius 2.00NM centre
343555S 1384317E - 343643S 1384104E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Adelaide Soaring Club

YMMM/D207A BOND SPRINGS
GLIDING
LATERAL LIMITS: 233106S 1333644E
then along the clockwise arc of a circle radius 22.00NM centre
234734S 1335241E (AS/DME) - 232540S 1334943E
then along STUART HIGHWAY 1 - 233211S 1335148E
then along TANAMI ROAD 1 - 233106S 1333644E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Regulatory Services and Surveillance (Northern Region)

YMMM/D207B BOND SPRINGS
GLIDING
LATERAL LIMITS: 232903S 1331902E
then along the clockwise arc of a circle radius 36.00NM centre
234734S 1335241E (AS/DME) - 231204S 1334527E
then along STUART HIGHWAY 2 - 232540S 1334943E
then along the counter clockwise arc of a circle radius 22.00NM centre
234734S 1335241E (AS/DME) - 233106S 1333644E
then along TANAMI ROAD 2 - 232903S 1331902E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Regulatory Services and Surveillance (Northern Region)

YMMM/D207C BOND SPRINGS
GLIDING
LATERAL LIMITS: 232356S 1331057E
then along the clockwise arc of a circle radius 45.00NM centre
234734S 1335241E (AS/DME) - 230416S 1333849E
then along STUART HIGHWAY 3 - 231204S 1334527E
then along the counter clockwise arc of a circle radius 36.00NM centre
234734S 1335241E (AS/DME) - 232903S 1331902E
then along TANAMI ROAD 3 - 232356S 1331057E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Regulatory Services and Surveillance (Northern Region)

YMMM/D207D BOND SPRINGS
GLIDING
LATERAL LIMITS: 231644S 1325637E
then along the clockwise arc of a circle radius 60.00NM centre
234734S 1335241E (AS/DME) - 225149S 1332806E
then along STUART HIGHWAY 4 - 230416S 1333849E
then along the counter clockwise arc of a circle radius 45.00NM centre
234734S 1335241E (AS/DME) - 232356S 1331057E
then along TANAMI ROAD 4 - 231644S 1325637E
VERTICAL LIMITS: BCTA - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D209 VICTORIA HIGHWAY CORRIDOR
VFR TRANSIT LANE
LATERAL LIMITS: 144822S 1315711E - 144931S 1315610E
145146S 1315638E - 145734S 1315250E
150052S 1314912E - 151125S 1314023E
151337S 1313753E - 151902S 1313509E
152206S 1313233E - 152456S 1313223E
152648S 1312914E - 152836S 1312752E
152844S 1312506E - 153059S 1312339E
153206S 1311854E - 153522S 1311803E
153702S 1311536E - 153817S 1310700E
153631S 1310541E - 153647S 1310421E
then along the clockwise arc of a circle radius 100.00NM centre
143116S 1322240E - 153432S 1310225E
153343S 1310734E - 153543S 1310827E
153445S 1311110E - 153439S 1311509E
153055S 1311616E - 152821S 1312131E
152642S 1312404E - 152631S 1312638E
152510S 1312738E - 152339S 1313013E
152107S 1313022E - 151710S 1313311E
151143S 1313621E - 145938S 1314645E
145554S 1315106E - 145126S 1315359E
144836S 1315353E - 144634S 1315600E
then along the counter clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 144822S 1315711E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D210 TINDAL
MILITARY FLYING
LATERAL LIMITS: 130327S 1304117E - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 144216S 1345658E
130411S 1320417E - 125513S 1320412E
125513S 1315808E - 124924S 1315808E
123949S 1313233E
then along the clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130327S 1304117E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: MON - FRI 2130-1330 EXC PH or as amended by NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D213 ROBERTSON BARRACKS
RIFLE RANGE
LATERAL LIMITS: 122516S 1305916E - 122531S 1305906E
122538S 1305905E - 122632S 1305918E
122649S 1305934E - 122651S 1305947E
122639S 1310007E - 122552S 1310036E
122545S 1310037E - 122528S 1310033E
122515S 1305955E - 122516S 1305916E
VERTICAL LIMITS: SFC - 1100
HOURS OF ACTIVITY: H24
CONTACT: Army RCO Robertson Barracks

YBBB/D216 ROBERTSON BARRACKS
RIFLE RANGE
LATERAL LIMITS: 122201S 1305855E - 122145S 1305924E
122155S 1310003E - 122306S 1310019E
122404S 1305940E - 122507S 1305938E
122508S 1305821E - 122338S 1305821E
122201S 1305855E
VERTICAL LIMITS: SFC - 1400
HOURS OF ACTIVITY: H24 or as amended by NOTAM
CONTACT: Army RCO Robertson Barracks

YBBB/D217 BLADIN POINT
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
123111S 1305506E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: H24
CONTACT: INPEX

YBBB/D218 JABIRU
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
124112S 1325436E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: H24
CONTACT: Rio Tinto Jabiru

YMMM/D220 PARAFIELD
FLYING TRAINING/TRANSIT AREA
LATERAL LIMITS: 342957S 1381123E - 342627S 1381604E
342303S 1381610E
then along the clockwise arc of a circle radius 36.00NM centre
345649S 1383128E (AD/DME) - 342127S 1382259E
343654S 1382853E
then along the counter clockwise arc of a circle radius 20.00NM centre
345649S 1383128E (AD/DME) - 343947S 1381842E
342957S 1381123E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Western Region)

YBBB/D223 PBDS
MILITARY FLYING
LATERAL LIMITS: 125549S 1302738E
then along the counter clockwise arc of a circle radius 40.00NM centre
122524S 1305423E (DN/DME) - 130327S 1304117E
150544S 1295421E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 143432S 1290013E
125549S 1302738E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D227 WICKHAM POINT
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
123126S 1305213E
VERTICAL LIMITS: SFC - 900
HOURS OF ACTIVITY: H24
CONTACT: Conoco Phillips Darwin

YBBB/D229 PBDS
MILITARY FLYING
LATERAL LIMITS: 143432S 1290013E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 150544S 1295421E
151520S 1295433E
then along the counter clockwise arc of a circle radius 150.00NM centre
143116S 1322240E - 170153S 1322236E
170146S 1294313E - 164430S 1291048E
161640S 1285943E - 143432S 1290013E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D236A COOLIBAH CORRIDOR NORTH
VFR TRANSIT LANE
LATERAL LIMITS: 151148S 1305552E - 145541S 1305552E
145543S 1310000E - 151201S 1310000E
then along THE IKYMBON RIVER - 151148S 1305552E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO BFTA

YBBB/D236B COOLIBAH CORRIDOR SOUTH
VFR TRANSIT LANE
LATERAL LIMITS: 152105S 1305552E - 151148S 1305552E
then along THE IKYMBON RIVER - 151201S 1310000E
152105S 1310000E - 152105S 1305552E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO BFTA

YMMM/D239 OLYMPIC DAM
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
302612S 1365124E
VERTICAL LIMITS: SFC - 900
HOURS OF ACTIVITY: DLY 0600-0830
CONTACT: Olympic Dam AD OPR

YBBB/D242 MCARTHUR RIVER MINE
BLASTING
LATERAL LIMITS: A circle radius 1.50NM centre
162559S 1360624E
VERTICAL LIMITS: SFC - 650
HOURS OF ACTIVITY: HR DAILY 0100-0200, 0500-0600 or as amended by NOTAM
CONTACT: McArthur River Mine AD OPR

YBBB/D243 TINDAL
BLASTING
LATERAL LIMITS: A circle radius 1.00NM centre
143000S 1322000E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: MON-FRI 0700-0800 EXC PH or as AMD by NOTAM
CONTACT: FLTCDR 452SQN TINDAL

YBBB/D256 MICKET CREEK
RIFLE RANGE
LATERAL LIMITS: 122219S 1305614E - 122428S 1305614E
122428S 1305731E - 122219S 1305731E
122219S 1305614E
VERTICAL LIMITS: SFC - 600
HOURS OF ACTIVITY: H24
CONTACT: FLTCDR 452SQN DARWIN

YBBB/D257 DARWIN
ACCESS LANE
LATERAL LIMITS: 132753S 1300426E - 125528S 1300658E
123641S 1302200E - 123416S 1303028E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 123706S 1303146E
123922S 1302353E - 124315S 1302046E
then along COAST 21 - 125454S 1301123E
125635S 1301002E - 131021S 1300857E
then along COAST 22 - 132753S 1300426E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: FLTCDR 452SQN DARWIN

YMMM/D258A BURRA
MILITARY FLYING
LATERAL LIMITS: 340650S 1383522E - 335146S 1383447E
then along the clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 340549S 1392023E
341716S 1390838E
then along the counter clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 340650S 1383522E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EDINBURGH

YMMM/D258B BURRA
MILITARY FLYING
LATERAL LIMITS: 335146S 1383447E - 331640S 1383326E
then along the clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 332705S 1392503E
334220S 1394417E - 340549S 1392023E
then along the counter clockwise arc of a circle radius 65.00NM centre
345649S 1383128E (AD/DME) - 335146S 1383447E
VERTICAL LIMITS: SFC - 9500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EDINBURGH

YMMM/D258C BURRA
MILITARY FLYING
LATERAL LIMITS: 331640S 1383326E - 325636S 1383241E
then along the clockwise arc of a circle radius 120.00NM centre
345649S 1383128E (AD/DME) - 331012S 1393812E
333822S 1394630E - 334220S 1394417E
332705S 1392503E
then along the counter clockwise arc of a circle radius 100.00NM centre
345649S 1383128E (AD/DME) - 331640S 1383326E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EDINBURGH

YMMM/D261 TREGALANA CORRIDOR
ACCESS LANE
LATERAL LIMITS: 324528S 1372849E - 323856S 1373148E
323909S 1373434E - 324542S 1373133E
325559S 1373407E - 325628S 1373116E
324528S 1372849E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO Cultana

YMMM/D266 LANGHORNE
PARACHUTING
LATERAL LIMITS: A circle radius 2.00NM centre
351815S 1391559E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: HJ
CONTACT: SA Skydiving

YBBB/D267 WESTERN HILLS
FIRING & MILITARY FLYING
LATERAL LIMITS: 144755S 1295658E - 151610S 1295044E
then along THE VICTORIA RIVER 11 - 151053S 1294724E
then along THE VICTORIA RIVER 12 - 150756S 1294108E
then along THE VICTORIA RIVER 13 - 150115S 1293739E
then along THE VICTORIA RIVER 14 - 145016S 1293838E
then along FITZMAURICE RIVER 1 - 144719S 1295322E
then along FITZMAURICE RIVER 2 - 144755S 1295658E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO BFTA

YMMM/D271 IRON MINES
BLASTING
LATERAL LIMITS: 331622S 1370030E - 331107S 1370151E
then along the clockwise arc of a circle radius 3.00NM centre
331145S 1370521E - 331136S 1370855E
331504S 1370908E
then along the clockwise arc of a circle radius 3.00NM centre
331513S 1370534E - 331700S 1370827E
331847S 1370653E
then along the clockwise arc of a circle radius 3.00NM centre
331700S 1370400E - 331622S 1370030E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTACT: HWE Mining

YMMM/D280 PARAFIELD
FLYING TRAINING & TRANSIT AREA
LATERAL LIMITS: 344727S 1382426E - 343947S 1381842E
then along the clockwise arc of a circle radius 20.00NM centre
345649S 1383128E (AD/DME) - 343654S 1382853E
344337S 1383127E
then along the counter clockwise arc of a circle radius 5.00NM centre
344209S 1383715E - 344429S 1383153E
344727S 1382426E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Western Region)

YMMM/D284 MOOMBA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
280702S 1401213E
VERTICAL LIMITS: SFC - 5600
HOURS OF ACTIVITY: H24
CONTACT: Moomba AD OPR

YMMM/D285 MURRAY BRIDGE
AEROBATIC AREA
LATERAL LIMITS: A circle radius 3.00NM centre
350400S 1391250E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: HJ
CONTACT: Murray Bridge AD OPR

YBBB/D288A COX PENINSULA
FLYING TRAINING
LATERAL LIMITS: 123704S 1303256E - 123458S 1303355E
then along PORT PATTERSON COAST - 123010S 1303517E
122838S 1304605E
then along the counter clockwise arc of a circle radius 7.00NM centre
122434S 1305155E - 122910S 1304631E
then along THE PORT DARWIN COAST 1 - 123341S 1304635E
124111S 1303504E
then along BYNOE HARBOUR - 123704S 1303256E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D288B COX PENINSULA
MILITARY FLYING
LATERAL LIMITS: 124028S 1303610E - 123341S 1304635E
123359S 1304722E
then along MIDDLE ARM COAST 2 - 123306S 1304837E
123339S 1304902E
then along MIDDLE ARM COAST 1 - 123601S 1305150E
123629S 1305250E
then along MIDDLE ARM COAST 3 - 123628S 1305319E
124237S 1305317E - 124251S 1304205E
then along BYNOE HARBOUR 3 - 124205S 1303945E
then along BYNOE HARBOUR 2X - 124028S 1303610E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DO Robertson Barracks

YBBB/D288C COX PENINSULA
MILITARY FLYING
LATERAL LIMITS: 125259S 1304330E - 124249S 1304325E
124237S 1305317E - 124530S 1305317E
124530S 1304851E - 124623S 1304851E
124622S 1304703E - 124953S 1304703E
124953S 1304952E - 125137S 1304954E
125131S 1305752E - 125846S 1305751E
125846S 1305328E - 125819S 1305328E
then along FINNISS RIVER - 125814S 1304758E
125259S 1304330E
VERTICAL LIMITS: SFC - 1000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DO Robertson Barracks

YMMM/D305 LAUNCESTON
FLYING TRAINING
LATERAL LIMITS: 414145S 1470448E - 413910S 1465622E
413153S 1464953E - 413158S 1470039E
414145S 1470448E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Southern Region)

YMMM/D315 MOORABBIN
FLYING TRAINING
LATERAL LIMITS: 381442S 1451524E - 380522S 1451001E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380206S 1451537E
380706S 1452859E - 381154S 1452836E
381442S 1451524E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Oversight Division

YMMM/D316 HOBART
FLYING TRAINING
LATERAL LIMITS: 430300S 1472500E - 425900S 1472400E
425349S 1472502E - 425718S 1473140E
425851S 1473352E - 430122S 1473115E
430300S 1472500E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTACT: Regulatory Services and Surveillance (Southern Region)

YMMM/D322A ST LEONARDS
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: 380840S 1444100E
then along the counter clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 380857S 1444225E
then along the clockwise arc of a circle radius 1.50NM centre
381009S 1444118E - 380840S 1444100E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Textron System Pty Ltd

YMMM/D322B PORT PHILLIP BAY
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: 380857S 1444225E - 380800S 1444430E
380800S 1450200E - 381030S 1450200E
381800S 1445430E - 381800S 1444430E
381144S 1444430E - 381035S 1444308E
then along the counter clockwise arc of a circle radius 1.50NM centre
381009S 1444118E - 380857S 1444225E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Textron System Pty Ltd

YMMM/D333 WARANGA BASIN
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: A circle radius 5.00NM centre
363401S 1450829E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: Swoop Aero VIC

YMMM/D342 MORAN RESERVE
PARACHUTING
LATERAL LIMITS: A circle radius 1.00NM centre
375238S 1445831E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ OT BY NOTAM
CONTACT: Skydive The Beach Melbourne

YMMM/D353 EAST SALE
VFR TRANSIT LANE
LATERAL LIMITS: 375740S 1464556E - 375800S 1464920E
375649S 1465309E - 375751S 1470333E
375635S 1470503E - 375347S 1471126E
375150S 1471751E - 374915S 1472258E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 375032S 1472507E
375338S 1471900E - 375536S 1471230E
375811S 1470637E - 375958S 1470431E
375852S 1465328E - 380003S 1464940E
375935S 1464458E
then along the clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 375740S 1464556E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN EAST SALE

YMMM/D372 LANG LANG
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.30NM centre
381923S 1453612E
VERTICAL LIMITS: SFC - 1200
HOURS OF ACTIVITY: H24
CONTACT: Beach Energy Lang Lang

YMMM/D373 BARWON HEADS
PARACHUTING
LATERAL LIMITS: 381430S 1442326E
then along the counter clockwise arc of a circle radius 12.00NM centre
380257S 1442733E (AV/DME) - 381457S 1442805E
then along the clockwise arc of a circle radius 2.00NM centre
381529S 1442539E - 381430S 1442326E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: HJ
CONTACT: Skydive Australia

YMMM/D376 EUROA
PARACHUTING
LATERAL LIMITS: A circle radius 3.00NM centre
364441S 1453048E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Skydive Euroa

YMMM/D378 BUCKLAND
MILITARY NON-FLYING
LATERAL LIMITS: 423012S 1473904E - 422025S 1474601E
422026S 1475421E - 423149S 1475123E
423012S 1473904E
VERTICAL LIMITS: SFC - 1700
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DOTAM VIC/TAS

YMMM/D383A POINT COOK
FLYING TRAINING
LATERAL LIMITS: 375526S 1443808E - 375500S 1443857E
375424S 1443954E - 375323S 1444129E
375229S 1444412E - 375315S 1445032E
then along the clockwise arc of a circle radius 5.00NM centre
375556S 1444512E - 380056S 1444513E
380056S 1443910E - 375657S 1443950E
375645S 1443755E - 375526S 1443808E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Point Cook AD OPR

YMMM/D383B POINT COOK
AEROBATICS AREA
LATERAL LIMITS: 375645S 1443755E - 375657S 1443950E
380056S 1443910E - 380056S 1443711E
375645S 1443755E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: HJ or as amended by NOTAM
CONTACT: Point Cook AD OPR

YMMM/D392 DUTSON
FIRING
LATERAL LIMITS: 381100S 1471552E - 381021S 1471552E
380908S 1471633E - 380903S 1471703E
380911S 1471728E - 380937S 1471737E
381005S 1471719E - 381020S 1471748E
381053S 1471749E - 381126S 1471654E
381104S 1471615E - 381100S 1471552E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN EAST SALE

YMMM/D399 BACCHUS MARSH
GLIDER FLYING
LATERAL LIMITS: 373436S 1441318E - 373624S 1442000E
374300S 1442000E - 374300S 1441300E
then along the clockwise arc of a circle radius 30.00NM centre
373936S 1445032E (ML/DME) - 373436S 1441318E
VERTICAL LIMITS: 4500 - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: Airservices Australia Melbourne

YMMM/D410 SMITHFIELD ENERGY FACILITY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.10NM centre
335100S 1505659E
VERTICAL LIMITS: SFC - 760
HOURS OF ACTIVITY: H24
CONTACT: Control Room

YMMM/D427 TEMORA
AIR DISPLAYS
LATERAL LIMITS: A circle radius 5.00NM centre
342517S 1473042E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: Temora Historic Flight Club

YBBB/D431 ATTUNGA
BLASTING
LATERAL LIMITS: A circle radius 0.60NM centre 305525S 1505135E
VERTICAL LIMITS: SFC - 3100
HOURS OF ACTIVITY: MON - FRI 2300 - 0700
CONTACT: Unimin Australia

YBBB/D432 SULCOR
BLASTING
LATERAL LIMITS: A circle radius 0.60NM centre 305216S 1504908E
VERTICAL LIMITS: SFC - 3300
HOURS OF ACTIVITY: MON - FRI 2300 - 0700
CONTACT: Unimin Australia

YMMM/D435 KAPOOKA
FIRING
LATERAL LIMITS: A circle radius 1.00NM centre 350900S 1471548E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: DLY 2100-1400 (1HR EARLIER HDS) or as amended by NOTAM
CONTACT: Army RCO Kapooka

YMMM/D451 MARULAN
UNMANNED AERIAL VEHICLE TESTING
LATERAL LIMITS: 341556S 1500603E - 343541S 1500204E
then along the counter clockwise arc of a circle radius 1.00NM centre
343541S 1500317E - 343629S 1500402E
342025S 1502827E - 341556S 1500603E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTACT: ACFR

YMMM/D457 MAJURA NORTH
FIRING
LATERAL LIMITS: 351450S 1491253E - 351427S 1491252E
351338S 1491319E - 351337S 1491430E
351448S 1491432E - 351450S 1491253E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: MON-THU 2030-1300 FRI-SUN 2030-1230 (1HR EARLIER HDS) or as amended by NOTAM
CONTACT: Army RCO Majura

YMMM/D458 MAJURA SOUTH
FIRING
LATERAL LIMITS: 351716S 1491221E - 351552S 1491227E
351450S 1491253E - 351447S 1491527E
351713S 1491531E - 351716S 1491221E
VERTICAL LIMITS: SFC - 3400
HOURS OF ACTIVITY: MON-THU 2030-1300 FRI-SUN 2030-1230 (1HR EARLIER HDS) or as amended by NOTAM
CONTACT: Army RCO Majura

YMMM/D459 RICHMOND
MILITARY FLYING
LATERAL LIMITS: 332731S 1503436E
then along the clockwise arc of a circle radius 42.00NM centre
335638S 1511057E (SY/DME) - 331835S 1504927E
332613S 1505252E
then along the counter clockwise arc of a circle radius 11.00NM centre
333626S 1504756E (RIC/TAC) - 332940S 1503734E
332731S 1503436E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: JO HJ or as amended by NOTAM
CONTACT: FLTCDR 453SQN RICHMOND

YMMM/D513 THE BALD HILLS
UAV OPERATIONS
LATERAL LIMITS: 320000S 1462736E - 315418S 1463718E
321006S 1465142E - 321554S 1464154E
320000S 1462736E
VERTICAL LIMITS: SFC - FL180
HOURS OF ACTIVITY: NOTAM
CONTACT: Air Affairs Australia

YBBB/D523A TAMWORTH
FLYING TRAINING
LATERAL LIMITS: 311252S 1504800E - 311848S 1504650E
then along the clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 305911S 1503315E
then along THE POWER LINES - 310115S 1503948E
then along the counter clockwise arc of a circle radius 9.00NM centre
310358S 1504948E (TW/DME) - 311252S 1504800E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YBBB/D523B TAMWORTH
FLYING TRAINING
LATERAL LIMITS: 313244S 1501153E - 311014S 1500638E
then along THE TAMARANG TO GUNNEDAH ROAD - 310214S 1501238E
then along the counter clockwise arc of a circle radius 5.00NM centre
305740S 1501502E - 305849S 1502042E
then along OXLEY HWY 3 - 305834S 1502759E
then along A POWER LINE - 305911S 1503315E
then along the counter clockwise arc of a circle radius 15.00NM centre
310358S 1504948E (TW/DME) - 311848S 1504650E
313139S 1504417E
then along THE QUIRINDI RD - 313145S 1503950E
then along HWY 37 - 312536S 1503523E
312531S 1503430E
then along the counter clockwise arc of a circle radius 5.10NM centre
312955S 1503105E - 313035S 1502509E
then along PINE RIDGE TO SPRING RIDGE RD - 313244S 1501153E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: H24
CONTACT: CASA OAR

YMMM/D526 CADIA GOLD MINE
BLASTING
LATERAL LIMITS: A circle radius 1.60NM centre 332800S 1485949E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: MON - SAT-HJ
CONTACT: Newcrest Mining

YBBB/D531A GUNNEDAH
FLYING TRAINING
LATERAL LIMITS: 310549S 1495449E
then along ROAD 1 - 304616S 1495750E
then along the counter clockwise arc of a circle radius 5.00NM centre
304330S 1500240E - 304830S 1500310E
then along NORTH WESTERN RAILWAY - 305603S 1500932E
then along the counter clockwise arc of a circle radius 5.00NM centre
305740S 1501502E - 305922S 1500934E
then along OXLEY HWY 4 - 310549S 1495449E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Sydney Region)

YBBB/D531B GUNNEDAH
FLYING TRAINING
LATERAL LIMITS: 304830S 1500310E
then along the counter clockwise arc of a circle radius 5.00NM centre
304330S 1500240E - 304039S 1500727E
then along ROAD 2 - 304124S 1501825E
304234S 1502102E - 304544S 1501903E
305108S 1502017E
then along THE ROAD 1 - 305330S 1501816E
then along the counter clockwise arc of a circle radius 5.00NM centre
305740S 1501502E - 305603S 1500932E
then along NORTH WESTERN RAILWAY - 304830S 1500310E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Sydney Region)

YMMM/D535 WOLLONGONG
PARACHUTING
LATERAL LIMITS: 342252S 1505459E - 342640S 1505430E
then along the clockwise arc of a circle radius 2.00NM centre
342442S 1505400E - 342252S 1505459E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: HJ
CONTACT: Skydive Australia

YBBB/D537 SALT ASH
MILITARY FIRING
LATERAL LIMITS: 324401S 1515329E - 324345S 1515435E
324354S 1515548E - 324500S 1515515E
324527S 1515510E - 324552S 1515514E
324557S 1515432E - 324534S 1515428E
324521S 1515423E - 324401S 1515329E
VERTICAL LIMITS: SFC - 1300
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YMMM/D539A BANKSTOWN
LANE OF ENTRY
LATERAL LIMITS: 334548S 1510443E - 334932S 1510518E
then along HOMEBUSH BAY 5 - 335028S 1510456E
335104S 1510454E
then along the clockwise arc of a circle radius 0.40NM centre
335103S 1510425E - 335125S 1510414E
335417S 1510237E
then along the counter clockwise arc of a circle radius 3.00NM centre
335528S 1505918E - 335301S 1505712E
then along the clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 334548S 1510443E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: Airservices Australia Shift Manager

YMMM/D539B BANKSTOWN
LANE OF ENTRY
LATERAL LIMITS: 335349S 1505617E - 334505S 1505400E
334105S 1505953E - 334548S 1510443E
then along the counter clockwise arc of a circle radius 12.00NM centre
335638S 1511057E (SY/DME) - 335301S 1505712E
then along the counter clockwise arc of a circle radius 3.00NM centre
335528S 1505918E - 335349S 1505617E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Airservices Australia Shift Manager

YMMM/D543 URANQUINTY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
351053S 1471253E
VERTICAL LIMITS: SFC - 1100
HOURS OF ACTIVITY: H24
CONTACT: Origin Energy Uranquinty

YMMM/D552 CAMDEN
FLYING TRAINING
LATERAL LIMITS: 335810S 1502826E - 335847S 1503428E
then along ROAD 13 - 340028S 1503836E
340136S 1503900E
then along the counter clockwise arc of a circle radius 2.00NM centre
340225S 1504112E - 340422S 1504147E
then along OLD HUME HWY - 341021S 1503610E
then along RAILWAY 10 - 341356S 1503250E
then along LITTLE/NATTAI RIVERS - 340508S 1502628E
then along EASTERN BANK OF LAKE BURRAGORANG - 335810S 1502826E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Sydney Region)

YMMM/D556A BANKSTOWN
FLYING TRAINING
LATERAL LIMITS: 341100S 1505000E - 340231S 1504422E
then along ROAD 6 - 335827S 1504425E
then along ROAD 7 - 335634S 1504401E
then along ROAD 8 - 335227S 1504445E
then along ROAD 10 - 335216S 1504309E
then along ROAD 11 - 334908S 1504543E
then along ROAD 12 - 334616S 1504634E
334702S 1504943E - 334813S 1505449E
335349S 1505617E - 335753S 1505719E
335800S 1505443E - 340600S 1504930E
341100S 1505000E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Sydney Region)

YMMM/D556B BANKSTOWN
FLYING TRAINING
LATERAL LIMITS: 335847S 1503420E - 335810S 1502826E
then along WARRAGAMBA RVR - 335312S 1503601E
then along WARRAGAMBA/NEPEAN RIVERS - 334704S 1503834E
334832S 1504128E - 334908S 1504543E
then along ROAD 11 - 335216S 1504309E
then along ROAD 10 - 335227S 1504445E
then along ROAD 8 - 335634S 1504401E
then along ROAD 7 - 335827S 1504425E
340028S 1503836E
then along THE ROAD 3 - 335847S 1503420E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Sydney Region)

YBBB/D566A WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 321329S 1492125E - 315706S 1495502E
312442S 1503707E - 313029S 1504156E
314710S 1504945E - 315350S 1505254E
320243S 1505208E - 320827S 1504205E
324315S 1495932E - 322745S 1494203E
321329S 1492125E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D566B WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 320236S 1490547E - 314535S 1494048E
310811S 1502326E - 312442S 1503707E
315706S 1495502E - 321329S 1492125E
320236S 1490547E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576A WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 304714S 1485813E - 300647S 1500449E
310811S 1502326E - 314535S 1494048E
315822S 1491434E - 315126S 1490439E
304714S 1485813E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576B WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 310853S 1482149E - 304714S 1485813E
315126S 1490439E - 315822S 1491434E
320236S 1490547E - 315818S 1485939E
310853S 1482149E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576C WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 294829S 1485227E - 294722S 1495900E
300647S 1500449E - 304714S 1485813E
294829S 1485227E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D576D WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 302042S 1474543E - 294837S 1484207E
294829S 1485227E - 304714S 1485813E
310853S 1482149E - 302042S 1474543E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YBBB/D589 WILLIAMTOWN
VFR TRANSIT LANE
LATERAL LIMITS: 322340S 1514741E - 322220S 1514548E
then along 1NM PARL TO RAILWAY 3 - 321954S 1515410E
then along 1.5NM PARL TO RAILWAY 1 - 320000S 1515613E
then along 1.5NM PARL TO RAILWAY 9 - 315341S 1520208E
then along the clockwise arc of a circle radius 55.00NM centre
324749S 1514959E (SALUS/WPT) - 315436S 1520652E
then along 1.5NM PARL TO RAILWAY 8 - 320000S 1515947E
then along 1.5NM PARL TO RAILWAY 7 - 322140S 1515714E
then along 1NM PARL TO RAILWAY 6 - 322340S 1514741E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 453SQN WILLIAMTOWN

YMMM/D593A WILTON
PARACHUTING
LATERAL LIMITS: 341122S 1503929E
then along the counter clockwise arc of a circle radius 2.00NM centre
341318S 1504006E - 341434S 1504158E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 341122S 1503929E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: HJ
CONTACT: Sydney Parachute and Skydiving Centre

YMMM/D593B WILTON
PARACHUTING
LATERAL LIMITS: 341122S 1503929E
then along the clockwise arc of a circle radius 2.00NM centre
341318S 1504006E - 341434S 1504158E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 341122S 1503929E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Sydney Parachute and Skydiving Centre

YBBB/D602 SCHERGER
MILITARY FLYING
LATERAL LIMITS: 122227S 1420650E - 115728S 1420929E
then along the clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
125225S 1420338E
then along the counter clockwise arc of a circle radius 15.00NM centre
123726S 1420514E - 122227S 1420650E
VERTICAL LIMITS: SFC - 4000
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D606 SCHERGER
MILITARY FLYING
LATERAL LIMITS: 143718S 1415222E
then along the clockwise arc of a circle radius 120.00NM centre
123726S 1420514E - 103732S 1421754E
115728S 1420929E
then along the counter clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
143718S 1415222E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D611 BALLERA
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.50NM centre
272336S 1414818E
VERTICAL LIMITS: SFC - FL150
HOURS OF ACTIVITY: H24
CONTACT: SANTOS Ballera

YBBB/D612A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 274208S 1523214E - 272555S 1522508E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 271823S 1524304E
272924S 1524734E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274208S 1523214E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D612B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272555S 1522508E - 274208S 1523214E
then along the counter clockwise arc of a circle radius 10.00NM centre
273826S 1524243E - 274413S 1525155E
275324S 1524511E - 275825S 1524049E
then along the clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 272555S 1522508E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D613 OAKEY
MILITARY FLYING
LATERAL LIMITS: 271026S 1512323E - 265903S 1512526E
then along the clockwise arc of a circle radius 30.00NM centre
272359S 1514417E (OK/DME) - 265423S 1515020E
265857S 1521835E - 270546S 1521703E
270427S 1521259E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 271054S 1520532E
then along the counter clockwise arc of a circle radius 23.00NM centre
272359S 1514417E (OK/DME) - 271026S 1512323E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM
CONTACT: FLTCDR 452SQN OAKEY

YBBB/D615 MOUNT ISA
FIRING
LATERAL LIMITS: 204239S 1393510E - 204228S 1393832E
204425S 1393840E - 204436S 1393518E
204239S 1393510E
VERTICAL LIMITS: SFC - 2400
HOURS OF ACTIVITY: NOTAM
CONTACT: Dept of Defence - ADF Range Management

YBBB/D617A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 252741S 1531556E - 245056S 1533838E
253153S 1541717E - 261542S 1532956E
261007S 1532543E - 254429S 1531651E
252741S 1531556E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D617B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 245056S 1533838E - 235901S 1541014E
244942S 1550203E - 253153S 1541717E
245056S 1533838E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D617C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 253153S 1541717E - 244942S 1550203E
253932S 1555400E - 261215S 1545558E
253153S 1541717E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D617D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 261542S 1532956E - 253153S 1541717E
261215S 1545558E - 264643S 1535329E
261542S 1532956E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D618 SHOALWATER BAY WEST
MILITARY FLYING / TRANSIT AREA
LATERAL LIMITS: 222225S 1494810E - 222220S 1494951E
222118S 1500920E - 222634S 1500643E
222937S 1500721E - 223312S 1500644E
223739S 1500649E - 223831S 1500710E
224207S 1500952E - 224321S 1501011E
224513S 1500958E - 224620S 1500957E
225130S 1501330E - 224324S 1494127E
223641S 1493747E - 223215S 1493747E
222225S 1494810E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO Shoalwater Bay

YBBB/D619 ROCKHAMPTON
MILITARY FLYING
LATERAL LIMITS: 224324S 1494127E - 225130S 1501330E
230854S 1500954E - 224324S 1494127E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D621A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 271743S 1505342E - 273440S 1515429E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 275251S 1515701E
280831S 1510338E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 271743S 1505342E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D621B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 280831S 1510338E - 275251S 1515701E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 280111S 1520130E
284432S 1512942E
then along the clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D621C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 281000S 1494800E - 265738S 1494403E
271743S 1505342E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 280831S 1510338E
282830S 1495324E - 281000S 1494800E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D621D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 291542S 1500721E - 282830S 1495324E
280831S 1510338E
then along the counter clockwise arc of a circle radius 120.00NM centre
272157S 1530821E (BN/DME) - 284432S 1512942E
291523S 1502357E - 291542S 1500721E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D623 CEDAR GROVE
ROCKET LAUNCHING
LATERAL LIMITS: A circle radius 0.50NM centre
275109S 1525727E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: Queensland Rocketry Society

YBBB/D629A GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 271700S 1525949E - 271313S 1525916E
then along the clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 271102S 1530748E
271328S 1530739E - 271358S 1530406E
271421S 1530353E - 271700S 1525949E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D629B GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 270826S 1530303E - 270658S 1530406E
270206S 1530840E - 270346S 1531220E
270429S 1531223E - 270811S 1530937E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270802S 1530759E
271102S 1530748E
then along the counter clockwise arc of a circle radius 12.00NM centre
272303S 1530703E - 271313S 1525916E
then along D`AGUILAR HWY 30 - 270959S 1525843E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270826S 1530303E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D629C GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 264410S 1530809E - 264825S 1530817E
then along BRIBIE IS COAST - 270346S 1531220E
270206S 1530840E - 270658S 1530406E
270826S 1530303E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270959S 1525843E
then along D AGUILAR HWY 2 - 270518S 1525702E
270440S 1525708E - 264314S 1525832E
264410S 1530809E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D629D GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 270214S 1525717E - 270440S 1525708E
270507S 1525618E
then along DAGUILAR HWY1 - 270344S 1525426E
then along the clockwise arc of a circle radius 22.00NM centre
272157S 1530821E (BN/DME) - 270214S 1525717E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D629E GLASSHOUSE
CIVIL FLYING TRAINING
LATERAL LIMITS: 264852S 1525810E - 270214S 1525717E
then along the counter clockwise arc of a circle radius 22.00NM centre
272157S 1530821E (BN/DME) - 270344S 1525426E
then along DAGUILAR HWY3 - 265514S 1524308E
then along the clockwise arc of a circle radius 35.00NM centre
272303S 1530703E - 264852S 1525810E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D630A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272910S 1521604E - 272805S 1520505E
then along the clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 270749S 1522329E
271325S 1524103E - 271823S 1524304E
then along the counter clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 272555S 1522508E
272910S 1521604E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D630B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272805S 1520505E - 272910S 1521604E
272555S 1522508E
then along the counter clockwise arc of a circle radius 20.00NM centre
273826S 1524243E - 275825S 1524049E
281129S 1522924E
then along the clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 272805S 1520505E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D630C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272805S 1520505E - 272523S 1515637E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 270427S 1521259E
270749S 1522329E
then along the counter clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 272805S 1520505E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: MON-THU 2200-1330 FRI 2200-0630 EXC PH OT BY NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D630D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272523S 1515637E - 272805S 1520505E
then along the counter clockwise arc of a circle radius 35.00NM centre
273826S 1524243E - 281129S 1522924E
281805S 1522336E
then along the clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 272523S 1515637E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D632 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 261215S 1545558E - 253932S 1555400E
261550S 1563028E - 263323S 1554655E
271312S 1544429E - 272300S 1542852E
264643S 1535329E - 261215S 1545558E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D635A BRISBANE WEST WELLCAMP
FLYING TRAINING
LATERAL LIMITS: 273148S 1511200E - 275800S 1511700E
275520S 1514027E - 275404S 1514216E
274958S 1514438E - 274757S 1514623E
274042S 1514251E - 274000S 1514303E
274329S 1513145E - 273307S 1512259E
273148S 1511200E
VERTICAL LIMITS: SFC - 6000
HOURS OF ACTIVITY: HJ
CONTACT: Flight Training Adelaide

YBBB/D635B BRISBANE WEST WELLCAMP
FLYING TRAINING
LATERAL LIMITS: 273307S 1512259E - 274329S 1513145E
274000S 1514303E - 273847S 1514337E
273609S 1514408E - 273558S 1514350E
273453S 1514359E - 273442S 1514255E
273319S 1514306E - 273138S 1513445E
273206S 1513239E - 273054S 1512325E
273307S 1512259E
VERTICAL LIMITS: SFC - 3000
HOURS OF ACTIVITY: HJ
CONTACT: Flight Training Adelaide

YBBB/D645 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 284432S 1512942E - 280111S 1520130E
then along the counter clockwise arc of a circle radius 43.00NM centre
273826S 1524243E - 281805S 1522336E
290600S 1530540E - 291500S 1530330E
292053S 1531304E - 293619S 1525104E
290256S 1505043E - 284432S 1512942E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D648 PURGA RANGE
FIRING
LATERAL LIMITS: A circle radius 1.00NM centre 274307S 1524547E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO Greenbank

YBBB/D652 OAKEY
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.30NM centre 272504S 1514053E
VERTICAL LIMITS: SFC - 2800
HOURS OF ACTIVITY: H24
CONTACT: Power Holding

YBBB/D656A GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 281651S 1532755E - 281639S 1532750E
then along THE TWEED RIVER - 281918S 1532538E
then along the counter clockwise arc of a circle radius 10.00NM centre 281008S 1533014E (CG/DME) - 281932S 1533412E
then along COAST 510 - 281544S 1533500E
then along the clockwise arc of a circle radius 7.00NM centre 281008S 1533014E (CG/DME) - 281651S 1532755E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D656B GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 282408S 1532401E - 281918S 1532538E
then along the counter clockwise arc of a circle radius 10.00NM centre 281008S 1533014E (CG/DME) - 281932S 1533412E
then along COAST 490 - 282451S 1533347E
then along the clockwise arc of a circle radius 15.00NM centre 281008S 1533014E (CG/DME) - 282408S 1532401E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D656C GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 282630S 1532700E - 282408S 1532401E
then along the counter clockwise arc of a circle radius 15.00NM centre 281008S 1533014E (CG/DME) - 282451S 1533347E
then along COAST 480 - 283444S 1533348E
then along the clockwise arc of a circle radius 25.00NM centre 280952S 1533017E - 283455S 1533104E
283330S 1533000E - 282630S 1532700E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D656D GOLD COAST
FLYING TRAINING
LATERAL LIMITS: 283609S 1533233E - 283455S 1533104E
then along the counter clockwise arc of a circle radius 25.00NM centre 280952S 1533017E - 283444S 1533348E
then along COAST 380 - 284027S 1533655E
283759S 1533324E - 283609S 1533233E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D658A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272300S 1542852E - 271312S 1544429E
274628S 1544429E - 272300S 1542852E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D658B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 271312S 1544429E - 263323S 1554655E
261550S 1563028E - 271634S 1573103E
285010S 1563753E - 274628S 1544429E
271312S 1544429E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D664 KINGAROY
FLYING TRAINING
LATERAL LIMITS: 262600S 1514100E - 262200S 1515000E
263000S 1520300E - 264100S 1520100E
264700S 1514600E - 264300S 1514000E
262600S 1514100E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D666 ARCHERFIELD
FLYING TRAINING
LATERAL LIMITS: 273343S 1530446E - 273256S 1531450E
272552S 1532337E
then along the clockwise arc of a circle radius 15.00NM centre 272303S 1530703E - 273709S 1530113E
then along the counter clockwise arc of a circle radius 3.00NM centre 273413S 1530029E - 273541S 1530326E
273343S 1530446E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D672 ARCHERFIELD
TRAINING AREA
LATERAL LIMITS: 274658S 1530722E - 274514S 1525851E
274456S 1525810E
then along THE RAILWAY06 - 273709S 1530113E
then along the counter clockwise arc of a circle radius 15.00NM centre 272303S 1530703E - 273708S 1531300E
274658S 1530722E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D673 ARCHERFIELD
TRAINING AREA
LATERAL LIMITS: 275415S 1525050E - 274640S 1525716E
then along THE RAILWAY 2 - 274520S 1525804E
274456S 1525810E - 274514S 1525851E
274658S 1530722E - 275151S 1531210E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275159S 1531027E
281000S 1530600E - 281000S 1525050E
275415S 1525050E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D675 ARCHERFIELD
TRAINING AREA
LATERAL LIMITS: 274658S 1530722E - 273708S 1531300E
then along the counter clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 272552S 1532337E
272419S 1532607E
then along COT OF NTH STRADBROKE IS - 274726S 1532619E
then along the clockwise arc of a circle radius 30.00NM centre
272157S 1530821E (BN/DME) - 275151S 1531210E
274658S 1530722E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D679A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 285213S 1534939E - 282913S 1535739E
283347S 1540920E - 291321S 1550710E
302810S 1542553E - 301853S 1532932E
293923S 1533734E
then along the counter clockwise arc of a circle radius 30.00NM centre
291151S 1532344E - 285213S 1534939E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D679B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 302810S 1542553E - 291321S 1550710E
294816S 1555922E - 303825S 1553125E
302810S 1542553E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D688 MARYBOROUGH
FLYING TRAINING
LATERAL LIMITS: 252500S 1523900E - 252630S 1525700E
254030S 1525330E - 254330S 1523330E
253600S 1523500E - 252500S 1523900E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D690 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 301853S 1532932E
302810S 1542553E - 303825S 1553125E
310144S 1551814E - 304333S 1532427E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN AMBERLEY

YBBB/D691 BUNDABERG
FLYING TRAINING
LATERAL LIMITS: 245217S 1522138E - 244533S 1522445E
then along COAST 34 - 251100S 1523730E
251430S 1521630E - 250000S 1515730E
245257S 1521607E
then along the counter clockwise arc of a circle radius 3.00NM centre
245414S 1521907E - 245217S 1522138E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D698 ROCKHAMPTON
MILITARY FLYING
LATERAL LIMITS: 230854S 1500954E - 225130S 1501330E
225205S 1501631E - 225500S 1502700E
225417S 1503330E - 231516S 1502943E
then along the counter clockwise arc of a circle radius 7.00NM centre
232209S 1502814E - 231807S 1502200E
230854S 1500954E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D706 ROCKHAMPTON
FLYING TRAINING
LATERAL LIMITS: 233730S 1500930E - 232930S 1500800E
232720S 1502315E - 233100S 1502310E
233450S 1502317E - 233730S 1500930E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Eastern Region)

YBBB/D722 GLADSTONE
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.25NM centre
234740S 1510908E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: H24
CONTACT: Cement Australia

YBBB/D723 CURTIS ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.20NM centre
234609S 1511157E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: QCLNG

YBBB/D724 CURTIS ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.20NM centre
234629S 1511232E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24
CONTACT: Santos GLNG

YBBB/D726 CURTIS ISLAND
HIGH VELOCITY EXHAUST PLUME
LATERAL LIMITS: A circle radius 0.20NM centre
234540S 1511121E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24
CONTACT: Australian Pacific Liquified Natural Gas

YBBB/D731 ATHERTON
FIRING
LATERAL LIMITS: 171712S 1452547E - 171549S 1452549E
171603S 1452737E - 171616S 1452803E
171628S 1452803E - 171646S 1452737E
171712S 1452547E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: NOTAM
CONTACT: Army RCO Atherton

YBBB/D744 TOWNSVILLE
MILITARY FLYING
LATERAL LIMITS: 181416S 1445605E - 181800S 1451230E
183133S 1453503E - 191617S 1462043E
then along KEELBOTTOM CRK 1 - 192230S 1462120E
192445S 1462500E
then along HERVEY RANGE DEVELOPMENT RD - 192941S 1461958E
then along KEELBOTTOM CK - 193433S 1462045E
193635S 1462400E - 193832S 1463519E
195239S 1463341E - 201158S 1445336E
then along the clockwise arc of a circle radius 120.00NM centre
191439S 1464530E (TL/DME) - 181416S 1445605E
VERTICAL LIMITS: SFC - 7000
HOURS OF ACTIVITY: NOTAM
CONTACT: FLTCDR 452SQN TOWNSVILLE

YBBB/D762 CAIRNS
PARACHUTING ACTIVITY
LATERAL LIMITS: 170254S 1454442E - 170102S 1454406E
then along the clockwise arc of a circle radius 1.00NM centre
170044S 1454506E (THSM/WPT) - 165945S 1454516E
165952S 1454558E
then along the clockwise arc of a circle radius 1.00NM centre
170051S 1454548E (HVTG/WPT) - 170055S 1454651E
170253S 1454642E
then along the clockwise arc of a circle radius 1.00NM centre
170235S 1454542E - 170254S 1454442E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: Airservices Australia Cairns

YBBB/D764 TOWNSVILLE
FLYING TRAINING
LATERAL LIMITS: 190830S 1462442E - 190436S 1462812E
then along SOUTH_COAST - 190855S 1463534E
then along the counter clockwise arc of a circle radius 11.00NM centre
191439S 1464530E (TL/DME) - 191555S 1463357E
191706S 1463224E - 191548S 1462536E
190830S 1462442E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D769A CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170020S 1455233E - 165659S 1455142E
then along the counter clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 165432S 1455234E
then along COAST 66 - 165333S 1455653E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170020S 1455233E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D769B CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170315S 1455318E - 170020S 1455233E
then along the counter clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 165333S 1455653E
then along THE COAST 1 - 165351S 1455725E
165555S 1460005E - 170053S 1460022E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170600S 1455507E
then along THE COAST 5 - 170315S 1455318E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D771A CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170253S 1454642E - 170055S 1454651E
then along the counter clockwise arc of a circle radius 1.00NM centre
170051S 1454548E (HVTG/WPT) - 170026S 1454645E
then along the counter clockwise arc of a circle radius 7.00NM centre
165332S 1454520E - 165659S 1455142E
170020S 1455233E
then along the clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170253S 1454642E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D771B CAIRNS
FLYING TRAINING
LATERAL LIMITS: 170840S 1454837E - 170602S 1454638E
then along BRUCE HWY 1 - 170334S 1454556E
then along the counter clockwise arc of a circle radius 1.00NM centre
170235S 1454542E - 170253S 1454642E
then along the counter clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 170020S 1455233E
170315S 1455318E
then along THE COAST 5 - 170600S 1455507E
then along the clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170840S 1454837E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D771C CAIRNS
FLYING TRAINING
LATERAL LIMITS: 171204S 1455131E - 170840S 1454837E
then along the counter clockwise arc of a circle radius 18.00NM centre
165101S 1454438E (CS/DME) - 170053S 1460022E
170647S 1460043E
then along the clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 171204S 1455131E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D771D CAIRNS
FLYING TRAINING
LATERAL LIMITS: 171602S 1455454E - 171204S 1455131E
then along the counter clockwise arc of a circle radius 22.00NM centre
165101S 1454438E (CS/DME) - 170647S 1460043E
170929S 1460052E - 171602S 1460207E
171602S 1455454E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: HJ
CONTACT: Regulatory Services and Surveillance (Northern Region)

YBBB/D772 WANGETTI
FIRING
LATERAL LIMITS: 164327S 1453341E - 164046S 1453342E
164045S 1453422E - 164140S 1453456E
164305S 1453509E - 164330S 1453445E
164327S 1453341E
VERTICAL LIMITS: SFC - 1700
HOURS OF ACTIVITY: MON 2200-0600 WED 2200-0600 FRI-SUN 2200-0600 EXC PH or as amended by NOTAM
CONTACT: Army RCO Wangetti

YBBB/D779 CAPE CLEVELAND
MILITARY FLYING
LATERAL LIMITS: 191841S 1465619E
then along the counter clockwise arc of a circle radius 11.00NM centre
191439S 1464530E (TL/DME) - 191111S 1465632E
190858S 1470333E
then along the clockwise arc of a circle radius 18.00NM centre
191439S 1464530E (TL/DME) - 192001S 1470340E
then along COASTAL_SOUTH - 192220S 1470540E
then along the clockwise arc of a circle radius 20.00NM centre
191509S 1464555E - 192438S 1470434E
192206S 1470230E - 191841S 1465619E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: DLY 2000-1400 EXC PH or as amended by NOTAM
CONTACT: Army RCO Cape Cleveland

YBBB/D812 YAMPI SOUND
FIRING
LATERAL LIMITS: 163100S 1233000E - 163100S 1245100E
170000S 1245100E - 170000S 1235000E
164000S 1233000E - 163100S 1233000E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
CONTACT: Army DOTAM WA

YBBB/D813 CURTIN
MILITARY FLYING
LATERAL LIMITS: 171015S 1235215E - 162006S 1235441E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
174857S 1241306E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 171015S 1235215E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D814 CURTIN
MILITARY FLYING
LATERAL LIMITS: 174857S 1241306E - 181553S 1245723E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
175828S 1234058E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 174857S 1241306E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D815 CURTIN
MILITARY FLYING
LATERAL LIMITS: 175828S 1234058E - 184445S 1232036E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
173412S 1232458E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 175828S 1234058E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D816 CURTIN
MILITARY FLYING
LATERAL LIMITS: 173412S 1232458E - 173138S 1223242E
then along the clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
171015S 1235215E
then along the counter clockwise arc of a circle radius 25.00NM centre
173520S 1235107E (CIN/VOR) - 173412S 1232458E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D817 CURTIN
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 150452S 1235817E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 185558S 1260413E
181553S 1245723E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D818 CURTIN
MILITARY FLYING
LATERAL LIMITS: 181553S 1245723E - 185558S 1260413E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 195405S 1224943E
184445S 1232036E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 181553S 1245723E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D819 CURTIN
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 195405S 1224943E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 172720S 1211421E
173138S 1223242E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

YBBB/D820 CURTIN
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 172720S 1211421E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 150452S 1235817E
162006S 1235441E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
CONTACT: DEFENCE JACC

MILITARY OPERATING AREAS

YMMM/M147A LANCELIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 305400S 1145600E - 304530S 1151730E
305500S 1152400E - 310730S 1150500E
305400S 1145600E
VERTICAL LIMITS: SFC - FL700
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M147B LANCELIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 304530S 1151730E - 304100S 1152700E
305000S 1153300E - 305500S 1152400E
304530S 1151730E
VERTICAL LIMITS: SFC - FL260
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M147C LANCELIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 303857S 1150736E - 304100S 1152700E
304530S 1151730E - 304756S 1151121E
then along COAST 72 - 303941S 1150755E
then along COAST 71 - 303857S 1150736E
VERTICAL LIMITS: SFC - FL260
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M161 PEARCE
MILITARY FLYING
LATERAL LIMITS: 321451S 1154124E - 321329S 1154047E
321349S 1155652E - 321336S 1160427E
330256S 1162449E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 325836S 1151838E
322835S 1153742E - 322232S 1153930E
321451S 1154124E
VERTICAL LIMITS: 6000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M166 PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 315246S 1152456E - 314830S 1144746E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310608S 1151935E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 310405S 1152336E
then along 2NM LAN & PARL TO COT - 314543S 1154602E
315246S 1152456E
VERTICAL LIMITS: 2000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M170A PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 315056S 1150842E - 315231S 1152240E
then along the counter clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 320528S 1152349E
320856S 1151017E
then along the clockwise arc of a circle radius 42.00NM centre
315642S 1155734E (PH/DME) - 315056S 1150842E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M170B PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 320713S 1151704E - 320528S 1152349E
then along the counter clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 321447S 1152922E
321824S 1152342E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 320713S 1151704E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M171A PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 312349S 1145843E - 305033S 1140029E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 301034S 1145152E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 300806S 1145733E
then along 2 NM SEAWARD & PARL TO COT/1 - 303839S 1150455E
then along 2NM SEAWARD & PARL TO COT 8 - 304024S 1150543E
then along 2NM SEAWARD & PARL TO COT 9 - 310608S 1151935E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 312349S 1145843E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M171B PEARCE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314830S 1144746E - 314000S 1133807E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 305033S 1140029E
312349S 1145843E
then along the counter clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 314830S 1144746E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN PEARCE

YMMM/M180 STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 315246S 1152456E - 314830S 1144746E
then along the clockwise arc of a circle radius 60.00NM centre
315642S 1155734E (PH/DME) - 312349S 1145843E
313811S 1152951E - 315001S 1153312E
315246S 1152456E
VERTICAL LIMITS: SFC - 2000
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M181 STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314000S 1130000E - 300003S 1130000E
300013S 1134939E - 300000S 1143000E
301034S 1145152E
then along the counter clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 314000S 1133807E
314000S 1130000E
VERTICAL LIMITS: SFC - FL260
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182A STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314000S 1133807E - 314708S 1143609E
then along the counter clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 321655S 1143839E
323051S 1134155E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 314000S 1133807E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182B STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 314708S 1143609E - 315056S 1150842E
then along the counter clockwise arc of a circle radius 42.00NM centre
315642S 1155734E (PH/DME) - 320856S 1151017E
321655S 1143839E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 314708S 1143609E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182C STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323051S 1134155E - 321655S 1143839E
then along the counter clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 323844S 1145127E
330823S 1140335E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 323051S 1134155E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182D STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 321655S 1143839E - 320713S 1151704E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 321824S 1152342E
323844S 1145127E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 321655S 1143839E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182E STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 330823S 1140335E - 323844S 1145127E
then along the counter clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 325836S 1151838E
334240S 1145016E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 330823S 1140335E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182F STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 323844S 1145127E - 321824S 1152342E
then along the counter clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 322835S 1153742E
325836S 1151838E
then along the clockwise arc of a circle radius 70.00NM centre
315642S 1155734E (PH/DME) - 323844S 1145127E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M182G STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 321824S 1152342E - 321447S 1152922E
then along the counter clockwise arc of a circle radius 30.00NM centre
315642S 1155734E (PH/DME) - 322232S 1153930E
322835S 1153742E
then along the clockwise arc of a circle radius 36.00NM centre
315642S 1155734E (PH/DME) - 321824S 1152342E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M195 STIRLING
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 313414S 1144601E - 311742S 1134438E
then along the clockwise arc of a circle radius 120.00NM centre
315642S 1155734E (PH/DME) - 302425S 1142753E
305400S 1145600E - 310853S 1150555E
then along the counter clockwise arc of a circle radius 65.00NM centre
315642S 1155734E (PH/DME) - 313414S 1144601E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Stirling

YMMM/M201 ADELAIDE
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 354540S 1381803E - 361000S 1381000E
361526S 1373100E - 365211S 1370408E
then along the counter clockwise arc of a circle radius 150.00NM centre
344217S 1383645E (EDN/TAC) - 370357S 1393812E
355448S 1390739E - 354202S 1385743E
then along the clockwise arc of a circle radius 50.00NM centre
345649S 1383128E (AD/DME) - 354540S 1381803E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN EDINBURGH

YBBB/M240A DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 120017S 1305453E - 110502S 1305339E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 112050S 1314257E
120513S 1310935E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 120017S 1305453E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M240B DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 110502S 1305339E - 102452S 1305246E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 104830S 1320707E
112050S 1314257E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 110502S 1305339E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M240C DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 102452S 1305246E - 095444S 1305207E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 102414S 1322511E
104830S 1320707E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 102452S 1305246E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M240D DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 120513S 1310935E - 112050S 1314257E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 120220S 1321238E
121853S 1311903E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 120513S 1310935E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M240E DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 112050S 1314257E - 104830S 1320707E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 115011S 1325132E
120220S 1321238E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 112050S 1314257E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M240F DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 104830S 1320707E - 102414S 1322511E
then along the clockwise arc of a circle radius 150.00NM centre
122524S 1305423E (DN/DME) - 114101S 1332040E
115011S 1325132E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 104830S 1320707E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263A DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 123816S 1301016E - 123235S 1302953E
then along the clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 121911S 1302938E
121226S 1301020E
then along the counter clockwise arc of a circle radius 45.00NM centre
122524S 1305423E (DN/DME) - 123816S 1301016E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263B DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124809S 1293554E - 123816S 1301016E
then along the clockwise arc of a circle radius 45.00NM centre
122524S 1305423E (DN/DME) - 121226S 1301020E
120216S 1293608E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 124809S 1293554E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263C DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125922S 1285635E - 124809S 1293554E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 120216S 1293608E
115034S 1285706E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 125922S 1285635E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263D DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 131315S 1280720E - 125922S 1285635E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 115034S 1285706E
113548S 1280823E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 131315S 1280720E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263E DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 124809S 1293554E - 123235S 1302953E
then along the counter clockwise arc of a circle radius 25.00NM centre
122524S 1305423E (DN/DME) - 124426S 1303742E
132616S 1300054E
then along the clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 124809S 1293554E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263F DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 125922S 1285635E - 124809S 1293554E
then along the counter clockwise arc of a circle radius 80.00NM centre
122524S 1305423E (DN/DME) - 132616S 1300054E
135638S 1293400E
then along the clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 125922S 1285635E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YBBB/M263G DARWIN
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 131315S 1280720E - 125922S 1285635E
then along the counter clockwise arc of a circle radius 120.00NM centre
122524S 1305423E (DN/DME) - 135638S 1293400E
143432S 1290013E
then along the clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 131315S 1280720E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN DARWIN

YMMM/M301A EAST SALE
MILITARY FLYING
LATERAL LIMITS: 383345S 1461609E - 381716S 1464804E
then along the counter clockwise arc of a circle radius 20.00NM centre
380556S 1470858E - 374625S 1471439E
371704S 1472239E
then along the clockwise arc of a circle radius 50.00NM centre
380556S 1470858E - 383345S 1461609E
VERTICAL LIMITS: 4000 - FL210
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/M301B EAST SALE
MILITARY FLYING
LATERAL LIMITS: A circle radius 50.00NM centre
380556S 1470858E
VERTICAL LIMITS: FL210 - FL450
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN EAST SALE

YMMM/M331A WESTERN PORT
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 383223S 1444141E - 383000S 1445522E
then along the clockwise arc of a circle radius 5.00NM centre
382855S 1450135E - 383252S 1450528E
383530S 1450830E - 384358S 1450832E
then along the clockwise arc of a circle radius 16.00NM centre
382855S 1450135E - 383223S 1444141E
VERTICAL LIMITS: SFC - 9000
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Cerberus

YMMM/M331B WESTERN PORT
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 382855S 1450135E - 383223S 1444141E
then along the counter clockwise arc of a circle radius 16.00NM centre
382855S 1450135E - 384455S 1450200E
382907S 1450200E - 382855S 1450135E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Cerberus

YMMM/M334 CAPE SCHANCK
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 385100S 1442100E - 383800S 1444100E
383616S 1444328E
then along the counter clockwise arc of a circle radius 16.00NM centre
382855S 1450135E - 384445S 1450434E
384930S 1445630E - 390200S 1443400E
385100S 1442100E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Navy HMAS Cerberus

YMMM/M440A TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 345911S 1504237E - 345959S 1504953E
then along the counter clockwise arc of a circle radius 15.00NM centre
345700S 1503200E (NWA/TAC) - 345730S 1505014E
345724S 1505958E
then along the clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351202S 1505314E
350304S 1504006E
then along the counter clockwise arc of a circle radius 9.00NM centre
345700S 1503200E (NWA/TAC) - 345911S 1504237E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440B TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 350559S 1503300E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351202S 1505314E
350304S 1504006E
then along the clockwise arc of a circle radius 9.00NM centre
345700S 1503200E (NWA/TAC) - 350559S 1503300E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440C TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345724S 1505958E - 345702S 1513023E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 351327S 1512658E
350504S 1505814E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 345724S 1505958E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440D TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 350504S 1505814E - 351327S 1512658E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 352800S 1511647E
351202S 1505314E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 350504S 1505814E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440E TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 351202S 1505314E - 352800S 1511647E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 353838S 1510120E
351658S 1504559E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351202S 1505314E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440F TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 354453S 1503710E - 351957S 1503429E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 351658S 1504559E
353838S 1510120E
then along the clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 354453S 1503710E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440G TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345702S 1513023E - 345632S 1515935E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 352123S 1515438E
351327S 1512658E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 345702S 1513023E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440H TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 351327S 1512658E - 352123S 1515438E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 354314S 1513932E
352800S 1511647E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 351327S 1512658E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440J TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 352800S 1511647E - 354314S 1513932E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 355923S 1511613E
353838S 1510120E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 352800S 1511647E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M440K TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 353838S 1510120E - 355923S 1511613E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 360850S 1503946E
354453S 1503710E
then along the counter clockwise arc of a circle radius 48.00NM centre
345700S 1503200E (NWA/TAC) - 353838S 1510120E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440L TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345632S 1515935E - 345601S 1522527E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 353656S 1525015E
352123S 1515438E
then along the counter clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 345632S 1515935E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440M TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 352123S 1515438E - 353656S 1525015E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 361330S 1522529E
354314S 1513932E
then along the counter clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 352123S 1515438E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440N TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 354314S 1513932E - 361330S 1522529E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 364048S 1514621E
355923S 1511613E
then along the counter clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 354314S 1513932E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M440P TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 360850S 1503946E - 365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 364048S 1514621E
355923S 1511613E
then along the clockwise arc of a circle radius 72.00NM centre
345700S 1503200E (NWA/TAC) - 360850S 1503946E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M441 BEECROFT HEAD
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345900S 1510700E - 350854S 1510700E
350527S 1504856E - 350527S 1504712E
350606S 1504248E - 350420S 1504215E
350218S 1504209E - 350000S 1504400E
350124S 1504715E - 350124S 1505024E
345900S 1510700E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M442A TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 342640S 1510944E - 340600S 1511943E
340600S 1514515E
then along the clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 342640S 1510944E
VERTICAL LIMITS: SFC - 1500
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M442B TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 343000S 1510807E - 342640S 1510944E
then along the counter clockwise arc of a circle radius 30.00NM centre
335638S 1511057E (SY/DME) - 340600S 1514515E
340600S 1520316E - 343000S 1515135E
343000S 1510807E
VERTICAL LIMITS: SFC - 7500
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M442C TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 342029S 1515614E - 340600S 1520316E
340600S 1523425E
then along the clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 343056S 1522435E
342029S 1515614E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M442D TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 345101S 1532017E - 343056S 1522435E
then along the counter clockwise arc of a circle radius 70.00NM centre
335638S 1511057E (SY/DME) - 340600S 1523425E
340600S 1533454E
then along the clockwise arc of a circle radius 120.00NM centre
335638S 1511057E (SY/DME) - 345101S 1532017E
VERTICAL LIMITS: SFC - FL125
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M442E TASMAN SEA
MILITARY FLYING
LATERAL LIMITS: 343000S 1515135E - 342029S 1515614E
345101S 1532017E
then along the clockwise arc of a circle radius 120.00NM centre
335638S 1511057E (SY/DME) - 351925S 1525624E
343000S 1515135E
VERTICAL LIMITS: SFC - FL205
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB-YMMM/M443 TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 333802S 1515102E - 332606S 1520027E
332547S 1522203E - 334442S 1522204E
334723S 1515102E - 333802S 1515102E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M444A TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 344030S 1510300E - 343000S 1510807E
343000S 1513000E - 345702S 1513023E
345724S 1505958E
then along the counter clockwise arc of a circle radius 23.00NM centre
345700S 1503200E (NWA/TAC) - 345607S 1505957E
344356S 1510000E - 344030S 1510300E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M444B TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345702S 1513023E - 343000S 1513000E
343000S 1515135E - 343630S 1515959E
345632S 1515935E - 345702S 1513023E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YMMM/M444C TASMAN SEA
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 345632S 1515935E - 343630S 1515959E
345601S 1522527E - 345632S 1515935E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M550A WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 321258S 1524130E - 322917S 1532440E
334906S 1524538E - 334854S 1520641E
333926S 1520206E - 331154S 1515814E
then along the counter clockwise arc of a circle radius 25.00NM centre
324750S 1514959E (WLM/TAC) - 324219S 1521854E
324038S 1522734E - 321258S 1524130E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M550B WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 322917S 1532440E - 325503S 1543446E
334855S 1540250E - 334906S 1524538E
322917S 1532440E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M550C WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 311724S 1530823E - 320101S 1550606E
325503S 1543446E - 322917S 1532440E
321258S 1524130E - 311724S 1530823E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M550D WILLIAMTOWN
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 310443S 1553803E
320101S 1550606E - 311724S 1530823E
304333S 1532427E
VERTICAL LIMITS: SFC - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 453SQN WILLIAMTOWN

YBBB/M610A SCHERGER
MILITARY FLYING
LATERAL LIMITS: 143718S 1415222E
then along the clockwise arc of a circle radius 120.00NM centre
123726S 1420514E - 103732S 1421754E
115728S 1420929E
then along the counter clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
143718S 1415222E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M610B SCHERGER
MILITARY FLYING
LATERAL LIMITS: 143718S 1415222E
then along the clockwise arc of a circle radius 120.00NM centre
123726S 1420514E - 103732S 1421754E
115728S 1420929E
then along the counter clockwise arc of a circle radius 40.00NM centre
123726S 1420514E - 131724S 1420058E
143718S 1415222E
VERTICAL LIMITS: FL245 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M640A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 252741S 1531556E - 245056S 1533838E
253153S 1541717E - 261542S 1532956E
261007S 1532543E - 254429S 1531651E
252741S 1531556E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M640B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 245056S 1533838E - 235901S 1541014E
244942S 1550203E - 253153S 1541717E
245056S 1533838E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M640C AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 253153S 1541717E - 244942S 1550203E
253932S 1555400E - 261215S 1545558E
253153S 1541717E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M640D AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 261542S 1532956E - 253153S 1541717E
261215S 1545558E - 264643S 1535329E
261542S 1532956E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M641 EVANS HEAD
MILITARY FLYING/NON-FLYING
LATERAL LIMITS: 285621S 1533128E - 285213S 1534939E
then along the clockwise arc of a circle radius 30.00NM centre
291151S 1532344E - 294139S 1531907E
then along THE COAST 52 - 293441S 1532005E
then along THE COAST 50 - 293146S 1532132E
then along THE COAST 48 - 292628S 1532212E
then along THE COAST 3001 - 291829S 1532028E
then along THE COAST 3000 - 290741S 1532653E
then along THE COAST 47 - 290655S 1532611E
then along THE COAST 45 - 285621S 1533128E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M646 AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 264643S 1535329E - 261215S 1545558E
253932S 1555400E - 261550S 1563028E
263323S 1554655E - 271312S 1544429E
272300S 1542852E - 264643S 1535329E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M649A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 272300S 1542852E - 271312S 1544429E
274628S 1544429E - 272300S 1542852E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M649B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 271312S 1544429E - 263323S 1554655E
261550S 1563028E - 271634S 1573103E
285010S 1563753E - 274628S 1544429E
271312S 1544429E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M661A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 285213S 1534939E - 283215S 1535636E
283312S 1540749E - 283347S 1540920E
291321S 1550710E - 302810S 1542553E
301853S 1532932E - 293923S 1533734E
then along the counter clockwise arc of a circle radius 30.00NM centre
291151S 1532344E - 285213S 1534939E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M661B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 302810S 1542553E - 291321S 1550710E
294816S 1555922E - 303825S 1553125E
302810S 1542553E
VERTICAL LIMITS: 5000 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M670A AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 301853S 1532932E
302810S 1542553E - 303825S 1553125E
310144S 1551814E - 304333S 1532427E
VERTICAL LIMITS: FL125 - FL245
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M670B AMBERLEY
MILITARY FLYING
LATERAL LIMITS: 304333S 1532427E - 301853S 1532932E
302810S 1542553E - 303825S 1553125E
310144S 1551814E - 304333S 1532427E
VERTICAL LIMITS: FL245 - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN AMBERLEY

YBBB/M678 SHOALWATER BAY
MILITARY FLYING
LATERAL LIMITS: 222634S 1500643E - 222159S 1500347E
221509S 1500040E
then along the clockwise arc of a circle radius 30.00NM centre
221600S 1503300E - 224119S 1505031E
221900S 1504900E - 220600S 1504500E
220600S 1503000E - 221234S 1502527E
221500S 1502000E - 221700S 1501200E
222015S 1501158E - 222118S 1501028E
222118S 1500920E - 222634S 1500643E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Army RCO Shoalwater Bay

YBBB/M694 ELLIOTT
MILITARY FLYING
LATERAL LIMITS: 242400S 1520800E - 241100S 1523100E
242800S 1525800E - 244100S 1523400E
242400S 1520800E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M742 TIGER
MILITARY FLYING
LATERAL LIMITS: 185334S 1465948E - 180705S 1473102E
then along the clockwise arc of a circle radius 80.00NM centre
191439S 1464530E (TL/DME) - 191117S 1480957E
191342S 1471154E
then along the counter clockwise arc of a circle radius 25.00NM centre
191439S 1464530E (TL/DME) - 185334S 1465948E
VERTICAL LIMITS: 4000 - FL240
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: FLTCDR 452SQN TOWNSVILLE

YBBB/M777 CAIRNS (OUTER REEF)
MILITARY NON-FLYING
LATERAL LIMITS: 164130S 1461500E - 163000S 1461500E
163000S 1463300E - 164130S 1463300E
164130S 1461500E
VERTICAL LIMITS: SFC - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: Fleet HQ Potts Point

YBBB/M821A CURTIN
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 150452S 1235817E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 185558S 1260413E
181553S 1245723E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M821B CURTIN
MILITARY FLYING
LATERAL LIMITS: 162006S 1235441E - 150452S 1235817E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 185558S 1260413E
181553S 1245723E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 162006S 1235441E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M822A CURTIN
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 195405S 1224943E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 172720S 1211421E
173138S 1223242E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M822B CURTIN
MILITARY FLYING
LATERAL LIMITS: 184445S 1232036E - 195405S 1224943E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 172720S 1211421E
173138S 1223242E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 184445S 1232036E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M823A CURTIN
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 172720S 1211421E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 150452S 1235817E
162006S 1235441E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: FL125 - FL200
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M823B CURTIN
MILITARY FLYING
LATERAL LIMITS: 173138S 1223242E - 172720S 1211421E
then along the clockwise arc of a circle radius 150.00NM centre
173520S 1235107E (CIN/VOR) - 150452S 1235817E
162006S 1235441E
then along the counter clockwise arc of a circle radius 75.00NM centre
173520S 1235107E (CIN/VOR) - 173138S 1223242E
VERTICAL LIMITS: FL200 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YBBB/M824 CURTIN
MILITARY FLYING
LATERAL LIMITS: 160426S 1205617E - 140427S 1225624E
150457S 1235817E - 170428S 1215617E
160426S 1205617E
VERTICAL LIMITS: NOTAM - NOTAM
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M855A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213740S 1142344E - 202443S 1145927E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 212224S 1160208E
215704S 1144439E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213740S 1142344E
VERTICAL LIMITS: 10000 - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M855B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213740S 1142344E - 202443S 1145927E
then along the clockwise arc of a circle radius 120.00NM centre
221405S 1140538E (LM/DME) - 212224S 1160208E
215704S 1144439E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213740S 1142344E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M856A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 204914S 1133234E - 195235S 1131054E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195719S 1151242E
205205S 1144607E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M856B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 204914S 1133234E - 195235S 1131054E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195719S 1151242E
205205S 1144607E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M857A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213625S 1135049E - 204914S 1133234E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 205205S 1144607E
213740S 1142344E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213625S 1135049E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M857B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 213625S 1135049E - 204914S 1133234E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 205205S 1144607E
213740S 1142344E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 213625S 1135049E
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M858A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: A circle radius 40.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: NOTAM - 10000
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M858B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: A circle radius 40.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: 10000 - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M858C LEARMONTH
MILITARY FLYING
LATERAL LIMITS: A circle radius 40.00NM centre
221405S 1140538E (LM/DME)
VERTICAL LIMITS: FL280 - FL600
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M865A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222108S 1132311E - 222933S 1122959E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
213625S 1135049E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222108S 1132311E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M865B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222108S 1132311E - 222933S 1122959E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 204914S 1133234E
213625S 1135049E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 222108S 1132311E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M866A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 223916S 1112600E - 222933S 1122959E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 233856S 1133216E
243526S 1130938E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 223916S 1112600E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M866B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 223916S 1112600E - 222933S 1122959E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 233856S 1133216E
243526S 1130938E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 223916S 1112600E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M867A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 225149S 1135054E - 233856S 1133216E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
222108S 1132311E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 225149S 1135054E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M867B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 225149S 1135054E - 233856S 1133216E
then along the clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
222108S 1132311E
then along the counter clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 225149S 1135054E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M868A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222933S 1122959E - 223916S 1112600E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195235S 1131054E
204914S 1133234E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
VERTICAL LIMITS: NOTAM - FL280
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M868B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 222933S 1122959E - 223916S 1112600E
then along the clockwise arc of a circle radius 150.00NM centre
221405S 1140538E (LM/DME) - 195235S 1131054E
204914S 1133234E
then along the counter clockwise arc of a circle radius 90.00NM centre
221405S 1140538E (LM/DME) - 222933S 1122959E
VERTICAL LIMITS: FL280 - FL950
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M869A LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 220641S 1135135E - 221043S 1135906E
then along LINE RD 1 - 221409S 1135801E
222839S 1140132E
then along the clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 220641S 1135135E
VERTICAL LIMITS: NOTAM - FL250
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

YMMM/M869B LEARMONTH
MILITARY FLYING
LATERAL LIMITS: 215407S 1132818E - 220641S 1135135E
then along the counter clockwise arc of a circle radius 15.00NM centre
221405S 1140538E (LM/DME) - 222855S 1140250E
225337S 1135810E
then along the clockwise arc of a circle radius 40.00NM centre
221405S 1140538E (LM/DME) - 215407S 1132818E
VERTICAL LIMITS: NOTAM - FL250
HOURS OF ACTIVITY: NOTAM
ADMINISTERING AUTHORITY: DEFENCE JACC

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SECTION 14 – BROADCAST AREAS

The contact for the broadcast areas listed in this Section is the Civil Aviation Safety Authority.

YMMM/ABROLHOS BROADCAST AREA 127.1

LATERAL LIMITS: 282829S 1143003E - 290233S 1143734E
290415S 1135756E - 285750S 1134656E
281358S 1132835E - 275954S 1141713E
282829S 1143003E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/ALBANY BROADCAST AREA 127.85

LATERAL LIMITS: 350932S 1173730E - 350344S 1170037E
then along the clockwise arc of a circle radius 40.00NM centre
345636S 1174832E - 344409S 1183443E
345643S 1182429E - 350932S 1175703E
350932S 1173730E
VERTICAL LIMITS: SFC - 10000
HOURS OF ACTIVITY: H24

YBBB/ARAFURA BROADCAST AREA 127.15

LATERAL LIMITS: 135123S 1350000E - 095000S 1350000E
095000S 1360000E - 131321S 1360000E
131333S 1355800E - 135123S 1350000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/AYERS ROCK MANDATORY BROADCAST AREA 126.9

LATERAL LIMITS: A circle radius 20.00NM centre
251110S 1305832E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: H24

YBBB/BALLINA/BYRON MANDATORY BROADCAST AREA 124.2

LATERAL LIMITS: 283917S 1532149E
then along the counter clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283748S 1534337E
then along the clockwise arc of a circle radius 15.00NM centre
285002S 1533345E - 285419S 1531722E
then along the counter clockwise arc of a circle radius 5.00NM centre
284936S 1531527E - 284459S 1531740E
then along the clockwise arc of a circle radius 15.00NM centre
285002S 1533345E - 283917S 1532149E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YMMM/BASS STRAIT EAST BROADCAST AREA 129.75

LATERAL LIMITS: 380309S 1475757E - 380109S 1483429E
382004S 1483829E - 384031S 1482510E
384749S 1480551E - 383500S 1471230E
382555S 1470724E
then along THE COAST (90 MILE BEACH) - 380504S 1473416E
380309S 1475757E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/BATHURST IS/GARDEN PT/SNAKE BAY BROADCAST AREA 126.5

LATERAL LIMITS: 121110S 1304614E - 113157S 1294019E
then along the clockwise arc of a circle radius 90.00NM centre
122524S 1305423E (DN/DME) - 111245S 1314900E
113257S 1313352E - 120949S 1305202E
then along the counter clockwise arc of a circle radius 15.00NM centre
122453S 1305236E - 121110S 1304614E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/BOUCAUT BROADCAST AREA 127.5

LATERAL LIMITS: 134819S 1334000E - 095000S 1334000E
095000S 1350000E - 135123S 1350000E
135601S 1345250E - 135123S 1335709E
134819S 1334000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/CAPES BROADCAST AREA 132.25

LATERAL LIMITS: 335145S 1145613E - 333001S 1145859E
333818S 1151235E - 335541S 1151217E
342245S 1153342E - 342659S 1153247E
342209S 1150453E - 341530S 1145916E
335145S 1145613E
VERTICAL LIMITS: SFC - 5500
HOURS OF ACTIVITY: H24

YBBB/CAPRICORN BROADCAST AREA 132.2

LATERAL LIMITS: 225417S 1503328E - 225400S 1503600E
224750S 1503722E
then along the clockwise arc of a circle radius 36.00NM centre
232258S 1502818E (RK/DME) - 233835S 1510337E
232749S 1503902E
then along the counter clockwise arc of a circle radius 11.00NM centre
232258S 1502818E (RK/DME) - 231205S 1503015E
225417S 1503328E
VERTICAL LIMITS: SFC - 4500
HOURS OF ACTIVITY: H24

YBBB/CASSOWARY BROADCAST AREA 132.9

LATERAL LIMITS: 181553S 1454107E - 172707S 1454307E
then along the counter clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 171034S 1461614E
180306S 1461416E - 180610S 1460622E
then along the clockwise arc of a circle radius 10.00NM centre
181042S 1455700E - 181338S 1454657E
181553S 1454107E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/DARLING DOWNS BROADCAST AREA A 127.65

LATERAL LIMITS: 273250S 1513827E - 272352S 1513840E
then along the counter clockwise arc of a circle radius 5.00NM centre
272359S 1514417E (OK/DME) - 271915S 1514610E
272335S 1515950E - 272733S 1520320E
273244S 1520251E - 274212S 1520136E
274143S 1514014E - 273250S 1513827E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YBBB/DARLING DOWNS BROADCAST AREA B 127.65

LATERAL LIMITS: A circle radius 5.00NM centre
272359S 1514417E (OK/DME)
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YBBB/EAST KIMBERLEY BROADCAST AREA 127.3

LATERAL LIMITS: 160900S 1282350E - 155008S 1282718E
then along the counter clockwise arc of a circle radius 15.00NM centre
154641S 1284227E - 155357S 1285604E
155855S 1290000E - 174500S 1290000E
174500S 1274814E
then along the clockwise arc of a circle radius 9.90NM centre
173956S 1275709E - 173000S 1275700E
172400S 1280130E - 170830S 1280930E
165330S 1281600E - 162800S 1281400E
162320S 1281300E - 161500S 1282030E
160900S 1282350E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YMMM/FLINDERS ISLAND BROADCAST AREA 127.8

LATERAL LIMITS: 400448S 1473037E - 395145S 1473204E
then along the clockwise arc of a circle radius 10.00NM centre
395236S 1474501E - 394540S 1473540E
393622S 1474714E
then along the clockwise arc of a circle radius 10.00NM centre
394317S 1475635E - 393555S 1480520E
395036S 1482611E
then along the clockwise arc of a circle radius 10.00NM centre
395800S 1481726E - 395502S 1482951E
402315S 1484120E
then along the clockwise arc of a circle radius 10.00NM centre
402614S 1482850E - 403428S 1483618E
404402S 1481807E
then along the clockwise arc of a circle radius 10.00NM centre
403547S 1481040E - 404250S 1480121E
402501S 1473816E
then along the clockwise arc of a circle radius 10.00NM centre
401800S 1474735E - 402024S 1473453E
400802S 1473057E
then along the clockwise arc of a circle radius 10.00NM centre
400539S 1474336E - 400448S 1473037E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/GROOTE EYLANDT BROADCAST AREA 126.0

LATERAL LIMITS: A circle radius 30.00NM centre
135824S 1362739E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/KATHERINE GORGE BROADCAST AREA 126.7

LATERAL LIMITS: 142114S 1322205E - 140109S 1322145E
then along the clockwise arc of a circle radius 30.00NM centre
143116S 1322240E - 141317S 1324729E
142506S 1323049E
then along the counter clockwise arc of a circle radius 10.00NM centre
143116S 1322240E - 142114S 1322205E
VERTICAL LIMITS: SFC - 2500
HOURS OF ACTIVITY: H24

YBBB/KINCHANT BROADCAST AREA 132.05

LATERAL LIMITS: 211418S 1490622E - 211650S 1490315E
211700S 1484846E
then along the clockwise arc of a circle radius 22.00NM centre
211023S 1491115E (MK/DME) - 210513S 1484821E
210903S 1490459E
then along the counter clockwise arc of a circle radius 6.00NM centre
211023S 1491115E (MK/DME) - 211418S 1490622E
VERTICAL LIMITS: SFC - 3500
HOURS OF ACTIVITY: H24

YMMM/LAKE EYRE BROADCAST AREA 127.8

LATERAL LIMITS: 300000S 1360000E - 273000S 1360000E
273000S 1390000E - 300000S 1390000E
300000S 1360000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/MACKAY BROADCAST AREA 126.7

LATERAL LIMITS: 212749S 1494500E - 211548S 1492129E
then along the counter clockwise arc of a circle radius 11.00NM centre
211023S 1491115E (MK/DME) - 210138S 1491827E
then along the counter clockwise arc of a circle radius 45.00NM centre
202104S 1485721E (OVRON/WPT) - 204713S 1493627E
210543S 1494924E
then along the clockwise arc of a circle radius 36.00NM centre
211023S 1491115E (MK/DME) - 212749S 1494500E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/MARLIN BROADCAST AREA 127.0

LATERAL LIMITS: 164344S 1453440E - 162910S 1451446E
then along the clockwise arc of a circle radius 36.00NM centre
165101S 1454438E (CS/DME) - 171034S 1461614E
165555S 1460005E - 165327S 1455654E
then along the counter clockwise arc of a circle radius 12.00NM centre
165101S 1454438E (CS/DME) - 164344S 1453440E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/NEWCASTLE CBD WARNERVALE BROADCAST AREA 132.1

LATERAL LIMITS: 330530S 1514348E
then along the clockwise arc of a circle radius 10.00NM centre
325530S 1514312E - 324630S 1513759E
324722S 1513730E
then along NEW ENGLAND HWY 2 - 324914S 1514052E
then along SOUTHBANK/ARM HUNTER RVR 1 - 325524S 1514723E
325922S 1514559E - 330530S 1514348E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/NHULUNBUY BROADCAST AREA 127.8

LATERAL LIMITS: 131321S 1360000E - 095000S 1360000E
095000S 1390000E - 130000S 1390000E
130048S 1375654E - 131321S 1360000E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YBBB/NORTH KIMBERLEY BROADCAST AREA 128.0

LATERAL LIMITS: 142014S 1233752E - 115249S 1270533E
120449S 1280201E
then along the counter clockwise arc of a circle radius 170.00NM centre
122524S 1305423E (DN/DME) - 143421S 1290000E
153543S 1290000E - 154023S 1285634E
then along the counter clockwise arc of a circle radius 15.00NM centre
154641S 1284227E - 155008S 1282718E
160900S 1282350E - 161500S 1282030E
162320S 1281300E - 162800S 1281400E
165330S 1281600E - 170004S 1281310E
164200S 1262800E - 155648S 1251500E
154406S 1250206E - 142014S 1233752E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YMMM/NORTH WEST SHELF BROADCAST AREA 127.15

LATERAL LIMITS: 202618S 1161830E - 194903S 1151640E
then along the clockwise arc of a circle radius 100.00NM centre
204254S 1164626E (KA/DME) - 190406S 1170510E
201217S 1165217E
then along the counter clockwise arc of a circle radius 31.00NM centre
204254S 1164626E (KA/DME) - 202618S 1161830E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/PORT HEDLAND MANDATORY BROADCAST AREA 119.9

LATERAL LIMITS: A circle radius 20.00NM centre
202240S 1183735E
VERTICAL LIMITS: SFC - 8000
HOURS OF ACTIVITY: H24

YBBB/PROSERPINE GROUP BROADCAST AREA 126.7

LATERAL LIMITS: 203952S 1484504E
then along the clockwise arc of a circle radius 15.00NM centre
202949S 1483310E (PN/DME) - 201450S 1483454E
203212S 1485544E - 203952S 1484504E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/REDCLIFFE BROADCAST AREA 127.15

LATERAL LIMITS: 270959S 1525843E
then along the clockwise arc of a circle radius 15.00NM centre
272303S 1530703E - 270811S 1530937E
271529S 1530848E
then along the counter clockwise arc of a circle radius 7.00NM centre
272229S 1530804E - 271917S 1530104E
272058S 1530006E - 271700S 1525949E
271313S 1525916E
then along D`AGUILAR HWY 30 - 270959S 1525843E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/THE LAKES /OLD BAR /CAMDEN HAVEN BROADCAST AREA 118.1

LATERAL LIMITS: 314746S 1522103E - 312038S 1524203E
then along the clockwise arc of a circle radius 10.00NM centre
312609S 1525148E - 313004S 1530234E
314648S 1525416E
then along the clockwise arc of a circle radius 10.00NM centre
314253S 1524329E - 315005S 1525139E
320031S 1523900E
then along the clockwise arc of a circle radius 10.00NM centre
315319S 1523050E - 314746S 1522103E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YBBB/TORRES STRAIT BROADCAST AREA 126.5

LATERAL LIMITS: A circle radius 40.00NM centre
103511S 1421724E
VERTICAL LIMITS: SFC - 8500
HOURS OF ACTIVITY: H24

YBBB/TYAGARAH/MURWILLUMBAH BROADCAST AREA 127.55

LATERAL LIMITS: 281240S 1532550E - 281651S 1532755E
then along the counter clockwise arc of a circle radius 7.00NM centre
281008S 1533014E (CG/DME) - 281541S 1533505E
283919S 1533830E
then along the clockwise arc of a circle radius 30.00NM centre
281008S 1533014E (CG/DME) - 283859S 1532037E
282740S 1531506E - 281753S 1531740E
281240S 1532550E
VERTICAL LIMITS: SFC - BCTA
HOURS OF ACTIVITY: H24

YMMM/UPPER SPENCER GULF BROADCAST AREA 126.9

LATERAL LIMITS: 321306S 1372823E - 321306S 1374840E
331246S 1381955E - 332133S 1381955E
332133S 1371100E - 324300S 1370635E
321306S 1372823E
VERTICAL LIMITS: SFC - 5000
HOURS OF ACTIVITY: H24

YMMM/VICTOR 1 MANDATORY BROADCAST AREA 120.8

LATERAL LIMITS: 334438S 1511903E - 334439S 1512000E
340025S 1512007E
then along the clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 340507S 1511016E
340505S 1511015E
then along SY COAST 8 - 340434S 1511004E
340417S 1510922E
then along SY COAST 7 - 340234S 1510946E
340223S 1510946E - 340221S 1510948E
340220S 1511011E
then along SY COAST 6 - 340214S 1511321E
340207S 1511319E - 340206S 1511320E
340204S 1511331E
then along SY COAST 5 - 340108S 1511348E
340006S 1511500E - 335949S 1511501E
335945S 1511456E - 335940S 1511456E
335936S 1511457E - 335935S 1511508E
335807S 1511557E - 335334S 1511706E
then along SY COAST 4 - 335222S 1511704E
then along SY COAST 3 - 335003S 1511654E
334949S 1511705E
then along the counter clockwise arc of a circle radius 8.50NM centre
335638S 1511057E (SY/DME) - 334905S 1511542E
then along SY COAST 2 - 334807S 1511712E
334758S 1511726E
then along SY COAST 1 - 334438S 1511903E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

YBBB/WEST KIMBERLEY BROADCAST AREA 127.2

LATERAL LIMITS: 171449S 1220814E - 161831S 1225441E
160049S 1233614E - 160406S 1240050E
then along the clockwise arc of a circle radius 20.00NM centre
162400S 1235800E - 163548S 1241450E
165956S 1235638E - 170002S 1234959E
175048S 1222108E
then along the counter clockwise arc of a circle radius 9.00NM centre
175649S 1221405E (BRM/DME) - 174953S 1220802E
171449S 1220814E

VERTICAL LIMITS: SFC - BCTA or A100

HOURS OF ACTIVITY: H24

YBBB/WHITSUNDAY BROADCAST AREA 127.85

LATERAL LIMITS: 203212S 1485544E - 201450S 1483454E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 195940S 1485138E
194033S 1490311E
then along the clockwise arc of a circle radius 15.00NM centre
194800S 1491700E - 195333S 1493148E
203202S 1491741E
then along the clockwise arc of a circle radius 22.00NM centre
202104S 1485721E (OVRON/WPT) - 203952S 1484504E
203212S 1485544E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

YMMM/WILPENA BROADCAST AREA 126.7

LATERAL LIMITS: 310000S 1382000E - 310000S 1384500E
315500S 1384500E - 315500S 1382000E
310000S 1382000E

VERTICAL LIMITS: SFC - 5000

HOURS OF ACTIVITY: H24

YMMM/YARRA BANK BROADCAST AREA 132.1

LATERAL LIMITS: 374847S 1445419E - 374906S 1445812E
374924S 1445918E - 374944S 1445917E
374945S 1445726E
then along THE WESTGATE FWY - 374952S 1445343E
then along W BANK MARIBYRNONG RVR - 374847S 1445419E

VERTICAL LIMITS: SFC - BCTA

HOURS OF ACTIVITY: H24

SECTION 15 – HF AREA BOUNDARIES

YBBB-YMMM/INO-1 MWARA

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1100000E - 120000S 1232000E
122326S 1262303E - 173711S 1184534E
190000S 1150000E - 193036S 1133123E
215000S 1113000E - 311548S 1125625E
then along the counter clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 341113S 1141359E
362500S 1164000E - 364312S 1200000E
371038S 1250454E - 422100S 1410000E
434348S 1455148E - 433115S 1492130E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 060000S 0750000E
NOTES: 3476, 5634, 8879, 13306, 17961

YBBB-YMMM/NORTH EASTERN HF

LATERAL LIMITS: 150000S 1400000E - 095000S 1400000E
095000S 1410000E - 093700S 1410200E
091542S 1420330E
then along QLD/PNG BORDER - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E
then along THE BARRIER REEF - 113000S 1440136E
114330S 1440420E - 120000S 1440000E
120000S 1483424E - 160959S 1510621E
184027S 1510035E - 221521S 1520250E
231318S 1531430E - 245904S 1540031E
then along the clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 294913S 1534258E
304020S 1533146E - 325301S 1522631E
333004S 1515433E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 332539S 1503147E
320540S 1484951E - 290000S 1463200E
290000S 1433000E - 261331S 1382324E
221751S 1363807E - 215132S 1362225E
212959S 1361944E - 204356S 1361402E
190114S 1374020E - 172018S 1370918E
154212S 1371254E - 150836S 1382042E
145629S 1385236E - 150000S 1400000E
NOTES: 3452, 6610, 8831

YBBB-YMMM/NORTH WESTERN HF

LATERAL LIMITS: 173711S 1184534E - 102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1400000E - 150000S 1400000E
145629S 1385236E - 150836S 1382042E
154212S 1371254E - 172018S 1370918E
190114S 1374020E - 204356S 1361402E
212959S 1361944E - 211209S 1315024E
231313S 1282749E - 232349S 1260332E
213119S 1243304E - 200318S 1214022E
190000S 1201500E - 173711S 1184534E
NOTES: 3452, 6541, 8843

YBBB/SEA-3 MWARA (1)

LATERAL LIMITS: 120000S 1232000E - 122326S 1262303E
102053S 1291121E
then along the clockwise arc of a circle radius 160.00NM centre
122524S 1305423E (DN/DME) - 095000S 1313558E
095000S 1394000E - 070000S 1350000E
092000S 1265000E - 120000S 1232000E
NOTES: 3470, 6556, 11396, 13318, 17907

YBBB/SEA-3 MWARA (2)

LATERAL LIMITS: 120000S 1483424E - 160959S 1510621E
184027S 1510035E - 221521S 1520250E
231318S 1531430E - 244940S 1535622E
212250S 1630000E - 174000S 1630000E
140000S 1611500E - 140000S 1550000E
120000S 1550000E - 120000S 1483424E
NOTES: 3470, 6556, 11396, 13318, 17907

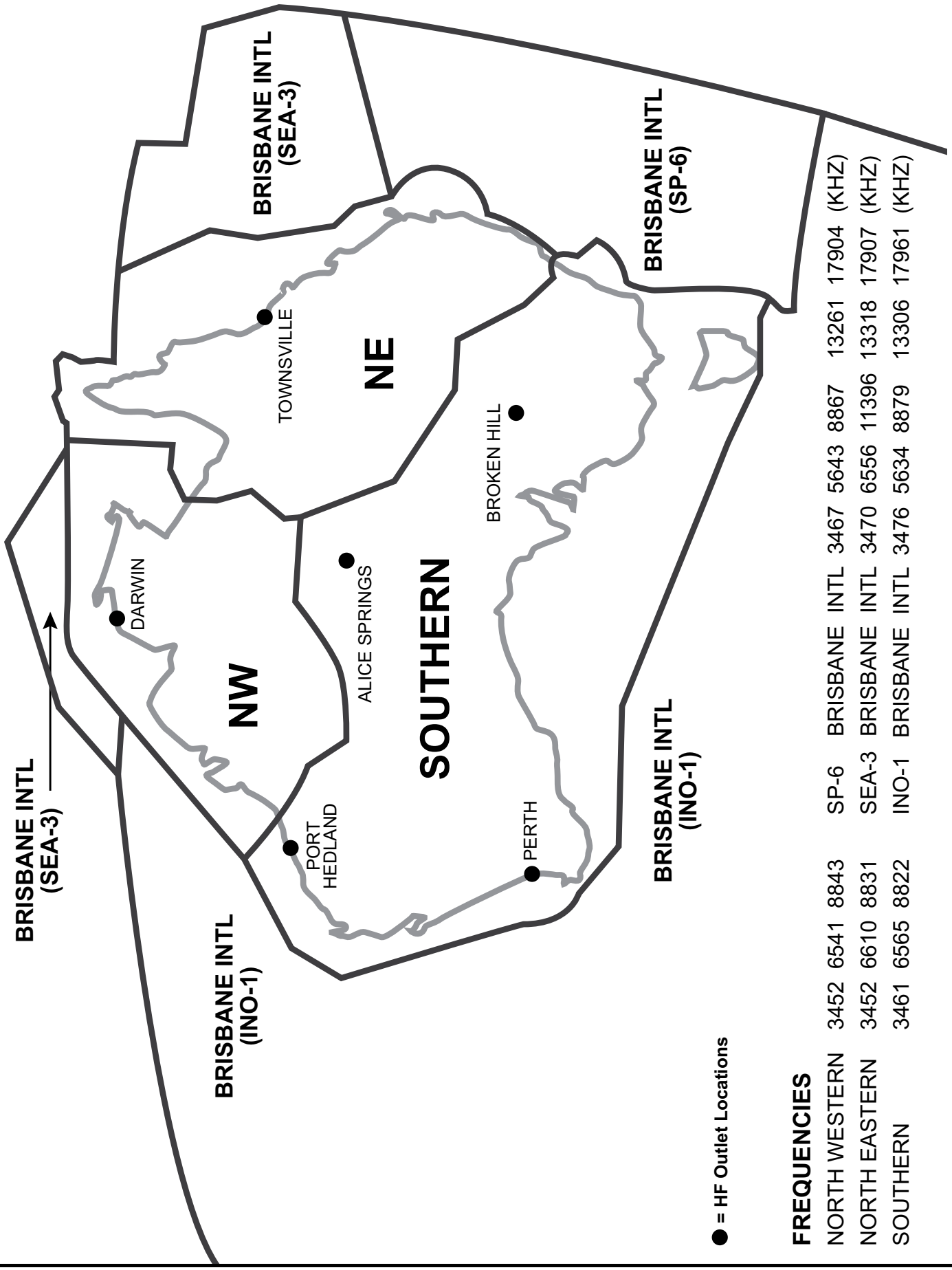
YBBB-YMMM/SOUTHERN HF

LATERAL LIMITS: 184759S 1153344E - 173711S 1184534E
190000S 1201500E - 200318S 1214022E
213119S 1243304E - 232349S 1260332E
231313S 1282749E - 211209S 1315024E
212959S 1361944E - 215132S 1362225E
221751S 1363807E - 261331S 1382324E
290000S 1433000E - 290000S 1463200E
320540S 1484951E - 332539S 1503147E
then along the clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 342822S 1514929E
351859S 1525550E
then along the clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 365643S 1504503E
381119S 1501914E - 430000S 1510000E
435103S 1503953E - 433115S 1492130E
434348S 1455148E - 422100S 1410000E
404446S 1350000E - 384355S 1290000E
371038S 1250454E - 364312S 1200000E
362500S 1164000E - 341113S 1141359E
then along the clockwise arc of a circle radius 160.00NM centre
315642S 1155734E (PH/DME) - 311548S 1125625E
215000S 1113000E - 193036S 1133123E
184759S 1153344E
NOTES: 3461, 6565, 8822

YBBB-YMMM/SP-6 MWARA

LATERAL LIMITS: 244940S 1535622E - 212250S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 381119S 1501914E
365643S 1504503E
then along the counter clockwise arc of a circle radius 120.00NM centre
345700S 1503200E (NWA/TAC) - 351859S 1525550E
342822S 1514929E
then along the counter clockwise arc of a circle radius 45.00NM centre
335638S 1511057E (SY/DME) - 333004S 1515433E
325301S 1522631E - 304020S 1533146E
294913S 1534258E
then along the counter clockwise arc of a circle radius 150.00NM centre
272157S 1530821E (BN/DME) - 245904S 1540031E
244940S 1535622E
NOTES: 3467, 5643, 8867, 13261, 17904

HF AREA BOUNDARIES DIAGRAM



SECTION 16 − BRIEFING AND METEOROLOGICAL AREA BOUNDARIES

PART 1: BRIEFING AND QNH AREA ZONE BOUNDARIES

Areas 98 and 99 are defined for NOTAM briefing purposes only (not QNH Area)

YBBB-YMMM/QNH AREA 20

LATERAL LIMITS: 324500S 1482300E - 290000S 1500000E
280237S 1544211E - 285000S 1550000E
342000S 1524000E - 335646S 1511038E
335528S 1505918E - 332434S 1493907E
324500S 1482300E

YBBB-YMMM/QNH AREA 21

LATERAL LIMITS: 361143S 1465529E - 324500S 1482300E
332434S 1493907E - 335528S 1505918E
335646S 1511038E - 342000S 1524000E
375252S 1505214E - 373014S 1495834E
361143S 1465529E

YBBB-YMMM/QNH AREA 22

LATERAL LIMITS: 290000S 1410000E - 290000S 1500000E
324500S 1482300E - 361143S 1465529E
333900S 1410000E - 290000S 1410000E

YBBB/QNH AREA 24

LATERAL LIMITS: 342000S 1524000E - 285000S 1550000E
283000S 1630000E - 312000S 1630000E
342000S 1524000E

YBBB-YMMM/QNH AREA 30

LATERAL LIMITS: 333900S 1410000E - 361143S 1465529E
373014S 1495834E - 375252S 1505214E
393412S 1501200E - 393412S 1425127E
393412S 1410000E - 333900S 1410000E

YBBB/QNH AREA 40

LATERAL LIMITS: 230922S 1474915E - 230921S 1525152E
280237S 1544211E - 290000S 1500000E
233400S 1481100E - 230922S 1474915E

YBBB-YMMM/QNH AREA 41

LATERAL LIMITS: 260000S 1380000E - 230922S 1380000E
230922S 1474915E - 233400S 1481100E
290000S 1500000E - 290000S 1410000E
260000S 1410000E - 260000S 1380000E

YBBB/QNH AREA 43

LATERAL LIMITS: 230922S 1380000E - 190000S 1380000E
181800S 1433200E - 230922S 1474915E
230922S 1380000E

YBBB/QNH AREA 44

LATERAL LIMITS: 181800S 1433200E - 181700S 1480000E
230921S 1525152E - 230922S 1474915E
181800S 1433200E

YBBB/QNH AREA 45

LATERAL LIMITS: 095000S 1410000E - 093700S 1410200E
091542S 1420330E - 091248S 1420624E
091154S 1420836E - 091200S 1421018E
091124S 1421254E - 091136S 1421406E
091354S 1421624E - 091606S 1422042E
092206S 1422942E - 092148S 1423130E
092236S 1423330E - 092124S 1423530E
092024S 1424142E - 092018S 1424354E
091924S 1424818E - 090800S 1435230E
092400S 1441400E - 095634S 1440521E
100515S 1435852E - 100850S 1435711E
101751S 1435445E - 102244S 1435525E
102638S 1435424E - 103110S 1435441E
103457S 1435536E - 104641S 1435959E
110224S 1440233E - 110637S 1440351E
111107S 1440421E - 111413S 1440338E
111510S 1440307E - 112935S 1440131E
114330S 1440420E - 120000S 1440000E
165945S 1473628E - 181700S 1480000E
181800S 1433200E - 190000S 1380000E
140000S 1380000E - 095000S 1410000E

YMMM/QNH AREA 50

LATERAL LIMITS: 353000S 1343000E - 344112S 1352220E
323000S 1374300E - 333900S 1410000E
393412S 1410000E - 353000S 1343000E

YMMM/QNH AREA 51

LATERAL LIMITS: 300000S 1350000E - 290000S 1410000E
333900S 1410000E - 323000S 1374300E
300000S 1350000E

YBBB-YMMM/QNH AREA 52

LATERAL LIMITS: 260000S 1290000E - 260000S 1380000E
260000S 1410000E - 290000S 1410000E
300000S 1350000E - 300000S 1290000E
260000S 1290000E

YMMM/QNH AREA 53

LATERAL LIMITS: 300000S 1290000E - 300000S 1350000E
323000S 1374300E - 344112S 1352220E
353000S 1343000E - 323000S 1310000E
330000S 1290000E - 300000S 1290000E

YMMM/QNH AREA 60

LATERAL LIMITS: 273000S 1123000E - 273000S 1180000E
321500S 1190000E - 333000S 1133000E
273000S 1123000E

YMMM/QNH AREA 61

LATERAL LIMITS: 321500S 1190000E - 273000S 1180000E
273000S 1233000E - 305024S 1233706E
321500S 1190000E

YMMM/QNH AREA 62

LATERAL LIMITS: 305024S 1233706E - 300000S 1290000E
330000S 1290000E - 350000S 1233000E
305024S 1233706E

YMMM/QNH AREA 63

LATERAL LIMITS: 333000S 1133000E - 321500S 1190000E
305024S 1233706E - 350000S 1233000E
361500S 1160000E - 333000S 1133000E

YMMM/QNH AREA 64

LATERAL LIMITS: 235248S 1233000E - 235248S 1290000E
300000S 1290000E - 305024S 1233706E
273000S 1233000E - 235248S 1233000E

YMMM/QNH AREA 65

LATERAL LIMITS: 235248S 1120549E - 235248S 1155905E
273000S 1180000E - 273000S 1123000E
235248S 1120549E

YMMM/QNH AREA 66

LATERAL LIMITS: 235248S 1155905E - 235248S 1233000E
273000S 1233000E - 273000S 1180000E
235248S 1155905E

YBBB-YMMM/QNH AREA 68

LATERAL LIMITS: 230000S 1120000E - 210000S 1130000E
180000S 1170000E - 180000S 1200000E
203000S 1233000E - 235248S 1233000E
235248S 1120549E - 230000S 1120000E

YBBB-YMMM/QNH AREA 69

LATERAL LIMITS: 180000S 1170000E - 140000S 1240000E
134506S 1260853E - 140000S 1273000E
145000S 1282500E - 145246S 1290000E
200000S 1290000E - 203000S 1233000E
180000S 1200000E - 180000S 1170000E

YMMM/QNH AREA 70

LATERAL LIMITS: 393412S 1425127E - 393412S 1501200E
430000S 1490000E - 443000S 1473000E
440000S 1450000E - 393412S 1425127E

YBBB/QNH AREA 80

LATERAL LIMITS: 092435S 1290000E - 095000S 1410000E
140000S 1380000E - 190000S 1380000E
155304S 1290000E - 145246S 1290000E
092435S 1290000E

YBBB-YMMM/QNH AREA 83

LATERAL LIMITS: 203000S 1233000E - 200000S 1290000E
235248S 1290000E - 235248S 1233000E
203000S 1233000E

YBBB-YMMM/QNH AREA 84

LATERAL LIMITS: 200000S 1290000E - 155304S 1290000E
190000S 1380000E - 230922S 1380000E
221500S 1290000E - 200000S 1290000E

YBBB-YMMM/QNH AREA 85

LATERAL LIMITS: 235248S 1290000E - 221500S 1290000E
230922S 1380000E - 260000S 1380000E
260000S 1290000E - 235248S 1290000E

YBBB/QNH AREA 86

LATERAL LIMITS: 105445S 1244628E - 092000S 1265000E
092435S 1290000E - 145246S 1290000E
145000S 1282500E - 140000S 1273000E
134506S 1260853E - 140000S 1240000E
105445S 1244628E

YBBB-YMMM/QNH AREA 87

LATERAL LIMITS: 180000S 1120000E - 150000S 1180000E
140000S 1240000E - 180000S 1170000E
180000S 1120000E

YMMM/QNH AREA 88

LATERAL LIMITS: 190000S 1100000E - 180000S 1120000E
180000S 1170000E - 210000S 1130000E
190000S 1100000E

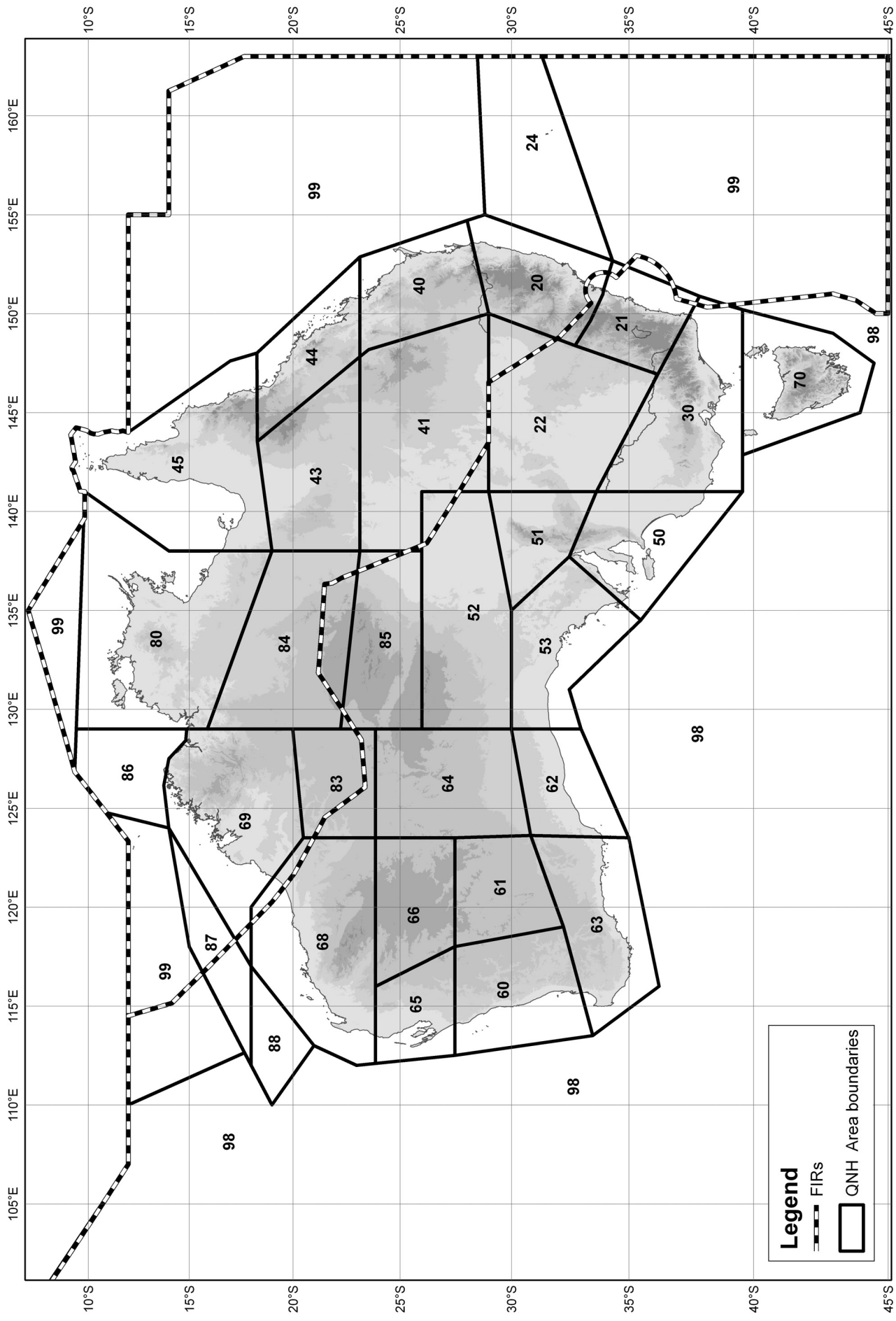
YBBB-YMMM/AREA98

LATERAL LIMITS: 060000S 0750000E - 020000S 0780000E
020000S 0920000E - 120000S 1070000E
120000S 1100000E - 174128S 1123836E
180000S 1120000E - 190000S 1100000E
210000S 1130000E - 230000S 1120000E
235248S 1120549E - 273000S 1123000E
333000S 1133000E - 361500S 1160000E
350000S 1233000E - 330000S 1290000E
323000S 1310000E - 353000S 1343000E
393412S 1410000E - 393412S 1425127E
440000S 1450000E - 443000S 1473000E
430000S 1490000E - 393412S 1501200E
385900S 1502612E - 430000S 1510000E
435103S 1503953E - 443357S 1500000E
450000S 1500000E - 450000S 1630000E
900000S 1630000E - 060000S 0750000E

YBBB-YMMM/AREA99

LATERAL LIMITS: 120000S 1100000E - 120000S 1232000E
105508S 1244558E - 105415S 1244605E
091930S 1264937E - 091950S 1265037E
070000S 1350000E - 094816S 1393705E
094946S 1405945E - 093643S 1410052E
091103S 1420940E - 090623S 1435238E
092334S 1441536E - 120000S 1441500E
120000S 1550000E - 140000S 1550000E
140000S 1611500E - 174000S 1630000E
282925S 1630000E - 283002S 1630039E
312001S 1630039E - 312034S 1630000E
450000S 1630000E - 450000S 1500000E
443357S 1500000E - 435103S 1503953E
430000S 1510000E - 385900S 1502612E
375252S 1505214E - 342000S 1524000E
312000S 1630000E - 283000S 1630000E
285000S 1550000E - 280237S 1544211E
230921S 1525152E - 181700S 1480000E
165945S 1473628E - 120000S 1440000E
114330S 1440420E - 112935S 1440131E
111510S 1440307E - 111413S 1440338E
111107S 1440421E - 110637S 1440351E
110224S 1440233E - 104641S 1435959E
103457S 1435536E - 103110S 1435441E
102638S 1435424E - 102244S 1435525E
101751S 1435445E - 100850S 1435711E
100515S 1435852E - 095634S 1440521E
092400S 1441400E - 090800S 1435230E
092003S 1424505E - 092018S 1424354E
092024S 1424142E - 092124S 1423530E
092236S 1423330E - 092148S 1423130E
092206S 1422942E - 091606S 1422042E
091354S 1421624E - 091136S 1421406E
091124S 1421254E - 091200S 1421018E
091154S 1420836E - 091248S 1420624E
091542S 1420330E - 093700S 1410200E
095000S 1410000E - 092435S 1290000E
092000S 1265000E - 105445S 1244628E
140000S 1240000E - 150000S 1180000E
174128S 1123836E - 120000S 1100000E

Briefing and QNH Area Zone Boundaries Map



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PART 2: GRAPHICAL AREA FORECAST BOUNDARIES

GAF NSW-E

LATERAL LIMITS: 280237S 1544211E - 285000S 1550000E
342000S 1524000E - 375252S 1505214E
373014S 1495834E - 361143S 1465529E
324500S 1482300E - 290000S 1500000E
280237S 1544211E

GAF NSW-W

LATERAL LIMITS: 290000S 1500000E - 324500S 1482300E
361143S 1465529E - 333900S 1410000E
290000S 1410000E - 290000S 1500000E

GAF NT

LATERAL LIMITS: 134506S 1260853E - 140000S 1240000E
105445S 1244628E - 092000S 1265000E
095000S 1410000E - 140000S 1380000E
260000S 1380000E - 260000S 1290000E
145246S 1290000E - 145000S 1282500E
140000S 1273000E - 134506S 1260853E

GAF QLD-N

LATERAL LIMITS: 181700S 1480000E - 230921S 1525152E
230922S 1474915E - 230922S 1380000E
140000S 1380000E - 095000S 1410000E
093700S 1410200E - 091542S 1420330E
091248S 1420624E - 091154S 1420836E
091200S 1421018E - 091124S 1421254E
091136S 1421406E - 091354S 1421624E
091606S 1422042E - 092206S 1422942E
092148S 1423130E - 092236S 1423330E
092124S 1423530E - 092024S 1424142E
092018S 1424354E - 091924S 1424818E
090800S 1435230E - 092400S 1441400E
095634S 1440521E - 100515S 1435852E
100850S 1435711E - 101751S 1435445E
102244S 1435525E - 102638S 1435424E
103110S 1435441E - 103457S 1435536E
104641S 1435959E - 110224S 1440233E
110637S 1440351E - 111107S 1440421E
111413S 1440338E - 111510S 1440307E
112935S 1440131E - 114330S 1440420E
120000S 1440000E - 165945S 1473628E
181700S 1480000E

GAF QLD-S

LATERAL LIMITS: 230921S 1525152E - 280237S 1544211E
290000S 1500000E - 290000S 1410000E
260000S 1410000E - 260000S 1380000E
230922S 1380000E - 230922S 1474915E
230921S 1525152E

GAF SA

LATERAL LIMITS: 260000S 1410000E - 393412S 1410000E
353000S 1343000E - 323000S 1310000E
330000S 1290000E - 260000S 1290000E
260000S 1410000E

GAF TAS

LATERAL LIMITS: 430000S 1490000E - 443000S 1473000E
440000S 1450000E - 393412S 1425127E
393412S 1501200E - 430000S 1490000E

GAF VIC

LATERAL LIMITS: 375252S 1505214E - 393412S 1501200E
393412S 1425127E - 393412S 1410000E
333900S 1410000E - 361143S 1465529E
373014S 1495834E - 375252S 1505214E

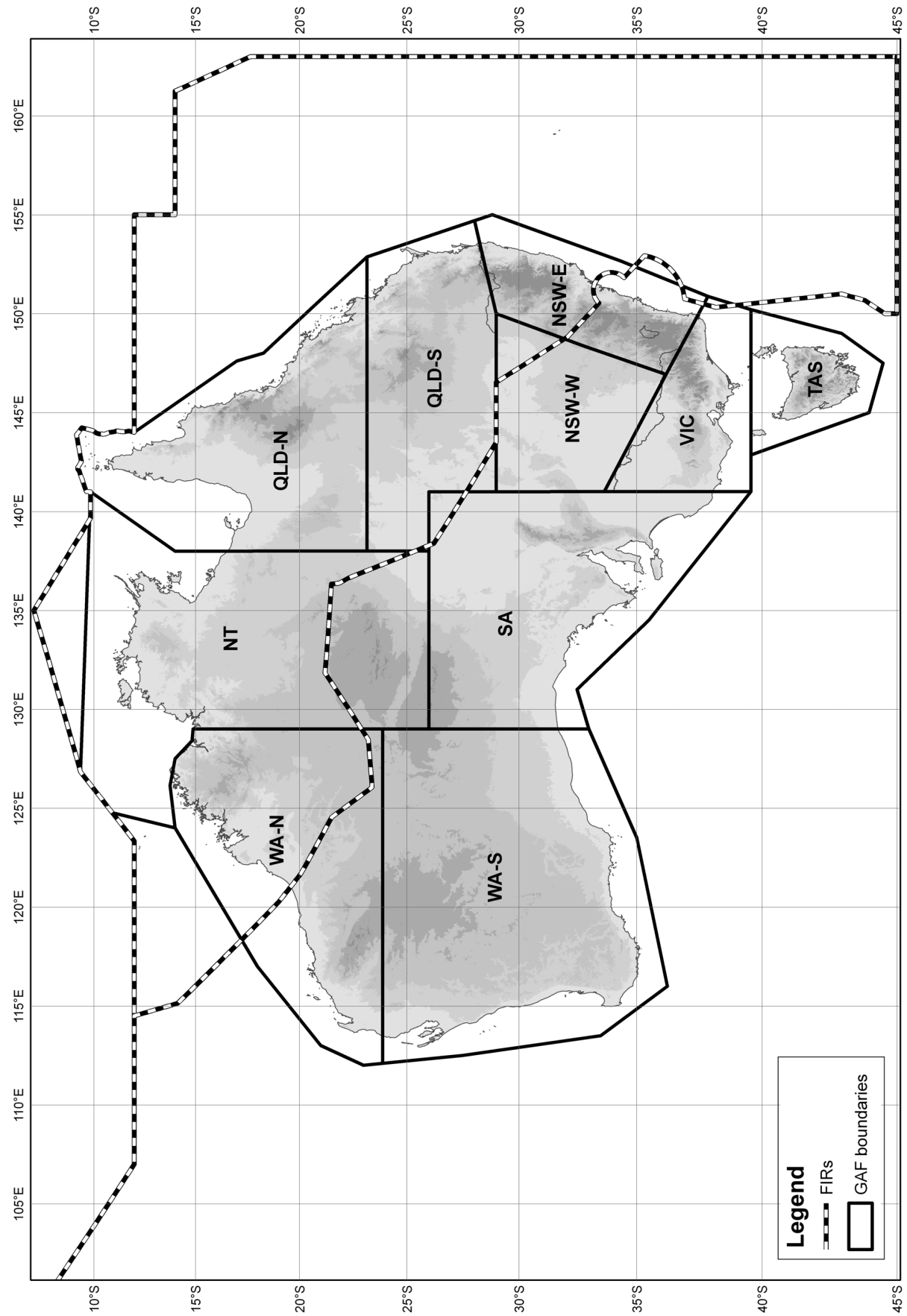
GAF WA-N

LATERAL LIMITS: 180000S 1170000E - 140000S 1240000E
134506S 1260853E - 140000S 1273000E
145000S 1282500E - 145246S 1290000E
235248S 1290000E - 235248S 1120549E
230000S 1120000E - 210000S 1130000E
180000S 1170000E

GAF WA-S

LATERAL LIMITS: 235248S 1120549E - 235248S 1290000E
330000S 1290000E - 350000S 1233000E
361500S 1160000E - 333000S 1133000E
273000S 1123000E - 235248S 1120549E

Graphical Area Forecast Boundaries Map



PART 3: LOW LEVEL GRID POINT WIND AND TEMPERATURE FORECAST BOUNDARIES

GPWT AUS

LATERAL LIMITS: 085848S 1550000E - 443000S 1550000E
443000S 1120000E - 085848S 1120000E
085848S 1550000E

GPWT NSW

LATERAL LIMITS: 280238S 1550000E - 380347S 1550000E
380347S 1410000E - 280238S 1410000E
280238S 1550000E

GPWT NT

LATERAL LIMITS: 092000S 1290000E - 092000S 1410000E
260000S 1410000E - 260000S 1290000E
092000S 1290000E

GPWT QLD-N

LATERAL LIMITS: 085848S 1525154E - 230922S 1525154E
230922S 1380000E - 085848S 1380000E
085848S 1525154E

GPWT QLD-S

LATERAL LIMITS: 290000S 1550000E - 290000S 1380000E
203600S 1380000E - 203600S 1550000E
290000S 1550000E

GPWT SA

LATERAL LIMITS: 260000S 1410000E - 393412S 1410000E
393412S 1290000E - 260000S 1290000E
260000S 1410000E

GPWT TIMS

LATERAL LIMITS: 182458S 1215820E - 091959S 1215819E
091959S 1322845E - 182458S 1322844E
182458S 1215820E

GPWT VT

LATERAL LIMITS: 443000S 1505216E - 443000S 1410000E
333900S 1410000E - 333900S 1505216E
443000S 1505216E

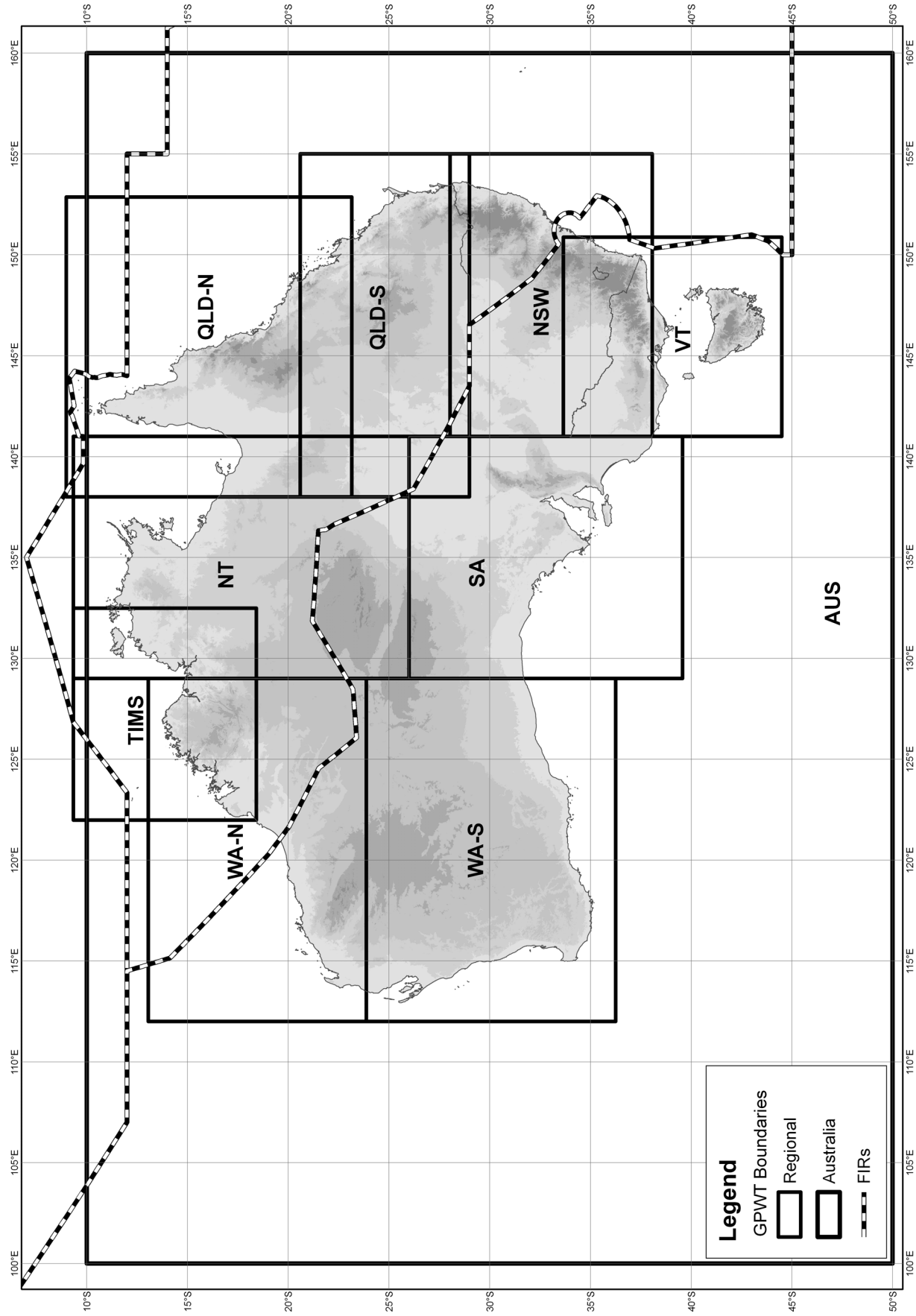
GPWT WA-N

LATERAL LIMITS: 130300S 1290000E - 235248S 1290000E
235248S 1120000E - 130300S 1120000E
130300S 1290000E

GPWT WA-S

LATERAL LIMITS: 235248S 1120000E - 235248S 1290000E
361500S 1290000E - 361500S 1120000E
235248S 1120000E

Low Level Grid Point Wind and Temperature Forecast Boundaries Map



SECTION 17 – CERTIFIED AERODROMES

AERODROME	STATE	IDENT	LOCATION	
ABRA MINE	WA	YABR	243727S	1183713E
ADELAIDE	SA	YPAD	345642S	1383150E
ADELAIDE/ PARAFIELD	SA	YPPF	344736S	1383759E
ALBANY	WA	YABA	345636S	1174832E
ALBURY	NSW	YMAY	360404S	1465729E
ALICE SPRINGS	NT	YBAS	234830S	1335403E
ALPHA	QLD	YAPH	233846S	1463501E
AMBERLEY	QLD	YAMB	273826S	1524243E
ARARAT	VIC	YARA	371834S	1425919E
ARGYLE	WA	YARG	163813S	1282705E
ARMIDALE	NSW	YARM	303141S	1513702E
AURUKUN	QLD	YAUR	132114S	1414315E
AVALON	VIC	YMAV	380222S	1442810E
AYERS ROCK/ CONNELLAN	NT	YAYE	251110S	1305832E
BAIRNSDALE	VIC	YBNS	375315S	1473404E
BALGO HILL	WA	YBGO	200854S	1275826E
BALLARAT	VIC	YBLT	373042S	1434728E
BALLERA	QLD	YLLE	272430S	1414830E
BALLINA/BYRON GATEWAY	NSW	YBNA	285002S	1533345E
BALRANALD	NSW	YBRN	343725S	1433442E
BARCALDINE	QLD	YBAR	233355S	1451824E
BARIMUNYA	WA	YBRY	224026S	1190958E
BARROW ISLAND	WA	YBWX	205152S	1152422E
BATHURST	NSW	YBTH	332434S	1493907E
BATHURST ISLAND	NT	YBTI	114609S	1303711E
BEDOURIE	QLD	YBIE	242046S	1392737E
BELLEVUE	WA	YBLU	273646S	1203538E
BENALLA	VIC	YBLA	363315S	1460033E
BENDIGO	VIC	YBDG	364421S	1441947E
BIRCHIP	VIC	YBIR	355959S	1425503E
BIRDSVILLE	QLD	YBDV	255351S	1392051E
BLACKALL	QLD	YBCK	242540S	1452543E
BOOLGEEDA	WA	YBGD	223228S	1171610E
BOULIA	QLD	YBOU	225448S	1395359E
BOURKE	NSW	YBKE	300219S	1455707E
BOWEN	QLD	YBWN	200104S	1481255E
BREWARRINA	NSW	YBRW	295826S	1464900E
BRISBANE	QLD	YBBN	272303S	1530703E
BRISBANE WEST WELLCAMP	QLD	YBWW	273331S	1514739E
BRISBANE/ ARCHERFIELD	QLD	YBAF	273413S	1530029E
BROKEN HILL	NSW	YBHI	320005S	1412818E
BROOME/INTL	WA	YBRM	175658S	1221340E
BUNBURY	WA	YBUN	332241S	1154037E
BUNDABERG	QLD	YBUD	245414S	1521907E
BURKETOWN	QLD	YBKT	174455S	1393204E
BUSSELTON	WA	YBLN	334114S	1152401E
CAIRNS/CAIRNS INTL	QLD	YBCS	165309S	1454519E
CAMDEN	NSW	YSCN	340225S	1504112E
CAMOOWEAL	QLD	YCMW	195442S	1380730E
CANBERRA	ACT	YSCB	351825S	1491142E
CAPE PRESTON	WA	YCPR	205838S	1161630E
CARNARVON	WA	YCAR	245250S	1134020E
CAROSUE DAM	WA	YSCD	301025S	1221920E
CARRAPATEENA	SA	YCPT	311830S	1372636E
CEDUNA	SA	YCDU	320750S	1334235E
CENTURY MINE	QLD	YCNY	184512S	1384224E
CESSNOCK	NSW	YCNK	324710S	1512022E
CHARLEVILLE	QLD	YBCV	262448S	1461545E
CHARTERS TOWERS	QLD	YCHT	200237S	1461620E
CHILLAGOE	QLD	YCGO	170827S	1443142E
CHINCHILLA	QLD	YCCA	264610S	1503700E
CHRISTMAS CREEK	WA	YCHK	222121S	1193833E
CHRISTMAS ISLAND	OTH	YPXM	102702S	1054125E
CLERMONT	QLD	YCMT	224623S	1473714E
CLEVE	SA	YCEE	334235S	1363017E
CLONCURRY	QLD	YCCY	204007S	1403016E
COBAR	NSW	YCBA	313218S	1454738E
COCOS (KEELING) ISLANDS	OTH	YPCC	121119S	0964950E
COEN	QLD	YCOE	134543S	1430700E
COFFS HARBOUR	NSW	YCFS	301914S	1530659E
CONDOBOLIN	NSW	YCDO	330352S	1471233E
COOBER PEDY	SA	YCBP	290224S	1344315E
COOKTOWN	QLD	YCKN	152641S	1451104E
COOMA - SNOWY MOUNTAINS	NSW	YCOM	361802S	1485826E
COONABARABRAN	NSW	YCBB	311957S	1491602E
COONAMBLE	NSW	YCNM	305900S	1482232E
COONDEWANNA	WA	YCWA	225800S	1184848E
COOTAMUNDRA	NSW	YCTM	343728S	1480209E
COROWA	NSW	YCOR	355925S	1462105E
CORRYONG	VIC	YCRG	361058S	1475316E
COWRA	NSW	YCWR	335041S	1483856E
CROKER ISLAND	NT	YCKI	110955S	1322902E
CUE	WA	YCUE	272648S	1175507E
CUNDERDIN	WA	YCUN	313720S	1171300E
CUNNAMULLA	QLD	YCMU	280148S	1453720E
CURTIN	WA	YCIN	173453S	1234942E
DALGARANGA MINE	WA	YDGA	274947S	1171859E
DARWIN	NT	YPDN	122453S	1305236E
DEGRUSSA	WA	YDGU	253327S	1191715E
DELAMERE RANGE FACILITY	NT	YDWF	154449S	1315510E
DENILIQUIN	NSW	YDLQ	353334S	1445647E
DERBY	WA	YDBY	172212S	1233938E
DEVONPORT	TAS	YDPO	411011S	1462549E
DIRRANBANDI	QLD	YDBI	283530S	1481300E
DJARINDJIN/ LOMBADINA	WA	YLBD	163055S	1225525E
DONALD	VIC	YDOD	362137S	1430027E
DOOMADGEE	QLD	YDMG	175613S	1384859E
DUBBO	NSW	YSDU	321300S	1483429E
DUKETON GOLD	WA	YDKG	273607S	1222002E
EAST JAURDI	WA	YEJI	304610S	1201843E
EAST SALE	VIC	YMES	380556S	1470858E
ECHUCA	VIC	YECH	360926S	1444543E
EDINBURGH	SA	YPED	344209S	1383715E
ELCHO ISLAND	NT	YELD	120110S	1353414E
ELIWANA	WA	YEWA	222544S	1165314E
EMERALD	QLD	YEML	233404S	1481045E
ESPERANCE	WA	YESP	334104S	1214922E
FITZROY CROSSING	WA	YFTZ	181055S	1253331E
FLINDERS ISLAND	TAS	YFLI	400529S	1475934E
FORBES	NSW	YFBS	332149S	1475606E
FORREST	WA	YFRT	305017S	1280654E
FORRESTANIA	WA	YFTA	323442S	1194224E
FORTESCUE DAVE FORREST	WA	YFDF	221731S	1192614E
GARDEN POINT	NT	YGPT	112357S	1302531E
GAYNDAH	QLD	YGAY	253655S	1513715E
GEORGETOWN (QLD)	QLD	YGTN	181812S	1433151E
GERALDTON	WA	YGEL	284746S	1144227E
GINBATA	WA	YGIA	223452S	1200208E
GINGIN	WA	YGIG	312755S	1155148E
GLADSTONE	QLD	YGLA	235211S	1511322E

AERODROME	STATE	IDENT	LOCATION	
GLEN INNES	NSW	YGLI	294030S	1514122E
GNOWANGERUP	WA	YGNW	335837S	1180040E
GOLD COAST	QLD	YBCG	280952S	1533017E
GOLDEN GROVE	WA	YGGE	284554S	1165818E
GOODOOGA	NSW	YGDA	290424S	1472234E
GOONDIWINDI	QLD	YGDI	283117S	1501913E
GOULBURN	NSW	YGLB	344837S	1494335E
GOVE	NT	YPGV	121609S	1364906E
GRAFTON	NSW	YGFN	294534S	1530148E
GRIFFITH	NSW	YGTH	341503S	1460402E
GROOTE EYLANDT	NT	YGTE	135824S	1362739E
GRUYERE	WA	YGRM	280203S	1234851E
GUDAI-DARRI MINE	WA	YKDD	223019S	1190434E
GUNNEDAH	NSW	YGDH	305740S	1501502E
HALLS CREEK	WA	YHLC	181402S	1274011E
HAMILTON	VIC	YHML	373856S	1420355E
HAMILTON ISLAND	QLD	YBHM	202129S	1485706E
HAY	NSW	YHAY	343153S	1444947E
HERVEY BAY	QLD	YHBA	251908S	1525249E
HOBART	TAS	YMHB	425010S	1473037E
HOLSWORTHY	NSW	YSHW	335942S	1505709E
HOPETOUN	VIC	YHPN	354255S	1422135E
HORN ISLAND	QLD	YHID	103511S	1421724E
HORSHAM	VIC	YHSM	364011S	1421022E
HUGHENDEN	QLD	YHUG	204854S	1441331E
INNISFAIL/MUNDOO	QLD	YIFL	173331S	1460042E
INVERELL	NSW	YIVL	295318S	1510839E
IRON BRIDGE MINE	WA	YIBO	211712S	1185259E
IVANHOE	NSW	YIVO	325305S	1441842E
JABIRU	NT	YJAB	123930S	1325335E
JACINTH AMBROSIA	SA	YJAC	305404S	1321101E
JERVIS BAY	NSW	YJBY	350851S	1504155E
JULIA CREEK	QLD	YJLC	204006S	1414321E
JUNDEE	WA	YJUN	262516S	1203439E
KALBARRI	WA	YKBR	274131S	1141534E
KALGOORLIE-BOULDER	WA	YPKG	304722S	1212742E
KALKGURUNG	NT	YKKG	172555S	1304829E
KAMBALDA	WA	YKBL	311126S	1213554E
KARARA	WA	YKAR	291258S	1164112E
KARLAWINDA MINE	WA	YKWA	234652S	1200806E
KARRATHA	WA	YPKA	204244S	1164624E
KARUMBA	QLD	YKMB	172720S	1404954E
KATANNING	WA	YKNG	334201S	1173912E
KEMPSEY	NSW	YKMP	310428S	1524611E
KENS BORE	WA	YKBA	220925S	1160926E
KERANG	VIC	YKER	354505S	1435622E
KIMBA	SA	YIMB	330526S	1362752E
KING ISLAND	TAS	YKII	395239S	1435242E
KINGAROY	QLD	YKRY	263451S	1515028E
KINGSCOTE/ KANGAROO ISLAND	SA	YKSC	354250S	1373117E
KOOLAN ISLAND/ KOOLAN CENTRAL	WA	YKLC	160733S	1234405E
KOWANYAMA	QLD	YKOW	152908S	1414505E
KUNUNURRA	WA	YPKU	154641S	1284227E
LAKE CARGELLIGO	NSW	YLCG	331642S	1462209E
LAKE EVELLA	NT	YLEV	122956S	1354821E
LATROBE VALLEY	VIC	YLTV	381226S	1462813E
LAUNCESTON	TAS	YMLT	413243S	1471251E
LAVERTON	WA	YLTN	283649S	1222526E
LEARMONTH	WA	YPLM	221408S	1140519E
LEIGH CREEK	SA	YLEC	303554S	1382533E
LEINSTER	WA	YLST	275036S	1204212E
LEONORA	WA	YLEO	285241S	1211853E
LIGHTNING RIDGE	NSW	YLRD	292724S	1475904E
LISMORE	NSW	YLIS	284936S	1531527E
LOCKHART RIVER	QLD	YLHR	124713S	1431817E
LONGREACH	QLD	YLRE	232603S	1441649E
LORD HOWE ISLAND	NSW	YLHI	313218S	1590438E
MACKAY	QLD	YBMK	211017S	1491047E
MAITLAND (NSW)	NSW	YMND	324215S	1512920E
MALLACOOTA	VIC	YMCO	373556S	1494315E
MANGALORE	VIC	YMNG	365318S	1451103E
MANINGRIDA	NT	YMGD	120322S	1341403E
MANJIMUP	WA	YMJM	341555S	1160825E
MARBLE BAR	WA	YMBL	210945S	1195023E
MAREEBA	QLD	YMBA	170414S	1452526E
MARYBOROUGH (QLD)	QLD	YMYB	253048S	1524254E
MCARTHUR RIVER MINE	NT	YMHU	162636S	1360436E
MEEKATHARRA	WA	YMEK	263642S	1183252E
MELBOURNE	VIC	YMML	374024S	1445036E
MELBOURNE/ ESSENDON	VIC	YMEN	374341S	1445407E
MELBOURNE/ MOORABBIN	VIC	YMMB	375833S	1450608E
MERIMBULA	NSW	YMER	365431S	1495405E
MILDURA	VIC	YMIA	341345S	1420508E
MILES	QLD	YMLS	264822S	1501011E
MILINGIMBI	NT	YMGB	120540S	1345337E
MOOMBA	SA	YOOM	280558S	1401149E
MORANBAH	QLD	YMRB	220328S	1480439E
MORAWA	WA	YMRW	291205S	1160119E
MOREE	NSW	YMOR	292956S	1495041E
MORNINGTON ISLAND	QLD	YMTI	163945S	1391041E
MORUYA	NSW	YMRY	355351S	1500844E
MOUNT GAMBIER	SA	YMTG	374444S	1404707E
MOUNT GORDON	QLD	YGON	194619S	1392404E
MOUNT HOLLAND	WA	YMHL	320630S	1194536E
MOUNT HOTHAM	VIC	YHOT	370254S	1472003E
MOUNT ISA	QLD	YBMA	203950S	1392919E
MOUNT KEITH	WA	YMNE	271711S	1203317E
MOUNT MAGNET	WA	YMOG	280658S	1175030E
MUDGEE	NSW	YMDG	323345S	1493640E
MURRIN MURRIN	WA	YMMI	284219S	1215326E
NARACOORTE	SA	YNRC	365907S	1404330E
NARRABRI	NSW	YNBR	301909S	1494938E
NARRANDERA	NSW	YNAR	344208S	1463044E
NARROMINE	NSW	YNRM	321252S	1481329E
NEWMAN	WA	YNWN	232504S	1194810E
NGUKURR	NT	YNGU	144322S	1344451E
NHILL	VIC	YNHL	361840S	1413840E
NIFTY	WA	YCNF	214025S	1213541E
NORFOLK ISLAND	OTH	YSNF	290233S	1675617E
NORMANTON	QLD	YNTN	174106S	1410413E
NORTHERN PENINSULA	QLD	YNPE	105703S	1422734E
NOVA	WA	YNOV	315043S	1231131E
NOWRA	NSW	YSNW	345656S	1503213E
NUMBULWAR	NT	YNUM	141618S	1354300E
NYNGAN	NSW	YNYN	313304S	1471210E
OAKEY	QLD	YBOK	272441S	1514407E
OENPELLI	NT	YOEN	121931S	1330020E
OLYMPIC DAM	SA	YOLD	302906S	1365236E
ONSLOW	WA	YOLW	214006S	1150647E
ORANGE	NSW	YORG	332241S	1490732E
ORBOST	VIC	YORB	374725S	1483635E
OSBORNE MINE	QLD	YOSB	220454S	1403324E
PALM ISLAND	QLD	YPAM	184519S	1463453E
PARABURDOO	WA	YPBO	231016S	1174443E
PARKES	NSW	YPKS	330753S	1481421E
PEARCE	WA	YPEA	314004S	1160054E
PERTH	WA	YPPH	315625S	1155801E
PERTH/JANDAKOT	WA	YPJT	320551S	1155252E
PETERBOROUGH/ GREAT OCEAN ROAD	VIC	YPBH	383624S	1425422E
PLUTONIC	WA	YPLU	251900S	1192524E

AERODROME	STATE	IDENT	LOCATION	
POINT COOK	VIC	YMPC	375556S	1444512E
POONCARIE	NSW	YPCE	332223S	1423506E
PORMPURAAW	QLD	YPMP	145351S	1413639E
PORT AUGUSTA	SA	YPAG	323025S	1374300E
PORT HEDLAND	WA	YPPD	202240S	1183735E
PORT HEDLAND/ WODGINA	WA	YWGA	210209S	1183837E
PORT KEATS	NT	YPKT	141500S	1293145E
PORT LINCOLN	SA	YPLC	343619S	1355249E
PORT MACQUARIE	NSW	YPMQ	312609S	1525148E
PORT PIRIE	SA	YPIR	331420S	1375942E
PORTLAND	VIC	YPOD	381905S	1412816E
PROMINENT HILL	SA	YPMH	294304S	1353128E
PROSERPINE/ WHITSUNDAY COAST	QLD	YBPN	202942S	1483308E
QUILPIE	QLD	YQLP	263631S	1441526E
QUIRINDI	NSW	YQDI	312955S	1503105E
RAMINGINING	NT	YRNG	122123S	1345351E
RAVENSTHORPE	WA	YNRV	334750S	1201229E
RENMARK	SA	YREN	341147S	1404026E
RICHMOND (NSW)	NSW	YSRI	333602S	1504651E
RICHMOND (QLD)	QLD	YRMD	204207S	1430653E
ROBINVALE	VIC	YROI	343902S	1424658E
ROCKHAMPTON	QLD	YBRK	232255S	1502831E
ROMA	QLD	YROM	263243S	1484630E
ROTTNEST ISLAND	WA	YRTI	320024S	1153223E
SAIBAI ISLAND	QLD	YSII	092242S	1423730E
SAINT GEORGE	QLD	YSGE	280259S	1483543E
SAINT HELENS	TAS	YSTH	412012S	1481655E
SCHERGER (RAAF)	QLD	YBSG	123726S	1420514E
SCONE	NSW	YSCO	320214S	1504956E
SHARK BAY	WA	YSHK	255338S	1133438E
SHELLHARBOUR AIRPORT	NSW	YSHL	343340S	1504719E
SHEPPARTON	VIC	YSHT	362544S	1452333E
SNAKE BAY	NT	YSNK	112522S	1303913E
SOLOMON	WA	YSOL	221517S	1175058E
SOUTH GOULBURN ISLAND	NT	YGBI	113902S	1332255E
SOUTHERN CROSS	WA	YSCR	311425S	1192135E
ST ARNAUD	VIC	YSTA	363812S	1431109E
STANTHORPE	QLD	YSPE	283713S	1515926E
STAWELL	VIC	YSWL	370418S	1424425E
STRAHAN	TAS	YSRN	420920S	1451729E
STREAKY BAY	SA	YKBY	325009S	1341734E
SUNRISE DAM	WA	YSRD	290554S	1222719E
SUNSHINE COAST	QLD	YBSU	263612S	1530528E
SWAN HILL	VIC	YSWH	352233S	1433158E
SYDNEY/ BANKSTOWN	NSW	YSBK	335528S	1505918E
SYDNEY/ KINGSFORD SMITH	NSW	YSSY	335646S	1511038E
TAMWORTH	NSW	YSTW	310502S	1505048E
TAREE	NSW	YTRE	315319S	1523050E
TAROOM	QLD	YTAM	254807S	1495358E
TELFER	WA	YTEF	214254S	1221342E
TEMORA	NSW	YTEM	342517S	1473042E
TENNANT CREEK	NT	YTNK	193804S	1341100E
THANGOOL	QLD	YTNG	242938S	1503434E
THARGOMINDAH	QLD	YTGM	275911S	1434839E
THE GRANITES	NT	YTGT	203254S	1302100E
THE MONUMENT	QLD	YTMO	214843S	1395524E
THEODORE	QLD	YTDR	245911S	1500535E
THUNDERBOX	WA	YTHN	280914S	1205621E
TIBOOBURRA	NSW	YTIB	292704S	1420328E
TINDAL	NT	YPTN	143116S	1322240E
TOCUMWAL	NSW	YTOC	354839S	1453615E
TOOWOOMBA	QLD	YTWB	273229S	1515445E
TOWNSVILLE/ TOWNSVILLE INTL	QLD	YBTL	191509S	1464555E
TREPELL	QLD	YTEE	215006S	1405317E
TROPICANA	WA	YTRA	291112S	1243301E
TROUGHTON ISLAND	WA	YTTI	134506S	1260854E
TRUSCOTT-MUNGALALU	WA	YTST	140523S	1262251E
TUMBY BAY	SA	YTBB	342140S	1360542E
TUMUT	NSW	YTMU	351546S	1481427E
WAGGA WAGGA	NSW	YSWG	350955S	1472759E
WALGETT	NSW	YWLG	300158S	1480733E
WANGARATTA	VIC	YWGT	362457S	1461825E
WARBURTON	WA	YWBR	260742S	1263500E
WARRACKNABEAL	VIC	YWKB	361916S	1422510E
WARREN	NSW	YWRN	314400S	1474809E
WARRNAMBOOL	VIC	YWBL	381743S	1422648E
WARWICK	QLD	YWCK	280858S	1515635E
WEIPA	QLD	YBWP	124043S	1415531E
WENTWORTH	NSW	YWTO	340516S	1415331E
WEST ANGELAS	WA	YANG	230806S	1184224E
WEST MUSGRAVE	WA	YWMO	260311S	1274127E
WEST SALE	VIC	YWSL	380530S	1465755E
WEST WYALONG	NSW	YWWL	335614S	1471129E
WHITE CLIFFS	NSW	YWHC	305105S	1430424E
WHYALLA	SA	YWHA	330332S	1373052E
WILCANNIA	NSW	YWCA	313110S	1432252E
WILLIAMTOWN	NSW	YWLM	324742S	1515004E
WILUNA	WA	YWLU	263745S	1201314E
WINDARLING	WA	YWDG	300155S	1192314E
WINDORAH	QLD	YWDH	252447S	1424002E
WINTON	QLD	YWTN	222149S	1430508E
WOODIE WOODIE	WA	YWWI	213843S	1211130E
WOOMERA	SA	YPWR	310839S	1364901E
WUDINNA	SA	YWUD	330236S	1352650E
WYCHEPROOF	VIC	YWYF	360332S	1431436E
WYNDHAM	WA	YWYM	153041S	1280911E
WYNYARD	TAS	YWYY	405956S	1454352E
YARRAM	VIC	YYRM	383403S	1464516E
YARRAWONGA	VIC	YYWG	360150S	1460140E
YORKE ISLAND	QLD	YYKI	094512S	1432418E
YOUNG	NSW	YYNG	341520S	1481453E

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SECTION 18 – CERTIFIED AERODROMES THRESHOLD DATA

AD	BRG(T)	RWY	LAT	LONG
ABRA MINE	106.04	11	243720.90S	1183641.20E
ABRA MINE	286.03	29	243737.06S	1183742.71E
ADELAIDE	50.17	05	345727.54S	1383106.50E
ADELAIDE	230.15	23	345626.23S	1383235.75E
ADELAIDE	123.51	12	345628.17S	1383118.90E
ADELAIDE	303.51	30	345657.77S	1383213.19E
ADELAIDE/ PARAFIELD	28.23	03R	344807.73S	1383803.61E
ADELAIDE/ PARAFIELD	208.23	21L	344731.13S	1383827.43E
ADELAIDE/ PARAFIELD	84.80	08L	344736.69S	1383729.14E
ADELAIDE/ PARAFIELD	264.80	26R	344733.87S	1383806.69E
ADELAIDE/ PARAFIELD	84.80	08R	344744.01S	1383723.93E
ADELAIDE/ PARAFIELD	264.79	26L	344741.09S	1383802.79E
ADELAIDE/ PARAFIELD	28.25	03L	344813.52S	1383750.30E
ADELAIDE/ PARAFIELD	208.25	21R	344734.96S	1383815.42E
ALBANY	44.86	05	345649.66S	1174820.92E
ALBANY	224.86	23	345624.44S	1174851.40E
ALBANY	134.73	14	345624.37S	1174812.42E
ALBANY	314.72	32	345705.49S	1174902.84E
ALBURY	81.19	07	360405.07S	1465656.01E
ALBURY	261.18	25	360355.62S	1465811.07E
ALICE SPRINGS	120.25	12	234803.71S	1335336.10E
ALICE SPRINGS	300.25	30	234843.63S	1335450.50E
ALICE SPRINGS	178.24	17	234750.20S	1335311.54E
ALICE SPRINGS	358.24	35	234826.94S	1335312.77E
ALPHA	187.97	18	233847.50S	1463500.95E
ALPHA	7.97	36	233934.43S	1463453.82E
AMBERLEY	54.32	04	273840.60S	1524228.33E
AMBERLEY	234.32	22	273811.72S	1524313.49E
AMBERLEY	158.74	15	273718.13S	1524218.98E
AMBERLEY	338.73	33	273850.39S	1524259.30E
ARARAT	126.02	12	371829.38S	1425907.30E
ARARAT	306.01	30	371853.03S	1425948.03E
ARARAT	54.91	04	371839.51S	1425912.88E
ARARAT	234.91	22	371827.08S	1425935.03E
ARGYLE	21.48	01	163841.11S	1282647.77E
ARGYLE	201.47	19	163731.56S	1282716.15E
ARMIDALE	58.44	05	303158.65S	1513632.86E
ARMIDALE	238.43	23	303129.14S	1513728.34E
ARMIDALE	97.02	09	303126.64S	1513637.38E
ARMIDALE	277.02	27	303131.06S	1513718.84E
AURUKUN	160.61	16	132054.13S	1414304.71E
AURUKUN	340.60	34	132132.79S	1414318.61E
AVALON	187.59	18	380138.00S	1442809.95E
AVALON	7.59	36	380315.98S	1442753.44E
AYERS ROCK/ CONNELLAN	129.51	13	251041.08S	1305800.16E
AYERS ROCK/ CONNELLAN	309.50	31	251134.80S	1305911.76E
BAIRNSDALE	144.92	13	375300.24S	1473356.76E
BAIRNSDALE	324.91	31	375322.85S	1473416.80E
BAIRNSDALE	55.13	04	375325.20S	1473351.58E
BAIRNSDALE	235.12	22	375304.84S	1473428.44E
BALGO HILL	146.73	15	200849.66S	1275821.32E
BALGO HILL	326.73	33	200933.44S	1275851.74E
BALLARAT	61.79	05	373045.33S	1434711.28E
BALLARAT	241.79	23	373025.93S	1434756.68E
BALLARAT	134.61	13	373019.58S	1434714.64E
BALLARAT	314.61	31	373032.53S	1434731.12E
BALLARAT	188.77	18	373024.88S	1434741.76E
BALLARAT	8.77	36	373104.80S	1434734.03E
BALLERA	39.65	03	272442.98S	1414812.78E
BALLERA	219.64	21	272357.90S	1414854.63E
BALLINA/BYRON GATEWAY	73.49	06	285008.65S	1533306.51E
BALLINA/BYRON GATEWAY	253.48	24	284951.11S	1533413.70E
BALRANALD	88.38	08	343718.77S	1433432.93E
BALRANALD	268.37	26	343718.17S	1433458.49E
BALRANALD	185.55	18	343710.23S	1433439.91E
BALRANALD	5.55	36	343748.53S	1433435.41E
BARCALDINE	16.36	01	233422.04S	1451800.13E
BARCALDINE	196.35	19	233328.96S	1451817.02E
BARCALDINE	139.23	14	233339.98S	1451815.76E
BARCALDINE	319.23	32	233407.43S	1451841.44E
BARIMUNYA	105.07	10	224020.44S	1190927.26E
BARIMUNYA	285.07	28	224036.33S	1191030.85E
BARROW ISLAND	26.55	03	205208.28S	1152409.46E
BARROW ISLAND	206.54	21	205113.02S	1152438.83E
BATHURST	90.85	08	332424.15S	1493857.36E
BATHURST	270.84	26	332424.78S	1493948.38E
BATHURST	176.19	17	332402.80S	1493902.54E
BATHURST	356.19	35	332457.99S	1493906.92E
BATHURST ISLAND	149.96	15	114531.23S	1303643.95E
BATHURST ISLAND	329.96	33	114612.84S	1303708.37E
BEDOURIE	145.98	14	242017.52S	1392715.78E
BEDOURIE	325.98	32	242106.23S	1392751.67E
BELLEVUE	7.09	01	273717.99S	1203535.42E
BELLEVUE	187.09	19	273613.53S	1203544.42E
BENALLA	94.43	08	363306.98S	1460024.26E
BENALLA	274.42	26	363309.59S	1460106.06E
BENALLA	175.09	17	363259.01S	1460016.65E
BENALLA	355.09	35	363322.22S	1460019.12E
BENDIGO	60.78	05	364428.90S	1441926.13E
BENDIGO	240.78	23	364416.74S	1441953.14E
BENDIGO	181.93	17	364342.45S	1441949.70E
BENDIGO	1.93	35	364434.31S	1441947.53E
BIRCHIP	51.70	04	360001.53S	1425450.00E
BIRCHIP	231.65	22	355941.80S	1425520.69E
BIRCHIP	97.64	09	360002.03S	1425454.57E
BIRCHIP	277.64	27	360004.29S	1425515.31E
BIRDSVILLE	148.79	14	255306.85S	1392026.18E
BIRDSVILLE	328.79	32	255355.00S	1392058.43E
BIRDSVILLE	39.81	03	255413.93S	1392036.02E
BIRDSVILLE	219.80	21	255353.97S	1392054.41E
BLACKALL	67.22	06	242606.13S	1452515.63E
BLACKALL	247.21	24	242544.86S	1452610.94E
BLACKALL	127.25	12	242514.37S	1452511.73E
BLACKALL	307.25	30	242545.97S	1452557.12E
BOOLGEEDA	84.66	08	223228.42S	1171531.81E
BOOLGEEDA	264.66	26	223221.76S	1171648.51E
BOULIA	149.15	14	225420.50S	1395346.60E
BOULIA	329.20	32	225511.00S	1395419.10E
BOURKE	62.62	05	300241.67S	1455612.71E
BOURKE	242.61	23	300214.32S	1455713.39E
BOURKE	187.64	18	300156.57S	1455725.53E
BOURKE	7.64	36	300228.76S	1455720.57E

AD	BRG(T)	RWY	LAT	LONG
BOWEN	47.84	04	200123.95S	1481232.66E
BOWEN	228.14	22	200057.04S	1481304.44E
BOWEN	125.57	12	200052.89S	1481237.87E
BOWEN	304.99	30	200109.71S	1481303.29E
BREWARRINA	35.62	03	295851.19S	1464836.57E
BREWARRINA	215.61	21	295814.63S	1464906.65E
BRISBANE	27.04	01R	272410.07S	1530705.59E
BRISBANE	207.04	19L	272228.79S	1530803.50E
BRISBANE	27.05	01L	272259.05S	1530624.49E
BRISBANE	207.04	19R	272123.56S	1530719.09E
BRISBANE WEST WELLCAMP	132.63	12	273255.51S	1514704.19E
BRISBANE WEST WELLCAMP	312.62	30	273358.66S	1514821.19E
BRISBANE/ ARCHERFIELD	107.74	10L	273414.18S	1525953.27E
BRISBANE/ ARCHERFIELD	287.73	28R	273427.54S	1530040.15E
BRISBANE/ ARCHERFIELD	107.46	10R	273419.91S	1525953.02E
BRISBANE/ ARCHERFIELD	287.75	28L	273430.81S	1530031.23E
BRISBANE/ ARCHERFIELD	51.56	04L	273415.53S	1530006.70E
BRISBANE/ ARCHERFIELD	231.59	22R	273356.25S	1530033.99E
BRISBANE/ ARCHERFIELD	51.53	04R	273418.08S	1530015.72E
BRISBANE/ ARCHERFIELD	231.56	22L	273355.86S	1530047.14E
BROKEN HILL	55.89	05	320032.47S	1412739.32E
BROKEN HILL	235.88	23	315946.71S	1412858.59E
BROKEN HILL	142.99	14	320013.79S	1412759.56E
BROKEN HILL	322.99	32	320039.71S	1412822.49E
BROOME/INTL	105.52	10	175645.53S	1221300.78E
BROOME/INTL	285.52	28	175704.71S	1221412.94E
BUNBURY	63.31	07	332249.96S	1154020.76E
BUNBURY	243.31	25	332235.15S	1154055.87E
BUNDABERG	147.73	14	245350.27S	1521902.11E
BUNDABERG	327.73	32	245445.25S	1521940.17E
BUNDABERG	68.83	07	245422.88S	1521849.66E
BUNDABERG	248.83	25	245409.64S	1521927.15E
BURKETOWN	41.89	03	174518.52S	1393151.54E
BURKETOWN	221.89	21	174445.34S	1393222.60E
BUSSELTON	25.57	03	334150.34S	1152346.95E
BUSSELTON	205.56	21	334038.29S	1152428.18E
CAIRNS/CAIRNS INTL	156.48	15	165156.94S	1454436.85E
CAIRNS/CAIRNS INTL	336.48	33	165331.09S	1454519.41E
CAMDEN	64.81	06	340226.23S	1504050.23E
CAMDEN	244.80	24	340210.27S	1504130.98E
CAMDEN	110.96	10	340229.41S	1504054.25E
CAMDEN	290.95	28	340237.80S	1504120.57E
CAMOOWEAL	135.31	13	195437.70S	1380714.40E
CAMOOWEAL	315.42	31	195506.30S	1380744.20E
CANBERRA	179.99	17	351726.26S	1491139.99E
CANBERRA	359.99	35	351853.31S	1491140.00E
CANBERRA	129.92	12	351809.96S	1491117.59E
CANBERRA	309.92	30	351835.99S	1491155.54E
CAPE PRESTON	80.26	08	205848.44S	1161542.81E
CAPE PRESTON	260.25	26	205837.43S	1161651.07E
CARNARVON	43.34	04	245310.58S	1133951.68E
CARNARVON	223.33	22	245232.31S	1134031.26E
CARNARVON	179.24	18	245243.38S	1133958.77E
CARNARVON	359.24	36	245320.44S	1133959.31E
CAROSUE DAM	62.34	06	301042.14S	1221847.68E
CAROSUE DAM	242.34	24	301011.98S	1221953.91E
CARRAPATEENA	14.23	01	311856.00S	1372628.48E
CARRAPATEENA	194.23	19	311805.65S	1372643.35E
CEDUNA	110.82	11	320740.22S	1334152.86E
CEDUNA	290.81	29	320800.30S	1334254.94E
CEDUNA	173.28	17	320735.87S	1334245.46E
CEDUNA	353.28	35	320808.53S	1334249.98E
CENTURY MINE	141.42	14	184513.47S	1384217.99E
CENTURY MINE	321.42	32	184549.34S	1384248.03E
CESSNOCK	188.48	17	324647.76S	1512027.59E
CESSNOCK	8.48	35	324723.00S	1512021.37E
CHARLEVILLE	137.01	12	262428.55S	1461527.35E
CHARLEVILLE	317.01	30	262504.77S	1461604.85E
CHARLEVILLE	181.96	18	262445.86S	1461543.64E
CHARLEVILLE	1.96	36	262520.52S	1461542.32E
CHARTERS TOWERS	14.95	01	200248.92S	1461607.07E
CHARTERS TOWERS	194.95	19	200217.38S	1461615.98E
CHARTERS TOWERS	61.67	06	200251.06S	1461558.99E
CHARTERS TOWERS	241.67	24	200224.27S	1461651.57E
CHILLAGOE	177.35	17	170800.39S	1443142.24E
CHILLAGOE	357.35	35	170832.27S	1443143.78E
CHINCHILLA	38.51	03	264619.65S	1503706.62E
CHINCHILLA	218.51	21	264604.59S	1503719.97E
CHINCHILLA	142.26	14	264605.20S	1503651.45E
CHINCHILLA	322.26	32	264632.67S	1503715.14E
CHRISTMAS CREEK	87.84	09	222116.94S	1193749.60E
CHRISTMAS CREEK	267.83	27	222113.87S	1193916.86E
CHRISTMAS ISLAND	175.31	18	102626.81S	1054124.80E
CHRISTMAS ISLAND	355.31	36	102735.02S	1054130.45E
CLERMONT	27.44	01	224628.84S	1473715.57E
CLERMONT	207.43	19	224558.06S	1473732.80E
CLERMONT	158.64	15	224600.70S	1473659.40E
CLERMONT	338.64	33	224640.41S	1473716.15E
CLEVE	90.67	08	334236.89S	1362957.15E
CLEVE	270.66	26	334237.40S	1363049.53E
CLEVE	181.60	18	334227.68S	1363015.32E
CLEVE	1.60	36	334256.69S	1363014.35E
CLONCURRY	67.99	06	204013.11S	1402954.76E
CLONCURRY	247.99	24	203959.00S	1403031.85E
CLONCURRY	127.84	12	203936.75S	1402958.30E
CLONCURRY	307.83	30	204016.64S	1403052.87E
COBAR	55.03	05	313229.54S	1454714.03E
COBAR	235.02	23	313201.30S	1454801.16E
COBAR	175.20	17	313217.14S	1454741.41E
COBAR	355.20	35	313246.25S	1454744.28E
COCOS (KEELING) ISLANDS	149.22	15	121054.70S	0964940.63E
COCOS (KEELING) ISLANDS	329.22	33	121202.95S	0965021.96E
COEN	113.13	11	134535.85S	1430637.49E
COEN	293.13	29	134553.62S	1430720.05E
COFFS HARBOUR	40.72	03	302018.15S	1530623.57E
COFFS HARBOUR	220.71	21	301926.95S	1530714.36E
COFFS HARBOUR	107.09	10	301900.35S	1530655.24E
COFFS HARBOUR	287.09	28	301907.28S	1530721.22E
CONDOBOLIN	24.56	01	330412.66S	1471238.54E
CONDOBOLIN	204.55	19	330332.15S	1471300.52E
CONDOBOLIN	104.69	10	330346.80S	1471159.14E
CONDOBOLIN	284.69	28	330356.70S	1471243.99E
COOBER PEDY	49.04	04	290239.62S	1344251.71E
COOBER PEDY	229.03	22	290209.20S	1344331.58E
COOBER PEDY	150.15	14	290211.23S	1344315.56E
COOBER PEDY	330.15	32	290234.63S	1344330.84E
COOKTOWN	111.44	11	152627.31S	1451033.90E
COOKTOWN	291.43	29	152645.95S	1451122.85E
COOMA - SNOWY MOUNTAINS	192.70	18	361732.18S	1485828.87E

AD	BRG(T)	RWY	LAT	LONG
COOMA - SNOWY MOUNTAINS	12.70	36	361832.65S	1485812.04E
COONABARABRAN	29.56	01	312005.79S	1491613.14E
COONABARABRAN	209.56	19	311947.54S	1491625.20E
COONABARABRAN	122.90	11	311937.53S	1491521.59E
COONABARABRAN	302.89	29	312004.35S	1491609.90E
COONAMBLE	53.78	05	305910.68S	1482209.69E
COONAMBLE	233.77	23	305841.46S	1482255.99E
COONAMBLE	128.41	12	305836.53S	1482226.33E
COONAMBLE	308.40	30	305848.23S	1482243.46E
COONDEWANNA	83.28	08	225803.09S	1184819.38E
COONDEWANNA	263.28	26	225756.24S	1184922.15E
COOTAMUNDRA	110.48	10	343727.15S	1480143.45E
COOTAMUNDRA	290.47	28	343736.86S	1480214.91E
COOTAMUNDRA	353.33	34	343738.17S	1480213.42E
COOTAMUNDRA	173.33	16	343701.82S	1480208.28E
COROWA	54.15	05	360002.87S	1462040.86E
COROWA	234.15	23	355933.83S	1462130.32E
COROWA	144.14	14	355859.12S	1462047.19E
COROWA	324.14	32	355932.84S	1462117.18E
CORRYONG	72.12	06	361106.49S	1475249.14E
CORRYONG	252.19	24	361054.21S	1475336.29E
COWRA	41.14	03	335046.97S	1483835.96E
COWRA	221.14	21	335018.45S	1483905.82E
COWRA	161.47	15	335021.16S	1483841.57E
COWRA	341.46	33	335111.33S	1483901.73E
CROKER ISLAND	135.58	13	110928.00S	1322840.14E
CROKER ISLAND	315.58	31	111001.36S	1322913.25E
CUE	40.81	04	272726.68S	1175440.15E
CUE	220.80	22	272637.98S	1175527.28E
CUNNAMULLA	68.07	06	280159.78S	1453651.92E
CUNNAMULLA	248.07	24	280148.69S	1453722.96E
CUNNAMULLA	130.16	12	280136.18S	1453710.94E
CUNNAMULLA	310.16	30	280212.49S	1453759.43E
CURTIN	110.37	11	173432.28S	1234854.43E
CURTIN	290.37	29	173506.82S	1235031.42E
DALGARANGA MINE	110.47	11	274939.91S	1171830.77E
DALGARANGA MINE	290.46	29	274958.09S	1171925.56E
DARWIN	108.91	11	122433.85S	1305154.94E
DARWIN	288.91	29	122509.22S	1305339.99E
DARWIN	179.85	18	122431.83S	1305214.35E
DARWIN	359.85	36	122521.45S	1305214.48E
DEGRUSSA	89.01	09	253330.75S	1191640.66E
DEGRUSSA	269.00	27	253329.67S	1191749.44E
DELAMERE RANGE FACILITY	90.25	09	154449.36S	1315448.43E
DELAMERE RANGE FACILITY	270.24	27	154449.52S	1315527.03E
DENILIQUIN	66.18	06	353339.79S	1445625.06E
DENILIQUIN	246.17	24	353323.81S	1445709.35E
DENILIQUIN	141.04	12	353309.27S	1445634.16E
DENILIQUIN	321.07	30	353346.80S	1445711.26E
DERBY	110.42	11	172207.84S	1233912.41E
DERBY	290.41	29	172227.54S	1234007.53E
DERBY	56.16	05	172228.48S	1233929.85E
DERBY	236.16	23	172207.55S	1234002.36E
DEVONPORT	76.13	06	411010.98S	1462508.93E
DEVONPORT	256.11	24	410956.69S	1462625.47E
DEVONPORT	156.13	14	410956.42S	1462542.89E
DEVONPORT	336.13	32	411022.51S	1462558.17E
DIRRANBANDI	18.42	01	283532.23S	1481256.10E
DIRRANBANDI	198.42	19	283454.60S	1481310.30E
DJARINDJIN/ LOMBADINA	105.65	10	163049.87S	1225505.60E
DJARINDJIN/ LOMBADINA	285.65	28	163100.40S	1225544.57E
DONALD	97.58	09	362134.81S	1430016.63E
DONALD	277.58	27	362139.80S	1430102.99E
DONALD	187.60	18	362138.93S	1430026.73E
DONALD	7.60	36	362205.05S	1430022.42E
DOOMADGEE	120.29	12	175559.69S	1384828.01E
DOOMADGEE	300.29	30	175626.86S	1384916.61E
DUBBO	53.76	05	321322.09S	1483407.82E
DUBBO	233.75	23	321249.29S	1483500.45E
DUBBO	119.05	11	321251.71S	1483424.40E
DUBBO	299.05	29	321308.55S	1483500.06E
DUKETON GOLD	180.43	18	273533.30S	1222008.86E
DUKETON GOLD	0.43	36	273638.30S	1222008.31E
EAST JAURDI	79.62	08	304617.38S	1201808.58E
EAST JAURDI	259.61	26	304606.26S	1201918.83E
EAST SALE	53.88	04	380621.78S	1470818.82E
EAST SALE	233.86	22	380535.17S	1470939.62E
EAST SALE	98.91	09	380544.45S	1470741.88E
EAST SALE	278.89	27	380555.64S	1470912.33E
ECHUCA	58.51	05	360928.57S	1444531.60E
ECHUCA	238.50	23	360919.92S	1444549.01E
ECHUCA	178.52	17	360928.13S	1444543.10E
ECHUCA	358.52	35	361003.83S	1444544.24E
EDINBURGH	188.52	18	344140.33S	1383703.30E
EDINBURGH	8.52	36	344302.47S	1383648.40E
ELCHO ISLAND	99.88	10	120105.11S	1353405.84E
ELCHO ISLAND	279.88	28	120113.15S	1353452.73E
ELIWANA	99.91	10	222535.22S	1165233.29E
ELIWANA	279.90	28	222549.21S	1165359.45E
EMERALD	70.49	06	233419.98S	1481015.95E
EMERALD	250.48	24	233359.35S	1481119.10E
EMERALD	151.30	15	233353.46S	1481029.32E
EMERALD	331.30	33	233411.09S	1481039.79E
ESPERANCE	110.97	11	334045.35S	1214845.99E
ESPERANCE	290.96	29	334106.25S	1214951.24E
ESPERANCE	28.42	03	334120.86S	1214915.91E
ESPERANCE	208.42	21	334047.26S	1214937.66E
FITZROY CROSSING	17.43	01	181121.06S	1253328.64E
FITZROY CROSSING	197.43	19	181040.53S	1253341.95E
FLINDERS ISLAND	61.28	05	400540.03S	1475935.44E
FLINDERS ISLAND	241.27	23	400524.23S	1480012.98E
FLINDERS ISLAND	143.66	14	400458.36S	1475858.11E
FLINDERS ISLAND	323.65	32	400543.27S	1475941.13E
FORBES	99.09	09	332142.44S	1475516.36E
FORBES	279.08	27	332148.73S	1475603.24E
FORREST	93.69	09	305011.36S	1280634.91E
FORREST	273.69	27	305014.19S	1280725.75E
FORREST	179.63	18	304957.59S	1280646.17E
FORREST	359.63	36	305046.98S	1280646.54E
FORRESTANIA	145.34	15	323435.45S	1194211.77E
FORRESTANIA	325.34	33	323516.29S	1194245.12E
FORTESCUE DAVE FORREST	124.16	12	221707.60S	1192545.02E
FORTESCUE DAVE FORREST	304.15	30	221749.56S	1192651.47E
GARDEN POINT	41.73	04	112414.79S	1302517.59E
GARDEN POINT	221.73	22	112342.81S	1302546.50E
GAYNDAH	65.33	06	253705.34S	1513654.70E
GAYNDAH	245.32	24	253648.17S	1513735.91E
GEORGETOWN (QLD)	63.67	06	181818.18S	1433133.25E
GEORGETOWN (QLD)	243.67	24	181801.42S	1433208.71E
GERALDTON	18.38	03	284828.68S	1144207.48E
GERALDTON	198.38	21	284715.06S	1144235.25E
GERALDTON	79.51	08	284716.59S	1144158.32E
GERALDTON	259.51	26	284711.27S	1144230.94E
GERALDTON	142.68	14	284716.99S	1144201.67E
GERALDTON	322.68	32	284738.82S	1144220.56E

AD	BRG(T)	RWY	LAT	LONG
GINBATA	90.00	09	223453.83S	1200124.57E
GINBATA	270.00	27	223453.83S	1200252.02E
GINGIN	75.00	08	312759.36S	1155113.43E
GINGIN	254.99	26	312743.99S	1155220.33E
GLADSTONE	110.12	10	235200.85S	1511301.24E
GLADSTONE	290.11	28	235219.40S	1511356.32E
GLEN INNES	105.87	10	294026.07S	1514056.86E
GLEN INNES	285.87	28	294036.73S	1514139.80E
GLEN INNES	154.08	14	294001.41S	1514110.24E
GLEN INNES	334.07	32	294045.12S	1514134.57E
GNOWANGERUP	121.72	12	335828.68S	1180020.20E
GNOWANGERUP	301.71	30	335854.26S	1180109.88E
GOLD COAST	150.58	14	280923.44S	1533002.54E
GOLD COAST	330.59	32	281021.25S	1533039.31E
GOLD COAST	184.09	17	280951.68S	1533024.31E
GOLD COAST	4.09	35	281010.54S	1533022.79E
GOLDEN GROVE	116.36	11	284541.05S	1165754.05E
GOLDEN GROVE	296.36	29	284601.18S	1165840.15E
GOODOOGA	130.88	12	290411.12S	1472250.87E
GOODOOGA	310.87	30	290433.01S	1472319.66E
GOONDIWINDI	42.10	04	283137.28S	1501855.98E
GOONDIWINDI	222.09	22	283104.97S	1501929.03E
GOONDIWINDI	131.49	12	283114.65S	1501904.27E
GOONDIWINDI	311.49	30	283131.78S	1501926.20E
GOULBURN	47.62	04	344847.61S	1494318.14E
GOULBURN	227.61	22	344819.58S	1494355.38E
GOULBURN	92.00	08	344834.87S	1494338.36E
GOULBURN	272.00	26	344835.64S	1494405.09E
GOVE	129.92	13	121546.21S	1364835.25E
GOVE	309.92	31	121632.32S	1364931.28E
GRAFTON	185.25	18	294449.78S	1530155.35E
GRAFTON	5.25	36	294544.95S	1530149.54E
GRIFFITH	65.79	06	341525.99S	1460306.56E
GRIFFITH	245.75	24	341503.30S	1460407.32E
GRIFFITH	188.50	18	341447.98S	1460406.73E
GRIFFITH	8.50	36	341507.25S	1460403.26E
GROOTE EYLANDT	99.14	10	135815.69S	1362659.62E
GROOTE EYLANDT	279.14	28	135825.53S	1362802.24E
GRUYERE	65.25	06	280219.15S	1234817.17E
GRUYERE	245.24	24	280150.57S	1234927.01E
GUDAI-DARRI MINE	115.59	12	222959.93S	1190402.02E
GUDAI-DARRI MINE	295.58	30	223030.81S	1190511.43E
GUNNEDAH	122.63	11	305712.97S	1501426.29E
GUNNEDAH	302.62	29	305741.75S	1501518.46E
HALLS CREEK	43.82	04	181427.31S	1273941.05E
HALLS CREEK	223.82	22	181352.71S	1274015.80E
HALLS CREEK	265.70	26	181405.80S	1274019.55E
HALLS CREEK	85.71	08	181408.10S	1273947.50E
HAMILTON	113.35	10	373845.51S	1420333.48E
HAMILTON	293.34	28	373901.36S	1420419.66E
HAMILTON	180.10	17	373819.13S	1420342.93E
HAMILTON	0.10	35	373913.11S	1420342.81E
HAMILTON ISLAND	142.88	14	202104.76S	1485648.18E
HAMILTON ISLAND	322.88	32	202149.01S	1485723.69E
HAY	43.61	04	343214.67S	1444926.21E
HAY	223.60	22	343140.29S	1445005.78E
HAY	154.52	15	343125.91S	1444937.43E
HAY	334.52	33	343159.36S	1444956.69E
HERVEY BAY	118.65	11	251856.10S	1525217.53E
HERVEY BAY	298.64	29	251927.26S	1525320.29E
HOBART	135.03	12	424944.30S	1473007.38E
HOBART	315.01	30	425044.08S	1473128.55E
HOLSWORTHY	123.51	11	335938.25S	1505656.60E
HOLSWORTHY	303.50	29	335950.26S	1505718.38E
HOPETOUN	20.18	01	354311.50S	1422129.96E
HOPETOUN	200.18	19	354237.68S	1422145.20E
HOPETOUN	89.79	08	354250.26S	1422127.40E
HOPETOUN	269.78	26	354250.20S	1422146.77E
HORN ISLAND	84.81	08	103512.02S	1421652.47E
HORN ISLAND	264.81	26	103507.93S	1421738.00E
HORN ISLAND	139.83	14	103451.59S	1421719.64E
HORN ISLAND	319.83	32	103522.31S	1421745.85E
HORSHAM	89.71	08	364007.97S	1421014.77E
HORSHAM	269.70	26	364007.75S	1421107.97E
HORSHAM	179.62	17	364011.44S	1421019.24E
HORSHAM	359.62	35	364043.83S	1421019.51E
HUGHENDEN	127.83	12	204829.80S	1441307.36E
HUGHENDEN	307.82	30	204902.59S	1441352.28E
HUGHENDEN	65.71	06	204912.14S	1441251.26E
HUGHENDEN	245.71	24	204854.63S	1441332.52E
INNISFAIL/MUNDOO	141.08	14	173315.22S	1460025.48E
INNISFAIL/MUNDOO	321.08	32	173349.48S	1460054.32E
INNISFAIL/MUNDOO	35.04	03	173348.01S	1460033.94E
INNISFAIL/MUNDOO	215.04	21	173315.89S	1460057.42E
INVERELL	50.49	04	295333.16S	1510816.14E
INVERELL	230.49	22	295318.69S	1510836.28E
INVERELL	170.59	16	295243.04S	1510836.51E
INVERELL	350.59	34	295350.74S	1510849.39E
IRON BRIDGE MINE	116.32	12	211655.03S	1185213.36E
IRON BRIDGE MINE	296.31	30	211731.06S	1185331.10E
IVANHOE	173.31	16	325252.60S	1441837.95E
IVANHOE	353.31	34	325332.73S	1441843.53E
IVANHOE	98.36	09	325254.38S	1441822.69E
IVANHOE	278.35	27	325259.19S	1441901.50E
JABIRU	94.71	09	123927.03S	1325317.61E
JABIRU	274.70	27	123930.77S	1325403.90E
JACINTH AMBROSIA	139.73	14	305341.33S	1321039.10E
JACINTH AMBROSIA	319.72	32	305425.91S	1321122.90E
JERVIS BAY	94.89	08	350842.80S	1504117.55E
JERVIS BAY	274.88	26	350846.84S	1504215.14E
JERVIS BAY	163.96	15	350830.16S	1504141.81E
JERVIS BAY	343.96	33	350917.69S	1504158.45E
JULIA CREEK	107.18	10	203958.97S	1414243.22E
JULIA CREEK	287.18	28	204012.43S	1414329.47E
JUNDEE	83.09	08	262522.57S	1203402.95E
JUNDEE	263.08	26	262514.37S	1203518.04E
KALBARRI	180.08	18	274105.95S	1141533.32E
KALBARRI	0.08	36	274157.93S	1141533.24E
KALGOORLIE-BOULDER	110.45	11	304717.83S	1212716.61E
KALGOORLIE-BOULDER	290.44	29	304740.52S	1212827.10E
KALGOORLIE-BOULDER	185.47	18	304653.12S	1212743.61E
KALGOORLIE-BOULDER	5.47	36	304731.90S	1212739.31E
KALKGURUNG	213.54	21	172524.76S	1304847.10E
KALKGURUNG	33.54	03	172558.67S	1304823.69E
KALKGURUNG	135.12	13	172559.60S	1304826.26E
KALKGURUNG	315.12	31	172621.65S	1304849.13E
KAMBALDA	163.79	16	311058.68S	1213542.83E
KAMBALDA	343.78	34	311154.80S	1213601.81E
KARARA	116.65	12	291251.88S	1164050.74E
KARARA	296.64	30	291312.28S	1164137.09E
KARLAWINDA MINE	8.32	01	234725.03S	1200804.74E
KARLAWINDA MINE	188.32	19	234620.75S	1200814.95E
KARRATHA	83.66	08	204250.49S	1164552.96E
KARRATHA	263.65	26	204242.29S	1164711.30E
KARUMBA	37.58	03	172722.56S	1404948.13E
KARUMBA	217.57	21	172647.02S	1405016.62E
KATANNING	65.29	07	334208.96S	1173856.57E
KATANNING	245.28	25	334148.61S	1173949.46E

AD	BRG(T)	RWY	LAT	LONG
KATANNING	130.14	13	334140.40S	1173900.36E
KATANNING	310.13	31	334201.36S	1173930.10E
KEMPSEY	54.39	04	310435.47S	1524530.39E
KEMPSEY	234.38	22	310404.39S	1524620.80E
KENS BORE	134.70	14	220909.73S	1160905.19E
KENS BORE	314.69	32	220957.73S	1160957.27E
KERANG	58.95	05	354509.70S	1435620.82E
KERANG	238.94	23	354458.12S	1435644.41E
KERANG	148.96	14	354452.30S	1435603.10E
KERANG	328.96	32	354521.95S	1435624.99E
KIMBA	40.24	03	330555.02S	1362739.01E
KIMBA	220.23	21	330515.84S	1362818.39E
KIMBA	160.53	15	330500.78S	1362738.76E
KIMBA	340.20	33	330534.74S	1362753.28E
KING ISLAND	114.50	10	395224.35S	1435213.77E
KING ISLAND	294.59	28	395245.65S	1435314.45E
KING ISLAND	184.21	17	395222.07S	1435305.22E
KING ISLAND	4.21	35	395257.84S	1435301.80E
KINGAROY	169.07	16	263420.87S	1515017.09E
KINGAROY	349.07	34	263511.91S	1515028.05E
KINGAROY	65.22	05	263507.83S	1515009.47E
KINGAROY	245.21	23	263450.08S	1515052.22E
KINGSCOTE/ KANGAROO ISLAND	21.35	01	354325.09S	1373118.26E
KINGSCOTE/ KANGAROO ISLAND	201.34	19	354230.25S	1373144.54E
KINGSCOTE/ KANGAROO ISLAND	66.38	06	354253.48S	1373100.64E
KINGSCOTE/ KANGAROO ISLAND	246.37	24	354238.73S	1373141.99E
KINGSCOTE/ KANGAROO ISLAND	156.38	15	354233.68S	1373104.46E
KINGSCOTE/ KANGAROO ISLAND	336.38	33	354314.82S	1373126.52E
KOOLAN ISLAND/ KOOLAN CENTRAL	114.59	11	160715.80S	1234334.33E
KOOLAN ISLAND/ KOOLAN CENTRAL	294.58	29	160744.23S	1234438.62E
KOWANYAMA	119.94	12	152856.72S	1414449.03E
KOWANYAMA	299.94	30	152919.13S	1414529.15E
KUNUNURRA	119.67	12	154625.84S	1284206.08E
KUNUNURRA	299.66	30	154655.28S	1284259.46E
LAKE CARGELLIGO	130.66	12	331643.47S	1462211.08E
LAKE CARGELLIGO	310.66	30	331702.09S	1462236.89E
LAKE CARGELLIGO	242.68	23	331649.03S	1462252.93E
LAKE CARGELLIGO	62.69	05	331706.93S	1462211.67E
LAKE EVELLA	85.47	08	122954.02S	1354806.03E
LAKE EVELLA	265.46	26	122951.28S	1354841.19E
LATROBE VALLEY	45.14	03	381255.89S	1462754.19E
LATROBE VALLEY	225.13	21	381223.17S	1462835.86E
LATROBE VALLEY	97.15	09	381218.40S	1462755.33E
LATROBE VALLEY	277.14	27	381222.11S	1462832.83E
LAUNCESTON	147.28	14R	413213.44S	1471214.75E
LAUNCESTON	327.27	32L	413307.47S	1471300.96E
LAVERTON	69.71	07	283700.24S	1222515.95E
LAVERTON	249.74	25	283639.97S	1222618.08E
LAVERTON	157.39	16	283622.93S	1222521.74E
LAVERTON	337.39	34	283650.50S	1222534.75E
LEARMONTH	183.86	18	221311.89S	1140528.15E
LEARMONTH	3.86	36	221450.73S	1140520.98E
LEIGH CREEK	30.05	02	303613.49S	1382513.16E
LEIGH CREEK	210.05	20	303539.22S	1382536.08E
LEIGH CREEK	120.94	11	303544.39S	1382527.19E
LEIGH CREEK	300.94	29	303612.94S	1382622.25E
LEINSTER	100.33	10	275033.62S	1204142.67E
LEINSTER	280.32	28	275044.09S	1204247.30E
LEONORA	36.76	04	285320.83S	1211821.94E
LEONORA	216.76	22	285228.32S	1211906.51E
LEONORA	133.22	12	285230.13S	1211829.88E
LEONORA	313.22	30	285255.93S	1211901.07E
LIGHTNING RIDGE	47.38	04	292718.47S	1475850.22E
LIGHTNING RIDGE	227.37	22	292702.32S	1475910.27E
LIGHTNING RIDGE	109.35	10	292701.98S	1475811.41E
LIGHTNING RIDGE	289.34	28	292718.19S	1475904.16E
LISMORE	157.11	15	284926.19S	1531518.77E
LISMORE	337.11	33	285015.79S	1531542.55E
LOCKHART RIVER	124.94	12	124701.39S	1431802.16E
LOCKHART RIVER	304.94	30	124729.34S	1431842.92E
LONGREACH	46.55	04	232616.76S	1441614.43E
LONGREACH	226.55	22	232533.52S	1441703.90E
LORD HOWE ISLAND	114.25	10	313212.26S	1590418.15E
LORD HOWE ISLAND	294.24	28	313222.71S	1590445.24E
MACKAY	147.70	14	210947.43S	1491038.92E
MACKAY	327.70	32	211041.90S	1491115.63E
MAITLAND (NSW)	56.70	05	324211.24S	1512922.39E
MAITLAND (NSW)	236.70	23	324151.14S	1512958.58E
MAITLAND (NSW)	93.12	08	324204.19S	1512927.09E
MAITLAND (NSW)	273.11	26	324205.20S	1512949.03E
MAITLAND (NSW)	193.05	18	324146.23S	1512935.68E
MAITLAND (NSW)	13.05	36	324202.13S	1512931.32E
MALLACOOTA	262.96	25	373601.30S	1494325.99E
MALLACOOTA	82.97	07	373604.80S	1494250.35E
MALLACOOTA	190.87	18	373539.19S	1494320.53E
MALLACOOTA	10.87	36	373611.97S	1494312.62E
MANGALORE	54.05	05	365336.47S	1451022.72E
MANGALORE	234.04	23	365257.88S	1451128.96E
MANGALORE	189.08	18	365257.98S	1451124.00E
MANGALORE	9.09	36	365344.75S	1451114.69E
MANINGRIDA	148.64	14	120309.36S	1341357.66E
MANINGRIDA	328.64	32	120351.82S	1341423.95E
MANJIMUP	113.95	12	341547.69S	1160802.92E
MANJIMUP	293.94	30	341603.81S	1160846.64E
MARBLE BAR	84.13	09	210948.77S	1194929.07E
MARBLE BAR	264.12	27	210942.45S	1195034.54E
MAREEBA	109.49	10	170404.44S	1452502.23E
MAREEBA	289.48	28	170420.76S	1452550.18E
MARYBOROUGH (QLD)	128.58	12	253042.43S	1524242.14E
MARYBOROUGH (QLD)	308.57	30	253100.40S	1524306.97E
MARYBOROUGH (QLD)	173.53	17	253022.97S	1524245.77E
MARYBOROUGH (QLD)	353.53	35	253114.24S	1524252.18E
MCARTHUR RIVER MINE	69.31	06	162655.48S	1360351.01E
MCARTHUR RIVER MINE	249.30	24	162626.74S	1360509.85E
MEEKATHARRA	84.90	09	263632.79S	1183206.40E
MEEKATHARRA	264.89	27	263626.49S	1183324.92E
MEEKATHARRA	139.02	15	263633.66S	1183256.47E
MEEKATHARRA	319.02	33	263659.79S	1183321.72E
MELBOURNE	171.56	16	373911.45S	1445005.69E
MELBOURNE	351.56	34	374108.80S	1445027.60E
MELBOURNE	94.20	09	373938.70S	1444920.11E
MELBOURNE	274.18	27	373944.12S	1445053.13E
MELBOURNE/ ESSENDON	88.05	08	374352.97S	1445334.39E
MELBOURNE/ ESSENDON	268.03	26	374350.84S	1445452.80E
MELBOURNE/ ESSENDON	177.82	17	374313.49S	1445402.74E
MELBOURNE/ ESSENDON	357.81	35	374402.20S	1445405.08E

AD	BRG(T)	RWY	LAT	LONG
MELBOURNE/ MOORABBIN	47.38	04	375846.27S	1450553.26E
MELBOURNE/ MOORABBIN	227.37	22	375835.94S	1450607.44E
MELBOURNE/ MOORABBIN	142.01	13L	375822.47S	1450555.12E
MELBOURNE/ MOORABBIN	322.00	31R	375849.04S	1450621.34E
MELBOURNE/ MOORABBIN	142.00	13R	375832.54S	1450553.96E
MELBOURNE/ MOORABBIN	322.00	31L	375851.67S	1450612.84E
MELBOURNE/ MOORABBIN	176.05	17L	375827.37S	1450558.28E
MELBOURNE/ MOORABBIN	356.05	35R	375855.71S	1450600.75E
MELBOURNE/ MOORABBIN	176.02	17R	375825.40S	1450549.33E
MELBOURNE/ MOORABBIN	356.02	35L	375854.27S	1450551.87E
MERIMBULA	33.99	03	365446.30S	1495347.71E
MERIMBULA	213.99	21	365403.21S	1495423.89E
MILDURA	101.63	09	341335.11S	1420425.90E
MILDURA	281.62	27	341347.08S	1420535.95E
MILDURA	185.05	18	341333.00S	1420522.80E
MILDURA	5.05	36	341409.83S	1420518.88E
MILES	50.12	04	264840.17S	1500945.58E
MILES	230.12	22	264807.07S	1501029.73E
MILINGIMBI	116.22	11	120531.58S	1345314.41E
MILINGIMBI	296.22	29	120551.86S	1345356.26E
MOOMBA	126.77	12	280539.42S	1401126.27E
MOOMBA	306.76	30	280612.82S	1401216.68E
MORANBAH	171.37	16	220304.84S	1480430.93E
MORANBAH	351.37	34	220353.92S	1480438.92E
MORAWA	89.19	09	291209.28S	1160111.16E
MORAWA	269.18	27	291208.83S	1160147.25E
MORAWA	148.67	15	291149.84S	1160105.75E
MORAWA	328.66	33	291227.28S	1160131.73E
MOREE	17.28	01	293022.62S	1495034.95E
MOREE	197.28	19	292932.71S	1495052.70E
MOREE	58.17	05	293003.00S	1495011.65E
MOREE	238.17	23	292946.24S	1495042.51E
MORNINGTON ISLAND	278.38	27	163944.98S	1391037.55E
MORNINGTON ISLAND	98.38	09	163937.78S	1390946.85E
MORUYA	191.80	18	355319.78S	1500853.92E
MORUYA	11.80	36	355408.18S	1500841.49E
MORUYA	56.11	04	355413.51S	1500823.72E
MORUYA	236.11	22	355358.54S	1500851.11E
MOUNT GAMBIER	63.81	06	374458.08S	1404646.75E
MOUNT GAMBIER	243.80	24	374445.96S	1404717.78E
MOUNT GAMBIER	120.92	11	374445.50S	1404646.38E
MOUNT GAMBIER	300.91	29	374500.86S	1404718.68E
MOUNT GAMBIER	185.77	18	374425.08S	1404722.91E
MOUNT GAMBIER	5.77	36	374518.15S	1404716.16E
MOUNT GORDON	90.08	08	194621.49S	1392355.12E
MOUNT GORDON	270.07	26	194621.54S	1392435.14E
MOUNT HOLLAND	84.75	08	320636.25S	1194506.26E
MOUNT HOLLAND	264.75	26	320631.50S	1194607.00E
MOUNT HOTHAM	123.48	11	370240.37S	1471942.11E
MOUNT HOTHAM	303.48	29	370306.49S	1472031.38E
MOUNT ISA	167.73	16	203918.15S	1392909.17E
MOUNT ISA	347.73	34	204039.51S	1392927.97E
MOUNT KEITH	114.04	11	271701.27S	1203244.88E
MOUNT KEITH	294.03	29	271725.04S	1203344.54E
MOUNT MAGNET	35.54	04	280703.93S	1175006.59E
MOUNT MAGNET	215.54	22	280640.20S	1175025.71E
MOUNT MAGNET	156.88	16	280627.84S	1175013.44E
MOUNT MAGNET	336.88	34	280721.61S	1175039.33E
MUDGEE	52.13	04	323411.04S	1493607.29E
MUDGEE	232.12	22	323336.40S	1493659.89E
MUDGEE	170.88	16	323318.37S	1493640.93E
MUDGEE	350.88	34	323352.88S	1493647.47E
MURRIN MURRIN	35.20	03	284244.65S	1215303.61E
MURRIN MURRIN	215.20	21	284151.56S	1215346.09E
NARACOORTE	27.30	02	365923.91S	1404322.95E
NARACOORTE	207.30	20	365845.35S	1404347.76E
NARACOORTE	84.07	08	365851.20S	1404302.21E
NARACOORTE	264.06	26	365847.69S	1404344.27E
NARRABRI	95.59	09	301849.73S	1494944.19E
NARRABRI	275.59	27	301852.26S	1495013.99E
NARRABRI	193.13	18	301850.83S	1494939.49E
NARRABRI	13.13	36	301946.65S	1494924.48E
NARRANDERA	53.23	05	344212.80S	1463033.06E
NARRANDERA	233.23	23	344155.29S	1463101.43E
NARRANDERA	143.85	14	344136.00S	1463019.78E
NARRANDERA	323.85	32	344218.19S	1463057.10E
NARROMINE	53.78	04	321304.64S	1481317.88E
NARROMINE	233.77	22	321245.21S	1481349.08E
NARROMINE	121.38	11	321244.30S	1481303.71E
NARROMINE	301.37	29	321305.65S	1481344.89E
NEWMAN	55.82	05	232525.54S	1194740.73E
NEWMAN	235.82	23	232447.69S	1194841.13E
NGUKURR	114.45	11	144313.99S	1344428.64E
NGUKURR	294.45	29	144334.59S	1344515.19E
NHILL	102.48	09	361835.18S	1413829.63E
NHILL	282.48	27	361842.19S	1413908.76E
NHILL	187.22	18	361825.26S	1413837.80E
NHILL	7.22	36	361900.72S	1413832.25E
NIFTY	117.58	12	214011.11S	1213516.48E
NIFTY	297.57	30	214041.80S	1213619.35E
NORFOLK ISLAND	122.25	11	290211.68S	1675547.99E
NORFOLK ISLAND	302.25	29	290244.46S	1675647.11E
NORFOLK ISLAND	49.96	04	290247.66S	1675559.50E
NORFOLK ISLAND	229.95	22	290217.61S	1675640.19E
NORMANTON	146.52	14	174050.96S	1410402.92E
NORMANTON	326.52	32	174136.45S	1410434.31E
NORTHERN PENINSULA	137.29	13	105618.22S	1422652.28E
NORTHERN PENINSULA	317.28	31	105702.07S	1422733.25E
NOVA	60.89	06	315100.90S	1231058.90E
NOVA	240.88	24	315029.31S	1231205.36E
NOWRA	44.39	03	345655.82S	1503211.27E
NOWRA	224.38	21	345608.37S	1503307.67E
NOWRA	94.39	08	345652.32S	1503135.75E
NOWRA	274.38	26	345657.29S	1503254.47E
NUMBULWAR	149.54	15	141551.81S	1354241.79E
NUMBULWAR	329.54	33	141628.88S	1354304.14E
NYNGAN	193.50	18	313240.47S	1471203.08E
NYNGAN	13.50	36	313314.08S	1471153.66E
NYNGAN	59.31	05	313315.82S	1471143.97E
NYNGAN	239.30	23	313248.59S	1471237.53E
OAKEY	99.58	09	272432.76S	1514329.02E
OAKEY	279.58	27	272438.65S	1514408.13E
OAKEY	145.10	14	272409.61S	1514413.54E
OAKEY	325.10	32	272453.57S	1514447.90E
OAKEY	54.90	05	272421.91S	1514351.20E
OAKEY	234.89	23	272404.82S	1514418.44E
OENPELLI	118.73	12	121921.13S	1330005.43E
OENPELLI	298.72	30	121941.78S	1330043.75E
OLYMPIC DAM	70.52	07	302912.64S	1365200.74E

AD	BRG(T)	RWY	LAT	LONG
OLYMPIC DAM	250.51	25	302852.49S	1365306.48E
ONSLOW	29.46	03	214043.66S	1150634.71E
ONSLOW	209.45	21	213949.87S	1150707.21E
ORANGE	52.68	04	332242.32S	1490715.70E
ORANGE	232.67	22	332223.37S	1490745.32E
ORANGE	125.50	11	332228.89S	1490708.64E
ORANGE	305.49	29	332310.59S	1490818.34E
ORBOST	82.92	07	374724.70S	1483618.56E
ORBOST	262.91	25	374720.14S	1483704.80E
OSBORNE MINE	131.80	12	220432.43S	1403259.97E
OSBORNE MINE	311.79	30	220515.78S	1403352.00E
PALM ISLAND	142.66	14	184503.88S	1463441.22E
PALM ISLAND	322.65	32	184532.92S	1463504.48E
PARABURDOO	65.19	06	231031.58S	1174414.96E
PARABURDOO	245.18	24	231002.49S	1174523.01E
PARKES	54.91	04	330814.03S	1481350.06E
PARKES	234.91	22	330742.59S	1481443.25E
PARKES	124.81	11	330729.25S	1481349.09E
PARKES	304.81	29	330756.13S	1481435.04E
PEARCE	173.48	18L	313944.68S	1160049.37E
PEARCE	353.48	36R	314103.31S	1160059.88E
PEARCE	173.51	18R	314007.61S	1160048.00E
PEARCE	353.50	36L	314103.80S	1160055.48E
PEARCE	44.74	05	314020.35S	1160031.29E
PEARCE	224.73	23	313941.35S	1160116.47E
PERTH	13.95	03	315731.46S	1155734.86E
PERTH	193.95	21	315542.94S	1155806.47E
PERTH	58.90	06	315627.56S	1155733.13E
PERTH	238.89	24	315551.27S	1155843.65E
PERTH/JANDAKOT	54.42	06L	320559.92S	1155228.54E
PERTH/JANDAKOT	234.42	24R	320538.61S	1155303.53E
PERTH/JANDAKOT	54.41	06R	320603.17S	1155236.98E
PERTH/JANDAKOT	234.41	24L	320541.44S	1155312.65E
PERTH/JANDAKOT	114.48	12	320559.81S	1155220.95E
PERTH/JANDAKOT	294.48	30	320620.09S	1155313.28E
PETERBOROUGH/ GREAT OCEAN ROAD	94.31	08	383624.45S	1425355.52E
PETERBOROUGH/ GREAT OCEAN ROAD	274.30	26	383627.23S	1425442.59E
PLUTONIC	66.01	07	251914.92S	1192450.75E
PLUTONIC	246.01	25	251847.60S	1192558.29E
POINT COOK	175.32	17	375527.08S	1444512.24E
POINT COOK	355.32	35	375611.40S	1444516.82E
POINT COOK	48.06	04	375611.02S	1444447.35E
POINT COOK	228.05	22	375546.40S	1444521.94E
POINT COOK	90.42	08	375603.66S	1444450.94E
POINT COOK	270.41	26	375603.91S	1444534.61E
POONCARIE	63.74	06	332231.33S	1423452.94E
POONCARIE	243.74	24	332216.20S	1423529.49E
PORMPURAAW	150.58	14	145327.72S	1413621.96E
PORMPURAAW	330.58	32	145406.26S	1413644.31E
PORT AUGUSTA	159.27	15	322953.13S	1374240.83E
PORT AUGUSTA	339.27	33	323043.22S	1374303.20E
PORT HEDLAND	137.43	14	202226.71S	1183717.76E
PORT HEDLAND	317.43	32	202326.58S	1183816.08E
PORT HEDLAND	182.41	18	202213.03S	1183745.46E
PORT HEDLAND	2.41	36	202245.49S	1183744.01E
PORT HEDLAND/ WODGINA	96.06	09	210207.94S	1183758.48E
PORT HEDLAND/ WODGINA	276.06	27	210215.15S	1183910.81E
PORT KEATS	160.98	16	141437.36S	1293138.41E
PORT KEATS	340.98	34	141520.73S	1293153.74E
PORT LINCOLN	16.62	01	343645.39S	1355235.89E
PORT LINCOLN	196.62	19	343558.77S	1355252.72E
PORT LINCOLN	57.55	05	343626.54S	1355229.89E
PORT LINCOLN	237.54	23	343604.33S	1355312.13E
PORT LINCOLN	153.91	15	343556.69S	1355230.74E
PORT LINCOLN	333.90	33	343638.96S	1355255.78E
PORT MACQUARIE	29.76	03	312634.64S	1525125.89E
PORT MACQUARIE	209.75	21	312543.88S	1525159.73E
PORT PIRIE	90.12	08	331417.13S	1375928.30E
PORT PIRIE	270.12	26	331417.20S	1380008.61E
PORT PIRIE	41.83	03	331427.65S	1375952.76E
PORT PIRIE	221.83	21	331411.39S	1380010.08E
PORT PIRIE	180.42	17	331406.25S	1375929.21E
PORT PIRIE	0.42	35	331440.97S	1375928.91E
PORTLAND	87.42	08	381910.22S	1412745.90E
PORTLAND	267.40	26	381907.85S	1412852.41E
PORTLAND	177.41	17	381849.33S	1412758.29E
PORTLAND	357.40	35	381927.57S	1412800.49E
PROMINENT HILL	189.74	18	294222.10S	1353134.71E
PROMINENT HILL	9.74	36	294332.55S	1353120.86E
PROSERPINE/ WHITSUNDAY COAST	114.49	11	202925.76S	1483239.91E
PROSERPINE/ WHITSUNDAY COAST	294.49	29	202953.71S	1483345.03E
QUILPIE	94.17	09	263631.92S	1441500.01E
QUILPIE	274.17	27	263635.46S	1441554.02E
QUILPIE	194.66	18	263605.45S	1441521.20E
QUILPIE	14.66	36	263639.23S	1441511.37E
QUIRINDI	65.43	06	313005.39S	1503047.59E
QUIRINDI	245.43	24	312950.46S	1503125.70E
QUIRINDI	139.60	14	312927.12S	1503051.94E
QUIRINDI	319.59	32	313010.86S	1503135.39E
RAMINGINING	92.36	09	122124.43S	1345309.36E
RAMINGINING	272.36	27	122126.28S	1345355.01E
RAVENSTHORPE	58.87	06	334806.59S	1201201.68E
RAVENSTHORPE	238.86	24	334738.40S	1201257.58E
RAVENSTHORPE	138.73	14	334736.27S	1201224.80E
RAVENSTHORPE	318.73	32	334805.54S	1201255.57E
RENMARK	74.08	07	341201.36S	1403934.38E
RENMARK	254.07	25	341145.89S	1404039.62E
RENMARK	185.08	18	341146.81S	1404043.25E
RENMARK	5.08	36	341219.90S	1404039.71E
RICHMOND (NSW)	107.11	10	333605.81S	1504616.49E
RICHMOND (NSW)	287.10	28	333626.18S	1504735.59E
RICHMOND (QLD)	98.68	09	204200.52S	1430623.48E
RICHMOND (QLD)	278.68	27	204207.99S	1430715.48E
ROBINVALE	29.04	01	343848.60S	1424613.52E
ROBINVALE	209.04	19	343816.25S	1424635.25E
ROBINVALE	134.05	12	343832.67S	1424620.60E
ROBINVALE	314.04	30	343859.19S	1424653.78E
ROCKHAMPTON	52.39	04	232256.85S	1502755.40E
ROCKHAMPTON	232.38	22	232240.97S	1502817.72E
ROCKHAMPTON	157.66	15	232209.19S	1502814.02E
ROCKHAMPTON	337.68	33	232326.45S	1502848.42E
ROMA	101.56	09	263238.76S	1484558.83E
ROMA	281.55	27	263243.98S	1484627.22E
ROMA	191.62	18	263215.55S	1484637.57E
ROMA	11.63	36	263303.42S	1484626.62E
ROTTNEST ISLAND	90.35	09	320022.49S	1153158.29E
ROTTNEST ISLAND	270.34	27	320022.71S	1153241.01E
SAIBAI ISLAND	131.87	12	092235.38S	1423722.60E
SAIBAI ISLAND	311.86	30	092249.93S	1423738.96E
SAINT GEORGE	120.58	11	280248.81S	1483519.90E
SAINT GEORGE	300.57	29	280313.98S	1483607.92E
SAINT HELENS	93.57	08	412014.94S	1481644.88E
SAINT HELENS	273.56	26	412017.10S	1481730.89E
SCHERGER (RAAF)	121.68	12	123656.20S	1420433.77E
SCHERGER (RAAF)	301.67	30	123748.31S	1420559.76E
SCONE	121.68	11	320205.38S	1504933.37E

AD	BRG(T)	RWY	LAT	LONG
SCONE	301.67	29	320229.24S	1505018.77E
SHARK BAY	178.14	18	255319.92S	1133432.03E
SHARK BAY	358.14	36	255414.78S	1133434.00E
SHELLHARBOUR AIRPORT	94.23	08	343344.21S	1504654.46E
SHELLHARBOUR AIRPORT	274.22	26	343347.18S	1504743.04E
SHELLHARBOUR AIRPORT	169.29	16	343305.43S	1504707.30E
SHELLHARBOUR AIRPORT	349.29	34	343357.88S	1504719.29E
SHEPPARTON	99.44	09	362546.12S	1452327.04E
SHEPPARTON	279.43	27	362548.43S	1452344.24E
SHEPPARTON	10.54	36	362556.23S	1452326.26E
SHEPPARTON	190.54	18	362519.65S	1452334.68E
SNAKE BAY	129.46	13	112449.30S	1303836.95E
SNAKE BAY	309.45	31	112519.14S	1303913.70E
SOLOMON	89.64	09	221524.47S	1175026.71E
SOLOMON	269.64	27	221524.06S	1175136.62E
SOUTH GOULBURN ISLAND	99.52	10	113857.54S	1332207.93E
SOUTH GOULBURN ISLAND	279.52	28	113904.97S	1332252.89E
SOUTHERN CROSS	90.00	09	311426.83S	1192109.50E
SOUTHERN CROSS	270.00	27	311426.83S	1192159.34E
SOUTHERN CROSS	138.31	14	311357.74S	1192104.25E
SOUTHERN CROSS	318.30	32	311431.79S	1192139.55E
ST ARNAUD	187.20	18	363815.90S	1431105.95E
ST ARNAUD	7.20	36	363843.76S	1431101.58E
ST ARNAUD	97.26	09	363839.72S	1431038.16E
ST ARNAUD	277.25	27	363841.91S	1431059.51E
STANTHORPE	91.19	08	283711.77S	1515820.96E
STANTHORPE	271.18	26	283712.92S	1515923.85E
STAWELL	114.74	11	370356.21S	1424336.86E
STAWELL	294.73	29	370415.27S	1424428.49E
STAWELL	185.48	18	370416.71S	1424429.49E
STAWELL	5.49	36	370444.33S	1424426.18E
STRAHAN	191.37	18	420901.40S	1451728.99E
STRAHAN	11.37	36	420940.14S	1451718.52E
STREAKY BAY	309.65	31	325025.19S	1341753.83E
STREAKY BAY	129.66	13	324957.19S	1341713.82E
STREAKY BAY	51.80	05	325040.30S	1341737.34E
STREAKY BAY	231.80	23	325024.59S	1341800.99E
SUNRISE DAM	60.30	06	290612.06S	1222651.28E
SUNRISE DAM	240.30	24	290540.68S	1222753.92E
SUNSHINE COAST	142.35	13	263459.57S	1530428.26E
SUNSHINE COAST	322.34	31	263602.62S	1530522.37E
SWAN HILL	49.03	04	352255.42S	1433151.35E
SWAN HILL	229.02	22	352234.57S	1433220.66E
SWAN HILL	90.94	08	352229.58S	1433129.55E
SWAN HILL	270.93	26	352230.37S	1433228.78E
SYDNEY/ BANKSTOWN	123.90	11R	335517.87S	1505906.73E
SYDNEY/ BANKSTOWN	303.89	29L	335536.60S	1505940.17E
SYDNEY/ BANKSTOWN	123.90	11C	335512.43S	1505904.40E
SYDNEY/ BANKSTOWN	303.90	29C	335535.23S	1505945.10E
SYDNEY/ BANKSTOWN	123.90	11L	335512.44S	1505911.93E
SYDNEY/ BANKSTOWN	303.89	29R	335532.35S	1505947.48E
SYDNEY/KINGSFORD SMITH	74.20	07	335637.46S	1510949.06E
SYDNEY/KINGSFORD SMITH	254.19	25	335615.99S	1511120.07E
SYDNEY/KINGSFORD SMITH	167.81	16R	335548.35S	1511018.43E
SYDNEY/KINGSFORD SMITH	347.80	34L	335751.35S	1511050.33E
SYDNEY/KINGSFORD SMITH	347.79	34R	335814.72S	1511137.72E
SYDNEY/KINGSFORD SMITH	167.79	16L	335705.89S	1511119.85E
TAMWORTH	132.87	12L	310415.78S	1505013.11E
TAMWORTH	312.86	30R	310504.37S	1505113.94E
TAMWORTH	132.88	12R	310452.70S	1504958.33E
TAMWORTH	312.87	30L	310517.23S	1505029.03E
TAMWORTH	73.07	06	310459.41S	1505034.46E
TAMWORTH	253.07	24	310451.45S	1505104.84E
TAMWORTH	188.25	18	310438.75S	1505047.59E
TAMWORTH	8.26	36	310510.37S	1505042.26E
TAREE	45.04	04	315334.25S	1523035.72E
TAREE	225.04	22	315259.70S	1523116.27E
TAREE	137.81	12	315304.14S	1523029.88E
TAREE	317.80	30	315317.73S	1523044.32E
TAROOM	87.15	08	254816.27S	1495345.64E
TAROOM	267.14	26	254814.51S	1495424.63E
TAROOM	129.77	12	254755.78S	1495339.30E
TAROOM	309.76	30	254818.62S	1495409.62E
TELFER	121.50	12	214237.61S	1221319.11E
TELFER	301.49	30	214311.58S	1221418.44E
TEMORA	98.89	09	342518.35S	1473027.44E
TEMORA	278.89	27	342522.44S	1473058.99E
TEMORA	188.90	18	342506.36S	1473053.62E
TEMORA	8.90	36	342549.38S	1473045.49E
TEMORA	241.88	23	342502.84S	1473051.26E
TEMORA	61.89	05	342533.13S	1472942.84E
TENNANT CREEK	74.37	07	193809.09S	1341010.92E
TENNANT CREEK	254.37	25	193751.93S	1341115.65E
TENNANT CREEK	119.25	11	193801.69S	1341033.43E
TENNANT CREEK	299.25	29	193818.44S	1341105.00E
THANGOOL	111.48	10	242933.60S	1503418.72E
THANGOOL	291.47	28	242951.77S	1503509.19E
THANGOOL	139.68	14	242931.62S	1503431.57E
THANGOOL	319.68	32	242951.33S	1503449.85E
THARGOMINDAH	51.29	04	275941.76S	1434829.13E
THARGOMINDAH	231.28	22	275924.57S	1434853.29E
THARGOMINDAH	140.65	13	275853.08S	1434827.07E
THARGOMINDAH	320.64	31	275929.84S	1434901.03E
THE GRANITES	116.97	11	203238.39S	1302025.79E
THE GRANITES	296.96	29	203312.80S	1302137.60E
THE MONUMENT	145.83	14	214807.57S	1395459.14E
THE MONUMENT	325.83	32	214858.68S	1395536.29E
THEODORE	180.06	17	245850.24S	1500535.17E
THEODORE	0.06	35	245934.10S	1500535.12E
THUNDERBOX	75.47	07	280920.43S	1205545.03E
THUNDERBOX	255.46	25	280904.13S	1205655.98E
TIBOOBURRA	29.92	02	292726.84S	1420314.92E
TIBOOBURRA	209.91	20	292658.82S	1420333.34E
TIBOOBURRA	161.13	15	292638.46S	1420313.90E
TIBOOBURRA	341.13	33	292725.58S	1420332.30E
TINDAL	138.90	14	143051.20S	1322214.41E
TINDAL	318.90	32	143151.16S	1322308.10E
TOCUMWAL	98.59	09	354836.28S	1453542.06E
TOCUMWAL	278.58	27	354842.11S	1453629.46E
TOCUMWAL	188.52	18	354814.74S	1453621.34E
TOCUMWAL	8.52	36	354855.59S	1453613.83E
TOOWOOMBA	116.82	11	273225.50S	1515445.35E
TOOWOOMBA	296.81	29	273243.39S	1515525.06E
TOOWOOMBA	72.39	06	273238.34S	1515440.25E
TOOWOOMBA	252.38	24	273231.85S	1515503.18E

AD	BRG(T)	RWY	LAT	LONG
TOWNSVILLE/ TOWNSVILLE INTL	24.16	01	191529.90S	1464553.00E
TOWNSVILLE/ TOWNSVILLE INTL	204.16	19	191417.53S	1464627.18E
TOWNSVILLE/ TOWNSVILLE INTL	73.98	07	191520.91S	1464519.96E
TOWNSVILLE/ TOWNSVILLE INTL	253.97	25	191511.06S	1464556.07E
TREPELL	143.96	14	214942.99S	1405256.73E
TREPELL	323.96	32	215030.29S	1405333.59E
TROPICANA	88.99	09	291110.20S	1243222.80E
TROPICANA	268.98	27	291109.00S	1243340.20E
TROUGHTON ISLAND	147.55	14	134454.31S	1260847.48E
TROUGHTON ISLAND	327.54	32	134521.30S	1260905.04E
TRUSCOTT-MUNGALALU	128.35	12	140457.22S	1262224.89E
TRUSCOTT-MUNGALALU	308.34	30	140533.54S	1262311.93E
TUMBY BAY	160.47	15	342124.85S	1360537.42E
TUMBY BAY	340.47	33	342158.40S	1360551.77E
TUMUT	181.95	17	351548.39S	1481426.52E
TUMUT	1.95	35	351622.76S	1481425.09E
WAGGA WAGGA	62.13	05	351001.42S	1472736.49E
WAGGA WAGGA	242.12	23	350934.56S	1472838.33E
WAGGA WAGGA	125.20	12	350951.22S	1472747.03E
WAGGA WAGGA	305.19	30	351007.14S	1472814.52E
WALGETT	58.13	05	300214.39S	1480705.94E
WALGETT	238.13	23	300146.51S	1480757.48E
WALGETT	190.59	18	300135.84S	1480735.09E
WALGETT	10.59	36	300212.66S	1480727.18E
WANGARATTA	97.91	09	362508.16S	1461758.62E
WANGARATTA	277.90	27	362510.54S	1461819.83E
WANGARATTA	188.23	18	362429.92S	1461834.82E
WANGARATTA	8.24	36	362522.53S	1461825.40E
WARBURTON	184.08	18	260706.24S	1263501.33E
WARBURTON	4.08	36	260757.77S	1263457.26E
WARRACKNABEAL	85.97	08	361919.54S	1422446.62E
WARRACKNABEAL	265.96	26	361916.41S	1422541.50E
WARRACKNABEAL	175.48	17	361902.96S	1422505.72E
WARRACKNABEAL	355.48	35	361927.64S	1422508.13E
WARREN	40.91	03	314426.20S	1474733.18E
WARREN	220.91	21	314400.42S	1474759.32E
WARREN	99.02	09	314359.77S	1474811.36E
WARREN	279.02	27	314405.82S	1474855.96E
WARRNAMBOOL	47.89	04	381755.40S	1422637.10E
WARRNAMBOOL	227.89	22	381732.15S	1422709.74E
WARRNAMBOOL	138.03	13	381723.36S	1422628.85E
WARRNAMBOOL	318.02	31	381756.44S	1422706.61E
WARWICK	98.95	09	280854.13S	1515605.65E
WARWICK	278.94	27	280902.44S	1515705.23E
WEIPA	124.25	12	124023.70S	1415458.20E
WEIPA	304.25	30	124053.84S	1415543.28E
WENTWORTH	180.96	17	340448.91S	1415328.40E
WENTWORTH	0.96	35	340519.28S	1415327.79E
WENTWORTH	271.52	26	340511.19S	1415406.75E
WENTWORTH	91.53	08	340509.98S	1415312.14E
WEST ANGELAS	45.57	04	230831.62S	1184202.52E
WEST ANGELAS	225.57	22	230749.75S	1184248.70E
WEST MUSGRAVE	90.58	09	260308.79S	1274048.84E
WEST MUSGRAVE	270.57	27	260309.48S	1274204.40E
WEST SALE	56.30	05	380541.25S	1465742.73E
WEST SALE	236.29	23	380532.23S	1465759.84E
WEST SALE	99.49	09	380522.94S	1465724.23E
WEST SALE	279.47	27	380532.57S	1465837.21E
WEST SALE	145.69	14	380530.38S	1465751.11E
WEST SALE	325.69	32	380549.13S	1465807.30E
WEST WYALONG	41.56	04	335622.91S	1471133.74E
WEST WYALONG	221.55	22	335604.00S	1471153.85E
WEST WYALONG	98.64	09	335616.89S	1471052.33E
WEST WYALONG	278.63	27	335624.61S	1471153.34E
WHITE CLIFFS	125.96	12	305057.00S	1430402.71E
WHITE CLIFFS	305.96	30	305117.58S	1430435.59E
WHITE CLIFFS	30.00	02	305124.79S	1430405.49E
WHITE CLIFFS	210.00	20	305100.36S	1430421.84E
WHYALLA	174.28	17	330304.06S	1373106.46E
WHYALLA	354.28	35	330358.54S	1373112.94E
WHYALLA	54.23	05	330335.91S	1373018.24E
WHYALLA	234.23	23	330307.47S	1373105.12E
WILCANNIA	36.21	03	313132.89S	1432230.72E
WILCANNIA	216.20	21	313108.48S	1432251.58E
WILCANNIA	96.71	09	313058.90S	1432233.77E
WILCANNIA	276.70	27	313103.06S	1432315.08E
WILLIAMTOWN	130.31	12	324713.64S	1514921.34E
WILLIAMTOWN	310.30	30	324817.85S	1515050.99E
WILUNA	146.57	15	263733.15S	1201300.93E
WILUNA	326.56	33	263822.26S	1201337.01E
WINDARLING	103.43	10	300149.61S	1192240.24E
WINDARLING	283.42	28	300203.55S	1192347.37E
WINDORAH	50.26	04	252452.03S	1423948.49E
WINDORAH	230.26	22	252423.48S	1424026.30E
WINTON	59.15	05	222154.62S	1430430.89E
WINTON	239.15	23	222139.77S	1430457.62E
WINTON	148.96	14	222125.47S	1430457.35E
WINTON	328.95	32	222204.52S	1430522.62E
WOODIE WOODIE	140.66	14	213818.82S	1211106.32E
WOODIE WOODIE	320.66	32	213909.10S	1211150.40E
WOOMERA	185.82	18	310806.44S	1364849.93E
WOOMERA	5.82	36	310923.08S	1364840.85E
WUDINNA	74.45	07	330239.85S	1352622.59E
WUDINNA	254.44	25	330231.67S	1352657.48E
WUDINNA	144.36	14	330204.01S	1352626.16E
WUDINNA	324.36	32	330243.83S	1352700.06E
WYCHEPROOF	90.25	08	360332.05S	1431402.31E
WYCHEPROOF	270.24	26	360332.15S	1431431.01E
WYCHEPROOF	180.26	17	360315.52S	1431433.55E
WYCHEPROOF	0.26	35	360348.92S	1431433.36E
WYNDHAM	124.24	12	153016.00S	1280855.59E
WYNDHAM	304.24	30	153045.39S	1280940.12E
WYNYARD	64.55	05	405952.23S	1454325.44E
WYNYARD	244.54	23	405942.24S	1454353.14E
WYNYARD	99.25	09	405948.39S	1454326.26E
WYNYARD	279.23	27	405956.99S	1454436.04E
YARRAM	62.34	05	383417.75S	1464453.71E
YARRAM	242.34	23	383401.34S	1464533.59E
YARRAM	99.20	09	383358.34S	1464457.07E
YARRAM	279.20	27	383402.26S	1464527.89E
YARRAWONGA	22.44	01	360211.69S	1460131.37E
YARRAWONGA	202.44	19	360137.94S	1460148.53E
YARRAWONGA	64.72	05	360154.72S	1460123.33E
YARRAWONGA	244.71	23	360148.55S	1460139.41E
YORKE ISLAND	121.73	12	094501.95S	1432407.14E
YORKE ISLAND	301.72	30	094517.03S	1432431.73E
YOUNG	14.80	01	341539.16S	1481443.54E
YOUNG	194.80	19	341500.88S	1481455.72E

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SECTION 19 – CONTROLLED AERODROMES

Aerodrome	State	Code	Latitude	Longitude
ADELAIDE	SA	YPAD	345642S	1383150E
ADELAIDE/PARAFIELD	SA	YPPF	344736S	1383759E
ALBURY	NSW	YMAY	360404S	1465729E
ALICE SPRINGS	NT	YBAS	234830S	1335403E
AMBERLEY	QLD	YAMB	273826S	1524243E
AVALON	VIC	YMAV	380222S	1442810E
BRISBANE	QLD	YBBN	272303S	1530703E
BRISBANE/ARCHERFIELD	QLD	YBAF	273413S	1530029E
BROOME/INTL	WA	YBRM	175658S	1221340E
CAIRNS/CAIRNS INTL	QLD	YBCS	165309S	1454519E
CAMDEN	NSW	YSCN	340225S	1504112E
CANBERRA	ACT	YSCB	351825S	1491142E
COFFS HARBOUR	NSW	YCFS	301914S	1530659E
DARWIN	NT	YPDN	122453S	1305236E
EAST SALE	VIC	YMES	380556S	1470858E
EDINBURGH	SA	YPED	344209S	1383715E
GOLD COAST	QLD	YBCG	280952S	1533017E
HAMILTON ISLAND	QLD	YBHM	202129S	1485706E
HOBART	TAS	YMHB	425010S	1473037E
KARRATHA	WA	YPKA	204244S	1164624E
LAUNCESTON	TAS	YMLT	413243S	1471251E
MACKAY	QLD	YBMK	211017S	1491047E
SUNSHINE COAST	QLD	YBSU	263612S	1530528E
MELBOURNE	VIC	YMML	374024S	1445036E
MELBOURNE/ESSENDON	VIC	YMEN	374341S	1445407E
MELBOURNE/MOORABBIN	VIC	YMMB	375833S	1450608E
NOWRA	NSW	YSNW	345656S	1503213E
OAKEY	QLD	YBOK	272441S	1514407E
PEARCE	WA	YPEA	314004S	1160054E
PERTH	WA	YPPH	315625S	1155801E
PERTH/JANDAKOT	WA	YPJT	320551S	1155252E
RICHMOND (NSW)	NSW	YSRI	333602S	1504651E
ROCKHAMPTON	QLD	YBRK	232255S	1502831E
SYDNEY/BANKSTOWN	NSW	YSBK	335528S	1505918E
SYDNEY/KINGSFORD SMITH	NSW	YSSY	335646S	1511038E
TAMWORTH	NSW	YSTW	310502S	1505048E
TINDAL	NT	YPTN	143116S	1322240E
TOWNSVILLE/TOWNSVILLE INTL	QLD	YBTL	191509S	1464555E
WILLIAMTOWN	NSW	YWLM	324742S	1515004E
WOOMERA	SA	YPWR	310839S	1364901E

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SECTION 20 – UNCERTIFIED AERODROMES LISTED IN ERSA

AIRCRAFT LANDING AREAS LISTED IN ERSA FAC

NAME	STATE	IDENT	LOCATION	
ADAMINABY	NSW	YADY	355954S	1484748E
ADELS GROVE	QLD	YALG	184133S	1383153E
ALDINGA	SA	YADG	351720S	1382936E
AMATA	SA	YAMT	260550S	1311210E
ANNA CREEK	SA	YANK	285350S	1361014E
AQUILA	QLD	YAQA	253144S	1523412E
ARAMAC	QLD	YAMC	225734S	1451509E
ARKAROOLA	SA	YARK	302423S	1392048E
ARRABURY	QLD	YARY	264126S	1410250E
ATHERTON	QLD	YATN	171543S	1453052E
AUGUSTA	WA	YAUG	341948S	1150924E
AUGUSTUS DOWNS	QLD	YAGD	183056S	1395243E
AYR	QLD	YAYR	193547S	1471929E
BACCHUS MARSH	VIC	YBSS	374400S	1442520E
BADU ISLAND	QLD	YBAU	100900S	1421027E
BALCANOONA	SA	YBLC	303204S	1392016E
BALLIDU	WA	YBIU	303536S	1164648E
BAMYILI	NT	YBMY	143111S	1325300E
BARADINE	NSW	YBAD	305718S	1490530E
BARALABA	QLD	YBAB	241112S	1495042E
BARWON FIELD	VIC	YGBF	380849S	1441021E
BARWON HEADS/ GEELONG	VIC	YBRS	381529S	1442539E
BARYULGIL	NSW	YBYL	291259S	1523654E
BEAUFORT	VIC	YBFT	372940S	1432548E
BELLBURN	WA	YBEB	173241S	1281818E
BELYANDO/LABONA	QLD	YLBA	220016S	1462150E
BETOOTA	QLD	YBEO	254142S	1404412E
BEVERLEY (WA)	WA	YBEV	320729S	1165700E
BEVERLEY MINE	SA	YBEE	301112S	1393330E
BINDOON HILL	WA	YBHL	312025S	1161118E
BLACKWATER	QLD	YBTR	233611S	1484825E
BLUEWATER PARK	QLD	YBLP	191130S	1462936E
BOIGU ISLAND	QLD	YBOI	091400S	1421300E
BOLLON	QLD	YBLL	280313S	1472842E
BOMBALA	NSW	YBOM	365418S	1491100E
BOOLEROO CENTRE	SA	YBOC	325324S	1382200E
BOOMI	NSW	YBMI	284344S	1493544E
BOONAH	QLD	YBOA	280103S	1524036E
BOORT	VIC	YBBT	360814S	1434314E
BORDERTOWN	SA	YBOR	361618S	1404318E
BORROLOOLA	NT	YBRL	160431S	1361808E
BRIDGEWATER	VIC	YBGR	363700S	1435700E
BROOKLET/ BLUEBERRY FIELDS	NSW	YBBF	284423S	1532914E
BROWNS RANGE	WA	YBNR	185344S	1285631E
BRUNY ISLAND	TAS	YBYI	431406S	1472247E
CABOOLTURE	QLD	YCAB	270437S	1525913E
CADNEY HOMESTEAD	SA	YCDH	275424S	1340321E
CAIGUNA	WA	YCAG	321649S	1252840E
CALOUNDRA	QLD	YCDR	264807S	1530619E
CALVIN GROVE	SA	YCVG	344148S	1383442E
CAMDEN HAVEN	NSW	YCMH	313954S	1524430E
CAPE LEVEQUE	WA	YCLQ	162402S	1225553E
CAPELLA	QLD	YCEL	230543S	1480026E
CARDWELL/ DALLACHY	QLD	YCDW	181042S	1455700E
CASINO	NSW	YCAS	285258S	1530401E
CASTERTON	VIC	YCTN	373648S	1412142E
CLARE VALLEY	SA	YCVA	334230S	1383500E
CLIFTON	QLD	YCFN	275540S	1515051E
CLUNY	QLD	YUNY	243041S	1393702E
COBDEN	VIC	YCDE	381936S	1430324E
COCKATOO ISLAND	WA	YCTI	160545S	1233641E
COCONUT ISLAND	QLD	YCCT	100301S	1430416E
COFFIN BAY	SA	YCOF	343520S	1353018E
COHUNA	VIC	YCOH	354937S	1441250E
COLAC	VIC	YOLA	381711S	1434047E
COLDSTREAM	VIC	YCEM	374342S	1452432E
COLLARENEBRI	NSW	YCBR	293119S	1483456E
COLLINSVILLE	QLD	YCSV	203546S	1475136E
COOINDA	NT	YCOO	125410S	1323156E
COOLAH	NSW	YCAH	314624S	1493634E
COOLATAI	NSW	YCTA	290839S	1504329E
COOMA - POLO FLAT	NSW	YPFT	361345S	1490858E
COOMINYA	QLD	YBCM	272330S	1522742E
COWELL	SA	YCWL	334002S	1365330E
CRANBOURN	TAS	YCRN	410941S	1470053E
CRESSY	VIC	YCRE	380224S	1433911E
CROOKWELL	NSW	YCRL	343000S	1492700E
CROYDON	QLD	YCRY	181303S	1421511E
CUMMINS TOWN	SA	YCMM	341510S	1354248E
DALBY	QLD	YDAY	270919S	1511602E
DARLOT	WA	YDLO	275225S	1211618E
DARNLEY ISLAND	QLD	YDNI	093444S	1434649E
DAVENPORT DOWNS	QLD	YDPD	240844S	1410644E
DELISSAVILLE	NT	YDLV	123304S	1304112E
DELTA DOWNS	QLD	YDLT	165930S	1411900E
DENMARK	WA	YDEK	345645S	1172350E
DOCHRA	NSW	YDOC	323902S	1511229E
DOCKER RIVER	NT	YDVR	245130S	1290724E
DONNINGTON AIRPARK	QLD	YDOP	193606S	1465030E
DORUNDA STATION	QLD	YDOR	163315S	1414927E
DROUIN	VIC	YDRN	381232S	1454946E
DRYSDALE RIVER	WA	YDRD	154247S	1262253E
DUMBLEYUNG	WA	YDUM	331921S	1174438E
DUNBAR	QLD	YDBR	160300S	1422400E
DUNK ISLAND	QLD	YDKI	175615S	1460826E
DUNWICH	QLD	YDUN	273100S	1532542E
DURHAM DOWNS	QLD	YDRH	270430S	1415400E
DURRIE	QLD	YDRI	254105S	1401324E
DYSART	QLD	YDYS	223720S	1482150E
ECO BEACH	WA	YECB	181924S	1220736E
EIDSVOLD	QLD	YESD	252154S	1510630E
ELIZABETH QUAY	WA	YEQY	315800S	1155142E
ELLISTON	SA	YELN	333818S	1345400E
ELROSE	QLD	YESE	205838S	1410026E
EMKAYTEE	NT	YMKT	123636S	1310310E
EMU PARK	QLD	YEMP	231524S	1504848E
ERNABELLA	SA	YERN	261545S	1321054E
EROMANGA	QLD	YEMG	264217S	1431543E
EULO	QLD	YEUO	281009S	1450230E
EUROA	VIC	YEUA	364441S	1453048E

NAME	STATE	IDENT	LOCATION	
EVANS HEAD	NSW	YEVD	290536S	1532513E
EXMOUTH	WA	YEXM	220229S	1140608E
FEDERATION	NSW	YFDN	350046S	1472225E
FREGON	SA	YFRG	264633S	1320103E
GATTON AIRPARK	QLD	YGAS	273524S	1521524E
GAWLER	SA	YGAW	343555S	1384317E
GEORGE TOWN (TAS)	TAS	YGTO	410448S	1465024E
GIBB RIVER	WA	YGIB	162507S	1262646E
GILES	WA	YGLS	250300S	1281800E
GILGANDRA	NSW	YGIL	314149S	1483810E
GLENORMISTON	QLD	YGLO	225320S	1384927E
GNARWARRE	VIC	YGNE	380954S	1440627E
GOOLGOWI	NSW	YGGI	335931S	1454309E
GOOLWA	SA	YGWA	352855S	1384505E
GREAT LAKES AIRFIELD	VIC	YGRL	375033S	1480001E
GREGORY DOWNS	QLD	YGDS	183732S	1391401E
GUNBOWER	VIC	YGBW	355759S	1442252E
GUNDAROO	NSW	YGDO	350242S	1491530E
GYMPIE	QLD	YGYM	261658S	1524207E
HAASTS BLUFF	NT	YHAA	232702S	1315105E
HARDEN	NSW	YHAE	343345S	1482330E
HAWKER	SA	YHAW	315117S	1382806E
HECK FIELD	QLD	YHEC	274603S	1532022E
HERBERTVALE CATTLEYARD	QLD	YHCS	185731S	1380344E
HERMANNSBURG	NT	YHMB	235540S	1324845E
HILLSTON	NSW	YHLS	332937S	1453125E
HOBART/ CAMBRIDGE	TAS	YCBG	424936S	1472829E
HOLBROOK	NSW	YHBK	354100S	1471900E
HOMESGLEN	VIC	YHGN	354142S	1421534E
HONEYMOON	SA	YHON	314512S	1403954E
HOOKER CREEK	NT	YHOO	181942S	1303848E
HUNGERFORD	QLD	YHRD	285946S	1442711E
IFFLEY	QLD	YIFY	185400S	1411300E
ILFRACOMBE	QLD	YILF	232818S	1443203E
INGHAM	QLD	YIGM	183938S	1460906E
INJUNE	QLD	YINJ	255100S	1483300E
INKERMAN STATION	QLD	YIKM	161345S	1412602E
INNAMINCKA	SA	YINN	274200S	1404400E
INNAMINCKA TOWNSHIP	SA	YIMT	274430S	1404442E
ISISFORD	QLD	YISF	241533S	1442527E
JAMESTOWN	SA	YJST	331132S	1383657E
JERILDERIE	NSW	YJER	352212S	1454330E
JINDABYNE	NSW	YJIN	362536S	1483606E
JUNDAH	QLD	YJDA	244953S	1430356E
JURIEN BAY	WA	YJUR	301812S	1150319E
KADINA	SA	YKDI	335812S	1373936E
KALUMBURU	WA	YKAL	141717S	1263752E
KAMILEROI	QLD	YKML	192229S	1400322E
KEITH	SA	YKTH	360651S	1401508E
KIDMAN SPRINGS	NT	YKDM	160657S	1305712E
KIDSTON	QLD	YKID	185215S	1441024E
KILCOY	QLD	YKCY	265816S	1523355E
KILLARNEY	NT	YKLE	161501S	1314449E
KIN KIN RETREAT	WA	YKKN	342245S	1161920E
KING ASH BAY	NT	YKAB	155552S	1362855E
KINGS CREEK STN	NT	YKCS	242513S	1314908E
KINGSTON	SA	YKIG	364912S	1395212E
KONDININ	WA	YKDN	322803S	1181611E
KOORALBYN	QLD	YKBN	280524S	1525027E
KUBIN	QLD	YKUB	101336S	1421325E
KYNETON (VIC)	VIC	YKTN	371332S	1442649E
LAKE KEEPIT	NSW	YKEP	305324S	1503136E
LAKE MACQUARIE AIRPORT	NSW	YLMQ	330358S	1513853E
LAKELAND DOWNS	QLD	YLND	155009S	1445051E
LAKES ENTRANCE	VIC	YLKE	375108S	1475655E
LAKESIDE AIRPARK	QLD	YLAK	204106S	1483730E
LAWLERS	WA	YLAW	280523S	1203224E
LAWN HILL	QLD	YLAH	183435S	1383505E
LEGUNE STN	NT	YLGU	151255S	1292642E
LEONGATHA	VIC	YLEG	382944S	1455135E
LETHBRIDGE AIRPORT	VIC	YLED	375508S	1440604E
LILYDALE	VIC	YLIL	374131S	1452159E
LIZARD ISLAND	QLD	YLZI	144022S	1452715E
LOCKSLEY FIELD	VIC	YLCS	364854S	1452054E
LONGDOWN	TAS	YLGD	414128S	1470836E
LORRAINE	QLD	YLOR	190023S	1395358E
LOTUS VALE STN	QLD	YLOV	170254S	1412235E
LOUTH	NSW	YLOH	303153S	1450743E
LOWER LIGHT	SA	YLLT	343100S	1382525E
LOXTON	SA	YLOX	342833S	1403950E
LYNDOCH	SA	YLYK	343718S	1385451E
MABUIAG ISLAND	QLD	YMAA	095706S	1421147E
MAITLAND (SA)	SA	YMLD	342334S	1374226E
MANGROVE	NSW	YMVM	331706S	1511246E
MOUNTAIN GLIDING				
MANSFIELD	VIC	YMFD	370400S	1460700E
MARGARET RIVER	WA	YMGT	335550S	1150600E
MARLA	SA	YALA	272003S	1333735E
MARREE	SA	YMRE	293946S	1380357E
MARYBOROUGH (VIC)	VIC	YMBU	370159S	1434232E
MELTON	VIC	YMEL	373718S	1443356E
MELVILLE WATER AERODROME	WA	YMET	315839S	1155029E
MEREENIE	NT	YMEI	235836S	1313342E
MERREDIN	WA	YMDN	313124S	1181912E
MIDDLEMOUNT	QLD	YMMU	224809S	1484217E
MILL IRON	QLD	YMIO	231926S	1504145E
MILLICENT	SA	YMCT	373501S	1402158E
MILLMERRAN	QLD	YMMN	275148S	1511630E
MINDEROO	WA	YMDR	215936S	1150242E
MINNIPA	SA	YMPA	325035S	1350840E
MITCHELL	QLD	YMIT	262900S	1475612E
MITTA MITTA	VIC	YITT	363044S	1472122E
MITTAGONG	NSW	YMIG	342654S	1503012E
MOAMA	NSW	YMMO	360428S	1444552E
MODEWARRE	VIC	YMOD	381538S	1440531E
MONKIRA	QLD	YMNK	244907S	1403312E
MONTO	QLD	YMTO	245332S	1510607E
MORNEY	QLD	YMNY	252130S	1412600E
MOUNT BEAUTY	VIC	YMBT	364343S	1471001E
MOUNT BUNDEY	NT	YMDY	125324S	1315426E
MOUNT COOLON	QLD	YMCL	212313S	1471956E
MOUNT HOUSE	WA	YMHO	170304S	1254248E
MOUNT HOWITT	QLD	YMHW	263040S	1421700E
MOUNT SANFORD STATION	NT	YMSF	165842S	1303318E
MOURA	QLD	YMOU	243642S	1495947E
MULLEWA	WA	YMWA	282831S	1153103E
MUNDUBBERA	QLD	YMDA	253556S	1511908E
MUNGINDI	NSW	YMGI	285802S	1490313E
MUNGO LODGE	NSW	YLMU	334442S	1430006E
MURGON	QLD	YMRG	261510S	1515548E
MURRAY BRIDGE	SA	YMBD	350352S	1391336E
MURRAY FIELD	WA	YMUL	323037S	1155000E

NAME	STATE	IDENT	LOCATION	
MURRAY/MER ISLAND	QLD	YMAE	095456S	1440319E
MURWILLUMBAH	NSW	YMUR	281952S	1532449E
MUTTABURRA	QLD	YMTB	223500S	1443200E
MYRUP	WA	YMYU	334722S	1215725E
NACKEROO	NT	YNKR	153436S	1302830E
NAGAMBIE-WIRRATE	VIC	YNGW	364702S	1450213E
NANANGO	QLD	YNAN	264130S	1515912E
NAPPA MERRIE	QLD	YNAP	273330S	1410800E
NAREMBEEN	WA	YNRB	320700S	1182500E
NARROGIN	WA	YNRG	325548S	1170448E
NOOSA	QLD	YNSH	262524S	1530348E
NORSEMAN	WA	YNSM	321234S	1214516E
NORTHAM	WA	YNTM	313733S	1164104E
NULLAGINE	WA	YNUL	215446S	1201155E
NULLARBOR MOTEL	SA	YNUB	312628S	1305408E
OAKY CREEK	QLD	YOAY	230335S	1482941E
OCHRE ARCH	NSW	YOCA	334521S	1480046E
OODNADATTA	SA	YOOD	273336S	1352642E
ORROROO	SA	YORR	324730S	1384000E
PACIFIC HAVEN	QLD	YPAC	251412S	1523236E
PAPUNYA	NT	YPAY	231428S	1315425E
PENFIELD	VIC	YPEF	373048S	1444154E
PENNY	WA	YPEN	284942S	1184948E
PETERBOROUGH	SA	YPTB	330018S	1385054E
PETRO STATION	NSW	YPET	335000S	1423906E
PINNARENDI	QLD	YPNA	180218S	1445300E
PINNAROO	SA	YPNN	351530S	1405641E
PITTSWORTH	QLD	YPWH	274400S	1513800E
POREPUNKAH	VIC	YPOK	364304S	1465324E
PUCKAPUNYAL	VIC	YPKL	365958S	1450346E
PUNGALINA	NT	YPUG	164319S	1372524E
QUEENSTOWN	TAS	YQNS	420432S	1453151E
QUORN	SA	YQRN	321912S	1380606E
RAYWOOD	VIC	YRYW	363230S	1441428E
REDCLIFFE	QLD	YRED	271224S	1530404E
RIDDELL	VIC	YRID	372848S	1444306E
ROBE	SA	YRBE	371035S	1394816E
ROBINHOOD	QLD	YROB	185055S	1434240E
ROLLESTON	QLD	YRLL	242742S	1483738E
ROMSEY	VIC	YRSY	372330S	1444418E
ROSE BAY	NSW	YRAY	335212S	1511547E
ROSE VALE	NSW	YRVL	345058S	1474649E
ROSEBERTH	QLD	YRSB	255000S	1393900E
ROSTELLA	TAS	YRST	411953S	1470301E
ROWSLEY/BROOKS LANDING	VIC	YBSL	374229S	1442034E
RUTLAND PLAINS	QLD	YRTP	153836S	1415036E
RYLSTONE AIRPARK	NSW	YRYL	324615S	1495936E
SAMARAI	QLD	YSAM	271422S	1514104E
SCOTIA SANCTUARY	NSW	YSCA	331218S	1411001E
SEA LAKE	VIC	YSLK	353154S	1425326E
SERPENTINE	WA	YSEN	322342S	1155224E
SHUTE HARBOUR/ WHITSUNDAY	QLD	YSHR	201642S	1484520E
SINGLETON	NSW	YSGT	323700S	1511200E
SMITHTON	TAS	YSMI	405006S	1450501E
SOMERSBY	NSW	YSMB	332204S	1511759E
SOUTH GALWAY	QLD	YSGW	254029S	1420524E
SOUTH GRAFTON	NSW	YSGR	294232S	1525542E
SOUTHPORT	QLD	YSPT	275518S	1532217E
SPRING CREEK	QLD	YSPK	183718S	1443406E
SPRINGSURE	QLD	YSPI	240749S	1480512E
STIRLING NORTH/ FLINDERS FIELD	SA	YFFD	323203S	1375129E
STIRLING STATION	QLD	YSTL	171111S	1414242E
STONEFIELD GLIDING	SA	YSFG	342030S	1391830E
STONEHENGE	QLD	YSTO	242123S	1431729E
SUNNYSIDE	NSW	YSNY	354547S	1465433E
SUNRAYSIA GLIDING	VIC	YSRG	341535S	1420330E
SURAT	QLD	YSRT	270934S	1490434E
SWAN BAY	NSW	YSWB	290257S	1531804E
TAMBO	QLD	YTMB	245020S	1461735E
TANAMI	NT	YTMN	195800S	1294332E
TARA	QLD	YTAA	270924S	1502836E
TENTERFIELD	NSW	YTFD	285928S	1515547E
THE LAKES	NSW	YLKS	314253S	1524329E
THE OAKS	NSW	YOAS	340502S	1503337E
THE VALE	TAS	YVAL	412548S	1461548E
THYLUNGRA	QLD	YTHY	260536S	1432709E
TILPA	NSW	YTLP	305532S	1442512E
TIMBER CREEK	NT	YTBR	153714S	1302644E
TOORADIN	VIC	YTDN	381256S	1452525E
TOORAWEENAH	NSW	YTWN	312630S	1485400E
TORQUAY	VIC	YTQY	381800S	1442154E
TOTTENHAM	NSW	YTOT	321522S	1472208E
TOWRANG GLIDING	NSW	YTWG	344127S	1495317E
TRURO FLAT AIRPARK	SA	YTFA	342343S	1392300E
TULLY	QLD	YTUY	175610S	1455616E
TURTLE PARK	QLD	YTPK	211230S	1485842E
TYABB	VIC	YTYA	381600S	1451030E
TYAGARAH	NSW	YTYH	283541S	1533304E
UNDARA	QLD	YUDA	181130S	1443648E
URANDANGI	QLD	YUDG	213540S	1382156E
VAN ROOK STATION	QLD	YVRS	165744S	1415709E
VICTORIA RIVER DOWNS	NT	YVRD	162413S	1310009E
WAGIN	WA	YWGN	331859S	1172137E
WAHRING FIELD	VIC	YWHG	364048S	1451436E
WAIKERIE	SA	YWKI	341103S	1400150E
WALCHA	NSW	YWCH	310026S	1513319E
WANAARING	NSW	YWAG	294242S	1441016E
WARIALDA	NSW	YWRL	293200S	1503200E
WARKWORTH	NSW	YWKW	323254S	1510127E
WARNERVALE	NSW	YWVA	331425S	1512549E
WARRABER ISLAND	QLD	YWBS	101224S	1424924E
WARRABRI	NT	YWBI	205957S	1342347E
WATERLOO (NT)	NT	YWTL	163748S	1291916E
WATTS BRIDGE	QLD	YWSG	270544S	1522735E
WAVE HILL	NT	YWAV	172337S	1310709E
WEDDERBURN	NSW	YWBN	341048S	1504832E
WELLINGTON	NSW	YWEL	322745S	1485926E
WESTBURY/ CROFTON FARM	TAS	YCRF	412804S	1465018E
WHITE GUM	WA	YWGM	315202S	1165621E
WILLIAM CREEK	SA	YWMC	285425S	1362028E
WILLIAMSON	QLD	YWIS	222824S	1501042E
WONDAI	QLD	YWND	261703S	1515141E
WONDOOLA	QLD	YWDL	183430S	1405330E
WROTHAM PARK	QLD	YWMP	163929S	1440003E
WYANDRA	QLD	YWYA	271600S	1455924E
WYREEMA	QLD	YWYR	274003S	1515116E
YAM ISLAND	QLD	YYMI	095354S	1424618E
YAMARNA	WA	YYRN	280918S	1234030E
YUENDUMU	NT	YYND	221515S	1314656E

HELICOPTER LANDING SITES LISTED IN ERSA FAC

NAME	STATE	IDENT	LOCATION	
AUST AGE OF DINOSAURS MUSEUM	QLD	YAOD	222848S	1431057E
BARRACOUTA PLATFORM	VIC	YUTA	381748S	1474034E
BATMAN PARK HELIPORT	VIC	YBPK	374920S	1445724E
BLOSSOM BANKS	QLD	YBSM	194329S	1502529E
BROWSE BASIN	WA	YBRB	135709S	1231823E
CARAVONICA	QLD	YCAV	165100S	1454139E
CHARLIE ONE	WA	YCLN	202512S	1172442E
DOLPHIN PLATFORM	VIC	YUPA	382914S	1472239E
ENOGGERA HELIPORT	QLD	YENO	272536S	1525812E
ERINA HELIPORT	NSW	YEHP	332627S	1512207E
FACING ISLAND	QLD	YFLD	235324S	1513400E
GARDEN ISLAND HELIPORT	WA	YGAD	321430S	1154102E
GLENAMPLE HELIPORT	VIC	YGHP	383937S	1430622E
GLENBROOK HLS	NSW	YGBK	334542S	1503810E
GOSFORD HOSPITAL	NSW	YXGS	332511S	1512021E
KHOLO HELIPAD	QLD	YKHO	272952S	1524628E
LONGFORD HELIPORT	VIC	YUOF	381311S	1471008E
MACLEAN HOSPITAL	NSW	YXMA	292713S	1531205E
MERRIWA HOSPITAL	NSW	YXMW	320836S	1502139E
MONARTO SAFARI PARK	SA	YOAR	350512S	1390934E
NELLY BAY	QLD	YNEY	190943S	1465113E
NEPEAN AEROSPACE PARK	NSW	YNEP	334340S	1504057E
NEWCASTLE REGIONAL HELIPORT	NSW	YNRH	325246S	1514343E
NEWCASTLE WESTPAC BASE	NSW	YXFV	325513S	1514347E
NORMANTON HELIPAD	QLD	YNTH	174039S	1410406E
ORANGE EAST HELIPORT	NSW	YOEH	331902S	1490853E
PERCH PLATFORM	VIC	YUPE	383409S	1471921E
PHILLIP ISLAND HELIPORT	VIC	YPID	383112S	1451936E
PINKENBA	QLD	YAAP	272608S	1530644E
PORT CAMPBELL HELIPORT	VIC	YPHP	383744S	1430226E
RAYNER PLACE HELIPORT	NSW	YRYP	345146S	1485602E
ROBERTSON BARRACKS	NT	YRBK	122530S	1305824E
ROCHEDALE	QLD	YRCD	273444S	1530751E
ROYAL NORTH SHORE HOSPITAL	NSW	YXNS	334916S	1511131E
ROYAL PRINCE ALFRED HOSPITAL	NSW	YRPA	335322S	1511102E
SEABUOY	WA	YSBY	202548S	1164251E
TESSA SHOALS	WA	YTES	203323S	1171437E
TULLY HOSPITAL	QLD	YXTU	175537S	1455524E
VICTOR ISLAND EAST	QLD	YVIE	211517S	1492512E
VICTOR ISLAND WEST	QLD	YVIW	211746S	1492134E
WESTMEAD HOSPITAL	NSW	YWST	334818S	1505918E
WOLGAN VALLEY HELIPORT	NSW	YWVR	331513S	1501116E
WOLLONGONG HELIPORT	NSW	YWHP	342622S	1505346E
WUJAL WUJAL	QLD	YWJL	155654S	1451907E

AIRCRAFT LANDING AREAS WITHOUT ERSA FAC - VERIFIED*

***Verified Aircraft Landing Areas are those that Airservices have a responsible person registered for the location and the associated information confirmed.**

NAME	STATE	IDENT	LOCATION	
ABBIEGLASSIE	QLD	YABG	271500S	1473500E
ABERDEEN	QLD	YABD	280406S	1503827E
ABINGDON DOWNS	QLD	YABI	173632S	1431100E
ADAVALE	QLD	YADA	255338S	1443407E
AGNES WATER	QLD	YAWT	241206S	1515330E
AILERON	NT	YALR	223911S	1332050E
ALAMEIN	SA	YAMN	323206S	1374130E
ALCOOTA STN	NT	YALC	224807S	1342413E
ALDERLEY	QLD	YALY	222939S	1393944E
ALLANDY	NSW	YALN	302317S	1423730E
ALSTONVILLE SOUTH	NSW	YAVS	285255S	1532606E
ALTON DOWNS	SA	YADS	263200S	1391600E
AMBALINDUM	NT	YABL	232122S	1344407E
AMMAROO	NT	YAMM	214420S	1351450E
AMPHITHEATRE	VIC	YATR	370951S	1432736E
ANGATJA	SA	YANJ	260600S	1302400E
ANMATJERE/ GEMTREE CARAVAN PARK	NT	YGTC	225812S	1341451E
ANMATJERE/PINE HILL STATION	NT	YPHS	222313S	1330337E
ANNANDALE	QLD	YADE	215636S	1481702E
ANTHONY LAGOON	NT	YANL	175832S	1353217E
APOLLO BAY	VIC	YAPO	384622S	1433925E
ARCADIA	QLD	YACI	251242S	1484006E
ARCHER RIVER	QLD	YARC	132626S	1425538E
ARCTURUS DOWNS HS	QLD	YATU	240214S	1482432E
ARDLETHAN	NSW	YARL	342445S	1465113E
ARDMORE	QLD	YAOR	213855S	1391137E
AREYONGA	NT	YARN	240523S	1321605E
ARMRAYNALD	QLD	YAML	175715S	1394547E
ASHFORD	NSW	YASF	291900S	1510322E

NAME	STATE	IDENT	LOCATION	
AUBURNVALE	QLD	YMFA	275447S	1515712E
AUGATHELLA	QLD	YAUA	254518S	1463512E
AVALON EAST	VIC	YAVE	380142S	1442931E
AVON DOWNS	NT	YAVD	200221S	1373118E
BALAKLAVA	SA	YBVA	340524S	1382024E
BALD HILLS	NSW	YBLI	301950S	1522732E
BALMA	NT	YLMA	131457S	1355053E
BAMBOO CREEK	WA	YBBC	205700S	1200900E
BAN BAN SPRINGS	NT	YBBS	132237S	1312943E
BANIYALA	NT	YBNI	131201S	1361336E
BARKLY DOWNS	QLD	YBAW	202945S	1382829E
BARRABA	NSW	YBBA	302337S	1503552E
BARRARATJPI	NT	YBJP	131306S	1362330E
BARRKIRA	NT	YRIA	120031S	1362752E
BARTON SIDING	SA	YBTN	303128S	1324029E
BATHURST HARBOUR	TAS	YBHB	432517S	1460944E
BEECHWORTH	VIC	YBCH	362340S	1464148E
BEEF MACHINE	WA	YBFM	334512S	1222144E
BELYANDO/MORAY DOWNS	QLD	YAMO	215637S	1463800E
BENAMBRA	VIC	YBRA	365815S	1474204E
BENDICK MURRELL	NSW	YBND	341027S	1482819E
BENING FIELD	QLD	YBEG	193919S	1461738E
BEULAH	VIC	YBEU	355908S	1422414E
BIGGENDEN	QLD	YBIN	253117S	1520246E
BILLA KALINA	SA	YBIK	295500S	1361112E
BILLABONG STN	NSW	YBST	334333S	1473026E
BINDOON	WA	YBOO	311632S	1161545E
BINGIL BAY AIRFIELD	QLD	YBBY	174807S	1460345E
BLANCHETOWN	SA	YBCN	341521S	1393558E
BLENHEIM	QLD	YBHN	273913S	1521830E
BLOOMFIELD	QLD	YBMD	155224S	1451944E
BLUE LAGOON	QLD	YBWH	134539S	1415102E
BOATMAN	QLD	YBOT	271611S	1465359E
BOLLARDS LAGOON	SA	YBLG	285855S	1405129E
BOLWARRA	QLD	YBWR	172312S	1441018E
BON BON	SA	YBBO	302424S	1352848E
BOND SPRINGS	NT	YBSP	233059S	1335057E
BOORABIN	WA	YBOB	311225S	1201908E
BOOTU CREEK	NT	YBTU	184241S	1340444E
BORDER VILLAGE	SA	YBOV	313811S	1290039E
BRACADALE STATION	SA	YBDL	362052S	1400500E
BRAIDWOOD/ PERCHERON	NSW	YPER	352037S	1495459E
BRAMPTON ISLAND	QLD	YBPI	204812S	1491612E
BRAMWELL STATION	QLD	YBWL	120822S	1423652E
BRENDLE DOWNS STATION	QLD	YTBH	283041S	1495634E
BREWON	NSW	YEWO	301431S	1473150E
BRIDPORT	TAS	YBDP	410126S	1472500E
BROOKLANDS AIR PARK	SA	YBAK	351944S	1392606E
BROWN BROTHERS	VIC	YILA	362722S	1462559E
BRUKUNGA/ CLAREMONT	SA	YCLB	345934S	1385538E
BRUNCHILLY STN	NT	YBNY	185209S	1342740E
BRUNETTE DOWNS	NT	YBRU	183815S	1355637E
BULIMBA	QLD	YBWM	165251S	1432847E
BULLAMON PLAINS	QLD	YBPL	283443S	1484802E
BULLIO	NSW	YBLO	342128S	1500958E
BULLO RIVER VALLEY	NT	YBVY	152800S	1294600E

NAME	STATE	IDENT	LOCATION	
BULMAN/DELARA	NT	YDEA	134007S	1341728E
BUNYAN	NSW	YBUY	360803S	1490755E
BURREN JUNCTION	NSW	YBRJ	300931S	1485827E
BUTHEROO STN	NSW	YBUT	314559S	1492545E
CALDERVALE STN	QLD	YCDV	250641S	1464953E
CALLINGTON	SA	YCTO	350621S	1390317E
CALTON HILLS	QLD	YCTS	200906S	1392429E
CAMBALLIN	WA	YCBL	175910S	1240952E
CAMBOOYA	QLD	YCMB	274313S	1515229E
CANOBIE	QLD	YCBE	192836S	1405536E
CAPE FLATTERY	QLD	YCFL	145813S	1451839E
CAPEL	WA	YCAP	333543S	1153418E
CARANDOTTA	QLD	YCDT	215819S	1383642E
CARCUMA/ CARCORY STATION	SA	YCST	353746S	1401232E
CARINDA	NSW	YCRA	302730S	1474234E
CARNAMAH	WA	YCNH	294102S	1155338E
CARPENTARIA DOWNS	QLD	YCPN	184302S	1441844E
CARRIETON	SA	YCRT	322400S	1383100E
CASEY SKIWAY	OTH	YCSK	661720S	1104551E
CERES	VIC	YCES	380846S	1441542E
CERVANTES	WA	YCVS	302930S	1150506E
CHADWICK	SA	YCHD	313423S	1301008E
CHARLTON	VIC	YCHL	361726S	1431952E
CHARNLEY RIVER	WA	YCYR	164400S	1252621E
CHATSWORTH STATION	QLD	YCTH	215720S	1401725E
CHEEPIE	QLD	YCPI	263727S	1450049E
CHERRY GARDENS	SA	YSCC	350531S	1383941E
CHILDERS	QLD	YCDS	251511S	1522013E
CLARA CREEK/ DUNGOWAN	QLD	YDUG	255950S	1465559E
CLIFTON HILLS	SA	YCFH	270106S	1385330E
COLEAMBALLY	NSW	YCLY	344810S	1455048E
COLLYMONGLE	NSW	YCLM	292823S	1484708E
CONJUBOY	QLD	YCJU	184108S	1444452E
COOMBING PARK	NSW	YCPK	333743S	1490729E
COONANA	WA	YCNN	310200S	1230930E
COONAWARRA	SA	YCNQ	371638S	1404842E
COONDAMBO	SA	YCDB	310325S	1355155E
COORABIE	SA	YCRB	315317S	1321705E
COORANGA	SA	YCNG	364912S	1401622E
CORDILLO DOWNS	SA	YCOD	264433S	1403810E
CORELLA PARK	QLD	YCRP	203550S	1401439E
CORMORANT	QLD	YCOT	193130S	1462025E
COWL COWL	NSW	YCLO	333621S	1451848E
CRAVENS PEAK	QLD	YCVK	231833S	1383438E
CURRANDOOLEY	NSW	YCRD	351104S	1492913E
CURTIN SPRINGS	NT	YCSP	251959S	1314531E
DALGONALLY	QLD	YDAL	200726S	1411851E
DALHOUSIE	SA	YDLH	262542S	1353024E
DALKEITH	QLD	YDKH	233051S	1431125E
DALY RIVER MISSION	NT	YDMN	134500S	1304138E
DAMPIER PENINSULA/ CYGNET BAY	WA	YCYG	162622S	1230059E
DARLINGTON	TAS	YDAR	423419S	1480417E
DAVIS PLATEAU SKIWAY	OTH	YDAV	682806S	0785114E
DAVIS SEA ICE SKIWAY	OTH	YDSI	683413S	0775722E
DEEP WATER POINT	WA	YDWP	164100S	1230500E
DELAMERE STN	NT	YDMR	153728S	1313858E
DELEGATE	NSW	YDEG	370347S	1485626E

NAME	STATE	IDENT	LOCATION	
DENMAN	NSW	YDEN	322256S	1503719E
DERRINALLUM	VIC	YDER	375603S	1431341E
DEVONCOURT	QLD	YDEV	211300S	1401400E
DEXFIELD PARK	NSW	YDFD	312522S	1524528E
DHALINYBUY	NT	YDHL	122448S	1362314E
DHURUPUTJPI	NT	YDHP	130312S	1361018E
DIG TREE	QLD	YDIG	273709S	1410424E
DIMBULAH	QLD	YDIM	170742S	1450545E
DINGADEE	QLD	YDNG	285155S	1484644E
DIXALEA/ MCMASTER FIELD	QLD	YMMD	235713S	1501619E
DONORS HILL	QLD	YDOO	184244S	1403303E
DONYDJI	NT	YDHJ	125323S	1352815E
DOOLOOGARAH	QLD	YDLG	245311S	1474731E
DOONGAN	WA	YDGN	152310S	1261818E
DOTSWOOD	QLD	YDOT	193730S	1461730E
DRUMDUFF STATION	QLD	YDDF	160307S	1430048E
DUBBO/WINGS OUT WEST	NSW	YWOW	322017S	1483142E
DUNMORE/OPAL CREEK	QLD	YAOC	274002S	1505556E
DYNEVOR DOWNS	QLD	YDNV	280600S	1442100E
EAST WALLABI ISLAND	WA	YEWI	282613S	1134408E
EDENHOPE	VIC	YEDE	370100S	1411600E
EDITHBURGH	SA	YEDB	350548S	1374406E
EL QUESTRO	WA	YEQO	160018S	1275818E
ELEANOR DOWNS	SA	YEDW	355354S	1371542E
ELIZABETH DOWNS STATION	NT	YELZ	134438S	1303018E
ELKEDRA	NT	YELK	211018S	1352636E
ELMORE	VIC	YELM	362935S	1443842E
ENEABBA	WA	YEEB	294959S	1151447E
EPIC ENERGY FIVE	SA	YEPE	315815S	1391232E
EPIC ENERGY FOUR	SA	YEPD	311051S	1392252E
EPIC ENERGY ONE	SA	YEPA	284409S	1400224E
EPIC ENERGY THREE	SA	YEPC	302106S	1393943E
EPIC ENERGY TWO	SA	YEPB	293355S	1395628E
EPSILON	QLD	YEPL	281800S	1411400E
ERUDINA	SA	YERU	312559S	1392254E
EUABALONG	NSW	YEAB	330814S	1462529E
EURELLA STATION	QLD	YEUL	263708S	1481409E
EVELYN DOWNS	SA	YEYD	281215S	1342923E
EVERARD PARK/ MIMILI	SA	YEVP	270212S	1324054E
FAIRY BOWER	NSW	YFBR	305258S	1481447E
FARNSFIELD	QLD	YFAR	250700S	1521739E
FINCH HATTON	QLD	YFHA	210827S	1483855E
FINKE	NT	YFNE	253535S	1343458E
FLINDERS ISLAND	SA	YFLS	334346S	1343005E
FORT CONSTANTINE	QLD	YFCN	202855S	1403446E
FRANKLAND VALLEY	WA	YFRK	342051S	1165650E
FRIENDLY BEACHES	TAS	YFRI	415958S	1481528E
FROME DOWNS	SA	YFRD	311313S	1394936E
GABO ISLAND	VIC	YGBO	373358S	1495441E
GALWAY DOWNS	QLD	YGWD	251104S	1424120E
GAMBOOLA	QLD	YGAM	163236S	1434012E
GAN GAN	NT	YGAN	130247S	1355700E
GILBERTON STATION	QLD	YGBS	191234S	1433948E
GLADSTONE/ PLAYSTATION	NSW	YPLS	310238S	1525610E
GLEN GARLAND STATION	QLD	YGGL	145105S	1431625E
GLEN RUTH	QLD	YGRU	180442S	1452423E
GLENDEVIE	TAS	YGVE	431354S	1470001E
GLENGYLE	QLD	YGLE	244756S	1393548E
GLENORE	QLD	YGNR	182837S	1410717E
GLENROY ESTATE	SA	YGLN	321540S	1383839E
GLOUCESTER	NSW	YGCR	320306S	1515836E
GOONOO GOONOO HS	NSW	YGGO	311757S	1505513E
GORE/ROOAROO	QLD	YGRO	281848S	1512654E
GRANADA STATION	QLD	YGNA	200552S	1402208E
GREENMOUNT	QLD	YGMT	274549S	1515530E
GREENVALE	QLD	YGNV	190000S	1450100E
GREYMARE/ MOUNTAIN STATION	QLD	YGMS	281212S	1514618E
GULGONG	NSW	YGGG	321754S	1493342E
GURRUMURRU	NT	YGUM	123540S	1361349E
HADDON RIG	NSW	YHRG	312808S	1475341E
HAIG	WA	YHAG	310000S	1260500E
HALL	NSW	YHAL	350840S	1490234E
HEADINGLY	QLD	YHDY	211916S	1381742E
HEDLOW	QLD	YHEW	231331S	1503612E
HELEN SPRINGS	NT	YHLN	182500S	1335300E
HERBERTON	QLD	YHTN	172600S	1452348E
HIDDEN VALLEY	NT	YHIV	163300S	1325400E
HIGHBURY STATION	QLD	YHHY	162528S	1430844E
HIGHLAND FARM	NSW	YHLF	343637S	1500547E
HILTABA	SA	YHTA	320833S	1350558E
HODGSON RIVER	NT	YHOV	153429S	1340544E
HOLMWOOD	SA	YMWD	365933S	1401504E
HOYLETON	SA	YHYL	340145S	1383127E
HUGHES SIDING	SA	YHGS	304300S	1293054E
HUNT FIELD	SA	YHTF	351018S	1382930E
HUTTON VALE FARM	SA	YHVF	343100S	1390618E
IFFLEY HS	QLD	YIFF	221412S	1482559E
INGOMAR	SA	YIGR	293741S	1344718E
INVERELL NORTH	NSW	YINO	294625S	1510956E
INVERLEIGH	QLD	YINV	180019S	1403207E
INVERLOCH	VIC	YIVE	383645S	1454400E
IRONGATE/FIG TREE	QLD	YFIG	273809S	1513046E
ISIS DOWNS	QLD	YISD	241312S	1443743E
IVERAGH	QLD	YIVG	240356S	1512341E
JARRA CREEK	QLD	YJRK	175322S	1454933E
JDANDBOO FIELD	VIC	YJBO	375130S	1465500E
JERICHO (TAS)	TAS	YJCO	422205S	1472011E
JINDALEE	NSW	YJDL	344937S	1484729E
JINGALUP	WA	YJIP	335927S	1165924E
JOHNSON AIRSTRIP	SA	YJOH	354836S	1374400E
KAILIS	WA	YKLS	334600S	1150233E
KALABITY STATION	SA	YKBT	315331S	1401938E
KALAMURINA	SA	YKLR	274507S	1381611E
KALINGA	QLD	YKLG	151200S	1435100E
KANGAROO WELL	SA	YKWG	314706S	1353818E
KANIVA	VIC	YKNV	362213S	1411437E
KARONIE	WA	YKRE	305800S	1223200E
KEEROONGOOLOO	QLD	YKRL	255422S	1424818E
KENMORE PARK/ YUNYARINYI	SA	YKEN	262000S	1322800E
KHANCOBAN	NSW	YKHA	361249S	1480635E
KILLIECRANKIE	TAS	YKCK	395058S	1475137E
KINDAMINDI	NSW	YKND	293732S	1490649E
KINGOONYA	SA	YKGA	305452S	1351826E
KINGVALE STATION	QLD	YKVA	154241S	1434451E

NAME	STATE	IDENT	LOCATION	
KIRKALOCKA	WA	YKRK	284132S	1174552E
KIRKIMBIE STN	NT	YKIR	174642S	1291234E
KITCHENER	WA	YKCH	310136S	1241100E
KNOCKER BAY	NT	YNBY	111909S	1320715E
KOARLO	QLD	YKOA	283758S	1503202E
KOOLAMA BAY	WA	YKOO	135615S	1271930E
KOORINGAL/ BAROCO	QLD	YBCX	272045S	1532533E
KUKERIN AIRSTRIP	WA	YKUK	331030S	1180454E
KULALI	QLD	YKUA	284021S	1491135E
KURI BAY	WA	YKRI	152828S	1243129E
KYNETON (QLD)	QLD	YKYE	234908S	1452411E
KYNUNA	QLD	YKYN	213600S	1415500E
LADY ELLIOT ISLAND	QLD	YLTT	240648S	1524256E
LAGOON BAY	TAS	YLAG	425313S	1475719E
LAKE NASH	NT	YLKN	205848S	1375503E
LAKEFIELD	QLD	YLFD	145514S	1441213E
LAMEROO	SA	YLAO	352224S	1402754E
LANGAWIRRA	NSW	YLAN	312636S	1420812E
LANGHORNE	SA	YLGH	351813S	1391602E
LAPUNYAH	QLD	YLAP	280126S	1500148E
LEETON	NSW	YLEE	342959S	1462634E
LEMONT	TAS	YLEM	421906S	1473705E
LINDA DOWNS STATION	QLD	YLDS	221203S	1384210E
LITCHFIELD STN	NT	YLIT	132548S	1302942E
LITTLE SANDY DESERT/BEYONDIE	WA	YBEI	244437S	1201925E
LIVERINGA	WA	YLIV	175639S	1241517E
LOCK	SA	YLOK	333236S	1354130E
LOCKYER WATERS/ BREEFIELD	QLD	YLWB	272814S	1522317E
LOONGANA	WA	YLGN	305630S	1270148E
LOTUS CREEK/ CROYDON	QLD	YACR	222824S	1490922E
LUSKINTYRE	NSW	YLSK	323959S	1512509E
MACLEOD/ GNARALOO BAY	WA	YGAR	234728S	1133149E
MACLEOD/ GNARALOO HOMESTEAD	WA	YGHS	234930S	1133148E
MACUMBA	SA	YMAC	271542S	1353818E
MAHANEWO	SA	YMWO	314303S	1362543E
MAINORU	NT	YMNU	140301S	1340550E
MALLAPUNYAH SPRINGS STN	NT	YMYH	165800S	1354636E
MALLOWA/KRUI	NSW	YKRU	294022S	1492716E
MANDEMAR	NSW	YMMR	342641S	1501723E
MANILLA STATION	NSW	YMAS	332250S	1420826E
MANNERS CREEK STN	NT	YMCR	220600S	1375900E
MAPOON	QLD	YMPN	120304S	1415425E
MARALINGA	SA	YMRA	300948S	1313730E
MARION DOWNS	WA	YDWN	170423S	1265053E
MARMBOO	QLD	YMBO	231800S	1432700E
MARYLAND TOO	WA	YTOO	332212S	1205254E
MATARANKA TOWNSHIP	NT	YMAR	145534S	1330352E
MAUDE CREEK	NT	YMUD	142330S	1322339E
MAWSON PLATEAU SKIWAY	OTH	YMPL	674309S	0624926E
MAWSON SEA ICE SKIWAY	OTH	YMSI	673603S	0624958E
MCCAFFREY FIELD	QLD	YMCF	272057S	1513050E
MCKINLAY	QLD	YMCK	211600S	1411800E
MEANDER LAKES	TAS	YMEA	412951S	1470133E
MENINDEE	NSW	YMED	322200S	1422418E
MENINGIE	SA	YMEG	354209S	1392039E
MERRIMBA	NSW	YRIM	311040S	1475354E
MERRINONG STATION	NSW	YMMG	290125S	1470546E
MILLERS CREEK	SA	YMIK	295829S	1360428E
MILLUNGERA	QLD	YMLL	195126S	1413342E
MINLATON	SA	YMIN	344438S	1373144E
MITCHELL PLATEAU	WA	YMIP	144725S	1254933E
MOBELLA	SA	YLLA	294754S	1332042E
MONOLON	NSW	YMLN	301309S	1431455E
MONTEJINNI	NT	YMTJ	164217S	1314403E
MOOGA/BRINDLEY PARK	QLD	YABP	261931S	1485548E
MOOLELULOOLOO	SA	YLUL	313821S	1403043E
MOONAREE	SA	YMOE	315759S	1355231E
MOONIE/ TUNGAMAH STATION	QLD	YMTU	273741S	1502932E
MOORABERREE	QLD	YMOO	251438S	1405838E
MORANBAH/RUGBY RUN	QLD	YARR	220754S	1475336E
MOREE/BEELA	NSW	YAIR	292347S	1495213E
MOREE/RURAL AIR WORK	NSW	YRAR	291820S	1494152E
MORETON	QLD	YMOT	122634S	1423820E
MORNINGTON STN	WA	YMNT	173120S	1260724E
MOROAK	NT	YORO	144900S	1334200E
MORSTONE DOWNS STATION	QLD	YMSE	193030S	1382212E
MORVEN	QLD	YMVN	262400S	1470724E
MOUNT BARNETT	WA	YBAN	164414S	1255432E
MOUNT DARE STN	SA	YMTX	260342S	1351448E
MOUNT DAVIES/ PIPALYATJARA	SA	YMDV	261024S	1290748E
MOUNT DENISON	NT	YMNN	220827S	1320409E
MOUNT EBA	SA	YMEB	301042S	1354024E
MOUNT GARNET	QLD	YMRT	174200S	1450900E
MOUNT GIBSON	WA	YGSN	293626S	1172411E
MOUNT LIEBIG	NT	YLBG	231436S	1311536E
MOUNT LINDSAY/ WATARRU	SA	YLSY	270106S	1295306E
MOUNT MULGRAVE HS	QLD	YMMH	162300S	1435900E
MOUNT PERRY	QLD	YMPY	251100S	1513900E
MOUNT RIDDOCK STN	NT	YMDK	230212S	1344128E
MOUNT WILLOUGHBY	SA	YWIB	275900S	1340900E
MOXEY FARMS	NSW	YMOX	333101S	1482111E
MUCHEA/ GREENSIDE	WA	YGSD	313126S	1155631E
MULGATHING	SA	YMGG	301345S	1335910E
MUNDINE	NSW	YDNE	283659S	1500903E
MURNPEOWIE	SA	YMNP	293535S	1390301E
MUSGRAVE ROADHOUSE	QLD	YMGV	144652S	1433012E
NAMBUCCA	NSW	YNAA	304023S	1525904E
NARYILCO	QLD	YNRL	283300S	1415500E
NATHAN RIVER STN	NT	YNAT	153513S	1352548E
NEBO	QLD	YNBO	214208S	1484140E
NEE NEE	NSW	YNEE	290700S	1500100E
NERRIMA	WA	YNER	183018S	1242350E
NETLEY STATION	NSW	YNET	323506S	1412706E
NEUMAYER VALLEY STATION	QLD	YNWM	182825S	1401331E
NEW HAVEN	NT	YNHV	224343S	1310852E

NAME	STATE	IDENT	LOCATION	
NEW LAURA	QLD	YLRS	151058S	1442045E
NEWCASTLE/ WALLSAIR	NSW	YWSR	325258S	1514020E
NEWLANDS COAL	QLD	YNEW	211018S	1475432E
NILPINNA	SA	YNPA	282900S	1355400E
NOBBYS CREEK	NSW	YNOB	281745S	1531935E
NONNING	SA	YNIG	323140S	1362942E
NOOYEAH DOWNS	QLD	YNOO	280233S	1433330E
NORTH BUNDY STATION	NSW	YNBS	345349S	1442746E
NORTH GREGORY/ ELLIOTT FIELD	QLD	YETT	250301S	1521316E
NORTH ISLAND	WA	YNTI	281800S	1133546E
NORTH WELL	SA	YNWL	305032S	1351749E
NUMERY	NT	YNUE	235950S	1352517E
NYAPARI	SA	YNYP	261116S	1301132E
NYIRRIPI	NT	YNRR	223842S	1303354E
NYMAGEE	NSW	YNYM	320314S	1461844E
OAK CREEK COAL	QLD	YOCC	230323S	1482944E
OAK VALLEY	SA	YOKV	293024S	1305206E
OBAN	QLD	YOBN	211405S	1390200E
OLD BAR	NSW	YOBR	315758S	1523530E
OLD BUNDEMAR	NSW	YBDM	314818S	1480948E
OMICRON	QLD	YOMI	284537S	1411231E
ORIELTON	QLD	YOIT	220347S	1440828E
OSBORNE ISLANDS	WA	YOSI	142131S	1260100E
OUYEN	VIC	YOUY	350519S	1422117E
PADTHAWAY STN	SA	YPDY	363638S	1403007E
PALM BEACH	NSW	YPLB	333619S	1511903E
PALMERS ISLAND/ MACLEAN	NSW	YPLI	292643S	1531600E
PALUMPA	NT	YPUA	142022S	1295152E
PANDORA	QLD	YPAN	231918S	1502148E
PASCOE RIVER	QLD	YPRV	123326S	1430718E
PASSAGE ISLAND	TAS	YPSI	402954S	1482012E
PATCHEWOLLOCK	VIC	YPCH	352212S	1421138E
PAYNES FIND	WA	YPYF	291544S	1174010E
PEAK HILL	NSW	YPKH	324350S	1481241E
PENTLAND	QLD	YPND	203200S	1452200E
PEPPIMENARTI	NT	YPEP	140839S	1300526E
PERNATTY	SA	YPTT	312900S	1372900E
PICCANINNY	QLD	YPIC	193700S	1463150E
PICCANINNY PLAINS	QLD	YPPS	130912S	1424637E
PIGEON HOLE	NT	YPGH	164900S	1311300E
PINNACLE	QLD	YPIN	154115S	1433347E
PINORA	NSW	YPNR	301537S	1513745E
PIPERS FIELD	NSW	YPIP	332239S	1493111E
PLANET DOWNS	QLD	YPDS	243220S	1485340E
PLEVNA DOWNS	QLD	YPVD	263845S	1423542E
PORT BREMMER	NT	YPBM	111326S	1321603E
PORT FAIRY	VIC	YPFA	382143S	1421552E
PORT GEORGE	WA	YPTG	152300S	1244000E
PORTIA GOLD MINE	SA	YPOA	312546S	1402529E
PRESTON FIELD	WA	YPFL	330112S	1154206E
PUK PUK	QLD	YPUK	192640S	1462440E
PYRAMID HILL	VIC	YPYD	360341S	1440736E
QUAIRADING	WA	YQDG	320024S	1172454E
QUAMBATOOK	VIC	YQBK	355114S	1433051E
RAFFLES BAY	NT	YRFB	111622S	1322307E
RAINBOW BEACH	QLD	YRBB	255118S	1530413E
RANKIN POINT	NT	YRPT	124100S	1303500E
RAT ISLAND	WA	YRAT	284312S	1134702E
RAVENSWOOD	QLD	YRVW	200600S	1465400E
RAVENSWORTH	NSW	YRWH	343739S	1441600E
RAWLINNA	WA	YRAW	310100S	1251930E
RAWNSLEY PARK	SA	YRYK	313911S	1383635E
RAYMANGIRR	NT	YRRR	122028S	1360004E
REDFORD/ REDFORD STATION	QLD	YARE	255019S	1472444E
REMLAP PARK	NSW	YREM	323330S	1515730E
REXTON	QLD	YRXN	282452S	1503152E
RICHMOND DOWNS	QLD	YRDS	203431S	1431802E
RISDON STUD	QLD	YRSS	281823S	1515827E
RIVEREN	NT	YRVE	175400S	1301300E
ROCKLANDS	QLD	YRKS	195211S	1380616E
ROEBOURNE	WA	YROE	204541S	1170922E
ROKEBY	QLD	YRBY	133836S	1423828E
ROSS RIVER	NT	YROV	233553S	1343111E
ROTHWELL	VIC	YRTH	375300S	1442636E
ROWLAND FLAT	SA	YRWF	343400S	1385700E
SAMUEL HILL	QLD	YSMH	224500S	1503800E
SANDFLY	TAS	YSFY	425856S	1471234E
SANTA TERESA	NT	YSTT	240700S	1342326E
SAWFISH CAMP	NT	YSAW	150738S	1350032E
SCAMPTON AIRFIELD	NSW	YSAF	305824S	1501059E
SEDAN	SA	YSEA	343402S	1392006E
SINCLAIR	WA	YSNC	282020S	1205110E
SKARDON RIVER	QLD	YSKR	115208S	1420058E
SOUTH WEST ROCKS	NSW	YSWK	305529S	1530139E
SPILSBY ISLAND	SA	YSPY	343930S	1362024E
ST LEONARDS	VIC	YSLE	381009S	1444118E
STAR LANDING AREA	QLD	YSTD	192030S	1461000E
STARKE FIELD	QLD	YSKF	193512S	1464650E
STOKES/ WARRENVALE STATION	QLD	YWVL	182509S	1404714E
STRADBROKE STATION	QLD	YSBO	213434S	1394215E
STRATHALBYN	SA	YSYN	351856S	1385945E
STRATHAVEN	QLD	YSVN	145400S	1425800E
STRATHBURN	QLD	YSTB	142839S	1424929E
STRATHEARN	SA	YSTR	314526S	1402033E
STRATHGUYLE	NSW	YSGL	290512S	1492247E
STRATHLEVEN	QLD	YSLN	155354S	1432300E
STRATHMORE	QLD	YSMR	175139S	1423400E
SUNBURY EAST	VIC	YSBE	373148S	1444454E
SUTHERLAND STATION	QLD	YSLD	201223S	1422536E
SWEERS ISLAND	QLD	YSWE	170715S	1393601E
TAMBAR SPRINGS	NSW	YTMS	311845S	1495023E
TARCOOLA	SA	YTAR	304210S	1343458E
TARTRUS	QLD	YTTS	225712S	1492542E
THALMERA	QLD	YTMA	243857S	1493722E
THANGOOL/ DRUMBURLE	QLD	YDRU	243913S	1503208E
THE GARDEN	NT	YGDR	231712S	1342624E
THE TWINS	SA	YTHT	295859S	1352348E
THEDA STN	WA	YTHD	144717S	1262947E
THORPDALE	VIC	YTPD	381734S	1461123E
THREE HUMMOCK ISLAND	TAS	YTHM	402705S	1445450E
TIBUC VALLEY	NSW	YTBV	311524S	1490712E
TIERAWOOMBA	QLD	YTWA	215120S	1490205E
TIPPERARY	NT	YTPA	134350S	1310232E
TOBERMOREY	NT	YTMY	221522S	1375729E
TODMORDEN	SA	YTDM	270720S	1344619E
TOGO STATION	NSW	YTOG	300501S	1493236E
TOOGOOLAWAH	QLD	YTLH	270416S	1522259E

NAME	STATE	IDENT	LOCATION	
TOOPUNTUL	NSW	YTPL	342049S	1440406E
TRAEGER	SA	YTRG	301234S	1351352E
TRANGIE	NSW	YTGI	315829S	1480012E
TRUNDLE	NSW	YTUE	325617S	1474236E
TRURO/VALLEY FARM	SA	YVAF	342314S	1390839E
TUCSON	QLD	YTCU	224100S	1432042E
TULLAMORE	NSW	YTLL	323643S	1473547E
TUMBAR STATION	QLD	YTUM	235906S	1461636E
TUMBARUMBA	NSW	YTBM	354545S	1475313E
TUNBRIDGE	TAS	YTUN	420648S	1472154E
TUREE	NSW	YTUR	315536S	1494743E
TURKEY LANE	SA	YTKL	354415S	1370756E
ULCANBAH	QLD	YULC	220146S	1455827E
UMUWA	SA	YUMU	262912S	1320224E
UNDILLA STATION	QLD	YUDL	193727S	1383818E
UPPER WARREGO/ BABBILOORA	QLD	YABB	251139S	1470832E
URAPUNGA	NT	YUPG	144219S	1343344E
VANSITTART BAY	WA	YVAN	135944S	1260828E
VASHON HEAD	NT	YVSH	110854S	1315905E
VAUGHAN SPRINGS	NT	YVNS	222000S	1305200E
WAKOOL/ TULLABURRA	NSW	YTUB	352729S	1441656E
WATERHOUSE ISLAND	TAS	YWTH	404836S	1473730E
WEDGE ISLAND	SA	YWGI	351032S	1362909E
WEILMORINGLE	NSW	YWMG	291500S	1465500E
WELLCLOSE	QLD	YWEC	253246S	1450807E
WILANDRA	NSW	YWIL	311617S	1424111E
WILKINS RUNWAY	OTH	YWKS	664129S	1113137E
WILLOWRA	NT	YWLA	211636S	1323724E
WILPENA	SA	YWPN	313100S	1383730E
WITCHELINA	SA	YWHI	300210S	1380326E
WOLLOMOMBI	NSW	YWMM	302936S	1520525E
WONGALARA	NT	YWON	140601S	1342449E
WOODSTOCK STATION	QLD	YWSN	192142S	1424540E
WOOLOOMANATA	VIC	YWOT	375612S	1442213E
WYNBRING	SA	YWYB	303326S	1333216E
YALAKUN STN	NT	YYLK	121544S	1360046E
YALDA DOWNS HS	NSW	YYLD	301541S	1425837E
YALGOO	WA	YYAL	282113S	1164044E
YARRALIN	NT	YAAL	162641S	1305250E
YEABURN	VIC	YYEA	371032S	1451923E
YORKETOWN	SA	YYOR	350012S	1373709E
YOWAH	QLD	YYWA	275700S	1443730E
YUNTA	SA	YYUN	323418S	1393350E
ZANTHUS	WA	YZAN	310200S	1233400E
ZONE FIVE	WA	YZON	334000S	1155410E

HELICOPTER LANDING SITES WITHOUT ERSA FAC - VERIFIED*

***Verified Helicopter Landing Sites are those that Airservices have a repsonsible person registered for the location and the associated information confirmed.**

NAME	STATE	IDENT	LOCATION	
AGINCOURT NORTH	QLD	YAIN	155852S	1454913E
AGINCOURT SOUTH	QLD	YAIS	160208S	1455005E
ALBURY HOSPITAL	NSW	YXAL	360445S	1465619E
ALEXANDRA	VIC	YAXA	371112S	1454252E
ALONNAH MEDICAL	TAS	YXBY	431900S	1471442E
ALTHORPE ISLAND	SA	YALT	352217S	1365137E
ANGASTON HOSPITAL	SA	YXAG	343026S	1390236E
ANGEL PLATFORM OIL RIG	WA	YAGP	192955S	1163553E
ARDROSSAN HOSPITAL	SA	YXAN	342537S	1375502E
ATHERTON HOSPITAL	QLD	YXAT	171557S	1452901E

NAME	STATE	IDENT	LOCATION	
AYR HOSPITAL	QLD	YXYR	193353S	1472433E
BAAL BONE COLLIERY	NSW	YBNE	331611S	1500331E
BALAKLAVA HOSPITAL	SA	YXBA	340821S	1382510E
BALLARAT BASE HOSPITAL	VIC	YXBT	373333S	1435044E
BARALABA HOSPITAL	QLD	YXLB	241105S	1494834E
BARMERA	SA	YBMR	341454S	1402819E
BAROSSA	OTH	YBSA	094917S	1301609E
BAYU UNDAN	WA	YBYU	110412S	1263648E
BAYU UNDAN WHP	WA	YWPB	110425S	1264053E
BEAUDESERT HOSPITAL	QLD	YXBS	275908S	1530008E
BEEFWOOD	QLD	YBFW	231842S	1482906E
BELLINGEN MEDICAL	NSW	YXEG	302713S	1525407E
BERMAGUI	NSW	YBMG	362535S	1500434E
BERRI	SA	YBRI	341630S	1403609E
BICHENO MEDICAL	TAS	YXBF	415217S	1481820E
BIGGENDEN HOSPITAL	QLD	YXBI	253025S	1520302E
BILOELA HOSPITAL	QLD	YXBZ	242337S	1503055E
BLACK TIP WHP	WA	YBCT	135342S	1282903E
BLACKWATER HOSPITAL	QLD	YXKW	233417S	1485241E
BLAYNEY MEDICAL	NSW	YXAY	333205S	1491457E
BLUE MOUNTAINS HOSPITAL	NSW	YXBM	334219S	1501920E
BOTHWELL MEDICAL	TAS	YXEL	422315S	1470022E
BOWRAVILLE MEDICAL	NSW	YXVL	303852S	1525053E
BREAM A PLATFORM	VIC	YUMA	383000S	1474620E
BREAM B PLATFORM	VIC	YURB	383102S	1475020E
BRYMAROO	QLD	YBYO	271340S	1513648E
BULGA SURFACE OPERATIONS	NSW	YBSO	324053S	1510729E
BULGA UNDERGROUND	NSW	YBGU	320430S	1510620E
BULWER/MORETON ISLAND	QLD	YXBU	270421S	1532203E
BUNDABERG HOSPITAL	QLD	YXBD	245215S	1522008E
BUNDOORA/ GRASSTREE MINE	QLD	YGTM	225921S	1483439E
BURRA	SA	YURR	334035S	1385629E
CABOOLTURE HOSPITAL	QLD	YXLT	270446S	1525747E
CAIRNS HOSPITAL	QLD	YCBH	165441S	1454608E
CANBERRA HOSPITAL	ACT	YXCB	352038S	1490600E
CAPE LAMBERT	WA	YCPL	203621S	1170953E
CARRARA	QLD	YCAX	280000S	1532200E
CASEY STATION	OTH	YCAY	661654S	1103128E
CHARTERS TOWERS HOSPITAL	QLD	YXHT	200432S	1461551E
CHERBOURG HOSPITAL	QLD	YXCH	261728S	1515726E
CHINCHILLA HOSPITAL	QLD	YXCI	264426S	1503803E
CLARE	SA	YCLA	334948S	1383655E
COBIA PLATFORM	VIC	YUBX	382659S	1481833E
COFFS HARBOUR HOSPITAL	NSW	YXOF	301901S	1530535E
COLLINSVILLE COAL	QLD	YCCL	203332S	1474814E
COOLAH HOSPITAL	NSW	YXOH	314918S	1494236E
COOMA HOSPITAL	NSW	YXCM	361432S	1490749E
COONABARABRAN HOSPITAL	NSW	YXAB	311632S	1491702E
COONALPYN	SA	YCYN	354131S	1395118E
COOTAMUNDRA HOSPITAL	NSW	YXOO	343802S	1480046E
COW BAY	QLD	YCBY	161208S	1452413E
CRADLE MOUNTAIN	TAS	YCRM	413439S	1455629E
CROOKWELL RFS	NSW	YXOK	342658S	1492809E
CROWN TOWERS HELIPORT	WA	YCRO	315744S	1155342E
CROWS NEST	QLD	YCNT	271553S	1520331E
CURTIS ISLAND/ QCLNG	QLD	YQCI	234600S	1511137E
DALBY HOSPITAL	QLD	YXDA	271002S	1511637E
DAVIS STATION	OTH	YDSN	683435S	0775803E
DERBY MEDICAL	TAS	YXDM	410842S	1474831E
DERWENT BRIDGE	TAS	YDRW	420800S	1461320E
DEVIL CREEK	WA	YDVC	205348S	1162438E
DOVER MEDICAL	TAS	YXDV	431934S	1465927E
DUBBO HOSPITAL	NSW	YXDB	321419S	1483714E
DUNEDOO HOSPITAL	NSW	YXDN	320050S	1492323E
DYKE POINT	NSW	YDYP	325515S	1514629E
EAGLEHAWK NECK MEDICAL	TAS	YXEA	430054S	1475532E
EAST INTERCOURSE	WA	YEII	203922S	1164055E
EASTERN CREEK	NSW	YECK	334815S	1505203E
ECHUNGA	SA	YECU	350610S	1384437E
EDEN MEDICAL	NSW	YXEM	370322S	1495438E
EIDSVOLD HOSPITAL	QLD	YXEI	252257S	1510731E
EUDUNDA	SA	YEDD	341052S	1390521E
FALLS CREEK	VIC	YFLK	365200S	1471700E
FIONA STANLEY HOSPITAL	WA	YXFH	320414S	1155048E
FLINDERS MEDICAL CENTRE	SA	YXFM	350113S	1383405E
FLOUNDER PLATFORM	VIC	YULX	381841S	1482622E
FORTESQUE PLATFORM	VIC	YUSU	382427S	1481641E
FREMANTLE HELIPORT	WA	YFTL	320243S	1154359E
FREYCINET PENINSULA MEDICAL	TAS	YXFP	420848S	1481635E
FSO LIBERDADE	WA	YLIB	110258S	1263706E
GAYNDAH HOSPITAL	QLD	YXGI	253755S	1513617E
GLADSTONE HOSPITAL	QLD	YXDT	235059S	1511455E
GLENBROOK NPWS	NSW	YGLK	334715S	1503631E
GLENDELL MINE	NSW	YGLM	322606S	1510352E
GOLD COAST UNIVERSITY HOSPITAL	QLD	YXHG	275734S	1532255E
GOLDFIELDS/ LOLOMA	QLD	YGOD	282810S	1514623E
GOODWYN PLATFORM	WA	YGWN	193907S	1155547E
GOONDIWINDI HOSPITAL	QLD	YXGO	283253S	1501805E

NAME	STATE	IDENT	LOCATION	
GREEN ISLAND (CAIRNS)	QLD	YGNI	164530S	1455830E
GRENFELL MEDICAL	NSW	YXGL	335422S	1480942E
GRUNDY STREET HELIPAD	QLD	YGST	165739S	1454459E
GULGONG HOSPITAL	NSW	YXGT	322128S	1493220E
GUNNEDAH HOSPITAL	NSW	YXGU	305858S	1501508E
GYMPIE HOSPITAL	QLD	YXGY	261119S	1523910E
HALIBUT PLATFORM	VIC	YUAL	382416S	1481913E
HAY HOSPITAL	NSW	YXHY	343000S	1445109E
HEIDELBERG WEST HELIPAD	VIC	YHBH	374454S	1450210E
HENLEY BROOK	WA	YHLB	314823S	1160038E
HERON ISLAND	QLD	YHRN	232630S	1515441E
HERVEY BAY HOSPITAL	QLD	YXHE	251800S	1524917E
HILLARYS MARINA HELIPAD	WA	YHMH	314929S	1154404E
HOLT STREET JETTY	QLD	YHSJ	272623S	1530627E
HORNSBY KU-RING-GAI HOSPITAL	NSW	YXHK	334212S	1510646E
HUGHENDEN HOSPITAL	QLD	YXHU	205034S	1441116E
INGHAM HEALTH SERVICE	QLD	YXGM	183906S	1460950E
INGLEWOOD HOSPITAL	QLD	YXIW	282505S	1510340E
INNISFAIL HOSPITAL	QLD	YXIS	173106S	1460148E
INTEGRA COAL	NSW	YINT	322754S	1510754E
IRONBARK MINE	QLD	YIBM	214408S	1480951E
JANDOWAE HOSPITAL	QLD	YXJN	264653S	1510617E
JINDABYNE MEDICAL	NSW	YXJD	362505S	1483655E
JOHN HUNTER HOSPITAL	NSW	YXJH	325526S	1514136E
JOYCE PALMER HEALTH SERVICE	QLD	YXPC	184357S	1463440E
KAPUNDA HOSPITAL	SA	YXKH	341952S	1385519E
KARRATHA HEALTH CAMPUS	WA	YXKR	204353S	1165026E
KATHERINE HOSPITAL	NT	YXAE	142624S	1321615E
KENNETTS STRIP	NSW	YKST	334955S	1504441E
KILCOY HOSPITAL	QLD	YXKI	265500S	1523400E
KINGAROY HOSPITAL	QLD	YXKN	263157S	1515023E
KINGFISH A PLATFORM	VIC	YUFA	383548S	1480841E
KINGFISH B PLATFORM	VIC	YUFB	383548S	1480841E
KINGSCOTE HOSPITAL	SA	YXKC	353841S	1373804E
KUMBARILLA/RUBY JO	QLD	YKUM	271346S	1505219E
KYOGLE HOSPITAL	NSW	YXKO	283742S	1530006E
LATROBE HOSPITAL	TAS	YXLF	411343S	1462518E
LAUNCESTON GENERAL HOSPITAL	TAS	YXLU	412651S	1470831E
LEETON MEDICAL	NSW	YXLE	343335S	1462417E
LEMINGTON/ HUNTER VALLEY OPERATIONS	NSW	YLHO	322805S	1505859E
LEPPINGTON PASTORAL EAST	NSW	YLPE	335506S	1504157E
LEPPINGTON PASTORAL WEST	NSW	YLPW	335527S	1504059E
LIDDELL COAL	NSW	YLID	322320S	1510012E
LIDDELL OPEN CUT MINE	NSW	YLIO	322426S	1510209E
LIFE SAVER BASE/ SYDNEY	NSW	YLSB	335940S	1511458E
LISMORE HOSPITAL	NSW	YLIH	284833S	1531732E
LITHGOW MEDICAL	NSW	YXLG	332958S	1500744E
LIVERPOOL HOSPITAL	NSW	YXLL	335513S	1505551E
LOWENDAL ISLAND	WA	YLOW	203916S	1153437E
LOXTON HOSPITAL	SA	YXLX	342720S	1403353E
LYELL MCEWIN HOSPITAL	SA	YXLQ	344452S	1383956E
MACKEREL	VIC	YUKL	382846S	1482034E
MACQUARIE ISLAND	OTH	YMQI	542958S	1585612E
MAITLAND HOSPITAL	NSW	YXMT	324535S	1513616E
MAITLAND HOSPITAL (SA)	SA	YXMQ	342216S	1374034E
MANGOOLA COAL MINE	NSW	YMCM	321743S	1504229E
MANNUM HOSPITAL	SA	YXMM	345500S	1391830E
MAREEBA HOSPITAL	QLD	YXMB	165912S	1452533E
MARLBOROUGH	QLD	YMBG	224853S	1495317E
MARLIN PLATFORM	VIC	YUPX	381350S	1481315E
MAWSON STATION	OTH	YMAO	673609S	0625225E
MENINGIE HOSPITAL	SA	YXMI	354136S	1392005E
MILES HOSPITAL	QLD	YXMS	263929S	1501147E
MILLMERRAN HOSPITAL	QLD	YXLR	275246S	1511547E
MILTON ULLADULLA HOSPITAL	NSW	YXUA	351915S	1502622E
MINLATON HOSPITAL	SA	YXMX	344603S	1373529E
MONA VALE HOSPITAL	NSW	YXMV	334106S	1511830E
MONTARA VENTURE FPSO	WA	YMVT	123935S	1243234E
MONTARA WHP	WA	YMWH	124020S	1243222E
MONTO HOSPITAL	QLD	YXOT	245201S	1510646E
MOORE REEF	QLD	YMRR	165312S	1461124E
MORUYA HOSPITAL	NSW	YXMY	355414S	1500410E
MOSSMAN HOSPITAL	QLD	YXMO	162748S	1452205E
MOUNT BARKER HOSPITAL	SA	YXBR	350453S	1385210E
MOUNT MULLIGAN LODGE	QLD	YMUZ	165155S	1445246E
MOUNT PERRY HEALTH CARE CENTRE	QLD	YXMP	251054S	1513845E
MOUNT YARRABAH	QLD	YYAR	165415S	1455031E
MOURA HOSPITAL	QLD	YXMR	243434S	1495833E
MT OWEN COAL MINE	NSW	YOCM	322341S	1510529E
MUNDUBERRA HOSPITAL	QLD	YXDR	253517S	1511735E
MURGON HOSPITAL	QLD	YXMG	261419S	1515704E

NAME	STATE	IDENT	LOCATION	
MURRAY BRIDGE HOSPITAL	SA	YXMJ	350741S	1391652E
NAMBOUR HOSPITAL	QLD	YXNA	263714S	1525703E
NANANGO HOSPITAL	QLD	YXNN	263957S	1520027E
NANGRAM/ WINDIBRI	QLD	YNGM	265233S	1501840E
NARRABRI HOSPITAL	NSW	YXNH	301933S	1494638E
NEPEAN HOSPITAL	NSW	YXNE	334534S	1504254E
NEW ROYAL ADELAIDE HOSPITAL	SA	YXAA	345515S	1383510E
NGUJIMA-YIN FLOATING	WA	YNJY	212555S	1140412E
NINGALOO VISION FPSO	WA	YNGV	212406S	1140512E
NORMAN REEF	QLD	YNOM	162530S	1455923E
NORTH RANKIN	WA	YXNR	193511S	1160820E
NORTHERN BEACHES HOSPITAL	NSW	YXNL	334503S	1511400E
NORTHERN ENDEAVOUR	OTH	YNEN	103724S	1260200E
OAK CREEK COAL TIERI TOWNSHIP	QLD	YTIE	230214S	1482055E
OATLANDS MEDICAL	TAS	YXOD	421815S	1472200E
OKHA OIL RIG FPSO	WA	YOKA	193530S	1162606E
OUSE MEDICAL	TAS	YXOS	422910S	1464258E
PARKES HOSPITAL	NSW	YXPK	330912S	1481016E
PEAK HILL HOSPITAL	NSW	YXPH	324410S	1481159E
PERISHER	NSW	YPSR	362419S	1482453E
PINE VIEW PARK	QLD	YPVP	211248S	1490136E
PLUTO ALPHA	WA	YPLA	195946S	1152207E
PORT ARTHUR	TAS	YPAR	430616S	1475133E
PORT ARTHUR MEDICAL	TAS	YXPU	430832S	1475037E
PORT BROUGHTON	SA	YPBN	333555S	1375605E
PORT HEDLAND HELIPORT	WA	YHIP	201854S	1183432E
PORT MACQUARIE BASE HOSPITAL	NSW	YXPM	312708S	1525236E
PORT PIRIE HOSPITAL	SA	YXPE	331034S	1380019E
PRELUDE FLNG	WA	YLNG	134710S	1231850E
PRINCE CHARLES HOSPITAL	QLD	YPRC	272316S	1530128E
PRINCESS ALEXANDRA HOSPITAL	QLD	YPRI	273001S	1530202E
PUNSAND BAY	QLD	YPSB	104314S	1422750E
PYRENEES VENTURE	WA	YPYV	213221S	1140655E
QUEEN ELIZABETH II MEDICAL CENTRE	WA	YXQE	315808S	1154901E
QUEENSLAND CHILDREN'S HOSPITAL	QLD	YXQC	272903S	1530137E
RAVENSWORTH COAL CHPP	NSW	YRAC	322411S	1510058E
RAVENSWORTH OPEN CUT	NSW	YROC	322656S	1510120E
REINDEER PLATFORM	WA	YRDP	200130S	1161836E
RENMARK HOSPITAL	SA	YXRM	340950S	1404441E
ROCKHAMPTON HOSPITAL	QLD	YXRK	232249S	1502940E
ROLLESTON OPEN CUT	QLD	YROL	242643S	1482505E
ROWSLEY	VIC	YRWS	374240S	1442239E
ROYAL BRISBANE HOSPITAL ALPHA	QLD	YRBH	272649S	1530142E
ROYAL BRISBANE HOSPITAL CHARLIE	QLD	YRBC	272700S	1530140E
ROYAL DARWIN HOSPITAL	NT	YXDH	122110S	1305254E
ROYAL HOBART HOSPITAL	TAS	YXHH	425247S	1471950E
RUSSELL ISLAND HLS	QLD	YXRU	273927S	1532200E
RYANS POINT	TAS	YRYA	433229S	1465342E
SADIES BEACH HELIPAD	QLD	YSBH	103437S	1421355E
SCAWFELL ISLAND	QLD	YSCF	204601S	1495713E
SCORESBY/ CARIBBEAN PARK	VIC	YSCP	375432S	1451324E
SCOTTSDALE MEDICAL	TAS	YXSO	410928S	1473043E
SHELLHARBOUR HOSPITAL	NSW	YXSH	343336S	1505030E
SHOALHAVEN EMERGENCY MANAGEMENT CENTRE	NSW	YXSE	345347S	1503526E
SINGLETON HOSPITAL	NSW	YXSI	323401S	1511113E
SNAPPER PLATFORM	VIC	YUSN	381139S	1480132E
SOUTH CAIRNS HEALTH FACILITY	QLD	YXCE	170107S	1454331E
SOUTHCARE BASE	ACT	YXSB	352243S	1491018E
ST GEORGE HOSPITAL	NSW	YXSG	335801S	1510757E
ST HELENS DISTRICT HOSPITAL	TAS	YXSD	411906S	1481431E
ST MARYS MEDICAL	TAS	YXSM	413514S	1481103E
STAG PLATFORM	WA	YSTG	201725S	1161631E
STANLEY	TAS	YSTN	404840S	1451532E
STANTHORPE HOSPITAL	QLD	YXST	283936S	1515540E
STRATHALBYN HOSPITAL	SA	YXSY	351538S	1385310E
SUMMERHILL ROAD HELIPAD	SA	YSUM	351604S	1385512E
SUNSHINE COAST HOSPITAL	QLD	YXHS	264450S	1530649E
SWANSEA MEDICAL	TAS	YXSW	420734S	1480441E
TAHMOOR MINE	NSW	YTAH	341508S	1503436E
TAMBORINE MT	QLD	YXTM	275600S	1531100E
TAMWORTH HOSPITAL	NSW	YXTW	310420S	1505536E
TANGALOOMA RESORT	QLD	YXTA	271055S	1532217E
TANUNDA HOSPITAL	SA	YXTN	343116S	1385857E
TARA HOSPITAL	QLD	YXRH	271623S	1502726E
TEXAS MULTI PURPOSE HEALTH SERVICE	QLD	YXTX	285119S	1511044E
THE GLEBE	TAS	YGBE	412536S	1470841E
THE GLEN AIRFIELD	QLD	YGEN	224921S	1501956E

NAME	STATE	IDENT	LOCATION	
THE SHOALHAVEN HOSPITAL NOWRA	NSW	YXNW	345211S	1503544E
THE VILLE	QLD	YVIL	191500S	1464934E
THREDBO	NSW	YTHB	363020S	1481810E
THREE ROCKS	QLD	YTRS	205601S	1494507E
TOOWOOMBA HOSPITAL	QLD	YXTO	273414S	1515646E
TOWNSVILLE HOSPITAL	QLD	YXTL	191913S	1464538E
TRAFALGAR LANE	TAS	YTAF	413303S	1471439E
TRIABUNNA MEDICAL	TAS	YXTB	423035S	1475443E
TUNA PLATFORM	VIC	YUNA	381012S	1482510E
TWEED VALLEY HOSPITAL	NSW	YXTV	281550S	1533359E
ULAN COAL MINES	NSW	YULN	321421S	1494444E
VICTOR HARBOR	SA	YVTH	353343S	1383623E
VICTORIA POLICE CENTRE	VIC	YVPC	374852S	1445704E
VICTORIAN HEART HOSPITAL	VIC	YXVH	375445S	1450824E
WAGGA WAGGA HOSPITAL	NSW	YXWG	350709S	1472126E
WALLAROO	SA	YWRO	335537S	1373816E
WANDA BEACH	NSW	YWAN	340223S	1510949E
WANDOO ALPHA	WA	YWAA	200812S	1162510E
WANDOO BRAVO	WA	YWAO	200726S	1162602E
WARWICK HOSPITAL	QLD	YXWA	281326S	1520100E
WEIPA HELIPORT	QLD	YWEH	123819S	1415137E
WEST KINGFISH PLATFORM	VIC	YUFW	383536S	1480620E
WEST TUNA PLATFORM	VIC	YUNW	381133S	1482319E
WESTMEAD CASB	NSW	YXWS	334809S	1505924E
WESTMEAD CHILDRENS HOSPITAL	NSW	YXWM	334808S	1505937E
WHEATSTONE PLATFORM	WA	YWTP	195548S	1152303E
WHITING PLATFORM	VIC	YUWH	381424S	1475226E
WIEAMBILLA/KENYA	QLD	YWIM	265626S	1502733E
WOLEEBEE CREEK	QLD	YEBE	261658S	1494209E
WOLLONGONG HOSPITAL	NSW	YXWL	342527S	1505256E
WOORABINDA HEALTH SERVICE	QLD	YXND	240800S	1492717E
WYOMING	QLD	YWYO	271311S	1512943E
WYONG HOSPITAL	NSW	YXWY	331537S	1512851E
YARLOOP	WA	YYLP	325723S	1155654E
YARRABAH	QLD	YYBH	165434S	1455213E
YASS HOSPITAL	NSW	YXYA	345116S	1485430E
YEA	VIC	YEAT	371257S	1452551E
YEPPOON HOSPITAL	QLD	YXPO	230803S	1504458E
YORKETOWN HOSPITAL	SA	YXYK	350108S	1373642E
YOUNG HOSPITAL	NSW	YXYO	341915S	1481717E

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SECTION 21 – NAVIGATION AIDS

NAME	TYPE	IDENT	LOCATION	
ADELAIDE	DME	AD	345649.5S	1383127.9E
ADELAIDE	DME	IAD	345636.9S	1383230.1E
ADELAIDE	GP	IAD	345636.7S	1383229.8E
ADELAIDE	LOC	IAD	345735.4S	1383055.1E
ADELAIDE	VOR	AD	345649.1S	1383128.3E
ALBANY	DME	ABA	345659.8S	1174835.5E
ALBANY	NDB	ABA	345707.8S	1174837.9E
ALBURY	DME	AY	360405.2S	1465758.3E
ALBURY	VOR	AY	360404.8S	1465757.9E
ALICE SPRINGS	DME	AS	234734.4S	1335241.0E
ALICE SPRINGS	DME	IAS	234813.3S	1335342.9E
ALICE SPRINGS	GP	IAS	234813.1S	1335343.0E
ALICE SPRINGS	LOC	IAS	234855.7S	1335513.0E
ALICE SPRINGS	NDB	AS	234640.6S	1335224.7E
ALICE SPRINGS	VOR	AS	234734.4S	1335241.6E
AMBERLEY	DME	IAM	273727.4S	1524228.9E
AMBERLEY	GP	IAM	273727.4S	1524228.9E
AMBERLEY	LOC	IAM	273859.8S	1524303.4E
AMBERLEY	TAC	AMB	273829.5S	1524258.0E
ARGYLE	DME	ARG	163804.7S	1282651.1E
ARGYLE	VOR	ARG	163754.1S	1282655.5E
ARMIDALE	DME	ARM	303139.8S	1513655.4E
ARMIDALE	NDB	ARM	303138.3S	1513654.1E
AVALON	DME	AV	380256.7S	1442733.3E
AVALON	DME	IAV	380150.2S	1442814.9E
AVALON	GP	IAV	380150.2S	1442814.9E
AVALON	LOC	IAV	380334.2S	1442750.4E
AVALON	VOR	AV	380256.0S	1442732.2E
AYERS ROCK	DME	AYE	251017.3S	1305829.2E
AYERS ROCK	NDB	AYE	251021.7S	1305829.3E
BAGOT	NDB	BGT	122423.9S	1305125.3E
BALLINA	NDB	BNA	285004.2S	1533344.6E
BANKSTOWN	NDB	BK	335542.0S	1505918.6E
BATHURST	NDB	BTH	332450.6S	1493925.2E
BEERMULLAH	TAC	REM	311624.7S	1154944.8E
BIRDSVILLE	NDB	BDV	255346.6S	1392112.3E
BOULIA	NDB	BOU	225453.2S	1395425.1E
BOURKE	NDB	BKE	300236.5S	1455657.6E
BRISBANE	DME	BN	272157.5S	1530821.4E
BRISBANE	DME	IBA	272403.2S	1530716.0E
BRISBANE	DME	IBE	272130.8S	1530709.7E
BRISBANE	DME	IBN	272248.0S	1530625.5E
BRISBANE	DME	IBS	272240.2S	1530803.5E
BRISBANE	GP	IBA	272403.1S	1530715.8E
BRISBANE	GP	IBE	272130.9S	1530709.9E
BRISBANE	GP	IBN	272248.1S	1530625.7E
BRISBANE	GP	IBS	272240.1S	1530803.3E
BRISBANE	LOC	IBA	272212.6S	1530812.8E
BRISBANE	LOC	IBE	272308.0S	1530619.4E
BRISBANE	LOC	IBN	272115.2S	1530723.9E
BRISBANE	LOC	IBS	272427.1S	1530655.9E
BRISBANE	VOR	BN	272157.9S	1530821.2E
BROKEN HILL	DME	BHI	320002.4S	1412847.3E
BROKEN HILL	NDB	BHI	315931.3S	1412806.4E
BROKEN HILL	VOR	BHI	320002.4S	1412847.9E
BROMELTON	NDB	BML	275758.0S	1525402.8E
BROOME	DME	BRM	175648.5S	1221405.2E
BROOME	NDB	BRM	175646.7S	1221407.1E
BUNDABERG	NDB	BUD	245423.7S	1521913.1E
BUSSELTON	NDB	BLN	334132.7S	1152342.6E
CAIRNS	DME	CS	165100.5S	1454438.2E
CAIRNS	DME	ICN	165209.6S	1454436.7E
CAIRNS	DME	ICS	165208.7S	1454436.3E
CAIRNS	GP	ICS	165208.6S	1454436.6E
CAIRNS	LOC	ICN	165152.8S	1454435.0E
CAIRNS	LOC	ICS	165335.6S	1454521.4E
CAIRNS	NDB	CS	165049.1S	1454408.0E
CAIRNS	VOR	CS	165100.1S	1454438.0E
CANBERRA	DME	CB	351653.3S	1491145.4E
CANBERRA	DME	ICB	351843.4S	1491147.0E
CANBERRA	GP	ICB	351843.4S	1491146.7E
CANBERRA	LOC	ICB	351714.4S	1491140.0E
CANBERRA	NDB	CB	351744.2S	1491226.6E
CANBERRA	VOR	CB	351653.2S	1491144.6E
CARNARVON	DME	CAR	245255.3S	1134022.9E
CARNARVON	NDB	CAR	245312.3S	1134009.2E
CARNARVON	VOR	CAR	245255.3S	1134022.4E
CEDUNA	NDB	CDU	320735.6S	1334337.0E
CHARLEVILLE	NDB	CV	262512.1S	1461456.4E
CHRISTMAS IS	DME	XMX	102548.5S	1054124.0E
CHRISTMAS IS	VOR	XMX	102548.8S	1054121.6E
CLONCURRY	NDB	CCY	203956.4S	1403003.8E
COBAR	NDB	CBA	313224.5S	1454755.0E
COCOS (KEELING) ISLANDS	DME	CC	121201.5S	0965028.1E
COCOS (KEELING) ISLANDS	NDB	CIL	121014.5S	0964916.3E
COCOS (KEELING) ISLANDS	VOR	CC	121202.0S	0965027.3E
COEN	NDB	COE	134557.8S	1430702.1E
COFFS HARBOUR	DME	CFS	301910.3S	1530715.7E
COFFS HARBOUR	VOR	CFS	301910.2S	1530715.2E
COOBER PEDY	NDB	CBP	290154.5S	1344325.6E
COOMA	DME	COM	362115.5S	1485727.7E
COOMA	NDB	COM	362113.6S	1485727.1E
COROWA	NDB	COR	355914.9S	1462125.9E
COWRA	NDB	CWR	335041.6S	1483911.7E
CUNDERDIN	NDB	CUN	313730.3S	1171326.5E
CUNNAMULLA	NDB	CMU	280205.2S	1453725.5E
CURTIN	DME	CIN	173519.5S	1235106.7E
CURTIN	TAC	CTN	173440.7S	1234945.4E
CURTIN	VOR	CIN	173519.6S	1235107.2E
DARWIN	DME	DN	122523.8S	1305422.8E
DARWIN	DME	IDN	122501.2S	1305332.0E
DARWIN	GP	IDN	122501.4S	1305331.9E
DARWIN	LOC	IDN	122430.8S	1305145.7E
DARWIN	TAC	DAR	122447.1S	1305300.4E
DARWIN	VOR	DN	122523.8S	1305423.3E
DERBY	NDB	DBY	172124.6S	1234001.1E
DUBBO	NDB	DU	321303.1S	1483332.7E
EAST SALE	DME	IEW	380550.3S	1470901.0E
EAST SALE	GP	IEW	380550.2S	1470901.0E
EAST SALE	LOC	IEW	380543.0S	1470730.6E
EAST SALE	NDB	ESL	380640.8S	1470934.4E
EAST SALE	TAC	ESL	380607.8S	1470916.0E
EDINBURGH	DME	IED	344150.2S	1383655.6E
EDINBURGH	GP	IED	344150.2S	1383655.5E
EDINBURGH	LOC	IED	344311.5S	1383646.8E
EDINBURGH	TAC	EDN	344217.1S	1383644.6E
EMERALD	NDB	EML	233402.8S	1481015.8E

NAME	TYPE	IDENT	LOCATION	
ESPERANCE	DME	ESP	334042.8S	1214918.1E
ESPERANCE	NDB	ESP	334113.1S	1214937.6E
ESPERANCE	VOR	ESP	334050.1S	1214925.6E
ESSENDON	DME	IEN	374347.0S	1445438.2E
ESSENDON	GP	IEN	374347.4S	1445438.0E
ESSENDON	LOC	IEN	374353.2S	1445328.6E
FORREST	NDB	FRT	305117.6S	1280557.7E
GERALDTON	DME	GEL	284725.2S	1144222.0E
GERALDTON	NDB	GEL	284754.3S	1144206.5E
GERALDTON	VOR	GEL	284725.2S	1144222.0E
GINGIN	NDB	GIG	312735.0S	1155156.0E
GLADSTONE	VOR	GLA	235154.9S	1511215.9E
GOLD COAST	DME	CG	281008.1S	1533014.2E
GOLD COAST	DME	ICG	280934.5S	1533004.2E
GOLD COAST	GP	ICG	280934.4S	1533004.4E
GOLD COAST	LOC	ICG	281042.4S	1533052.8E
GOLD COAST	NDB	CG	280953.5S	1533004.0E
GOLD COAST	VOR	CG	281008.2S	1533014.7E
GOULBURN	NDB	GLB	344825.8S	1494413.8E
GOVE	DME	GV	121554.0S	1364858.6E
GOVE	NDB	GV	121612.8S	1364927.6E
GOVE	VOR	GV	121554.1S	1364859.1E
GRAFTON	NDB	GFN	294535.0S	1530138.8E
GRIFFITH	NDB	GTH	341637.9S	1460324.2E
GROOTE EYLANDT	DME	GTE	135831.3S	1362717.9E
GROOTE EYLANDT	NDB	GTE	135830.2S	1362719.6E
HALLS CREEK	NDB	HLC	181359.2S	1274020.8E
HAMILTON	NDB	HML	373857.4S	1420328.3E
HOBART	DME	HB	424957.6S	1473038.8E
HOBART	DME	IHB	424948.4S	1473021.6E
HOBART	GP	IHB	424948.7S	1473021.3E
HOBART	LOC	IHB	425047.8S	1473133.5E
HOBART	VOR	HB	424958.0S	1473038.4E
HOOKER CREEK	NDB	HOO	181951.4S	1303813.9E
HORN ISLAND	NDB	HID	103531.4S	1421733.2E
HUGHENDEN	NDB	HUG	204914.2S	1441344.5E
INVERELL	NDB	IVL	295304.9S	1510823.9E
JANDAKOT	NDB	JT	320609.7S	1155312.2E
KALGOORLIE	DME	KG	304723.4S	1212710.6E
KALGOORLIE	NDB	KG	304743.1S	1212748.1E
KALGOORLIE	VOR	KG	304723.4S	1212710.0E
KARRATHA	DME	KA	204254.4S	1164626.0E
KARRATHA	NDB	KA	204221.9S	1164702.3E
KARRATHA	VOR	KA	204254.3S	1164626.2E
KING ISLAND	NDB	KII	395320.8S	1435231.2E
KUNUNURRA	DME	KU	154631.8S	1284231.9E
KUNUNURRA	NDB	KU	154702.1S	1284214.3E
KUNUNURRA	VOR	KU	154631.7S	1284231.4E
LATROBE VALLEY	NDB	LTV	381209.1S	1462832.6E
LAUNCESTON	DME	ILT	413255.9S	1471259.3E
LAUNCESTON	DME	LT	413237.7S	1471247.0E
LAUNCESTON	GP	ILT	413256.1S	1471259.0E
LAUNCESTON	LOC	ILT	413203.2S	1471206.0E
LAUNCESTON	NDB	LT	413339.8S	1471330.3E
LAUNCESTON	VOR	LT	413237.8S	1471247.7E
LEARMONTH	DME	LM	221405.4S	1140538.3E
LEARMONTH	NDB	LM	221429.5S	1140544.7E
LEARMONTH	TAC	LMO	221328.2S	1140532.8E
LEARMONTH	VOR	LM	221405.4S	1140538.9E
LEIGH CREEK	NDB	LEC	303555.4S	1382632.1E
LEINSTER	NDB	LST	275026.3S	1204201.0E
LEONORA	NDB	LEO	285243.9S	1211913.0E
LOCKHART RIVER	NDB	LHR	124718.9S	1431813.5E
LONGREACH	NDB	LRE	232542.3S	1441720.9E
LORD HOWE ISLAND	DME	LHI	313144.4S	1590421.3E
LORD HOWE ISLAND	NDB	LHI	313144.1S	1590422.6E
MACKAY	DME	MK	211022.9S	1491114.6E
MACKAY	NDB	MK	210944.1S	1491110.5E
MACKAY	VOR	MK	211022.8S	1491114.0E
MANGALORE	VOR	MNG	365309.2S	1451139.2E
MANINGRIDA	NDB	MGD	120345.9S	1341354.0E
MEEKATHARRA	DME	MEK	263625.4S	1183156.3E
MEEKATHARRA	NDB	MEK	263656.0S	1183224.6E
MEEKATHARRA	VOR	MEK	263625.3S	1183157.0E
MELBOURNE	DME	IMS	373924.1S	1445001.2E
MELBOURNE	DME	IMW	373938.2S	1445040.4E
MELBOURNE	DME	ML	373936.3S	1445031.8E
MELBOURNE	GBAS	YMML	374007.0S	1445006.0E
MELBOURNE	GP	IMS	373924.1S	1445001.5E
MELBOURNE	GP	IMW	373938.5S	1445040.3E
MELBOURNE	LOC	IMS	374119.1S	1445029.5E
MELBOURNE	LOC	IMW	373936.2S	1444836.3E
MELBOURNE	VOR	ML	373936.5S	1445031.2E
MERIMBULA	DME	MER	365452.3S	1495357.4E
MERIMBULA	NDB	MER	365451.3S	1495358.0E
MILDURA	DME	IMI	341341.7S	1420437.1E
MILDURA	DME	MIA	341330.2S	1420438.3E
MILDURA	GP	IMI	341341.7S	1420437.1E
MILDURA	LOC	IMI	341349.1S	1420548.2E
MILDURA	NDB	MIA	341452.1S	1420426.1E
MILDURA	VOR	MIA	341330.7S	1420438.2E
MOOMBA	DME	OOM	280615.4S	1401158.8E
MOOMBA	NDB	OOM	280615.6S	1401156.9E
MOORABBIN	NDB	MB	375835.4S	1450525.2E
MOREE	NDB	MOR	292950.2S	1495105.6E
MOUNT GAMBIER	NDB	MTG	374509.2S	1404644.5E
MOUNT GAMBIER	VOR	MTG	374505.0S	1404707.0E
MOUNT ISA	DME	MA	203952.7S	1392908.9E
MOUNT ISA	NDB	MA	204031.5S	1392911.6E
MOUNT ISA	VOR	MA	203952.6S	1392908.3E
MOUNT MAGNET	NDB	MOG	280350.8S	1175037.4E
MUDGEE	NDB	MDG	323355.3S	1493658.5E
NARRABRI	NDB	NBR	301914.7S	1494952.1E
NEWMAN	DME	NWN	232515.9S	1194811.4E
NEWMAN	NDB	NWN	232504.9S	1194750.7E
NEWMAN	VOR	NWN	232515.9S	1194810.9E
NORFOLK IS	DME	NF	290250.8S	1675553.3E
NORFOLK IS	NDB	NF	290026.1S	1675515.0E
NORFOLK IS	VOR	NF	290250.4S	1675555.8E
NORMANTON	NDB	NTN	174144.7S	1410422.9E
NOWRA	DME	INA	345613.6S	1503253.3E
NOWRA	GP	INA	345613.6S	1503253.2E
NOWRA	LOC	INA	345706.0S	1503159.1E
NOWRA	NDB	NWA	345704.4S	1503147.2E
NOWRA	TAC	NWA	345700.2S	1503159.8E
OAKEY	DME	IOK	272414.5S	1514424.5E
OAKEY	DME	OK	272358.5S	1514416.8E
OAKEY	GP	IOK	272414.5S	1514424.5E
OAKEY	LOC	IOK	272459.3S	1514452.5E
OAKEY	NDB	OK	272516.9S	1514413.8E
OAKEY	VOR	OK	272358.8S	1514416.3E
PARABURDOO	DME	PBO	231021.7S	1174412.7E
PARABURDOO	NDB	PBO	231043.6S	1174433.1E
PARABURDOO	VOR	PBO	231021.4S	1174413.3E
PARAFIELD	NDB	PF	344747.3S	1383752.2E
PARKES	DME	PKS	330752.7S	1481414.9E
PARKES	NDB	PKS	330842.9S	1481509.4E
PARKES	VOR	PKS	330752.6S	1481414.3E
PEARCE	DME	IPC	314051.8S	1160104.3E
PEARCE	GP	IPC	314051.8S	1160104.3E

NAME	TYPE	IDENT	LOCATION	
PEARCE	GP	IPE	313953.8S	1160046.0E
PEARCE	LOC	IPC	313917.3S	1160045.8E
PEARCE	LOC	IPE	314112.4S	1160101.0E
PEARCE	MM	IPE	313910.8S	1160044.9E
PEARCE	NDB	PEA	313915.8S	1160108.1E
PEARCE	OM	IPE	313439.3S	1160007.3E
PEARCE	TAC	PEA	314026.0S	1160103.0E
PERTH	DME	IGD	315553.0S	1155809.8E
PERTH	DME	IPH	315601.1S	1155836.9E
PERTH	DME	IPN	315722.0S	1155742.6E
PERTH	DME	PH	315642.2S	1155734.4E
PERTH	GP	IGD	315553.0S	1155809.5E
PERTH	GP	IPH	315600.7S	1155836.6E
PERTH	GP	IPN	315721.9S	1155742.3E
PERTH	LOC	IGD	315742.9S	1155731.6E
PERTH	LOC	IPH	315631.9S	1155724.6E
PERTH	LOC	IPN	315533.5S	1155809.2E
PERTH	VOR	PH	315642.2S	1155733.2E
PORT HEDLAND	DME	PD	202242.5S	1183722.3E
PORT HEDLAND	NDB	PD	202316.2S	1183837.6E
PORT HEDLAND	VOR	PD	202242.5S	1183721.8E
PORT LINCOLN	NDB	PLC	343615.9S	1355223.7E
PORT MACQUARIE	NDB	PMQ	312608.4S	1525200.3E
PROSERPINE	DME	PN	202948.7S	1483310.2E
PROSERPINE	VOR	PN	202948.8S	1483310.7E
RICHMOND	DME	IRI	333626.9S	1504723.3E
RICHMOND	GP	IRI	333626.9S	1504723.3E
RICHMOND	LOC	IRI	333601.8S	1504600.8E
RICHMOND (NSW)	NDB	RIC	333549.0S	1504635.0E
RICHMOND (NSW)	TAC	RIC	333626.2S	1504756.1E
ROCKHAMPTON	DME	RK	232258.1S	1502818.0E
ROCKHAMPTON	NDB	RK	232215.3S	1502831.1E
ROCKHAMPTON	VOR	RK	232258.1S	1502817.5E
ROMA	NDB	ROM	263235.1S	1484654.1E
SCHERGER	TAC	SGR	123710.9S	1420520.0E
SHEPPARTON	NDB	SHT	362542.1S	1452345.7E
ST GEORGE	NDB	SGE	280249.8S	1483549.8E
SUNSHINE COAST	DME	SU	263551.7S	1530525.1E
SUNSHINE COAST	NDB	SU	263531.9S	1530530.2E
SUNSHINE COAST	VOR	SU	263551.7S	1530525.1E
SWAN HILL	NDB	SWH	352249.8S	1433225.1E
SYDNEY	DME	IKN	335805.8S	1511129.1E
SYDNEY	DME	IKS	335558.5S	1511015.8E
SYDNEY	DME	ISN	335741.1S	1511053.4E
SYDNEY	DME	ISS	335715.0S	1511127.3E
SYDNEY	DME	ISW	335622.9S	1511109.5E
SYDNEY	DME	ISY	335638.7S	1511002.8E
SYDNEY	DME	SY	335637.6S	1511057.4E
SYDNEY	GBAS	YSSY	335753.0S	1511105.0E
SYDNEY	GP	IKN	335805.8S	1511129.3E
SYDNEY	GP	IKS	335558.5S	1511016.1E
SYDNEY	GP	ISN	335741.1S	1511053.0E
SYDNEY	GP	ISS	335715.0S	1511127.0E
SYDNEY	GP	ISW	335622.6S	1511109.4E
SYDNEY	GP	ISY	335638.5S	1511002.7E
SYDNEY	LOC	IKN	335651.4S	1511116.1E
SYDNEY	LOC	IKS	335801.0S	1511052.8E
SYDNEY	LOC	ISN	335539.1S	1511016.0E
SYDNEY	LOC	ISS	335824.1S	1511140.2E
SYDNEY	LOC	ISW	335638.9S	1510943.0E
SYDNEY	LOC	ISY	335613.4S	1511131.2E
TAMWORTH	DME	ITW	310453.0S	1505108.2E
TAMWORTH	DME	TW	310357.8S	1504948.3E
TAMWORTH	GP	ITW	310453.0S	1505108.2E
TAMWORTH	LOC	ITW	310412.1S	1505008.5E
TAMWORTH	NDB	TW	310416.2S	1504952.2E
TAMWORTH	VOR	TW	310357.9S	1504948.9E
TENNANT CREEK	DME	TNK	193805.0S	1341054.1E
TENNANT CREEK	NDB	TNK	193839.4S	1341031.2E
TENNANT CREEK	VOR	TNK	193805.1S	1341055.0E
TINDAL	DME	ITN	143039.3S	1322157.6E
TINDAL	GP	ITN	143039.3S	1322157.5E
TINDAL	LOC	ITN	143159.0S	1322315.2E
TINDAL	NDB	TN	143056.9S	1322137.5E
TINDAL	TAC	TDL	143124.4S	1322222.8E
TINDAL	VOR	TN	143109.1S	1322215.6E
TOWNSVILLE	DME	ITL	191518.6S	1464552.3E
TOWNSVILLE	DME	TL	191439.1S	1464529.6E
TOWNSVILLE	GP	ITL	191518.7S	1464552.6E
TOWNSVILLE	LOC	ITL	191406.8S	1464632.2E
TOWNSVILLE	NDB	TVL	191449.0S	1464544.3E
TOWNSVILLE	TAC	TVL	191644.5S	1464433.4E
TOWNSVILLE	VOR	TL	191439.1S	1464529.1E
WAGGA WAGGA	DME	IWG	350942.7S	1472831.0E
WAGGA WAGGA	DME	WG	350956.6S	1472808.2E
WAGGA WAGGA	GP	IWG	350942.4S	1472830.9E
WAGGA WAGGA	LOC	IWG	351004.2S	1472730.1E
WAGGA WAGGA	NDB	WG	350946.9S	1472720.1E
WAGGA WAGGA	VOR	WG	350956.7S	1472808.7E
WALGETT	NDB	WLG	300138.2S	1480725.6E
WARBURTON	NDB	WBR	260741.4S	1263446.9E
WEIPA	DME	WP	124024.8S	1415521.4E
WEIPA	NDB	WP	123941.9S	1415355.7E
WEIPA	VOR	WP	124024.8S	1415520.9E
WEST MAITLAND	NDB	WMD	324518.2S	1513157.9E
WHYALLA	NDB	WHA	330329.2S	1373127.2E
WILLIAMTOWN	DME	IWM	324723.7S	1514926.4E
WILLIAMTOWN	GP	IWM	324723.7S	1514926.4E
WILLIAMTOWN	LOC	IWM	324823.1S	1515058.3E
WILLIAMTOWN	NDB	WLM	324812.1S	1514943.6E
WILLIAMTOWN	TAC	WLM	324749.7S	1514959.2E
WILUNA	NDB	WLU	263729.2S	1201312.0E
WINDORAH	NDB	WDH	252439.3S	1423947.5E
WOLLONGONG	NDB	WOL	343328.6S	1504727.6E
WOOMERA	NDB	WR	310836.5S	1364829.7E
WYNYARD	NDB	WYY	405952.7S	1454229.6E

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SECTION 22 – IFR WAYPOINTS

WAYPOINT	LOCATION	
AB2EA	355604.2S	1471333.3E
AB2EF	360250.8S	1470643.1E
AB2EH	360423.2S	1465431.6E
AB2EI	360102.9S	1471253.5E
AB2WF	360441.8S	1465203.3E
AB2WH	355330.1S	1470509.0E
AB2WI	360526.5S	1464604.5E
AB2WT	360307.6S	1470143.4E
ABARB	325106.4S	1545604.9E
ABASS	343500.2S	1505636.4E
ABBEY	342410.7S	1510541.2E
ABLOK	124304.4S	1432624.4E
ABTOD	325942.0S	1350800.0E
ABTOX	184712.9S	1471014.8E
ABVAS	225618.4S	1500156.1E
ABVOG	374021.3S	1443915.7E
ABVOM	292037.8S	1681033.0E
ABVUV	123100.0S	1292600.0E
ACKER	120116.1S	1321218.2E
ACOOL	300000.0S	1100000.0E
ACTIN	333013.3S	1380133.3E
AD010	350032.4S	1382231.6E
AD020	350225.5S	1382525.6E
AD030	350021.2S	1382653.6E
AD040	345140.9S	1383930.3E
AD050	345802.6S	1382433.5E
AD060	350302.7S	1382937.3E
ADBER	122111.0S	1305741.4E
ADGAD	250000.0S	1525500.0E
ADGET	273025.1S	1531943.2E
ADKIV	140154.8S	1322940.4E
ADKOP	234828.4S	1334839.3E
ADKUL	092436.9S	1295619.5E
ADLAG	183839.6S	1463816.4E
ADLEK	355958.1S	1464858.8E
ADLOB	204809.9S	1165255.5E
ADLOS	232909.7S	1501942.4E
ADLOT	141000.0S	1231900.0E
ADLUR	233806.2S	1502756.8E
ADMAK	282037.6S	1535209.6E
ADMAR	301922.0S	1515442.7E
ADNOD	190102.8S	1464748.5E
ADNUK	264005.0S	1534826.0E
AE2EA	243610.9S	1185057.0E
AE2EB	244137.2S	1185300.4E
AE2EC	244514.7S	1184806.9E
AE2EF	243851.7S	1184227.1E
AE2EH	243647.2S	1183432.9E
AE2EI	244014.5S	1184743.7E
AE2WD	243846.4S	1182328.8E
AE2WE	243319.7S	1182126.7E
AE2WF	243606.7S	1183159.1E
AE2WG	242943.0S	1182620.5E
AE2WH	243810.8S	1183951.1E
AE2WI	243443.3S	1182642.8E
AG2ND	162409.0S	1282728.2E
AG2NE	162248.2S	1283316.3E
AG2NF	163208.8S	1282927.8E
AG2NG	162736.2S	1283634.1E
AG2NH	164045.3S	1282643.7E
AG2NI	162728.5S	1283122.0E
AG2NM	163649.2S	1282733.4E
AG2SA	165336.1S	1282945.9E
AG2SB	165621.1S	1282430.5E
AG2SC	165232.2S	1282001.7E
AG2SF	164622.5S	1282541.1E
AG2SH	163249.2S	1283205.0E
AG2SI	165121.8S	1282505.8E
AG2SM	163923.5S	1282630.5E
AG2ST	163501.4S	1282701.3E
AGAGO	281312.7S	1364538.7E
AGELU	314953.9S	1154323.6E
AGETA	300143.1S	1480742.3E
AGIGA	122403.6S	1313241.4E
AGIVA	272713.2S	1515559.9E
AGONI	274332.4S	1523433.6E
AGPOK	192300.0S	1464900.0E
AGPUD	263009.5S	1310748.5E
AGRAX	224017.4S	1415029.6E
AGREK	270120.1S	1211921.5E
AGROS	342459.5S	1375336.0E
AGSAL	263430.0S	1531346.8E
AGSAX	345558.1S	1381840.5E
AGSEL	195528.5S	1094100.9E
AGSIR	191209.0S	1464715.4E
AGTEK	280901.3S	1533826.0E
AGTEV	373149.3S	1445733.9E
AGTOR	304713.6S	1490740.7E
AGUST	133743.2S	1311215.0E
AGVAL	122700.0S	1340600.0E
AGVIT	191109.1S	1464922.5E
AHOSK	404158.0S	1461236.6E
AIDEN	235558.5S	1335119.5E
AKALU	342230.5S	1550950.1E
AKBUG	185707.6S	1462625.5E
AKDAV	330146.5S	1361212.9E
AKDEL	375003.6S	1445207.8E
AKEMU	335644.8S	1504615.9E
AKERO	264226.7S	1532138.2E
AKEVU	243836.0S	1472724.0E
AKINU	204151.7S	1430636.2E
AKISO	271415.4S	1401106.5E
AKLAB	400000.1S	1453045.6E
AKLIM	351058.3S	1494739.6E
AKLOL	325337.9S	1520730.9E
AKMER	312530.6S	1155905.4E
AKMIR	341042.8S	1500624.3E
AKNEV	331408.6S	1491405.8E
AKNOK	341135.9S	1415249.4E
AKNON	273827.0S	1524243.0E
AKNUD	122425.5S	1312026.2E
AKNUM	353354.6S	1424716.5E
AKOBA	264215.0S	1530344.0E
AKOGI	205848.9S	1152358.5E
AKOGU	163633.8S	1453321.6E
AKPAL	322224.1S	1491046.7E
AKROM	182113.7S	1464801.0E
AKRUM	171400.9S	1192059.8E
AKRUN	334236.0S	1250000.0E
AKRUS	324805.2S	1515951.2E
AKSID	374552.9S	1450540.9E
AKSOS	330506.1S	1164658.5E
AKTAM	394214.6S	1461429.2E
AKTEG	330210.8S	1510028.8E
AKTOB	273401.7S	1530004.7E
AKUKO	090030.0S	1022106.0E
AKUMI	251414.1S	1471922.1E
AKUVO	204316.0S	1152403.6E
AKVEM	273233.5S	1512812.1E
AKVIN	375546.4S	1470052.6E
AKVOG	281256.2S	1533218.0E
AL2ED	350034.8S	1180015.5E
AL2EE	350614.7S	1180018.3E
AL2EF	350036.9S	1175322.3E
AL2EG	350616.8S	1175324.7E
AL2EH	345458.6S	1174627.3E
AL2EI	350325.8S	1175650.2E
AL2WA	345102.0S	1173324.4E
AL2WB	344522.0S	1173433.1E
AL2WC	344418.7S	1174123.7E
AL2WF	345222.8S	1174313.4E
AL2WH	345831.2S	1175048.0E
AL2WI	344852.4S	1173853.2E
ALAKU	210016.2S	1201613.7E
ALALI	324749.7S	1514959.2E
ALASU	330000.0S	1440000.0E
ALAXU	251308.0S	1493049.2E
ALBAK	374436.0S	1444236.0E
ALBEE	192241.8S	1460822.3E
ALBIX	333254.0S	1280000.0E
ALBUB	272456.1S	1525400.2E
ALBUT	354116.9S	1392052.6E
ALBUX	200116.3S	1481254.9E
ALDAR	293548.0S	1521040.9E
ALDAT	345631.8S	1381331.8E
ALDEL	252843.0S	1180931.6E
ALDIM	234441.7S	1334720.1E
ALDOP	350345.4S	1492256.7E
ALEGO	103824.0S	1250800.0E
ALIRA	180345.6S	1234845.9E
ALLEE	130150.0S	1312934.0E
ALLOC	335436.3S	1524212.6E
ALONE	270600.0S	1495330.0E
ALPAL	391606.4S	1441639.6E
ALTIR	323936.0S	1403012.0E
ALTRO	330958.1S	1402035.4E
ALULU	211426.7S	1172050.9E
ALVES	020000.0S	0860000.0E
ALWYN	315122.0S	1160730.8E
AMANA	314527.8S	1163743.0E
AMBLE	271736.0S	1530542.0E
AMBND	272439.1S	1524227.9E
AMBNE	272316.9S	1523612.4E
AMBNF	273237.8S	1524016.6E
AMBNG	272803.6S	1523237.6E
AMBNH	274355.1S	1524512.5E
AMBNI	272757.4S	1523814.4E
AMBNM	273718.2S	1524219.0E
AMBSF	274445.5S	1524400.7E
AMBSI	274844.8S	1524430.2E
AMBSK	275144.2S	1524452.3E
AMBSL	275057.8S	1523926.7E
AMBSM	273946.5S	1524323.8E
AMBWF	274136.0S	1523753.8E
AMBWH	272758.9S	1524150.8E
AMBWI	274431.3S	1523319.1E
AMBWJ	274726.4S	1522844.1E
AMBWM	273840.6S	1524228.3E
AMBWN	274140.8S	1522839.8E
AMELI	375421.3S	1471404.1E
AMITY	272541.8S	1533025.8E
AMOCO	240000.0S	1521230.0E
AMSTA	291207.4S	1675623.4E
AMVOB	334345.1S	1153910.0E
AN2NE	230135.6S	1185724.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
AN2NF	230406.3S	1184654.9E	ARMEM	303120.7S	1513744.3E	AS764	234628.3S	1340743.8E
AN2NG	230659.1S	1185514.2E	ARMET	303331.8S	1513521.0E	AS768	240734.2S	1335600.5E
AN2NH	231025.7S	1183956.7E	ARMWD	304216.0S	1512733.9E	AS772	234312.4S	1340557.8E
AN2NI	230251.1S	1185209.9E	ARMWE	303958.3S	1512127.5E	AS780	233009.2S	1335023.3E
AN2NM	230737.1S	1184302.6E	ARMWF	303444.4S	1513120.7E	AS784	232316.7S	1334554.0E
AN2SA	231925.5S	1183156.2E	ARMWG	303414.3S	1512152.1E	AS788	233650.6S	1341311.3E
AN2SB	231656.0S	1182619.2E	ARMWH	302922.7S	1513925.2E	ASEBU	200750.4S	1214903.4E
AN2SF	231200.8S	1183547.0E	ARMWI	303721.4S	1512624.2E	ASIKU	175215.4S	1221617.7E
AN2SH	230734.7S	1184417.5E	ARMWM	303207.2S	1513616.9E	ASILI	340006.8S	1375249.9E
AN2SI	231428.5S	1183103.2E	AROBI	315327.4S	1154113.9E	ASINO	175651.3S	1221507.2E
AN2SM	230903.5S	1184127.4E	AROLI	290702.8S	1463702.6E	ASISO	272120.2S	1531609.5E
ANBAN	311948.1S	1491614.4E	ARONU	274031.0S	1531549.0E	ASUBO	252348.0S	1375900.0E
ANBEL	372431.4S	1450703.4E	AROXO	132810.7S	1390340.3E	ASUKI	374357.2S	1445059.0E
ANBEM	373121.5S	1444838.1E	ARRAN	355015.2S	1473821.8E	ASUMU	343738.5S	1480149.9E
ANDAB	171531.0S	1324452.0E	ARTHA	373551.1S	1451507.9E	ASUVA	330414.0S	1521226.0E
ANDEE	161058.3S	1431407.7E	ARUMI	343539.5S	1172256.0E	ASWAN	353106.0S	1432024.0E
ANDOP	162826.8S	1445806.9E	ARUPU	121338.7S	1303704.9E	AT2NA	170705.0S	1452159.9E
ANGAS	250758.5S	1322622.2E	ARUTA	253230.0S	1470948.0E	AT2NC	170302.1S	1452417.2E
ANGAV	350008.0S	1382104.0E	AS400	234803.7S	1335336.0E	AT2ND	170343.0S	1452901.4E
ANGED	133555.8S	1314325.8E	AS402	234843.7S	1335450.4E	AT2NF	171013.5S	1452800.7E
ANGEX	374741.8S	1460527.6E	AS404	234900.2S	1334857.6E	AT2NH	171657.8S	1453130.6E
ANGIB	350616.2S	1473614.1E	AS406	234927.2S	1334856.7E	AT2NI	170637.8S	1452608.9E
ANGIT	203625.8S	1490706.3E	AS412	235608.5S	1335608.5E	AT2NM	171416.1S	1453006.6E
ANIRI	271749.3S	1533508.4E	AS414	235310.2S	1340105.6E	ATADO	280000.0S	1543000.0E
ANITA	323823.6S	1354438.7E	AS416	235405.5S	1335909.5E	ATATA	214032.7S	1213538.0E
ANJJO	125611.3S	1253732.6E	AS420	235231.2S	1335417.7E	ATGOD	351041.4S	1500202.1E
ANKED	272543.0S	1524604.0E	AS424	235721.7S	1335848.4E	ATHEL	345600.0S	1384454.0E
ANKEL	275901.1S	1182712.5E	AS428	235612.9S	1340404.0E	ATIBO	374319.8S	1451300.6E
ANKUB	335911.9S	1505835.4E	AS440	235315.0S	1341456.0E	ATIGU	422621.3S	1474118.1E
ANLAR	150006.0S	1400000.0E	AS444	234650.9S	1340711.9E	ATIVA	332233.1S	1154038.3E
ANLID	360704.0S	1480633.0E	AS448	235116.5S	1341430.9E	ATKEN	281651.5S	1533941.9E
ANONA	125044.9S	1303759.5E	AS452	235509.2S	1340650.2E	ATKOM	411913.6S	1464443.3E
ANOSO	382609.2S	1470942.1E	AS456	234324.6S	1335038.0E	ATLIB	290726.5S	1392914.1E
ANPEN	335521.4S	1502916.4E	AS462	233814.8S	1335105.5E	ATLID	274611.8S	1524821.7E
ANPUT	344336.2S	1384147.3E	AS466	234034.3S	1335044.3E	ATLOD	233000.0S	1135342.0E
ANREP	353424.1S	1490553.1E	AS472	235055.3S	1334739.5E	ATLOR	322959.0S	1513546.2E
ANROM	294733.6S	1470618.9E	AS476	233859.0S	1340907.3E	ATMAL	120000.0S	1073530.0E
ANRUB	195921.5S	1464217.4E	AS484	235319.8S	1341651.4E	ATMAP	120000.0S	1181518.0E
ANSIP	295318.0S	1370206.0E	AS488	234834.3S	1342544.8E	ATNAR	344402.4S	1373902.7E
ANSOR	274814.1S	1525155.1E	AS492	234953.0S	1342851.7E	ATNAT	335409.5S	1543011.6E
ANTLA	400000.1S	1471116.0E	AS496	235930.4S	1344636.3E	ATNOL	373903.4S	1443920.1E
ANUGO	360311.3S	1470402.2E	AS500	235616.9S	1340015.6E	ATOKU	375814.0S	1445340.0E
ANUPA	113051.6S	1295424.7E	AS504	240023.3S	1340041.7E	ATOSU	163659.0S	1454311.7E
ANUXU	304751.9S	1390541.3E	AS508	235856.7S	1335213.7E	ATOTU	142340.2S	1321548.8E
ANVAC	350920.7S	1382712.8E	AS512	240646.4S	1340025.1E	ATPAR	232043.4S	1184133.6E
ANZAC	224446.7S	1354925.7E	AS514	235541.7S	1334629.5E	ATPER	373247.7S	1452717.9E
APAGI	285056.0S	1523507.1E	AS532	234528.2S	1340600.5E	ATPIP	352712.5S	1385506.7E
APAGU	162120.0S	1455002.1E	AS534	233837.9S	1340947.0E	ATRAX	270604.8S	1531326.5E
APIMA	203655.3S	1160438.5E	AS540	234305.4S	1340501.5E	ATRET	340328.7S	1511217.9E
APISO	120000.0S	1473623.8E	AS544	232408.3S	1335023.0E	ATROP	265542.1S	1535606.2E
APOKI	342648.7S	1383944.7E	AS546	231746.7S	1334734.3E	ATSEP	271627.6S	1531858.2E
APOMA	295352.7S	1424053.5E	AS552	240139.6S	1345218.4E	ATSIN	255742.0S	1443400.0E
APOVU	020000.0S	0820000.0E	AS604	234708.6S	1335153.5E	ATSUG	324517.6S	1513043.5E
APPLE	365539.1S	1442310.8E	AS612	234531.8S	1334853.6E	ATVAV	311238.3S	1503842.6E
APUKA	120000.0S	1445739.6E	AS620	234347.9S	1334540.4E	ATVIL	262536.0S	1510943.0E
APUKU	271201.2S	1530305.2E	AS624	234410.3S	1335303.2E	ATVON	271157.6S	1523702.3E
APUSS	193307.4S	1430107.6E	AS632	234241.5S	1340202.2E	AU2SA	133119.6S	1415156.8E
ARALO	290854.0S	1150136.0E	AS640	233529.1S	1334447.0E	AU2SB	133600.8S	1414831.3E
ARANA	301306.0S	1394118.0E	AS650	235013.4S	1334815.9E	AU2SC	133428.0S	1414251.0E
ARBEY	371006.0S	1444354.0E	AS652	232804.3S	1334714.4E	AU2SF	132632.4S	1414506.5E
ARCHA	291229.5S	1680740.9E	AS656	234934.4S	1334844.7E	AU2SH	131857.8S	1414222.8E
ARENI	265550.2S	1323557.0E	AS664	234450.9S	1335733.0E	AU2SI	133116.6S	1414648.9E
AREPA	343427.7S	1375111.0E	AS680	234436.8S	1340213.2E	AU2SM	132148.3S	1414324.2E
AREST	321104.3S	1455147.2E	AS688	234511.8S	1340714.2E	AUDRA	400000.0S	1450942.0E
AREXO	373215.6S	1445211.6E	AS708	234733.3S	1335239.5E	AUSGA	150232.1S	1151126.0E
ARMEA	302110.2S	1514624.5E	AS716	234909.0S	1334833.1E	AV2ND	375106.1S	1443742.7E
ARMEB	302326.4S	1515230.1E	AS720	235924.3S	1334546.7E	AV2NE	374714.7S	1443034.9E
ARMEC	302910.9S	1515207.7E	AS724	240603.3S	1334849.9E	AV2NF	375640.4S	1442900.0E
ARMEF	302842.8S	1514239.7E	AS728	241208.7S	1340012.1E	AV2NH	380337.2S	1442749.9E
ARMEI	302604.7S	1514735.0E	AS752	235115.4S	1335933.1E	AV2NI	375230.4S	1442942.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
AV2SA	381109.8S	1442220.9E	BAFEM	273438.3S	1530118.1E	BDVNA	254524.9S	1390912.2E
AV2SB	381305.5S	1442613.8E	BAFWD	273533.4S	1525038.7E	BDVNC	254009.0S	1391146.2E
AV2SC	381202.0S	1443037.2E	BAFWE	273109.6S	1524907.2E	BDVND	254031.9S	1391806.1E
AV2SF	380714.2S	1442713.2E	BAFWF	273318.4S	1525637.1E	BDVNF	254843.9S	1391730.2E
AV2SH	380117.0S	1442813.5E	BAFWG	272649.0S	1525051.3E	BDVNH	255535.7S	1392205.9E
AV2SI	380948.9S	1442647.1E	BAFWH	273934.1S	1530602.3E	BDVNI	254426.5S	1391438.1E
AV618	380751.8S	1442806.3E	BAFWI	273223.2S	1525324.3E	BDVSE	260144.8S	1393219.7E
AV620	380830.8S	1442926.7E	BAFWT	273450.1S	1530158.6E	BDVSF	255826.2S	1392400.3E
AV622	380805.4S	1443204.3E	BAHBA	314845.8S	1161959.8E	BDVSG	260700.6S	1392946.0E
AV626	380659.7S	1443321.6E	BAISH	235421.5S	1342435.1E	BDVSH	255134.5S	1391924.3E
AV630	380440.3S	1443430.0E	BAMIL	320532.1S	1161244.2E	BDVSI	260243.5S	1392653.0E
AV638	375444.2S	1443115.2E	BANDA	304759.3S	1523423.4E	BDVSJ	260638.0S	1392324.2E
AVBAD	320140.8S	1155622.1E	BANKS	250112.0S	1164630.0E	BEADS	313614.0S	1535936.3E
AVBEG	344942.2S	1490231.7E	BARIA	171248.0S	1462148.0E	BEBAP	171738.2S	1220445.0E
AVBOS	292415.2S	1500137.2E	BARND	232052.8S	1451658.1E	BEBEK	422807.6S	1472951.7E
AVBUR	350235.5S	1494356.3E	BARNE	231902.4S	1452252.4E	BEBEN	131925.3S	1315500.1E
AVDAM	345055.0S	1383001.4E	BARNF	232840.1S	1451948.9E	BEBIM	103840.0S	0935007.5E
AVDAN	160658.6S	1451937.7E	BARNG	232332.0S	1452646.1E	BEBOG	033307.6S	0792559.4E
AVDED	322313.7S	1515535.0E	BARNH	233720.0S	1451703.5E	BEBUD	193848.7S	1465239.3E
AVDEN	345837.8S	1402057.2E	BARNI	232351.3S	1452120.6E	BEBUG	130000.0S	1150848.1E
AVDIS	292118.9S	1150645.6E	BARNM	233329.0S	1451817.0E	BEBUX	145547.9S	1324038.1E
AVDOT	263631.0S	1441527.0E	BARNY	125002.1S	1302201.6E	BEDAT	273327.7S	1531247.7E
AVGEK	294350.9S	1494932.6E	BAROW	205150.2S	1152441.4E	BEDUG	113453.2S	1315752.1E
AVGEM	152125.4S	1225519.5E	BARSA	234444.1S	1451858.3E	BEETI	280312.0S	1470518.0E
AVGIK	312644.1S	1164431.3E	BARSB	234612.5S	1451414.0E	BEGMI	095000.0S	1402436.0E
AVGOP	323953.4S	1520712.1E	BARSC	234236.7S	1451106.6E	BEGVA	315955.7S	1160609.8E
AVGUM	413800.0S	1504800.0E	BARSF	233830.4S	1451641.1E	BEKED	205637.7S	1152146.2E
AVGUS	285900.3S	1532920.0E	BARSH	233146.0S	1451849.8E	BEKID	270910.7S	1530113.5E
AVKAN	270200.0S	1154124.0E	BARSI	234221.4S	1451527.6E	BEKIK	290609.8S	1674538.6E
AVKAP	351500.0S	1494002.0E	BARSM	233439.3S	1451754.7E	BEKKA	374805.6S	1443026.4E
AVKIK	210025.9S	1484642.7E	BARTA	274428.0S	1500718.0E	BELBI	250047.6S	1200023.0E
AVKUT	325256.1S	1512308.8E	BARTN	350335.1S	1490353.6E	BELEL	262803.8S	1175928.9E
AVLAN	260524.0S	1524400.0E	BASEA	234947.6S	1341104.7E	BELKI	114112.5S	1282800.4E
AVLUS	203954.1S	1414327.4E	BASEB	235648.4S	1340955.5E	BELTA	372743.9S	1444753.6E
AVMAN	103558.0S	1290920.0E	BASEC	240111.7S	1340350.7E	BELUL	242534.5S	1452609.1E
AVMAS	275238.7S	1173204.4E	BASEF	235145.6S	1340029.6E	BELUN	122907.7S	1304525.2E
AVMAT	190530.0S	1464452.0E	BASEI	235417.1S	1340512.5E	BEMAN	272357.9S	1533329.4E
AVMON	253003.8S	1322405.3E	BASET	234712.6S	1335200.9E	BEMGI	360512.5S	1471619.6E
AVMOV	334210.8S	1511837.9E	BASOB	231234.2S	1501828.0E	BEMVU	195218.0S	1130624.0E
AVNAS	400000.7S	1455300.1E	BASWD	234330.5S	1333648.0E	BENBU	331148.0S	1495854.0E
AVNEX	304844.7S	1155137.6E	BASWE	233957.5S	1333832.7E	BENDO	351436.2S	1393036.5E
AVNIB	323244.9S	1545503.2E	BASWF	234501.6S	1334757.1E	BENJI	164606.0S	1454512.0E
AVNOL	084927.5S	1315143.0E	BASWG	233535.0S	1334436.3E	BENKI	140000.0S	1470024.0E
AVNOV	233000.0S	1160018.7E	BASWH	234919.5S	1335557.3E	BENTA	143518.0S	1443706.0E
AVPAL	303312.5S	1163754.4E	BASWI	234229.6S	1334314.7E	BENVO	313002.0S	1545916.7E
AVPAS	323134.6S	1374204.0E	BATEN	350034.0S	1382634.0E	BEPKA	341113.7S	1391847.9E
AVPES	315457.7S	1152436.2E	BATIR	200646.6S	1464919.0E	BEPKU	174607.5S	1425549.5E
AVPIP	260548.5S	1325640.6E	BAVAM	212338.5S	1492000.2E	BEPNA	264325.7S	1502557.5E
AVPIX	373835.7S	1443143.6E	BAVEX	141000.0S	1231400.0E	BEPSO	364824.0S	1493958.0E
AY2EA	251535.0S	1311241.5E	BAVOT	180708.1S	1225440.6E	BERBU	224736.5S	1335705.8E
AY2EB	252118.9S	1311212.0E	BAVUR	424854.0S	1474309.0E	BERNI	285018.1S	1532754.8E
AY2EC	252251.5S	1310605.7E	BAXIB	122015.0S	1311039.3E	BEROW	333647.8S	1510658.4E
AY2EF	251456.6S	1310340.8E	BAXMN	253446.4S	1183427.7E	BERSI	163755.3S	1455222.4E
AY2EH	250950.3S	1305652.4E	BAZZA	284458.0S	1464126.3E	BERTI	274654.0S	1531112.0E
AY2EI	251807.8S	1310756.3E	BBNNE	270819.6S	1531608.2E	BERVU	345718.2S	1440923.8E
AY2WD	250639.9S	1304431.6E	BBNSD	273833.8S	1530429.3E	BESBO	254440.1S	1512929.5E
AY2WE	250055.8S	1304502.0E	BBZNH	272329.0S	1530607.4E	BESRO	351408.9S	1492446.0E
AY2WF	250719.3S	1305331.4E	BBZSH	272118.8S	1530721.8E	BETNI	273058.9S	1525502.6E
AY2WG	245924.0S	1305107.2E	BDBNA	244624.8S	1520748.1E	BETSO	270938.2S	1531523.2E
AY2WH	251225.7S	1310019.5E	BDBNC	244106.6S	1521014.6E	BEVSO	341850.5S	1391058.6E
AY2WI	250407.6S	1304916.6E	BDBND	244123.3S	1521632.0E	BEYNO	140810.2S	1330910.0E
AZZAR	313845.0S	1154328.0E	BDBNF	244935.8S	1521606.1E	BEZZA	305130.0S	1314830.0E
BAABA	272628.6S	1531322.6E	BDBNH	245622.9S	1522047.8E	BF2WF	194041.1S	1461204.2E
BADGR	374306.0S	1452800.0E	BDBNI	244521.2S	1521310.2E	BF2WI	194203.5S	1460658.4E
BAFEA	273306.9S	1531319.3E	BDBSE	250209.8S	1523055.7E	BF2WM	193918.5S	1461709.9E
BAFEB	273836.4S	1531514.4E	BDBSF	245859.7S	1522236.5E	BF2WN	193759.4S	1460352.3E
BAFEC	274205.4S	1531006.0E	BDBSG	250728.4S	1522829.6E	BF2WO	194325.8S	1460152.5E
BAFEF	273551.6S	1530535.3E	BDBSH	245212.6S	1521754.5E	BF2WP	194703.9S	1460635.4E
BAFEH	273324.9S	1525700.9E	BDBSI	250314.1S	1522532.9E	BG2EC	222629.1S	1172955.6E
BAFEI	273704.8S	1530952.7E	BDBSJ	250712.2S	1522210.8E	BG2ED	223552.3S	1173052.9E

WAYPOINT	LOCATION	
BG2EF	223147.2S	1172327.0E
BG2EI	223120.4S	1172833.8E
BG2ET	223237.5S	1171348.3E
BG2WB	222858.2S	1170118.1E
BG2WF	223257.0S	1171001.8E
BG2WI	223330.3S	1170336.8E
BG2WT	223156.0S	1172145.6E
BH2EA	314908.6S	1413732.1E
BH2EB	315111.4S	1414349.6E
BH2EC	315656.2S	1414343.7E
BH2EF	315648.9S	1413406.2E
BH2EH	320118.8S	1412619.1E
BH2EI	315400.1S	1413858.0E
BH2EM	315937.6S	1412914.3E
BH2WD	321110.1S	1411905.0E
BH2WE	320907.1S	1411246.2E
BH2WF	320330.1S	1412231.2E
BH2WG	320322.3S	1411252.8E
BH2WH	315900.4S	1413018.7E
BH2WI	320618.6S	1411738.8E
BH2WM	320041.6S	1412723.5E
BIARO	304641.5S	1502628.6E
BIBGA	192204.3S	1084017.2E
BIBRA	320633.2S	1154834.3E
BIBRU	352755.6S	1492005.8E
BIBVO	425933.9S	1474316.1E
BICKL	263927.3S	1531550.1E
BIDAP	242404.6S	1231444.3E
BIDGI	353148.0S	1490842.0E
BIDGU	265100.0S	1485400.0E
BIDKI	261427.0S	1525715.8E
BIDSA	122759.5S	1313640.4E
BIENA	241256.4S	1391539.0E
BIENC	240734.0S	1391754.0E
BIEND	240739.9S	1392410.0E
BIENF	241553.0S	1392400.9E
BIENH	242232.1S	1392855.0E
BIENI	241143.5S	1392057.4E
BIENM	242002.5S	1392704.7E
BIESE	242825.3S	1393928.8E
BIESF	242529.1S	1393105.6E
BIESG	243347.6S	1393714.2E
BIESH	241850.1S	1392611.3E
BIESI	242938.4S	1393409.8E
BIESJ	243341.9S	1393056.6E
BIESM	242119.7S	1392801.6E
BIGEM	341052.2S	1503909.6E
BIGIX	273816.2S	1522927.1E
BIGUP	185531.6S	1231946.7E
BIKEP	270919.1S	1511602.3E
BIKER	204355.6S	1361402.2E
BIKUS	340020.3S	1514645.5E
BILBI	271038.1S	1525913.2E
BILBY	304230.5S	1545234.0E
BILER	185355.4S	1463835.7E
BIMAV	232812.0S	1492542.0E
BIMBY	294650.6S	1181427.1E
BIMOP	345916.9S	1381754.5E
BIMUS	425232.5S	1473938.3E
BINAG	290518.4S	1481025.2E
BINOG	132000.0S	1184000.0E
BINOX	315757.7S	1153122.9E
BINUN	184800.7S	1463338.3E
BINUP	272057.0S	1524407.0E
BIPUD	272245.4S	1530038.0E
BIRER	320417.9S	1182342.3E
BISAB	320757.7S	1551238.2E
BISEK	274022.3S	1530234.5E
BITAP	314712.8S	1150742.8E
BITAS	201016.3S	1475434.3E
BITUL	292732.3S	1475906.2E
BITUM	320706.0S	1155448.0E
BIVAS	261331.0S	1382323.7E
BIVAT	273231.4S	1515443.1E
BIVED	425520.0S	1474327.0E
BIXAD	264127.6S	1531446.5E
BIXAV	354022.7S	1484851.4E
BIXAX	191123.4S	1465546.1E
BKEED	295231.6S	1460658.7E
BKEEE	295511.0S	1461249.4E
BKEEF	295948.5S	1460236.6E
BKEEG	300053.3S	1461157.5E
BKEEH	300329.9S	1455425.7E
BKEEI	295729.8S	1460743.1E
BKEWA	301223.7S	1454626.4E
BKEWB	300943.3S	1454034.3E
BKEWC	300401.8S	1454127.4E
BKEWF	300507.4S	1455049.1E
BKEWH	300126.2S	1455900.3E
BKEWI	300725.4S	1454541.9E
BKZND	173251.2S	1393654.0E
BKZNE	173332.4S	1394251.6E
BKZNF	174101.1S	1393552.4E
BKZNG	173908.8S	1394413.7E
BKZNH	174744.7S	1392934.7E
BKZNI	173716.8S	1393922.1E
BKZSA	175712.6S	1392719.5E
BKZSB	175630.9S	1392121.2E
BKZSC	175054.3S	1391959.7E
BKZSF	174902.7S	1392821.6E
BKZSH	174219.1S	1393439.4E
BKZSI	175246.8S	1392451.5E
BL2ND	200135.1S	1274721.6E
BL2NE	195614.3S	1274937.0E
BL2NF	200437.9S	1275526.5E
BL2NG	195624.7S	1275542.2E
BL2NH	201211.1S	1280041.3E
BL2NI	200026.1S	1275231.7E
BL2SA	201658.4S	1281000.1E
BL2SB	202219.4S	1280744.9E
BL2SC	202209.2S	1280138.7E
BL2SF	201356.1S	1280154.3E
BL2SH	200713.3S	1275714.4E
BL2SI	201807.7S	1280449.5E
BL2SM	200944.3S	1275859.3E
BLAED	362923.1S	1461622.5E
BLAEE	363419.0S	1462000.1E
BLAEF	363333.9S	1460737.4E
BLAEG	363846.0S	1461528.8E
BLAEH	363247.6S	1455514.9E
BLAEI	363356.6S	1461348.7E
BLAEM	363310.9S	1460126.1E
BLAKA	281200.0S	1531318.0E
BLZND	371806.5S	1434406.9E
BLZNE	371534.3S	1435033.8E
BLZNF	372528.0S	1434839.2E
BLZNG	371932.5S	1435545.4E
BLZNH	373422.4S	1434655.7E
BLZNI	372031.2S	1434936.5E
BLZNM	373024.9S	1434741.8E
BLZSA	374322.9S	1435110.3E
BLZSC	374156.8S	1433928.1E
BLZSF	373601.6S	1434636.5E
BLZSH	372707.3S	1434820.0E
BLZSI	374058.5S	1434538.9E
BLZSM	373104.8S	1434734.0E
BM2EA	370632.0S	1473739.0E
BM2EB	371216.0S	1473751.1E
BM2EC	371422.9S	1473109.9E
BM2EF	370645.4S	1472724.4E
BM2EH	371243.7S	1472130.5E
BM2EI	370930.8S	1473237.6E
BM2EM	370346.7S	1472147.1E
BMKNA	210208.8S	1485933.7E
BMKNF	210519.4S	1490738.3E
BMKNH	211206.5S	1491212.6E
BMKNI	210104.9S	1490447.0E
BMKNM	210933.8S	1491029.6E
BMKSF	211510.0S	1491416.4E
BMKSI	211924.3S	1491708.2E
BMKSJ	212322.6S	1491351.9E
BMKSM	211055.7S	1491124.9E
BMKST	210732.8S	1490908.1E
BN400	271319.3S	1530923.0E
BN405	271552.6S	1531521.5E
BN410	271641.9S	1531043.8E
BN411	271551.6S	1530952.3E
BN415	271824.0S	1531053.7E
BN420	271830.6S	1531019.6E
BN421	271722.3S	1530937.0E
BN425	271931.5S	1530944.8E
BN430	272501.5S	1530433.8E
BN435	272635.7S	1530622.8E
BN440	272942.7S	1525626.7E
BN445	273512.7S	1530652.7E
BN450	272042.2S	1531444.6E
BN451	271909.1S	1531123.3E
BN452	272038.8S	1530906.4E
BN499	272217.5S	1530810.1E
BN500	272753.8S	1525847.2E
BN505	272540.0S	1530203.2E
BN510	272802.2S	1530132.6E
BN515	272546.7S	1530610.3E
BN520	272636.6S	1530420.0E
BN525	273057.2S	1530749.6E
BN530	271947.4S	1530743.7E
BN535	272924.2S	1530628.8E
BN540	270953.4S	1530709.3E
BN545	272553.1S	1530606.6E
BN555	272108.8S	1530919.6E
BN565	271613.0S	1531749.7E
BNENH	272433.9S	1530652.0E
BNENT	272254.5S	1530748.8E
BNENZ	272228.8S	1530803.5E
BNESH	272218.2S	1530809.5E
BNEST	272343.4S	1530720.8E
BNESZ	272410.1S	1530705.6E
BNKEA	284206.6S	1534349.2E
BNKEB	284620.6S	1534737.0E
BNKEC	285143.3S	1534703.4E
BNKEF	284820.9S	1533958.9E
BNKEH	285037.9S	1533114.8E
BNKEI	284655.0S	1534526.2E
BNKWE	285407.2S	1531749.0E
BNKWF	285151.1S	1532633.4E
BNKWG	284717.5S	1531821.0E
BNKWH	284917.4S	1533623.0E
BNKWI	285307.8S	1532138.5E
BO2SA	195838.0S	1501950.8E
BO2SB	195925.1S	1501223.1E
BO2SC	195221.9S	1501133.4E
BO2SF	195134.8S	1501900.8E
BO2SH	194757.9S	1502527.0E
BO2SI	195530.0S	1501542.0E
BO2SM	194357.0S	1502527.0E
BOBEB	170642.0S	1442324.0E
BOBED	271552.0S	1531245.0E
BOBEL	373400.6S	1445452.1E
BOBIG	340609.6S	1511341.2E
BOBOP	285553.9S	1514050.3E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
BOBUS	265028.4S	1141047.9E	BRKNF	231700.6S	1502556.8E	BTHNH	332646.6S	1493915.6E
BOCKY	345501.5S	1382132.3E	BRKNH	232425.8S	1502914.8E	BTHNI	331346.8S	1493813.8E
BODAP	173240.7S	1461345.0E	BRKNI	231222.2S	1502353.2E	BTHSE	333621.4S	1494539.6E
BODAS	235856.3S	1334157.4E	BRKNM	232138.7S	1502800.5E	BTHSF	332958.2S	1493930.6E
BODEG	200737.1S	1630000.0E	BRKSF	232819.7S	1503059.0E	BTHSG	333957.6S	1494018.6E
BODEP	413818.8S	1471010.8E	BRKSH	231902.8S	1502651.1E	BTHSH	332158.1S	1493852.7E
BODOV	424716.3S	1474757.6E	BRKSI	233257.9S	1503303.0E	BTHSI	333457.6S	1493954.6E
BOFOR	141400.0S	1330730.0E	BRKSJ	233620.6S	1502901.8E	BTHSJ	333658.8S	1493425.8E
BOGES	365109.9S	1454418.5E	BRKSM	232341.5S	1502855.1E	BUDGI	234615.8S	1503016.9E
BOGUD	350400.8S	1474124.1E	BRMEA	175544.4S	1222736.2E	BUDLO	184705.8S	1213926.3E
BOING	221424.0S	1271502.0E	BRMEB	180110.1S	1222936.7E	BUDMA	315307.2S	1153127.8E
BOKED	373140.4S	1581109.9E	BRMEC	180449.8S	1222458.0E	BUGBA	434856.0S	1630000.0E
BOKES	193700.0S	1464600.0E	BRMEF	175829.0S	1221930.1E	BUGNI	335608.4S	1471124.3E
BOLAM	345855.6S	1412810.2E	BRMEH	175620.0S	1221125.0E	BUGNU	265112.5S	1531038.2E
BOLTY	374930.5S	1445635.5E	BRMEI	175949.5S	1222433.4E	BUGSO	271700.0S	1532228.5E
BOMTA	185422.1S	1464159.8E	BRMEM	175708.4S	1221426.9E	BUGSU	344748.6S	1382312.8E
BONES	161043.4S	1323741.0E	BRMHA	175151.7S	1222119.6E	BUIYA	260000.0S	1100000.0E
BONEY	274830.0S	1555430.0E	BRMHB	175357.4S	1222411.8E	BUKBU	270136.5S	1531420.2E
BONGS	280000.0S	1100000.0E	BRMHC	175715.3S	1222307.3E	BUKRA	262733.2S	1531743.8E
BONRU	272617.2S	1513859.4E	BRMHF	175547.1S	1221812.1E	BULDA	381400.0S	1615357.5E
BOODA	290521.9S	1680131.4E	BRMHI	175452.2S	1222111.9E	BULGI	290003.2S	1194014.6E
BOOGI	340121.4S	1510016.3E	BRMHM	175641.8S	1221512.1E	BULKO	380912.0S	1460606.0E
BOOKA	320114.7S	1163932.6E	BRMWD	175805.7S	1215938.6E	BULLA	370440.1S	1462049.6E
BOOMA	200000.0S	1504112.0E	BRMWE	175239.9S	1215738.4E	BULRA	234615.1S	1333623.9E
BOPKU	353256.9S	1500021.5E	BRMWF	175521.3S	1220744.6E	BUNGL	302017.3S	1193139.4E
BOPLO	120000.0S	1165506.0E	BRMWG	174900.4S	1220217.0E	BUNGO	345331.1S	1495120.1E
BORAH	215713.3S	1191330.9E	BRMWH	175730.4S	1221549.6E	BUNGY	372906.0S	1381948.0E
BOREE	331414.2S	1510238.4E	BRMWI	175400.6S	1220241.5E	BUNNY	273248.6S	1271212.9E
BORLI	341458.0S	1460355.3E	BRMWM	175642.1S	1221247.7E	BUNPO	164634.1S	1454604.0E
BORPU	201652.4S	1132437.4E	BRONY	375621.6S	1471201.2E	BUPLO	342342.0S	1385215.0E
BORTO	362334.0S	1404430.5E	BRUKA	350018.5S	1385526.3E	BUPMO	130048.0S	1375654.0E
BORVI	272248.1S	1153704.7E	BRWNA	294544.1S	1465244.5E	BURGU	325811.5S	1183919.7E
BOSGI	374506.5S	1445112.0E	BRWNC	294547.6S	1465919.6E	BURLI	281132.9S	1533602.1E
BOSLI	311607.6S	1173140.6E	BRWND	295113.1S	1470131.5E	BURNA	424508.8S	1472355.6E
BOSUN	323137.0S	1504305.5E	BRWNF	295356.9S	1465238.5E	BURNO	211819.8S	1492222.0E
BOSVU	272453.5S	1530640.9E	BRWNH	300028.1S	1464716.8E	BURPA	270423.0S	1525732.7E
BOTGU	402240.8S	1564645.0E	BRWNI	294952.3S	1465559.2E	BUSKA	423750.4S	1471406.7E
BOUND	224627.9S	1394254.6E	BRWNM	295801.4S	1464917.5E	BUSTO	235523.0S	1194705.0E
BOUNE	224113.9S	1394529.9E	BRWSE	301108.2S	1464509.3E	BUTON	212448.0S	1180506.0E
BOUNF	224953.3S	1395058.0E	BRWSF	300255.6S	1464515.3E	BUTPA	083248.0S	1293954.0E
BOUNG	224141.6S	1395140.7E	BRWSG	301104.5S	1463832.3E	BUVEL	301848.4S	1150313.9E
BOUNH	225648.8S	1395521.0E	BRWSH	295535.6S	1465117.4E	BUVGA	360802.5S	1393904.1E
BOUNI	224533.6S	1394813.9E	BRWSI	300700.0S	1464153.8E	BUVIV	372548.6S	1450015.9E
BOUNM	225413.0S	1395342.3E	BRWSJ	300539.0S	1463620.8E	BUVLO	333926.6S	1505919.1E
BOUSA	230301.6S	1400511.9E	BRWSM	295851.2S	1464836.6E	BUVOT	315403.2S	1164255.3E
BOUSB	230815.5S	1400236.9E	BSGEA	123957.7S	1421842.8E	BUXAM	360627.9S	1464456.9E
BOUSC	230747.9S	1395624.6E	BSGEB	124542.7S	1421903.5E	BX2NE	362841.8S	1442027.1E
BOUSF	225936.4S	1395707.3E	BSGEC	124759.8S	1421340.2E	BX2NF	363842.3S	1442002.2E
BOUSH	225241.0S	1395244.1E	BSGEF	124026.5S	1421020.9E	BX2NG	363208.6S	1442608.5E
BOUSI	230356.0S	1395952.0E	BSGEI	124304.7S	1421442.2E	BX2NH	364742.7S	1441939.7E
BOUSM	225516.8S	1395422.8E	BSGEM	123748.3S	1420559.8E	BX2NI	363342.0S	1442014.7E
BOVPU	350327.4S	1382221.4E	BSGWD	122644.5S	1415653.9E	BX2SA	365726.9S	1442507.1E
BOYDI	184744.3S	1323118.5E	BSGWE	122901.1S	1415130.8E	BX2SB	370035.1S	1441907.3E
BOYSE	371809.2S	1454010.1E	BSGWF	123417.9S	1420012.7E	BX2SC	365707.9S	1441324.1E
BOYSY	332404.6S	1503259.6E	BSGWG	123446.2S	1415151.0E	BX2SF	365034.6S	1441932.5E
BP2NA	285308.9S	1344846.6E	BSGWH	123934.4S	1420854.9E	BX2SH	364034.2S	1441957.5E
BP2NC	285415.5S	1345351.0E	BSGWI	123139.6S	1415551.7E	BX2SI	365534.9S	1441919.9E
BP2ND	285850.0S	1345424.1E	BSGWM	123656.2S	1420433.8E	BY2ED	223910.7S	1192422.3E
BP2NF	285931.4S	1344658.2E	BSZNF	263101.3S	1530103.9E	BY2EE	224435.2S	1192629.7E
BP2NH	285550.8S	1343904.0E	BSZNH	263722.6S	1530631.0E	BY2EF	224159.3S	1191602.9E
BP2NI	285653.5S	1345024.7E	BSZNI	262702.8S	1525739.7E	BY2EG	224817.2S	1192144.5E
BP2SE	291036.6S	1343858.6E	BSZSC	264757.0S	1531537.0E	BY2EH	224859.0S	1190914.2E
BP2SF	290437.9S	1344016.6E	BSZSF	264000.9S	1530847.0E	BY2EI	224317.3S	1192116.3E
BP2SG	290929.4S	1343353.5E	BSZSH	263423.4S	1530357.2E	BY2WA	224144.8S	1185535.4E
BP2SH	290041.3S	1344526.7E	BSZSI	264359.1S	1531211.9E	BY2WB	223620.0S	1185329.3E
BP2SI	290651.9S	1343720.7E	BSZSM	263646.4S	1530559.9E	BY2WC	223238.8S	1185814.9E
BP2SJ	290350.0S	1343421.3E	BTHNA	331222.9S	1493230.4E	BY2WF	223857.3S	1190355.3E
BRAKI	345724.8S	1385646.5E	BTHNC	331145.4S	1494340.8E	BY2WI	223738.7S	1185842.2E
BRAND	180102.9S	1220538.1E	BTHND	330846.9S	1493750.1E	BY2WZ	224107.5S	1191235.2E
BRKNC	230743.9S	1502149.7E	BTHNF	331846.7S	1493837.5E	BYLLA	270000.0S	1100000.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
BZ2ED	140355.8S	1232625.4E	CB923	352143.0S	1490821.9E	CE2EF	334240.8S	1363649.1E
BZ2EF	135622.8S	1232231.3E	CBBEA	312237.9S	1493054.1E	CE2EH	334235.2S	1362713.8E
BZ2EI	135622.7S	1232625.3E	CBBEB	312822.1S	1493109.5E	CE2EI	334243.8S	1364248.7E
BZ2EM	135622.8S	1231913.9E	CBBEC	313032.4S	1492456.4E	CESCI	192216.3S	1245137.8E
BZ2WA	140224.3S	1231009.1E	CBBEF	312256.4S	1492120.1E	CFSNA	300547.1S	1531344.7E
BZ2WF	135622.8S	1231314.3E	CBBEH	311617.5S	1492444.1E	CFSNC	300623.2S	1532019.4E
BZ2WI	135622.8S	1231009.2E	CBBEI	312539.4S	1492614.7E	CFSND	301158.0S	1532155.8E
BZ2WM	135622.8S	1231631.7E	CBBEM	312013.2S	1491625.8E	CFSNF	301442.6S	1531159.6E
CA2NA	244033.7S	1134547.5E	CBBWD	311639.5S	1485955.9E	CFSNH	302710.2S	1531431.6E
CA2NC	244123.3S	1135201.5E	CBBWE	311054.8S	1485941.4E	CFSNI	301010.3S	1531632.4E
CA2ND	244701.3S	1135318.5E	CBBWF	311621.5S	1490928.9E	CFSSE	303359.6S	1525957.7E
CA2NF	244841.6S	1134429.7E	CBBWG	310845.1S	1490553.1E	CFSSF	302504.1S	1530139.7E
CA2NH	245431.9S	1133827.6E	CBBWH	312148.2S	1491917.0E	CFSSG	303325.0S	1525320.7E
CA2NI	244502.5S	1134815.7E	CBBWI	311338.2S	1490435.1E	CFSSH	301953.5S	1531856.0E
CA2NM	245220.6S	1134043.5E	CBBWM	311937.6S	1491521.6E	CFSSI	302937.4S	1525707.7E
CA2SE	250510.6S	1133432.8E	CBULA	301600.0S	1533700.0E	CFSSJ	302750.9S	1525143.0E
CA2SF	245702.8S	1133551.5E	CCAND	263940.8S	1502442.4E	CG003	280615.7S	1533032.8E
CA2SG	250420.2S	1132817.7E	CCANE	263411.3S	1502636.8E	CG004	280423.2S	1533002.7E
CA2SH	245112.5S	1134153.8E	CCANF	264207.3S	1503326.3E	CG017	280303.8S	1533110.0E
CA2SI	250041.5S	1133204.7E	CCANG	263355.0S	1503300.2E	CG018	280452.1S	1532902.7E
CA2SJ	245842.0S	1132701.7E	CCANH	264827.9S	1503854.6E	CG021	280747.5S	1533057.4E
CA2SM	245323.9S	1133938.0E	CCANI	263809.4S	1503001.4E	CG045	280535.6S	1533401.6E
CALAR	290000.0S	1364951.1E	CCASA	265256.0S	1504925.7E	CG151	281648.8S	1533446.3E
CALIG	310159.9S	1162641.0E	CCASB	265825.8S	1504732.1E	CG2NC	275618.4S	1532813.1E
CALTX	170000.0S	1493913.7E	CCASC	265842.8S	1504107.4E	CG2NF	280620.0S	1532805.9E
CAMBS	250000.0S	1100000.0E	CCASF	265030.5S	1504040.6E	CG2NH	281200.7S	1533142.6E
CANNU	164938.9S	1454334.4E	CCASH	264410.0S	1503512.0E	CG2NI	280119.2S	1532809.5E
CANTY	364824.0S	1443906.0E	CCASI	265428.2S	1504406.2E	CG2SA	281815.7S	1534148.4E
CAPER	332245.1S	1505618.9E	CCYND	203557.5S	1401649.0E	CG2SC	282339.4S	1533147.8E
CARBN	290721.8S	1465807.3E	CCYNE	203012.3S	1401707.4E	CG2SF	281443.3S	1533326.1E
CARMN	185157.3S	1461555.1E	CCYNF	203621.8S	1402532.3E	CG2SH	275847.4S	1532906.8E
CARSL	272106.0S	1530306.0E	CCYNG	202830.6S	1402257.5E	CG2SI	281905.2S	1533613.2E
CARTS	294116.1S	1361421.3E	CCYNH	204117.6S	1403216.3E	CG2ST	280709.1S	1532837.2E
CATEY	192824.9S	1460329.5E	CCYNI	203317.2S	1402119.7E	CG332	280712.4S	1532839.2E
CAULI	262730.0S	1321148.0E	CCYSA	204355.4S	1404403.2E	CG411	282109.4S	1533732.1E
CAWLY	341934.4S	1515728.4E	CCYSB	204940.2S	1404345.4E	CG412	281540.2S	1533402.2E
CB2EA	352218.9S	1492956.4E	CCYSC	205122.4S	1403754.1E	CG421	281524.6S	1533649.4E
CB2EB	353019.9S	1492908.1E	CCYSF	204331.2S	1403519.3E	CG422	281337.7S	1533317.5E
CB2EC	353226.9S	1491938.6E	CCYSH	203817.3S	1402809.7E	CG440	281229.5S	1533200.9E
CB2EF	352238.7S	1491750.7E	CCYSI	204635.8S	1403932.2E	CG460	280342.4S	1532800.2E
CB2EH	352405.6S	1490936.9E	CD2ND	325054.4S	1471343.1E	CG612	281714.4S	1533447.8E
CB2EI	352551.0S	1492232.7E	CD2NE	324952.0S	1472024.9E	CG815	281759.0S	1533717.1E
CB2EM	351847.8S	1491212.7E	CD2NF	325858.8S	1471528.7E	CG847	281253.2S	1533206.8E
CB2SD	353157.4S	1491834.5E	CD2NG	325449.2S	1472352.1E	CG851	281722.5S	1533129.5E
CB2SF	352453.8S	1491140.0E	CD2NH	330710.9S	1471101.7E	CG859	282209.6S	1534432.8E
CB2SG	353157.4S	1490445.5E	CD2NI	325425.4S	1471756.9E	CG863	283302.7S	1535319.0E
CB2SH	351303.5S	1491335.3E	CD2SA	331719.9S	1471139.9E	CG913	280441.1S	1533332.9E
CB2SI	352954.3S	1491140.0E	CD2SB	331822.1S	1470456.0E	CG923	281100.9S	1533458.4E
CB2SM	351910.8S	1491140.0E	CD2SC	331324.6S	1470128.6E	CGOND	165342.5S	1442926.1E
CB401	351225.8S	1491140.0E	CD2SF	330915.6S	1470953.9E	CGONE	165129.3S	1443457.3E
CB402	351045.4S	1491157.8E	CD2SH	330158.2S	1471351.5E	CGONF	170117.9S	1443243.8E
CB403	350904.9S	1491215.5E	CD2SI	331348.9S	1470725.1E	CGONG	165543.2S	1443900.7E
CB405	350645.2S	1491651.4E	CD2SM	330442.3S	1471222.5E	CGONH	170908.7S	1443056.8E
CB407	350613.9S	1490725.6E	CDUEA	320751.8S	1335804.5E	CGONI	165623.6S	1443350.5E
CB408	352220.7S	1491122.3E	CDUEB	321326.1S	1335944.2E	CGONM	170612.1S	1443136.9E
CB409	352506.5S	1492035.1E	CDUEC	321640.0S	1335408.6E	CGOSA	172300.0S	1443414.4E
CB421	352825.6S	1491005.8E	CDUEF	320952.7S	1334843.1E	CGOSB	172518.7S	1442844.8E
CB422	352522.3S	1491100.3E	CDUEH	320701.9S	1333954.7E	CGOSC	172108.7S	1442436.4E
CB430	353125.0S	1491353.3E	CDUEI	321139.4S	1335413.6E	CGOSF	171528.0S	1443048.1E
CB431	352854.3S	1491149.0E	CDUEM	320806.1S	1334312.8E	CGOSH	170706.4S	1442846.1E
CB432	352523.0S	1491116.0E	CDUWD	320753.2S	1332701.5E	CGOSI	172023.4S	1442946.5E
CB441	352755.5S	1491623.7E	CDUWE	320218.6S	1332523.2E	CGOSM	171032.7S	1443149.6E
CB442	352732.3S	1491414.2E	CDUWF	320553.3S	1333622.8E	CHIDL	315246.3S	1161554.1E
CB443	352520.3S	1491136.9E	CDUWG	315905.5S	1333058.5E	CHIMU	373356.8S	1444750.4E
CB444	352348.7S	1491112.0E	CDUWH	320844.3S	1334511.0E	CHITT	361618.0S	1434118.0E
CB445	352243.1S	1491126.0E	CDUWI	320406.1S	1333052.9E	CHOOK	281700.0S	1534138.0E
CB446	352143.1S	1491140.0E	CDUWM	320740.2S	1334152.9E	CINEA	173452.2S	1240359.5E
CB920	352339.8S	1491624.0E	CE2EA	333802.4S	1364454.9E	CINEB	174026.5S	1240531.0E
CB921	352343.1S	1491430.0E	CE2EB	334246.6S	1364848.4E	CINEC	174343.1S	1240034.6E
CB922	352400.3S	1490411.2E	CE2EC	334727.2S	1364448.6E	CINEF	173657.3S	1235541.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
CINEH	173409.6S	1234750.7E	CN2NF	313315.8S	1171757.8E	CORNG	355614.9S	1463700.3E
CINEI	173841.9S	1240036.3E	CN2NH	313236.7S	1170934.2E	CORNH	360104.3S	1461856.3E
CINEM	173512.5S	1235047.3E	CN2NI	312946.5S	1172209.7E	CORNI	355326.4S	1463154.6E
CINWD	173445.9S	1233526.3E	CN2NM	313645.0S	1171345.6E	CORNM	355918.8S	1462156.1E
CINWE	172911.4S	1233355.8E	CN2NP	313902.8S	1171101.7E	CORRS	375532.0S	1453649.8E
CINWF	173241.7S	1234344.2E	CNMED	304747.4S	1483056.3E	CORSA	361052.9S	1461205.7E
CINWG	172555.4S	1233852.3E	CNMEE	304938.0S	1483714.4E	CORSB	360859.3S	1460523.8E
CINWH	173529.5S	1235135.2E	CNMEF	305534.1S	1482752.6E	CORSC	360315.2S	1460518.3E
CINWI	173056.6S	1233850.0E	CNMEG	305523.2S	1483723.5E	CORSF	360308.3S	1461524.7E
CINWM	173426.6S	1234838.5E	CNMEH	310018.4S	1482022.2E	CORSH	355826.9S	1462324.4E
CITEE	272812.1S	1530445.7E	CNMEI	305236.1S	1483233.6E	CORSI	360603.9S	1461024.5E
CK2EA	241831.3S	1453419.0E	CNMEM	305831.9S	1482311.2E	CORSM	360012.5S	1462024.6E
CK2EB	242058.3S	1453834.3E	CNMWA	311003.9S	1481408.4E	COTON	273707.9S	1531259.6E
CK2EC	242528.3S	1453730.9E	CNMWB	310812.5S	1480748.5E	COTTS	315836.1S	1154041.9E
CK2EF	242405.2S	1453029.7E	CNMWC	310228.0S	1480740.5E	COWIE	274026.0S	1525206.0E
CK2EH	242648.5S	1452325.4E	CNMWF	310217.9S	1481712.8E	CP2ED	210024.3S	1162930.3E
CK2EI	242231.8S	1453432.1E	CNMWH	305733.6S	1482443.4E	CP2EF	205746.5S	1162207.0E
CK2WD	243319.2S	1451706.6E	CNMWI	310515.3S	1481230.8E	CP2EH	205918.2S	1161238.3E
CK2WE	243051.6S	1451251.3E	CNMWM	305920.3S	1482154.5E	CP2EI	205655.3S	1162722.8E
CK2WF	242745.6S	1452056.7E	CNSNF	164502.7S	1454129.7E	CP2WA	210526.2S	1160413.2E
CK2WG	242621.7S	1451355.6E	CNSNH	164914.8S	1455020.3E	CP2WB	210120.5S	1155954.6E
CK2WH	242502.5S	1452801.2E	CNSNI	164026.4S	1453925.1E	CP2WC	205608.4S	1160232.1E
CK2WI	242918.7S	1451654.1E	CNSNM	164938.1S	1454334.4E	CP2WF	205939.3S	1161026.8E
CL2YA	203127.0S	1171329.0E	CNSNZ	165049.0S	1454406.1E	CP2WH	210720.3S	1161533.5E
CL2YB	203021.2S	1171227.6E	CNYNA	183845.9S	1383033.9E	CP2WI	210030.0S	1160510.7E
CL2YC	202702.2S	1171251.2E	CNYNC	183314.7S	1383216.6E	CR2EF	222102.3S	1194444.8E
CL2YF	202844.3S	1171809.0E	CNYND	183253.3S	1383818.0E	CR2EI	222047.9S	1195131.3E
CL2YI	202858.4S	1171518.0E	CNYNF	184105.6S	1383850.2E	CR2EJ	221601.2S	1195310.1E
CL2YM	202818.2S	1172325.8E	CNYNH	184856.2S	1384524.5E	CR2EK	222036.4S	1195654.7E
CL2ZF	202641.6S	1171959.6E	CNYNI	183710.2S	1383533.3E	CR2EL	222526.7S	1195333.4E
CL2ZI	202753.9S	1171730.5E	CNYSE	185216.5S	1385432.9E	CR2ET	221639.0S	1193741.1E
CL2ZJ	203013.1S	1171528.4E	CNYSF	184957.3S	1384615.8E	CR2WF	222128.3S	1193225.2E
CL2ZK	202916.5S	1171440.0E	CNYSG	185747.9S	1385250.7E	CR2WI	222142.5S	1192539.0E
CL2ZL	202658.6S	1171428.0E	CNYSH	184206.8S	1383941.5E	CR2WP	222629.0S	1192359.7E
CL2ZM	202321.2S	1172652.8E	CNYSI	185352.7S	1384933.2E	CR2WQ	222153.7S	1192015.5E
CLARY	350559.0S	1383621.1E	CNYSJ	185809.7S	1384648.4E	CR2WR	221703.6S	1192337.0E
CLEOS	275821.8S	1521733.9E	COBEL	351006.0S	1280000.0E	CR2WT	221636.2S	1193902.7E
CLIFT	203617.0S	1482727.2E	COBES	231653.9S	1494948.2E	CRAVN	320736.0S	1514600.0E
CLUGO	320406.0S	1154212.0E	COBHI	314754.0S	1433100.0E	CREDY	254824.0S	1531512.0E
CMTNA	223631.9S	1472732.6E	COCKA	230230.7S	1493829.5E	CRENA	371624.0S	1400454.0E
CMTNC	223144.5S	1473058.7E	CODIE	163242.0S	1453554.0E	CRICK	342930.0S	1250000.0E
CMTND	223305.9S	1473700.0E	COLDS	374239.5S	1452058.2E	CS400	164009.7S	1453917.5E
CMTNF	224105.2S	1473454.8E	COLLY	272922.2S	1473622.2E	CS401	164357.9S	1453316.5E
CMTNH	224833.8S	1473804.0E	COLPY	350210.6S	1382413.9E	CS402	163838.6S	1454552.9E
CMTNI	223624.8S	1473256.7E	COMAC	333308.4S	1375103.5E	CS403	164204.1S	1453719.3E
CMTNM	224545.6S	1473653.0E	COMLY	350947.0S	1390656.4E	CS404	164004.4S	1454204.9E
CMTSE	225553.7S	1474637.9E	COMND	360136.3S	1490037.0E	CS405	164439.8S	1454119.4E
CMTSF	225120.8S	1473914.5E	COMNE	360043.4S	1490901.9E	CS407	164626.7S	1454207.6E
CMTSG	230041.3S	1474311.6E	COMNF	361028.9S	1490244.2E	CS409	165630.2S	1454640.4E
CMTSH	224352.2S	1473605.2E	COMNG	360642.5S	1491142.9E	CS411	170120.5S	1455308.4E
CMTSI	225601.1S	1474113.0E	COMNH	361920.9S	1485659.5E	CS415	170212.5S	1455840.3E
CMTSJ	225920.0S	1473709.0E	COMNI	360602.8S	1490536.1E	CS510	171205.3S	1454315.2E
CMTSM	224640.4S	1473716.2E	COMNM	361641.3S	1485843.0E	CS511	171026.0S	1454715.5E
CMUED	280533.2S	1454903.7E	COMSA	363234.5S	1490015.5E	CS512	170907.6S	1454907.6E
CMUEE	281008.3S	1454836.2E	COMSB	363445.1S	1485340.3E	CS513	170710.4S	1455013.5E
CMUEF	280458.1S	1454140.8E	COMSC	363037.6S	1484739.3E	CS520	170921.0S	1460010.4E
CMUEG	281119.3S	1454335.0E	COMSF	362459.2S	1485624.2E	CS521	170959.4S	1455346.5E
CMUEH	280026.5S	1453537.9E	COMSH	361710.3S	1485835.0E	CS522	171030.1S	1455301.0E
CMUEI	280733.2S	1454508.4E	COMSI	362952.2S	1485502.3E	CS523	170744.5S	1455145.7E
CMUEM	280223.0S	1453813.4E	COMSM	362006.1S	1485746.0E	CS530	165854.8S	1455442.5E
CMUWA	275814.5S	1452607.5E	COOBI	233517.3S	1201725.4E	CS531	170021.5S	1455223.0E
CMUWB	275339.6S	1452635.9E	COODA	271058.5S	1533942.1E	CS532	170042.6S	1454946.8E
CMUWC	275229.2S	1453136.3E	COOLA	251800.0S	1502204.7E	CS540	170348.9S	1454958.9E
CMUWF	275850.4S	1453329.8E	COOPA	314751.2S	1513154.6E	CS541	165901.8S	1454748.9E
CMUWH	280356.4S	1453041.2E	COPDI	293319.7S	1175629.5E	CS542	165028.2S	1454356.7E
CMUWI	275615.0S	1453002.7E	COPPA	354654.0S	1473454.0E	CS543	164516.6S	1454553.7E
CMUWM	280125.7S	1453657.0E	CORAL	263252.4S	1531910.3E	CS544	164332.2S	1454929.1E
CN2NA	312512.1S	1171946.2E	CORND	354837.3S	1463013.8E	CS545	164642.8S	1455807.1E
CN2NC	313157.3S	1172725.6E	CORNE	355029.9S	1463653.3E	CS901	164647.2S	1453712.1E
CN2ND	312617.0S	1172621.3E	CORNF	355622.7S	1462655.5E	CS902	170549.2S	1454511.7E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
CS903	164623.1S	1453712.7E	DADAD	400842.8S	1503506.2E	DIPLO	400000.0S	1454100.0E
CS904	164851.9S	1454746.1E	DADAN	272948.5S	1530858.7E	DIPPA	335729.5S	1511926.0E
CS905	164256.4S	1454525.9E	DADAR	020000.0S	0792706.0E	DIPSO	335423.3S	1520419.0E
CS906	164855.1S	1455217.8E	DADBO	235211.0S	1505120.4E	DISHA	350409.8S	1390420.8E
CS907	165312.8S	1455431.0E	DADER	364248.2S	1475400.7E	DISPT	255556.6S	1531124.2E
CS908	170544.1S	1455632.9E	DADIS	231033.7S	1503508.0E	DK2ND	272422.6S	1221457.9E
CS910	165749.6S	1455041.1E	DADPI	141722.1S	1263758.3E	DK2NE	272106.9S	1222016.3E
CT2ED	152745.3S	1452644.5E	DADRU	344954.7S	1360000.0E	DK2NF	273108.6S	1222011.2E
CT2EE	153153.7S	1452704.1E	DADSI	315646.0S	1162341.1E	DK2NG	272426.9S	1222531.3E
CT2EF	152921.3S	1451913.3E	DADVA	310044.5S	1372050.0E	DK2NH	273833.8S	1222007.4E
CT2EG	153557.7S	1452416.5E	DAGAK	123506.1S	1321533.6E	DK2NI	272607.7S	1222013.7E
CT2EH	152551.9S	1450824.9E	DAGSI	204207.9S	1484715.3E	DK2SA	274742.7S	1222520.6E
CT2EI	153056.6S	1452408.0E	DAKLA	271422.2S	1525541.4E	DK2SB	275058.6S	1222001.1E
CT2EM	152708.0S	1451220.6E	DAKTI	122458.7S	1310904.6E	DK2SC	274738.5S	1221444.9E
CT2WA	152610.2S	1445630.6E	DALAR	333213.4S	1510413.0E	DK2SF	274057.0S	1222006.2E
CT2WB	152034.3S	1445507.1E	DALEY	353341.9S	1491041.4E	DK2SH	273337.7S	1222009.9E
CT2WC	151723.2S	1450003.8E	DALOS	290129.0S	1673036.8E	DK2SI	274557.8S	1222003.7E
CT2WF	152414.5S	1450445.1E	DALPA	260000.0S	1240000.0E	DLQEA	352414.2S	1450815.1E
CT2WH	152713.7S	1451643.2E	DALWU	301440.6S	1164643.6E	DLQEB	352712.0S	1451415.3E
CT2WI	152224.4S	1445956.1E	DAMDA	272815.0S	1530323.6E	DLQEC	353250.7S	1451254.2E
CT2WM	152604.6S	1450934.2E	DAMIL	162118.1S	1441607.9E	DLQEF	353115.8S	1450303.7E
CUDGN	281420.6S	1533239.3E	DAMKO	352243.7S	1491140.1E	DLQEH	353430.0S	1445405.7E
CULIN	344424.0S	1492324.0E	DAMOB	314046.1S	1392117.7E	DLQEI	352914.0S	1450839.6E
CURTN	352058.3S	1491140.0E	DAMPU	212217.2S	1211607.6E	DLQEM	353317.3S	1445727.5E
CV2EA	263027.2S	1462848.8E	DAOVO	025218.0S	0883542.0E	DLQWD	354248.3S	1444518.1E
CV2EB	263604.9S	1462729.1E	DAPLA	192144.4S	1464201.6E	DLQWE	353949.2S	1443916.5E
CV2EC	263652.9S	1462108.9E	DAPMA	144329.7S	1344419.2E	DLQWF	353547.6S	1445030.4E
CV2EF	262844.8S	1461952.8E	DAPPA	253524.0S	1413030.0E	DLQWG	353411.6S	1444038.9E
CV2EH	262208.7S	1461302.6E	DAPTU	271336.0S	1524817.0E	DLQWH	353233.5S	1445928.7E
CV2EI	263224.8S	1462340.9E	DARGI	335518.0S	1502512.0E	DLQWI	353748.5S	1444453.6E
CV2WD	261905.7S	1460244.7E	DARLY	374413.8S	1443746.1E	DLQWM	353346.3S	1445606.9E
CV2WE	261328.1S	1460404.6E	DAVEY	202432.6S	1454458.8E	DM2EA	175814.4S	1390222.5E
CV2WF	262048.4S	1461139.6E	DAYBO	270715.3S	1525305.6E	DM2EB	180358.6S	1390254.0E
CV2WG	261240.2S	1461023.5E	DAYLR	321606.2S	1163317.2E	DM2EC	180624.6S	1385726.6E
CV2WH	262724.6S	1461829.7E	DAZZA	212954.0S	1215918.0E	DM2EF	175857.3S	1385348.8E
CV2WI	261708.3S	1460752.1E	DBOEA	320136.6S	1484335.0E	DM2EH	175455.9S	1384633.0E
CWAED	225051.6S	1190156.1E	DBOEB	320326.6S	1484958.8E	DM2EI	180128.0S	1385821.3E
CWAEE	225600.4S	1190654.3E	DBOEC	320911.4S	1485008.9E	DM2EM	175626.5S	1384916.4E
CWAEF	225718.8S	1185504.3E	DBOEF	320923.3S	1484030.1E	DM2WD	175410.5S	1383521.8E
CWAEH	225815.3S	1184627.8E	DBOEH	321436.1S	1483209.4E	DM2WE	174826.2S	1383451.2E
CWAEI	225643.3S	1190027.1E	DBOEI	320625.0S	1484514.6E	DM2WF	175328.4S	1384355.3E
CWAWA	230506.7S	1183544.0E	DBOWD	322415.8S	1482600.0E	DM2WG	174600.9S	1384018.3E
CWAWB	225956.9S	1183046.6E	DBOWE	322224.4S	1481935.3E	DM2WH	175729.9S	1385111.0E
CWAWC	225352.4S	1183419.4E	DBOWF	321629.5S	1482907.0E	DM2WI	175057.4S	1383923.2E
CWAWF	225840.3S	1184237.1E	DBOWG	321639.5S	1481927.3E	DM2WM	175559.4S	1384827.5E
CWAWH	225744.1S	1185113.7E	DBOWH	321135.5S	1483658.9E	DN404	122243.8S	1304628.3E
CWAWI	225915.2S	1183714.2E	DBOWI	321927.0S	1482421.3E	DN407	122540.3S	1304310.2E
CWRNA	334012.6S	1482841.3E	DEBAY	271248.7S	1531022.8E	DN412	122727.5S	1304448.8E
CWRNC	333535.4S	1483246.7E	DEBAZ	191735.7S	1402740.2E	DN414	122758.4S	1304622.3E
CWRND	333713.1S	1483921.7E	DEBEE	280533.9S	1522050.0E	DN418	123455.7S	1304833.3E
CWRNF	334505.4S	1483634.8E	DECEM	164605.4S	1121208.8E	DN422	121758.0S	1304808.5E
CWRNH	335241.4S	1483938.0E	DEENA	340624.0S	1511206.0E	DN430	122607.8S	1305634.0E
CWRNI	334020.4S	1483440.7E	DEENO	213508.5S	1311253.6E	DN432	122655.4S	1305856.9E
CWRSE	340104.0S	1484858.3E	DEJAY	285028.5S	1505343.9E	DN438	122208.9S	1310035.6E
CWRSF	335611.6S	1484102.6E	DELRU	320336.0S	1160430.0E	DN444	122717.2S	1310002.3E
CWRSG	340541.4S	1484452.6E	DENIS	273322.6S	1530805.3E	DN448	123200.7S	1305824.9E
CWRSH	334835.7S	1483759.3E	DERRY	334317.1S	1480233.4E	DOBGO	203039.1S	1444357.7E
CWRSI	340056.5S	1484257.5E	DERWY	345846.9S	1380715.3E	DOBGU	303649.0S	1205431.9E
CWRSJ	340403.7S	1483815.0E	DESET	245042.0S	1344612.0E	DODRO	230527.2S	1405612.3E
CY2NA	355539.4S	1480312.5E	DEZZI	290315.9S	1675743.8E	DOGAR	020000.0S	0875100.0E
CY2NC	355821.1S	1481400.9E	DG2EC	252833.9S	1193146.5E	DOGMI	410459.9S	1472820.3E
CY2ND	360731.8S	1481436.6E	DG2ED	253759.4S	1193157.3E	DOGMU	275103.3S	1531655.7E
CY2NF	360621.4S	1480122.4E	DG2EF	253324.3S	1192328.7E	DOGRO	350054.3S	1491020.1E
CY2NH	361149.3S	1475108.0E	DG2EI	253318.4S	1192958.5E	DOGTU	365801.5S	1515904.6E
CY2NI	360316.8S	1480614.5E	DG2WA	253826.9S	1190242.8E	DOGVO	315836.0S	1155018.0E
CY2NM	361039.5S	1475433.0E	DG2WB	252901.4S	1190232.1E	DOKSU	284712.0S	1381842.0E
DABKO	273650.8S	1525633.2E	DG2WF	253336.0S	1191058.9E	DOLIB	203326.8S	1442501.0E
DABMI	214340.3S	1450205.8E	DG2WI	253341.6S	1190430.9E	DOLKO	240000.0S	1525218.0E
DABSU	423852.0S	1471459.0E	DICKO	161809.6S	1301822.9E	DOLSU	270325.9S	1533452.2E
DABUX	372713.4S	1444315.5E	DIGLA	211817.2S	1331127.3E	DOLVU	344225.1S	1383753.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
DOMBO	273158.0S	1532716.0E	DRWEF	122652.1S	1305845.7E	EB2WG	165824.9S	1452516.1E
DOMOM	162612.8S	1150758.2E	DRWEH	122415.9S	1305101.6E	EB2WI	170038.1S	1451455.9E
DOMTI	142506.5S	1375716.6E	DRWEI	122829.7S	1310335.8E	EBARR	310000.0S	1100000.0E
DONBU	353859.0S	1350000.0E	DRWEZ	122501.2S	1305316.0E	EBONY	361056.5S	1470414.3E
DONIC	332246.9S	1515428.2E	DRWSA	123618.0S	1304659.1E	ECATT	194124.4S	1405533.1E
DONLO	185156.8S	1462932.5E	DRWSB	123724.7S	1305216.4E	ECHND	355735.8S	1443933.1E
DOORA	315424.0S	1490519.0E	DRWSC	123616.4S	1305733.4E	ECHNE	355411.1S	1444513.9E
DOPTI	344958.0S	1382749.9E	DRWSF	123022.8S	1305215.3E	ECHNF	360411.6S	1444533.0E
DOPUK	181433.5S	1272508.8E	DRWSH	122120.4S	1305213.9E	ECHNG	355721.2S	1445107.2E
DOREN	373636.0S	1450803.9E	DRWSI	123423.9S	1305215.9E	ECHNH	361212.1S	1444548.4E
DORKO	163012.3S	1454102.8E	DRWWD	122507.6S	1303846.7E	ECHNI	355911.3S	1444523.4E
DORNU	230931.1S	1501457.9E	DRWWE	121935.5S	1303709.4E	ECHSA	362155.9S	1445156.1E
DOSAM	165410.3S	1331200.3E	DRWWF	122250.9S	1304649.3E	ECHSB	362520.8S	1444613.5E
DOSBO	135718.0S	1325012.2E	DRWWG	121611.9S	1304153.5E	ECHSC	362210.5S	1444018.4E
DOSEL	370954.4S	1452343.1E	DRWWH	122527.2S	1305433.3E	ECHSF	361520.3S	1444554.4E
DOTAP	200916.8S	1364325.7E	DRWWI	122113.2S	1304159.3E	ECHSH	360719.9S	1444539.0E
DOTBO	334818.5S	1394209.2E	DRWWZ	122441.5S	1305217.6E	ECHSI	362020.6S	1444603.9E
DOTLO	204210.3S	1152732.6E	DUBAG	153247.9S	0850000.0E	ECKHO	393928.2S	1503103.9E
DOTOD	151424.2S	1490411.5E	DUBOM	271557.1S	1533334.1E	EDNNA	342922.3S	1383332.0E
DOTOP	320618.0S	1190448.0E	DUBOV	344222.0S	1382030.0E	EDNNC	343046.0S	1384446.7E
DOTPA	371446.0S	1442927.0E	DUBSO	094500.0S	1432518.0E	EDNNF	343643.1S	1383757.1E
DOTTE	184154.0S	1445242.0E	DUBUD	290030.4S	1564139.0E	EDNNI	343145.9S	1383850.9E
DOTUM	240300.4S	1335409.8E	DUBUS	360854.5S	1475142.8E	EDNNM	344134.4S	1383704.4E
DOTVU	404959.4S	1450454.0E	DUDEP	323455.9S	1550237.1E	EDPEG	284953.0S	1513542.7E
DOVAR	344139.2S	1384720.7E	DUDIM	140522.9S	1262311.7E	EE2WA	134448.7S	1425225.9E
DOVEX	364924.0S	1474723.0E	DUDIN	315645.6S	1163248.7E	EE2WB	133910.4S	1425113.1E
DOVMI	263657.0S	1532313.7E	DUDOK	340448.2S	1510438.3E	EE2WC	133607.9S	1425613.2E
DOVOD	341132.4S	1404033.4E	DUGAD	380353.1S	1465359.9E	EE2WF	134307.0S	1430040.0E
DOVOM	284022.8S	1630000.0E	DUGAL	274343.7S	1533151.0E	EE2WH	134004.0S	1430513.2E
DOVPO	322252.9S	1514723.9E	DUGAM	123206.5S	1311654.2E	EE2WI	134108.8S	1425556.5E
DOVUB	255342.7S	1442006.7E	DUGEG	304612.0S	1144759.0E	EE2WM	134505.1S	1430523.5E
DOVUT	365435.5S	1441239.9E	DUGGI	363544.7S	1462650.0E	EEMUE	352118.1S	1375914.5E
DOXAP	330121.8S	1515946.3E	DUGOT	373704.0S	1450252.2E	EFFEY	200921.3S	1464030.8E
DOXET	271007.5S	1531958.9E	DUGOV	223749.1S	1193910.1E	EGAPU	322348.2S	1514135.6E
DOXIR	325113.1S	1514522.4E	DUKAD	264818.6S	1501019.6E	EGARO	293000.0S	1140000.0E
DPOWD	412132.1S	1461101.2E	DUKEL	262115.5S	1531025.9E	EGATU	120000.0S	1160536.0E
DPOWE	411346.8S	1460551.4E	DUKEP	124130.4S	1314247.9E	EGAVI	182924.0S	1090224.0E
DPOWF	411123.0S	1461843.2E	DUKEV	291440.0S	1144456.0E	EGEKA	374340.4S	1450110.7E
DPOWG	410825.7S	1460835.9E	DUKID	142122.4S	1322158.4E	EGEVO	330247.1S	1515143.5E
DPOWH	410815.0S	1462947.1E	DUKUB	120000.0S	1491934.0E	EGOPI	201628.0S	1453551.5E
DPOWI	411234.9S	1461217.4E	DUKUK	185000.0S	1464500.0E	EGOPO	340657.5S	1510109.3E
DR2ND	244704.3S	1500026.2E	DULCI	335454.0S	1521518.0E	EGUBA	282338.6S	1503358.2E
DR2NE	244346.7S	1500536.2E	DULIN	273855.5S	1524324.6E	EGUGO	235053.5S	1513255.9E
DR2NF	245348.6S	1500535.5E	DULOG	350702.6S	1382601.0E	EGUMI	153035.2S	1280905.4E
DR2NG	244704.9S	1501045.7E	DULUB	205356.1S	1152312.2E	EK2EA	263040.1S	1184615.0E
DR2NH	250251.0S	1500534.9E	DUMAV	135627.0S	1353544.6E	EK2EB	263503.7S	1185022.8E
DR2NI	244847.7S	1500535.9E	DUMIT	424215.0S	1474346.0E	EK2EC	264003.3S	1184712.1E
DR2SA	251120.0S	1501045.1E	DUMOP	333904.8S	1510558.9E	EK2EF	263558.2S	1183916.3E
DR2SB	251437.8S	1500534.1E	DUMPA	132652.9S	1343049.0E	EK2EH	263641.2S	1183022.9E
DR2SC	251119.4S	1500023.5E	DUNAN	211539.6S	1363407.4E	EK2EI	263531.0S	1184449.6E
DR2SF	250435.9S	1500534.8E	DUNDA	324254.0S	1215200.0E	EK2WD	264218.0S	1181914.9E
DR2SH	245533.4S	1500535.4E	DUNES	340136.0S	1511030.0E	EK2WE	263753.6S	1181508.0E
DR2SI	250936.9S	1500534.4E	DUNNE	375459.0S	1460714.6E	EK2WF	263701.0S	1182614.9E
DRADO	123951.6S	1305201.2E	DUNNI	272849.0S	1532321.5E	EK2WG	263254.7S	1181820.0E
DRAIN	270954.5S	1530503.7E	DUPUG	260143.1S	1482753.5E	EK2WH	263618.2S	1183508.4E
DRBEA	172028.3S	1235244.8E	DUTAK	293011.6S	1173256.1E	EK2WI	263727.4S	1182041.5E
DRBEB	172535.4S	1235529.9E	DUUKE	325858.1S	1504753.2E	EKABO	310355.0S	1503828.7E
DRBEF	172414.8S	1234507.9E	DVOEA	410207.2S	1463640.6E	EKASA	352002.9S	1493553.2E
DRBEH	172124.4S	1233711.1E	DVOEB	410424.0S	1464206.9E	EKEGA	344144.7S	1381546.3E
DRBEI	172455.1S	1235018.9E	DVOEC	410902.9S	1464108.8E	EKIBI	320021.6S	1511302.4E
DRBWD	172221.2S	1232545.4E	DVOEF	410757.2S	1463229.1E	EKIDA	315836.1S	1564648.6E
DRBWE	171646.7S	1232414.9E	DVOEH	410052.1S	1462304.0E	EKIPU	331226.1S	1514426.4E
DRBWF	172017.0S	1233402.6E	DVOEI	410612.0S	1463714.6E	EKKAS	380442.0S	1451124.0E
DRBWG	171330.7S	1232911.0E	DVOEM	410942.2S	1462743.4E	EKOKO	304941.3S	1373915.3E
DRBWH	172305.2S	1234152.9E	DVOET	411100.9S	1462409.0E	EKOKU	161800.0S	1465354.0E
DRBWI	171831.9S	1232908.7E	EAZEE	163323.1S	1454106.1E	EKULA	193234.5S	1144104.4E
DRINA	352513.4S	1391405.8E	EB2WA	170430.6S	1451136.8E	EKUNO	290046.1S	1244209.0E
DRWEA	122435.2S	1310648.4E	EB2WB	165857.6S	1451000.8E	EL2EA	115837.8S	1354744.8E
DRWEB	123007.3S	1310826.0E	EB2WC	165536.9S	1451453.0E	EL2EB	120350.7S	1355014.2E
DRWEC	123331.0S	1310341.7E	EB2WF	170218.6S	1451951.1E	EL2EC	120755.9S	1354606.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
EL2EF	120207.7S	1354010.7E	ENBAB	120718.2S	1302613.4E	ESDOD	322611.2S	1514501.6E
EL2EH	120045.0S	1353208.0E	ENBET	272751.9S	1525353.6E	ESKAN	273957.6S	1530535.8E
EL2EI	120259.2S	1354512.5E	ENBUD	372332.1S	1463528.2E	ESKUT	224853.3S	1490708.2E
EL2EM	120116.0S	1353509.0E	ENDAB	271745.2S	1532128.1E	ESLAR	223551.5S	1482104.0E
EL2WD	120334.9S	1352044.1E	ENDET	182405.2S	1453957.7E	ESLES	255831.1S	1472326.5E
EL2WE	115821.7S	1351815.3E	ENDEV	341048.4S	1511453.8E	ESLOK	375245.6S	1445238.2E
EL2WF	120005.6S	1352818.5E	ENDIS	344618.0S	1504446.8E	ESLOM	290211.8S	1483949.9E
EL2WG	115416.9S	1352223.3E	ENDOR	351711.8S	1492048.7E	ESLUB	271647.8S	1533006.3E
EL2WH	120128.4S	1353621.2E	ENDOV	240406.3S	1175621.5E	ESMIN	325926.1S	1193410.4E
EL2WI	115913.7S	1352316.9E	ENDUM	373929.3S	1450925.1E	ESMUM	185943.9S	1164023.1E
EL2WM	120057.4S	1353320.2E	ENGUD	295934.1S	1181233.6E	ESNAB	380607.3S	1442724.5E
ELAPO	330948.0S	1402706.0E	ENKIG	144114.8S	1322423.8E	ESNAV	270813.0S	1524638.0E
ELATA	344322.1S	1390458.4E	ENKIL	375634.2S	1470528.8E	EURAD	273733.8S	1143532.2E
ELATI	020000.0S	0895742.0E	ENKOG	273413.1S	1530057.7E	EVFRS	165458.0S	1454655.0E
ELBIS	090518.0S	1274342.0E	ENLIP	275701.5S	1523450.9E	EVIEC	302120.2S	1411922.4E
ELDEK	203258.8S	1491429.9E	ENLUB	345808.3S	1381810.4E	EVOKE	284300.9S	1425658.5E
ELDID	292858.1S	1171016.3E	ENNGG	344906.0S	1384954.0E	EVONN	341142.7S	1520152.3E
ELDUX	284008.8S	1533225.7E	ENPAG	313308.0S	1471141.4E	EW2EA	222240.4S	1171044.9E
ELENI	274233.3S	1522944.2E	ENPIM	375251.9S	1473406.7E	EW2EB	222908.0S	1171257.6E
ELGAX	351803.6S	1493115.0E	ENPIT	232159.0S	1262918.3E	EW2EF	222635.9S	1170241.3E
ELGIS	345936.5S	1381638.7E	ENPUD	110954.0S	1322902.0E	EW2EH	222538.8S	1165044.2E
ELGOL	344634.8S	1504507.2E	ENPUK	271743.0S	1525604.1E	EW2EI	222701.5S	1170803.7E
ELGON	295342.0S	1361212.0E	ENPUM	314927.2S	1153954.7E	EW2EM	222559.9S	1165505.2E
ELGUM	121643.8S	1304425.4E	ENRES	162646.0S	1360440.9E	EW2WC	222809.0S	1163854.5E
ELGUN	432654.8S	1630000.0E	ENRIM	281355.3S	1534640.4E	EW2WD	222255.8S	1163617.2E
ELKAB	321529.6S	1504639.9E	ENSAB	214130.0S	1451930.0E	EW2WE	221851.7S	1164039.3E
ELKAK	315324.6S	1160328.3E	ENSEG	372633.5S	1450022.0E	EW2WF	222440.4S	1164656.4E
ELKOV	325050.6S	1515424.6E	ENSID	240218.0S	1154230.0E	EW2WH	222616.7S	1165648.5E
ELLOW	245709.5S	1343627.1E	ENSOM	192225.3S	1462559.2E	EW2WI	222348.1S	1164136.0E
ELMEN	332737.8S	1505015.0E	ENSUR	320037.8S	1153651.9E	EXETA	343825.8S	1501630.7E
ELMEP	324214.3S	1375715.4E	ENTAL	282841.9S	1190633.4E	EXOTU	311316.6S	1494243.2E
ELMOL	272431.0S	1414829.0E	ENTOL	172725.7S	1404959.9E	EXOVA	340345.9S	1512810.4E
ELMOR	400000.1S	1465136.5E	ENTOV	361052.0S	1495026.0E	EXROM	392421.3S	1460523.4E
ELMUM	284556.7S	1391607.3E	ENTOX	274025.7S	1530150.3E	EXXON	254636.0S	1433906.0E
ELNAX	263112.0S	1531158.0E	ENTRA	333459.3S	1514148.5E	EY2EF	135754.3S	1232323.4E
ELNIV	383622.2S	1473159.6E	ENTRE	313202.8S	1305656.8E	EY2EI	135754.2S	1232628.5E
ELNOT	160109.7S	1431722.2E	ENVIR	323407.9S	1515302.1E	EY2EM	135754.3S	1232005.9E
ELONG	320406.0S	1485636.0E	ENVOS	284555.0S	1165817.0E	EY2EN	140355.8S	1232628.6E
ELREL	412230.3S	1471831.1E	EPDAM	121800.9S	1304811.3E	EY2WF	135754.3S	1231424.7E
ELRIM	333233.4S	1375251.6E	EPGAG	164705.7S	1453051.1E	EY2WI	135754.2S	1231119.6E
ELROX	351537.2S	1375402.0E	EPGIB	205208.4S	1152409.4E	EY2WJ	140355.8S	1231119.5E
ELRUG	255523.4S	1472103.3E	EPGIV	323922.6S	1512924.4E	EY2WM	135754.3S	1231742.2E
EMLED	232531.6S	1482153.9E	EPGUP	103902.0S	0993305.6E	EYELA	271534.5S	1502006.3E
EMLEE	232851.9S	1482658.7E	EPKEK	315152.4S	1483913.6E	EYSAW	192301.9S	1451043.8E
EMLEF	233213.2S	1481643.5E	ERINA	305646.1S	1344500.0E	EZDON	250000.0S	1202953.7E
EMLEG	233424.8S	1482519.0E	ERITH	341155.2S	1382638.5E	FAFKA	195706.0S	1234048.0E
EMLEH	233454.2S	1480831.1E	ERVEV	323302.4S	1520212.0E	FALEE	344549.4S	1381109.3E
EMLEI	233032.6S	1482151.2E	ES2ED	334054.4S	1220458.3E	FARMA	174854.7S	1433512.4E
EMLWA	234247.4S	1475940.8E	ES2EE	334628.0S	1220638.9E	FASIE	171952.3S	1431052.0E
EMLWB	233927.0S	1475435.6E	ES2EF	334254.1S	1215526.9E	FAUKS	282434.9S	1535136.4E
EMLWC	233354.2S	1475615.7E	ES2EG	334942.1S	1220057.0E	FB2EE	332410.8S	1481344.6E
EMLWF	233605.9S	1480451.5E	ES2EH	334001.5S	1214629.9E	FB2EF	332236.1S	1480157.0E
EMLWH	233325.1S	1481304.0E	ES2EI	334441.6S	1220102.8E	FB2EG	332818.5S	1480858.7E
EMLWI	233746.5S	1475943.6E	ES2SA	380939.2S	1465229.9E	FB2EH	332110.7S	1475120.3E
EMPUM	275158.9S	1523529.2E	ES2SB	381523.7S	1465238.5E	FB2EI	332323.4S	1480750.8E
EMPUP	344813.0S	1384625.3E	ES2SC	381714.9S	1465932.1E	FB2EJ	332045.8S	1480935.2E
EMRIG	373859.6S	1451141.2E	ES2SF	380929.4S	1470253.2E	FB2WA	332429.9S	1474035.0E
EMROT	324519.6S	1494845.6E	ES2SH	380435.7S	1471123.1E	FB2WB	331919.7S	1473735.6E
EMSEK	373839.3S	1445727.7E	ES2SI	381226.5S	1465745.9E	FB2WC	331512.2S	1474221.4E
EMSIT	270629.5S	1531128.6E	ES2WA	334054.6S	1213332.1E	FB2WF	332054.9S	1474922.7E
EMSOD	273332.0S	1514738.0E	ES2WB	333519.6S	1213152.6E	FB2WH	332220.3S	1475959.3E
EMSUP	220032.0S	1495704.3E	ES2WC	333207.2S	1213733.7E	FB2WI	332007.3S	1474329.1E
EMSUR	323350.5S	1502814.7E	ES2WF	333855.5S	1214303.1E	FDFEA	222031.5S	1194009.5E
EMTID	292345.9S	1502619.8E	ES2WH	334147.6S	1215200.2E	FDFEB	222616.8S	1194014.9E
EMTUS	293451.7S	1465705.5E	ES2WI	333707.7S	1213727.7E	FDFEC	222819.5S	1193427.6E
EMVAS	112812.0S	1002942.0E	ESDAM	192145.8S	1464255.3E	FDFEF	222038.6S	1193119.2E
EMVEP	205617.1S	1151835.2E	ESDAN	374336.3S	1445440.9E	FDFEH	221608.2S	1192410.9E
EMVOM	331728.4S	1494823.1E	ESDEG	291231.7S	1160124.9E	FDFEI	222327.7S	1193547.0E
EMVUG	332218.3S	1514555.1E	ESDIG	374432.1S	1434524.0E	FDFWD	221425.9S	1191227.8E
ENAID	272256.5S	1533732.3E	ESDIT	204452.5S	1152949.7E	FDFWE	220840.6S	1191222.3E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
FDFWF	221418.6S	1192117.4E	FTZSC	182124.7S	1252459.6E	GEMAC	381325.8S	1501930.5E
FDFWG	220637.6S	1191808.7E	FTZSF	181623.9S	1253149.1E	GEORG	350339.9S	1493011.6E
FDFWH	221849.1S	1192825.6E	FTZSH	180844.1S	1253420.2E	GEPEC	274611.6S	1523228.9E
FDFWI	221129.5S	1191649.8E	FTZSI	182111.3S	1253014.7E	GERBL	273429.6S	1522538.4E
FECTI	182803.3S	1165413.2E	FTZSM	181136.6S	1253323.5E	GEROS	350105.5S	1545954.6E
FENDA	321826.0S	1154553.0E	FYSTI	272234.3S	1531545.2E	GETON	350358.2S	1384437.6E
FI2ND	322736.5S	1192945.4E	GAANY	302620.2S	1371756.3E	GF2EA	340556.8S	1461440.4E
FI2NE	322213.3S	1193207.4E	GAFER	221750.5S	1363807.4E	GF2EB	340853.1S	1462036.7E
FI2NF	323028.2S	1193850.0E	GALAH	350454.0S	1420642.0E	GF2EC	341431.8S	1461919.4E
FI2NG	322215.7S	1193853.7E	GALON	303804.7S	1543200.4E	GF2EF	341259.9S	1460937.2E
FI2NH	323703.9S	1194413.0E	GARTH	265953.6S	1524529.5E	GF2EH	341641.9S	1455943.2E
FI2NI	322620.8S	1193528.5E	GASSO	200000.0S	1512024.0E	GF2EI	341056.5S	1461507.0E
FI2SA	324214.1S	1195513.5E	GATER	282655.4S	1554104.0E	GF2WD	342431.9S	1455232.6E
FI2SB	324737.6S	1195252.4E	GATOR	122743.0S	1314525.0E	GF2WE	342135.3S	1454635.5E
FI2SC	324736.0S	1194604.2E	GAVAS	322000.0S	1465936.0E	GF2WF	341729.1S	1455736.3E
FI2SF	323923.5S	1194607.2E	GAYED	252702.7S	1514832.5E	GF2WG	341556.7S	1454753.6E
FI2SH	323248.0S	1194044.0E	GAYEE	252956.4S	1515401.1E	GF2WH	341347.3S	1460730.6E
FI2SI	324330.6S	1194929.7E	GAYEF	253408.5S	1514358.8E	GF2WI	341932.2S	1455206.0E
FIKUL	282342.0S	1533912.0E	GAYEG	253536.2S	1515253.7E	GFNNA	293226.4S	1525748.5E
FISHA	335436.0S	1512236.0E	GAYEH	253729.7S	1513556.4E	GFNNC	292935.1S	1530330.9E
FLATS	185806.0S	1404948.0E	GAYEI	253202.6S	1514900.0E	GFNND	293317.7S	1530832.2E
FLATY	252449.6S	1545310.6E	GAYEM	253614.3S	1513857.3E	GFNNF	293934.1S	1530228.4E
FLDNA	234621.0S	1512254.5E	GAYLA	265538.6S	1525211.7E	GFNNH	295207.6S	1525950.2E
FLDNC	234412.9S	1512350.9E	GAYWA	254616.2S	1512717.8E	GFNNI	293434.6S	1530259.7E
FLDND	234319.0S	1512609.1E	GAYWB	254321.4S	1512149.1E	GGEEA	284659.7S	1171259.0E
FLDNF	234837.3S	1512842.9E	GAYWC	253741.9S	1512258.1E	GGEEB	285240.7S	1171358.8E
FLDNI	234619.5S	1512610.7E	GAYWF	253910.9S	1513153.0E	GGEEC	285526.7S	1170815.1E
FLDNM	235324.4S	1513400.3E	GAYWH	253550.0S	1513955.6E	GGEEF	284814.6S	1170346.1E
FLIKI	400000.0S	1462336.0E	GAYWI	254116.3S	1512651.1E	GGEEH	284441.1S	1165536.6E
FLIWA	401525.0S	1474908.0E	GAYWM	253705.4S	1513654.7E	GGEEI	285027.8S	1170852.4E
FLIWB	401251.9S	1474225.5E	GB2EA	120656.6S	1350701.9E	GGEEM	284601.2S	1165840.1E
FLIWC	400709.7S	1474315.7E	GB2EB	121238.3S	1350755.9E	GGEWD	284440.8S	1164335.4E
FLIWF	400804.4S	1475352.5E	GB2EC	121524.9S	1350247.9E	GGEWE	283859.6S	1164237.4E
FLIWH	400957.3S	1475822.7E	GB2EF	120812.2S	1345846.0E	GGEWF	284327.5S	1165248.3E
FLIWI	401028.2S	1474809.2E	GB2EH	120439.2S	1345126.2E	GGEWG	283614.7S	1164821.0E
FLIZA	401510.2S	1474646.3E	GB2EI	121025.3S	1350320.9E	GGEWH	284701.2S	1170057.6E
FLIZB	401210.3S	1474023.1E	GB2WD	120426.3S	1344008.8E	GGEWI	284113.6S	1164742.7E
FLIZC	400632.8S	1474152.6E	GB2WE	115844.6S	1343915.5E	GGEWM	284541.1S	1165754.0E
FLIZF	400810.7S	1475220.6E	GB2WF	120311.2S	1344824.8E	GIBIL	353350.6S	1491242.6E
FLIZH	401004.4S	1475627.1E	GB2WG	115558.3S	1344423.4E	GIGEA	312124.3S	1160252.8E
FLIZI	401010.5S	1474622.0E	GB2WH	120644.3S	1345544.5E	GIGEB	312422.1S	1160701.1E
FLIZM	400610.3S	1475818.8E	GB2WI	120057.9S	1344350.1E	GIGEC	312840.2S	1160512.5E
FOGGI	163923.3S	1455333.6E	GDINA	281900.5S	1502438.3E	GIGEF	312641.7S	1155651.3E
FONLO	432852.1S	1574628.3E	GDINC	281942.8S	1503105.0E	GIGEI	312524.0S	1160230.1E
FOXLO	353308.7S	1491846.7E	GDIND	282519.3S	1503232.7E	GIGEM	312744.0S	1155220.3E
FRAZA	332605.2S	1355227.4E	GDINF	282709.7S	1502329.5E	GIGWD	312702.8S	1153822.1E
FREDO	330250.4S	1515045.6E	GDINH	283306.8S	1501724.3E	GIGWE	313122.2S	1153632.4E
FRTEA	304618.7S	1282139.6E	GDINI	282326.3S	1502717.4E	GIGWF	312901.6S	1154642.4E
FRTEB	305113.2S	1282507.7E	GDINM	283052.9S	1501941.4E	GIGWG	313419.3S	1154039.6E
FRTEC	305542.7S	1282058.1E	GDISE	284329.3S	1501358.6E	GIGWI	313019.6S	1154103.5E
FRTEF	305034.9S	1281332.1E	GDISF	283520.4S	1501507.5E	GIGWM	312759.4S	1155113.4E
FRTEH	305003.4S	1280415.8E	GDISG	284246.7S	1500730.2E	GILES	350017.7S	1374752.1E
FRTEI	305054.2S	1281919.9E	GDISH	282838.7S	1502158.6E	GILUM	113636.0S	1390048.0E
FRTEM	305015.3S	1280744.4E	GDISI	283903.5S	1501118.9E	GIPPS	374236.0S	1480506.0E
FRTND	303758.8S	1280114.2E	GDISJ	283710.3S	1500603.1E	GITOP	352541.3S	1373342.4E
FRTNE	303439.3S	1280639.5E	GDISM	283137.3S	1501856.0E	GITSM	204126.6S	1165428.7E
FRTNF	304440.7S	1280643.9E	GE2EA	180834.8S	1434059.0E	GIVEB	311356.8S	1192121.3E
FRTNG	303755.3S	1281207.7E	GE2EB	181120.5S	1434616.2E	GIVID	391412.4S	1502737.4E
FRTNH	305241.8S	1280647.4E	GE2EC	181702.1S	1434521.8E	GIVOT	424151.1S	1473506.0E
FRTNI	303940.0S	1280641.7E	GE2EF	181547.8S	1433651.3E	GIXOX	232411.7S	1501732.0E
FRTNM	304941.4S	1280646.0E	GE2EH	181948.2S	1432822.6E	GLENN	273430.0S	1530112.0E
FTZND	175747.2S	1253245.7E	GE2EI	181334.1S	1434133.7E	GLINA	293003.4S	1513058.2E
FTZNE	175602.9S	1253829.9E	GE2WD	182744.5S	1432242.6E	GLINC	292517.6S	1513439.5E
FTZNF	180537.6S	1253521.4E	GE2WE	182458.7S	1431725.0E	GLIND	292641.6S	1514101.6E
FTZNG	180036.7S	1254210.1E	GE2WF	182031.7S	1432650.6E	GLINF	293439.6S	1513844.6E
FTZNH	181317.4S	1253250.4E	GE2WG	181917.2S	1431819.8E	GLINH	294209.1S	1514201.3E
FTZNI	180050.3S	1253655.6E	GE2WH	181631.3S	1433519.3E	GLINI	292958.6S	1513642.0E
FTZNM	181025.0S	1253347.0E	GE2WI	182245.2S	1432207.8E	GLINM	293920.5S	1514047.5E
FTZSA	182414.3S	1253425.2E	GEDEN	374312.0S	1450054.0E	GLISE	294854.9S	1515239.1E
FTZSB	182558.6S	1252840.1E	GEKKO	211209.3S	1315023.6E	GLISF	294510.8S	1514416.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
GLISG	295402.2S	1514939.1E	GR2EF	275958.1S	1235401.6E	GUNTA	331212.1S	1512818.8E
GLISH	293712.5S	1513925.6E	GR2EG	280224.8S	1240131.6E	GUPDA	152655.0S	1451114.2E
GLISI	294936.5S	1514657.5E	GR2EH	280356.5S	1234419.0E	GUPOD	121857.1S	1305102.3E
GLISJ	295319.7S	1514306.2E	GR2EI	275751.8S	1235909.2E	GUPOM	211008.5S	1162249.7E
GLISM	294045.1S	1514134.6E	GR2WA	281050.3S	1234056.6E	GUPOX	164453.7S	0800000.0E
GLOBE	344748.4S	1383354.9E	GR2WB	280822.4S	1233326.5E	GUPUG	373849.4S	1443529.6E
GLZED	235155.6S	1512741.8E	GR2WC	280143.6S	1233613.3E	GURAB	333855.9S	1152526.8E
GLZEE	235729.1S	1512919.0E	GR2WF	280411.2S	1234343.0E	GUSNI	281223.4S	1503316.7E
GLZEF	235402.9S	1511903.7E	GR2WH	280013.2S	1235325.0E	GUSNU	125410.8S	1293758.3E
GLZEG	240047.1S	1512411.0E	GR2WI	280616.9S	1233834.9E	GUSPU	341414.6S	1510250.9E
GLZEH	235526.7S	1510608.4E	GRACY	372050.2S	1413443.3E	GUTEV	080424.0S	1311936.0E
GLZEI	235546.1S	1512411.3E	GRAEM	271856.0S	1531005.1E	GUTIV	335438.5S	1530614.4E
GLZWA	235217.3S	1505800.7E	GREAV	281900.1S	1533811.0E	GUTLI	240636.6S	1164749.9E
GLZWC	234252.4S	1510146.5E	GREGA	170020.2S	1324528.0E	GUTMO	350924.4S	1491236.2E
GLZWF	234915.4S	1510450.7E	GRIGS	345434.8S	1384319.6E	GUTTA	271043.8S	1530743.4E
GLZWH	235303.0S	1511605.6E	GROOK	341204.1S	1511359.5E	GUVIX	264403.5S	1532146.5E
GO2ED	340103.2S	1181607.5E	GT2ED	135540.4S	1364058.2E	GUVNA	230200.1S	1184124.8E
GO2EE	340647.4S	1181632.2E	GT2EE	140051.1S	1364332.7E	GUXIB	233808.6S	1593048.1E
GO2EF	340132.2S	1180617.0E	GT2EF	135915.9S	1363323.3E	GW2NA	283422.2S	1144148.9E
GO2EG	340904.3S	1181011.7E	GT2EG	140459.5S	1363926.2E	GW2NC	283243.4S	1144803.3E
GO2EH	335719.4S	1175805.8E	GT2EH	135759.5S	1362515.9E	GW2ND	283720.1S	1145156.7E
GO2EI	340409.9S	1181124.5E	GT2EI	140003.6S	1363828.0E	GW2NF	284214.3S	1144428.6E
GO2WA	335617.9S	1174523.4E	GT2WA	140100.5S	1361403.8E	GW2NH	284950.9S	1144136.4E
GO2WB	335033.5S	1174500.8E	GT2WB	135549.2S	1361129.5E	GW2NI	283728.9S	1144616.1E
GO2WC	334817.8S	1175120.7E	GT2WC	135141.4S	1361535.9E	GW2SE	290109.2S	1144258.6E
GO2WF	335550.5S	1175513.4E	GT2WF	135725.3S	1362138.6E	GW2SF	285317.0S	1144018.5E
GO2WH	340003.5S	1180324.4E	GT2WH	135841.9S	1362945.9E	GW2SG	290247.7S	1143642.4E
GO2WI	335312.1S	1175007.0E	GT2WI	135637.3S	1361634.0E	GW2SH	284540.3S	1144311.0E
GOANA	322629.8S	1540923.5E	GU2ED	310004.7S	1502943.6E	GW2SI	285802.4S	1143830.5E
GOBAR	224504.7S	1475953.6E	GU2EE	310549.3S	1502959.7E	GW2SJ	285810.5S	1143248.6E
GODIM	283530.0S	1481300.0E	GU2EF	310024.4S	1502012.0E	GZBND	343656.4S	1495033.9E
GODIP	120012.0S	1440742.0E	GU2EH	305531.7S	1501123.6E	GZBNE	343811.1S	1495721.0E
GODUX	313725.2S	1150818.2E	GU2EI	310306.8S	1502505.8E	GZBNF	344456.9S	1494824.3E
GOGEV	174616.8S	1213338.4E	GU2EJ	310858.8S	1502333.3E	GZBNG	344352.9S	1495815.6E
GOGEX	272726.7S	1530513.0E	GU2WA	305424.9S	1495917.9E	GZBNH	345021.1S	1494113.9E
GOKIB	302907.0S	1365236.0E	GU2WB	304839.8S	1495902.6E	GZBNI	344134.1S	1495252.8E
GOKUN	230859.6S	1502753.8E	GU2WC	304629.6S	1500512.1E	GZBSA	350010.5S	1493637.7E
GOKUP	232026.7S	1183305.0E	GU2WF	305405.7S	1500848.4E	GZBSB	345854.7S	1492949.0E
GOLOM	324433.6S	1520721.0E	GU2WH	310415.5S	1500824.7E	GZBSC	345312.6S	1492856.1E
GOLUX	175812.6S	1175217.1E	GU2WI	305122.9S	1500355.4E	GZBSF	345210.1S	1493848.8E
GOMAN	353836.0S	1485448.9E	GU2WM	305648.4S	1501341.8E	GZBSH	344646.1S	1494559.6E
GOMAP	224229.0S	1292028.5E	GUBVO	175348.0S	1253636.0E	GZBSI	345532.5S	1493419.1E
GOMOL	281008.2S	1533014.7E	GUDSO	261644.8S	1530614.3E	HA2NF	373318.8S	1420343.5E
GOMOM	420910.2S	1451741.4E	GUDUG	070436.0S	0750000.0E	HA2NH	374215.9S	1420435.0E
GOMUB	335530.5S	1504117.2E	GUGAB	294106.8S	1394959.2E	HA2NI	372818.5S	1420344.1E
GOMUL	273316.5S	1352629.5E	GUGAN	192933.5S	1465104.4E	HA2NJ	372635.2S	1415750.3E
GONEB	373145.1S	1471839.9E	GUGED	281701.3S	1533155.1E	HA2NK	372318.1S	1420344.7E
GOOLA	374848.6S	1450034.0E	GUGMA	353447.7S	1390104.1E	HA2NL	372636.0S	1420938.3E
GOOMA	330938.5S	1550258.2E	GUGON	323012.0S	0750000.0E	HA2SE	375114.4S	1420937.5E
GOONY	350352.7S	1491224.7E	GUGRA	212336.0S	1162542.0E	HA2SF	374431.0S	1420342.2E
GOOTA	220138.0S	1181918.7E	GUGTI	345355.0S	1383615.5E	HA2SG	375431.7S	1420341.2E
GOPMI	132124.7S	1423200.9E	GUGUK	145628.5S	1385236.0E	HA2SH	373630.5S	1420343.1E
GOPVO	292448.7S	1492646.2E	GUKEL	163913.3S	1223438.1E	HA2SI	374931.4S	1420341.7E
GORGN	204335.4S	1163841.4E	GUKON	225621.3S	1213054.4E	HA2SJ	375113.6S	1415745.6E
GORMA	315148.7S	1154151.9E	GUKVI	161454.0S	1341536.0E	HAAKE	345445.0S	1382012.5E
GORRI	272710.5S	1525554.3E	GULEB	422933.0S	1472323.3E	HAAVI	251926.7S	1525259.0E
GORSO	274321.6S	1525443.5E	GULFF	142200.0S	1400000.0E	HAIGH	314759.9S	1160021.0E
GOSKO	374511.5S	1444345.4E	GULFS	345111.1S	1380808.3E	HALAS	335052.5S	1511544.5E
GOSNL	320420.9S	1160510.2E	GULNU	391901.2S	1443534.9E	HAPPI	345749.5S	1480134.7E
GOSVU	203141.9S	1490519.8E	GULOP	154912.4S	1415522.4E	HARBY	314350.7S	1152028.3E
GOTLU	414819.7S	1462509.0E	GULUM	231312.6S	1282748.8E	HARMN	321012.0S	1155354.0E
GOTSI	192539.4S	1464104.8E	GUMAP	305201.8S	1475353.7E	HARRO	374658.1S	1451646.7E
GPNSA	113619.4S	1302047.1E	GUMBA	274408.0S	1514820.4E	HARVS	254259.9S	1560400.5E
GPNSB	113538.7S	1301458.8E	GUMKI	271113.0S	1535133.0E	HAYCO	320824.0S	1154206.0E
GPNSC	113002.2S	1301338.5E	GUMUR	123103.2S	1305530.5E	HAYES	373306.0S	1451412.0E
GPNSF	112741.7S	1302210.5E	GUMUT	192037.4S	1470823.4E	HAZOS	302346.8S	1374043.4E
GPNSH	112209.1S	1302711.2E	GUNAM	144202.5S	1251212.7E	HB410	424137.7S	1472556.9E
GPNSI	113154.0S	1301822.3E	GUNGN	315812.7S	1160759.0E	HB420	424703.7S	1472630.5E
GR2ED	275318.8S	1235646.9E	GUNOK	313316.8S	1160727.6E	HB430	425245.5S	1473412.5E
GR2EE	275545.4S	1240416.5E	GUNRO	163550.1S	1453720.5E	HB510	425207.4S	1474002.6E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
HB520	425230.3S	1473352.8E	HIDOT	321249.0S	1162719.5E	HOORN	205051.6S	1163250.3E
HB530	424743.7S	1472722.2E	HIINE	284956.1S	1342223.9E	HOPLA	373911.8S	1444143.2E
HBAEA	252104.2S	1530726.2E	HILAR	313842.8S	1482909.5E	HORSH	374335.7S	1445055.2E
HBAEB	252647.3S	1530808.8E	HIMOD	344820.7S	1384059.9E	HORUS	372641.7S	1450944.5E
HBAEC	252921.0S	1530228.3E	HINDS	304741.6S	1163216.5E	HOTTA	222936.0S	1425812.0E
HBAEF	252159.3S	1525826.8E	HIPPO	352754.9S	1492306.8E	HOVEA	315242.0S	1160454.2E
HBAEH	251641.7S	1524747.3E	HIRST	345437.7S	1385652.4E	HOWLY	344600.0S	1473636.0E
HBAEI	252423.4S	1530317.7E	HM2NA	201204.2S	1484421.4E	HR2EA	125106.8S	1433225.6E
HBAWD	251725.7S	1523828.1E	HM2ND	200719.1S	1485101.2E	HR2EB	125652.2S	1433226.6E
HBAWE	251142.5S	1523746.8E	HM2NF	201528.5S	1485218.8E	HR2EC	125851.3S	1432656.0E
HBAWF	251631.7S	1524727.1E	HM2NH	202328.9S	1485843.7E	HR2EF	125108.1S	1432402.7E
HBAWG	250909.8S	1524327.0E	HM2NI	201050.4S	1484836.3E	HR2EH	124558.1S	1431730.0E
HBAWH	252022.6S	1525511.9E	HM2NM	201928.8S	1485531.2E	HR2EI	125400.2S	1432814.6E
HBAWI	251407.2S	1524236.8E	HM2SE	203031.7S	1490954.5E	HR2EM	124815.9S	1431950.9E
HBTEB	425831.0S	1474204.1E	HM2SF	202725.2S	1490153.4E	HR2WD	124300.7S	1430346.8E
HBTEC	425941.5S	1473812.9E	HM2SH	201929.7S	1485532.0E	HR2WE	123715.0S	1430346.4E
HBTEF	425334.0S	1473519.4E	HM2SI	203046.8S	1490435.4E	HR2WF	124300.1S	1431209.7E
HBTEH	424906.4S	1472916.0E	HM2SM	202329.9S	1485844.5E	HR2WG	123516.4S	1430917.0E
HBTEI	425541.3S	1473812.7E	HM405	203152.4S	1490501.3E	HR2WH	124844.9S	1432033.3E
HBTEM	425113.9S	1473208.9E	HM406	202708.9S	1485659.9E	HR2WI	124007.6S	1430758.0E
HBZWD	424354.1S	1471129.1E	HM407	203501.9S	1490039.5E	HS2EA	363520.8S	1422558.9E
HBZWF	424456.7S	1472339.3E	HM501	201550.4S	1485555.6E	HS2EB	364001.5S	1423006.9E
HBZWG	423652.2S	1472146.2E	HM605	201928.8S	1485531.2E	HS2EC	364445.3S	1422604.4E
HBZWH	425119.8S	1473216.6E	HM610	201838.5S	1485450.9E	HS2EF	364005.9S	1421741.1E
HBZWI	424057.6S	1471817.8E	HM615	202119.4S	1485313.6E	HS2EH	364008.6S	1420744.3E
HBZWM	424912.2S	1472923.9E	HM640	201455.4S	1485152.3E	HS2EI	364003.9S	1422354.1E
HCQNA	180207.7S	1274512.8E	HM642	201149.0S	1485415.9E	HS2EM	364007.7S	1421128.1E
HCQNC	180300.4S	1275109.7E	HM647	201318.4S	1485539.0E	HS2WD	364453.1S	1415521.8E
HCQND	180839.2S	1275220.2E	HM660	201050.1S	1484836.1E	HS2WE	364011.1S	1415115.6E
HCQNF	181015.3S	1274353.9E	HM684	202152.8S	1485726.7E	HS2WF	364009.4S	1420341.6E
HCQNH	181603.1S	1273804.9E	HM685	202617.0S	1490058.6E	HS2WG	363528.4S	1415520.2E
HCQNI	180637.9S	1274731.9E	HM690	202315.2S	1490513.2E	HS2WH	363320.3S	1421121.2E
HCQNM	181352.7S	1274015.8E	HM695	200428.1S	1485010.2E	HS2WI	364010.4S	1415728.6E
HCQSE	182612.3S	1273443.3E	HM710	202415.2S	1485920.9E	HS2WM	364008.1S	1420954.6E
HCQSF	181804.7S	1273602.7E	HM715	202750.0S	1485917.5E	HT2ED	200058.1S	1463010.7E
HCQSG	182519.1S	1272845.6E	HM720	203114.5S	1485810.3E	HT2EE	195514.8S	1463052.6E
HCQSH	181217.0S	1274151.9E	HM735	202727.3S	1490155.1E	HT2EF	200001.2S	1462132.1E
HCQSI	182141.9S	1273224.2E	HM740	202927.2S	1490331.4E	HT2EH	200350.0S	1461403.2E
HCQSJ	181940.1S	1272735.8E	HM745	203324.0S	1490613.2E	HT2EI	195738.1S	1462612.4E
HCQSM	181427.4S	1273941.0E	HM764	202037.0S	1485625.9E	HT2WA	201234.8S	1460723.5E
HEALE	130848.0S	1400000.0E	HM765	201636.8S	1485313.4E	HT2WB	200959.3S	1460156.6E
HECTO	330018.0S	1203054.0E	HM770	201335.2S	1485727.9E	HT2WC	200416.2S	1460239.6E
HELLI	131434.6S	1294937.0E	HM775	202840.1S	1490934.4E	HT2WF	200513.9S	1461118.3E
HENDO	171314.8S	1455416.0E	HM831	203049.3S	1485923.8E	HT2WH	200125.3S	1461847.3E
HERNE	314948.5S	1160341.8E	HM832	202900.6S	1490009.5E	HT2WI	200736.7S	1460637.6E
HEWIT	423000.6S	1505528.6E	HM834	202501.7S	1485958.2E	HUMOK	311912.0S	1472800.0E
HGDEA	205230.9S	1442649.6E	HM836	202824.5S	1490241.0E	HUUGO	280523.3S	1525529.2E
HGDEB	205815.9S	1442632.1E	HM838	203338.1S	1490619.7E	HXXND	341955.7S	1445545.0E
HGDEC	205958.4S	1442040.8E	HM841	201720.9S	1485348.7E	HXXNE	342047.2S	1450236.0E
HGDEF	205207.2S	1441805.4E	HM842	201331.7S	1485656.0E	HXXNF	342802.6S	1445416.0E
HGDEH	204635.0S	1441029.9E	HM843	201624.6S	1485830.4E	HXXNG	342625.1S	1450358.5E
HGDEI	205511.6S	1442218.6E	HO2EA	320044.8S	1195922.3E	HXXNH	343434.3S	1444645.3E
HGDWD	204500.6S	1440010.7E	HO2EB	320507.5S	1200344.7E	HXXNI	342424.9S	1445826.1E
HGDWE	203915.6S	1440029.2E	HO2EC	321007.3S	1200024.5E	HXXNM	343140.3S	1445005.8E
HGDWF	204525.2S	1440854.5E	HO2EF	320603.6S	1195201.5E	HXXSA	344358.9S	1444346.5E
HGDWG	203733.9S	1440619.8E	HO2EH	320648.0S	1194236.0E	HXXSB	344307.2S	1443653.7E
HGDWH	205057.5S	1441629.8E	HO2EI	320535.7S	1195753.1E	HXXSC	343729.2S	1443531.6E
HGDWI	204220.5S	1440441.7E	HO2WE	320757.4S	1192731.6E	HXXSF	343552.2S	1444515.6E
HI2ED	102921.8S	1422902.4E	HO2WF	320703.5S	1193915.2E	HXXSH	342920.6S	1445246.5E
HI2EE	103345.8S	1423248.0E	HO2WG	320258.4S	1193053.5E	HXXSI	343929.7S	1444104.7E
HI2EF	103440.6S	1422241.4E	HO2WH	320619.7S	1194837.3E	HXXSM	343214.7S	1444926.2E
HI2EG	103845.9S	1422954.5E	HO2WI	320730.6S	1193323.4E	IA2EF	223453.8S	1200827.0E
HI2EH	103524.3S	1421436.0E	HOBBO	120000.0S	1530932.7E	IA2EG	223010.8S	1201644.7E
HI2EI	103413.3S	1422744.7E	HODDA	131604.4S	1315755.6E	IA2EH	223453.8S	1202018.0E
HI2WA	104057.7S	1420527.6E	HOKOR	133718.0S	1380000.0E	IA2EI	223453.7S	1201453.8E
HI2WB	103633.4S	1420142.3E	HOLIT	342756.9S	1382122.7E	IA2EJ	223936.6S	1201644.7E
HI2WC	103133.6S	1420436.2E	HONEY	353555.3S	1490345.1E	IA2WB	223936.5S	1194732.7E
HI2WF	103539.2S	1421149.1E	HONGI	212957.3S	1312123.7E	IA2WF	223453.7S	1195550.5E
HI2WH	103455.7S	1421954.5E	HOODY	342454.0S	1193436.0E	IA2WI	223453.6S	1194923.6E
HI2WI	103606.4S	1420645.7E	HOOLI	215651.7S	1180743.9E	IB3EA	211828.9S	1190658.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
IB3EB	212410.2S	1190754.2E	IFLEI	174243.8S	1460824.7E	IKEVA	291257.0S	1164112.0E
IB3EC	212656.4S	1190230.8E	IFLEM	173455.3S	1460149.7E	IKEXO	103640.4S	1044906.5E
IB3EF	211943.8S	1185817.7E	IG2EA	182954.4S	1461524.5E	IKIMO	325137.8S	1514202.4E
IB3EH	211544.3S	1184940.7E	IG2EB	183128.1S	1462240.1E	IKISA	262920.6S	1531700.9E
IB3EI	212157.1S	1190305.8E	IG2EC	183713.2S	1462223.1E	IKIVU	345318.3S	1381111.4E
IB3WD	211554.3S	1183842.6E	IG2EF	183649.9S	1461346.2E	IKOBI	423143.4S	1470952.4E
IB3WF	211440.3S	1184722.8E	IG2EH	184223.6S	1461013.8E	IKODA	163724.0S	1572654.0E
IB3WG	210727.4S	1184310.8E	IG2EI	183409.0S	1461813.2E	IKOLA	192412.0S	1414100.0E
IB3WH	211841.8S	1185603.7E	IG2EM	183930.6S	1460919.0E	IKOMI	134800.0S	1433700.0E
IB3WI	211226.6S	1184235.1E	IGALA	335045.5S	1510859.9E	IKUMA	102548.0S	1270806.0E
IBABI	333751.1S	1410051.2E	IGARU	272514.1S	1531642.2E	IMATI	272919.7S	1522334.5E
IBADI	324444.1S	1515726.8E	IGASO	263818.5S	1164404.4E	IMBND	325315.9S	1363301.7E
IBARU	373319.9S	1452727.0E	IGBAK	324846.7S	1512627.8E	IMBNE	325346.9S	1363948.8E
IBOBO	381714.5S	1422713.3E	IGBER	204503.5S	1152638.0E	IMBNF	330126.3S	1363208.9E
IBOMU	122353.2S	1321606.3E	IGBIK	191451.5S	1463548.8E	IMBNG	325920.1S	1364133.8E
IBORI	221643.7S	1471218.2E	IGBIR	125255.2S	1311752.8E	IMBNH	330733.5S	1362600.0E
IBOVU	351407.0S	1441830.0E	IGBON	270621.8S	1530707.4E	IMBNI	325736.6S	1363559.0E
IBUNA	270327.8S	1522831.8E	IGBOV	122837.9S	1304352.9E	IMBSA	331754.8S	1362254.3E
IBUNO	190000.0S	1464900.0E	IGDAM	322954.7S	1505444.9E	IMBSB	331722.9S	1361605.5E
IBUPA	244837.7S	1180632.7E	IGDEB	233326.3S	1332257.2E	IMBSC	331149.3S	1361421.7E
IBUSU	160438.3S	1361818.1E	IGDEL	351537.7S	1484003.4E	IMBSF	330944.4S	1362348.2E
IBUXI	184121.4S	1463041.3E	IGDIT	292521.6S	1483501.0E	IMBSH	330337.3S	1362957.4E
IDANU	264057.7S	1354346.2E	IGIKI	180319.5S	1461352.1E	IMBSI	331333.7S	1361957.0E
IDBIM	340028.5S	1511443.6E	IGIPA	334438.1S	1414900.3E	INDEE	280443.0S	1533058.0E
IDBUG	294021.7S	1483941.2E	IGLAP	282526.9S	1535930.1E	INGMA	360602.9S	1600146.4E
IDELU	113545.4S	1362148.1E	IGLUM	325417.3S	1513341.3E	INOKE	320200.4S	1511929.2E
IDETU	161153.5S	1442011.5E	IGLUT	215629.1S	1153430.7E	INTOG	353900.4S	1390423.1E
IDEVI	061300.0S	0831854.0E	IGMAS	271434.3S	1524710.0E	INVIX	313958.8S	1170511.1E
IDGIB	304508.6S	1212035.9E	IGMET	351109.5S	1484821.8E	INVUS	335432.4S	1534428.3E
IDGIG	311917.7S	1481834.9E	IGMIL	351729.3S	1461054.7E	IPDIG	315902.8S	1155231.0E
IDIDI	321146.6S	1493228.9E	IGMOB	322532.7S	1513629.1E	IPGAV	271952.0S	1534116.2E
IDKEG	292646.9S	1420329.3E	IGMOL	163055.6S	1453757.2E	IPGOK	310444.9S	1480735.7E
IDKOS	271548.4S	1533634.8E	IGMUP	325543.3S	1515133.5E	IPGUX	322629.0S	1514328.5E
IDLEG	260848.3S	1505451.4E	IGNES	374634.4S	1443041.6E	IPLAV	174503.9S	1393154.3E
IDLUD	121538.5S	1304105.3E	IGNIX	241847.5S	1444536.7E	IPLET	422052.8S	1474648.5E
IDMIG	142253.5S	1321655.3E	IGNOM	312956.2S	1154106.2E	IPLOP	364455.0S	1490021.0E
IDMIK	212100.5S	1163258.0E	IGNUL	125800.0S	1435800.0E	IPMAD	254936.0S	1453006.0E
IDNER	285228.5S	1530252.7E	IGNUV	323750.9S	1515531.4E	IPMED	323907.0S	1513803.9E
IDNOB	310148.0S	1484808.0E	IGOLO	263105.1S	1530107.1E	IPMOR	315215.0S	1153142.1E
IDNUT	313134.6S	1432229.3E	IGOMU	280059.8S	1532534.3E	IPNET	225042.8S	1500544.8E
IDODA	292646.4S	1450214.8E	IGOPO	115639.8S	1340705.8E	IPRAM	295338.7S	1452904.4E
IDOGI	305035.1S	1502740.1E	IGORU	205919.3S	1152020.2E	IPRIS	214424.0S	1135212.0E
IDOKU	181532.7S	1110650.8E	IGPEB	351607.0S	1451745.0E	IRMEL	274724.7S	1533020.4E
IDOTO	113106.0S	1263848.4E	IGPIV	273725.4S	1531558.3E	IRMOX	264610.0S	1503701.0E
IDPAT	274335.4S	1531720.4E	IGPON	374013.7S	1451302.3E	IRNOD	313840.0S	1151256.1E
IDPEP	324128.4S	1513320.9E	IGUBO	113545.6S	1032032.9E	IRPES	323600.3S	1512759.0E
IDPIL	143823.2S	1322947.0E	IGUPI	262848.9S	1515541.6E	IRPOD	280117.5S	1532453.9E
IDRAS	271600.5S	1534730.3E	IGURI	360516.6S	1465056.6E	IRPOM	140936.0S	1283612.0E
IDRET	262935.1S	1385128.3E	IGUVI	132702.4S	1331432.2E	IRSIL	310715.9S	1483856.5E
IDRIL	274152.3S	1533424.7E	IH2NA	324146.4S	1441129.3E	IRSOM	411012.0S	1462603.2E
IDRIM	234935.0S	1162243.7E	IH2NC	323757.3S	1441633.7E	IRTAV	181055.8S	1234725.2E
IDRUG	425217.0S	1474503.0E	IH2ND	324040.7S	1442232.5E	IRTED	272800.1S	1534415.3E
IDSAX	324448.4S	1515705.5E	IH2NF	324754.2S	1441756.5E	IRVAK	373048.9S	1434725.8E
IDSEB	320705.8S	1513740.4E	IH2NH	325551.7S	1441902.9E	IRVIT	315206.0S	1470548.0E
IDSOM	325937.6S	1513535.5E	IH2NI	324255.7S	1441715.1E	IRVUL	270714.0S	1531428.3E
IDSOR	424632.4S	1472548.3E	IH2SE	330438.6S	1442554.0E	ISAAK	222254.0S	1484030.0E
IDSUP	325610.7S	1500103.1E	IH2SF	325831.2S	1441925.1E	ISBEX	342218.4S	1505935.7E
IDUSO	290111.2S	1371842.3E	IH2SG	330828.0S	1442048.3E	ISDOR	260754.0S	1173223.4E
IE2NE	210604.2S	1492211.5E	IH2SH	325033.7S	1441818.6E	ISDUS	323919.2S	1514341.0E
IE2NF	211114.3S	1492452.6E	IH2SI	330329.6S	1442006.6E	ISGEL	312242.3S	1452007.1E
IE2NG	210502.0S	1492423.1E	IH2SJ	330544.5S	1441447.7E	ISGOX	223821.4S	1170214.2E
IE2NI	210802.1S	1492437.4E	IKABI	193422.9S	1393444.0E	ISKAN	165234.1S	1175814.6E
IE2NJ	210545.2S	1492643.0E	IKANO	375744.1S	1442849.3E	ISKIM	293056.7S	1513947.0E
IE2NM	211517.2S	1492511.9E	IKASA	200000.0S	1032909.6E	ISKOT	344049.8S	1381650.3E
IFFEY	315733.6S	1542130.7E	IKASO	132607.5S	1281140.5E	ISLAV	325137.7S	1322047.6E
IFLEA	174105.9S	1461321.8E	IKEBU	325226.6S	1514702.3E	ISLIP	221738.5S	1192612.4E
IFLEB	174638.0S	1461142.3E	IKEKO	283259.5S	1515747.8E	ISMER	334525.5S	1504950.2E
IFLEC	174701.9S	1460542.5E	IKELI	273220.6S	1524009.1E	ISMIR	413910.1S	1471811.7E
IFLEF	173849.6S	1460507.1E	IKEMI	332121.5S	1313000.0E	ISMOR	283010.7S	1311148.8E
IFLEH	172512.2S	1460310.5E	IKETU	423442.5S	1470936.4E	ISMUD	093746.5S	1262659.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
ISMUM	332940.3S	1514331.9E	JAVVI	020000.0S	0850000.0E	KA936	205234.3S	1163944.7E
ISMUN	181739.9S	1433256.6E	JAYBI	373827.7S	1443202.9E	KA940	205052.2S	1165600.5E
ISNER	174105.1S	1454809.8E	JAYDE	290428.1S	1531455.4E	KA958	204859.4S	1163602.4E
ISNOL	342312.4S	1485831.8E	JBYND	345525.8S	1503531.8E	KA971	204844.1S	1164729.1E
ISNUG	324119.4S	1461446.2E	JBYNE	345647.6S	1504218.4E	KA972	204958.5S	1163533.7E
ISPEG	374312.0S	1443612.0E	JBYNF	350446.0S	1503956.2E	KABEK	332318.6S	1392439.6E
ISPET	320100.0S	1154448.0E	JBYNI	350005.9S	1503744.0E	KABIX	301723.4S	1473217.5E
ISPID	141051.4S	1511040.3E	JBYNM	350830.2S	1504141.8E	KABLI	321050.0S	1165400.2E
ISPON	271143.6S	1532453.0E	JEDDA	270925.6S	1515710.3E	KABLO	340416.8S	1503603.6E
ISRAK	210445.5S	1163209.9E	JELLI	335337.8S	1512242.8E	KABRO	251907.8S	1192521.6E
ISRAN	114300.0S	1063306.0E	JEMMA	194910.6S	1471130.4E	KABTA	055430.0S	0790000.0E
ISRED	335306.0S	1313000.0E	JENTL	334839.9S	1510917.6E	KACEY	352637.2S	1465332.0E
ISREV	322822.4S	1504857.3E	JEZZA	272206.0S	1530628.0E	KADAP	020000.0S	0840936.0E
ISRIB	271920.8S	1531323.9E	JILGO	250000.0S	1191055.6E	KADBA	261242.2S	1325207.7E
ISROV	331853.7S	1385650.2E	JIRRA	234314.5S	1340836.0E	KADEM	174854.0S	0750000.0E
ISRUP	314138.6S	1161316.7E	JITRA	230805.6S	1501901.0E	KADLU	245321.1S	1145149.9E
ISTEM	243551.2S	1602300.1E	JL2ED	203914.4S	1415710.8E	KADMU	190550.6S	1433938.5E
ISTIG	425016.3S	1473923.2E	JL2EE	204442.8S	1415903.6E	KADOM	334238.9S	1501758.6E
ISVAN	271318.1S	1525601.6E	JL2EF	204145.9S	1414851.8E	KADON	425557.0S	1473845.0E
ISVUP	324628.7S	1513208.7E	JL2EG	204815.2S	1415413.6E	KADPA	333607.7S	1485716.5E
ITBAP	205926.9S	1132554.4E	JL2EH	203924.0S	1414042.6E	KADRU	381407.4S	1475207.5E
ITIDE	264406.5S	1532923.7E	JL2EI	204314.5S	1415357.7E	KADSI	310329.5S	1524724.5E
ITORT	191806.6S	1460736.1E	JL2EM	204017.3S	1414346.0E	KADUN	222100.4S	1215106.5E
ITSMA	174925.1S	1321605.7E	JL2WA	204056.4S	1412902.2E	KADUV	320135.6S	1451905.1E
ITTSA	123632.5S	1311158.7E	JL2WB	203527.3S	1412710.0E	KAGBU	190555.2S	1230633.5E
IV2SA	300509.9S	1511656.7E	JL2WC	203155.7S	1413159.5E	KAGDI	230352.2S	1151620.5E
IV2SB	300919.9S	1511223.4E	JL2WF	203825.4S	1413721.0E	KAGES	185738.8S	1470454.1E
IV2SC	300701.8S	1510619.6E	JL2WH	204047.5S	1414530.1E	KAGIT	333332.2S	1151831.2E
IV2SF	295930.4S	1511006.3E	JL2WI	203656.4S	1413215.4E	KAGMI	314457.2S	1145428.5E
IV2SH	295138.7S	1510817.0E	JL2WM	203954.3S	1414226.7E	KAGRI	412754.3S	1575000.5E
IV2SI	300425.1S	1511114.8E	JN2ND	304746.3S	1315742.5E	KAGRO	332745.0S	1373405.0E
IV2SM	295435.6S	1510857.9E	JN2NE	304213.0S	1315924.6E	KAKAG	164825.0S	1455017.0E
IVPEM	323136.0S	1280000.0E	JN2NF	304952.0S	1320654.0E	KAKAL	141806.0S	1340424.0E
IVPEN	232346.3S	1254149.7E	JN2NG	304141.7S	1320601.9E	KAKDO	290557.5S	1222710.9E
IVRAD	264930.9S	1450509.4E	JN2NH	305558.9S	1321254.3E	KAKLU	344635.7S	1392443.9E
IVRAX	360856.6S	1465947.4E	JN2NI	304602.5S	1320309.1E	KAKMA	290113.3S	1675402.7E
IVSES	324150.1S	1515435.7E	JN2SA	310019.7S	1322421.3E	KAKRO	192342.0S	1463406.0E
IVSUD	203226.6S	1490434.2E	JN2SB	310553.4S	1322240.2E	KAKTU	184514.0S	1384211.0E
IVTAG	330216.9S	1514528.2E	JN2SC	310625.4S	1321601.3E	KAKVI	281729.0S	1535343.8E
IVTET	310925.7S	1500357.4E	JN2SF	305815.2S	1321508.4E	KAKVU	333747.0S	1171445.8E
IW2NA	210444.7S	1491816.2E	JN2SH	305208.3S	1320907.8E	KALBA	185702.1S	1460143.9E
IW2NC	210342.5S	1492027.8E	JN2SI	310204.3S	1321854.2E	KALBI	085218.0S	0750000.0E
IW2ND	210425.8S	1492247.7E	JNORT	181019.1S	1222414.3E	KALBO	314840.3S	1151620.1E
IW2NF	210954.9S	1492057.2E	JOKER	312500.0S	1515148.0E	KALKA	353150.2S	1490905.0E
IW2NI	210642.7S	1492042.0E	JOLLY	230000.0S	1100000.0E	KALSA	232638.9S	1190842.7E
IW2NM	211745.8S	1492134.4E	JORDY	322332.9S	1544112.4E	KALTO	270358.1S	1533519.7E
JAAPI	281832.2S	1533553.4E	JOSBU	330812.6S	1164024.2E	KALUG	255400.0S	1364330.0E
JABEA	123547.6S	1330640.0E	JOSHU	134543.1S	1305622.4E	KALUV	232500.0S	1163500.0E
JABEB	124045.8S	1330937.8E	JOSSO	381554.0S	1470630.0E	KALVI	195022.7S	1451750.6E
JABEC	124511.9S	1330553.1E	JUGGL	205502.6S	1253928.2E	KAMBA	332941.2S	1512557.3E
JABEF	123956.8S	1325926.2E	JULES	150930.8S	1304633.5E	KAMBI	340805.6S	1352023.3E
JABEH	123917.3S	1325116.9E	JULIA	341457.0S	1511931.4E	KAMSO	123544.7S	1305927.1E
JABEI	124021.4S	1330432.0E	JULIE	114745.7S	1294213.2E	KAMUN	033018.0S	0805330.0E
JABWD	124307.0S	1324008.2E	JULIM	312458.6S	1161738.4E	KANBU	231048.0S	1492900.0E
JABWE	123808.5S	1323711.0E	JULUP	133312.8S	1301025.5E	KANGI	235831.1S	1453102.6E
JABWF	123858.3S	1324722.3E	JUNWA	263129.7S	1202125.6E	KANKO	262823.3S	1490433.2E
JABWG	123342.9S	1324055.9E	JUNWB	262712.3S	1201709.4E	KANLI	421920.8S	1472356.0E
JABWH	123424.2S	1325253.1E	JUNWC	262208.3S	1202010.1E	KANLU	244248.0S	1502312.0E
JABWI	123833.5S	1324216.6E	JUNWF	262600.8S	1202813.1E	KANRA	204756.7S	1152543.3E
JACKA	384612.0S	1451548.0E	JUNWH	262451.9S	1203843.5E	KANRO	425345.3S	1473712.3E
JACKI	120845.1S	1293425.9E	JUNWI	262636.7S	1202241.3E	KAPGA	225808.1S	1184849.0E
JADEL	373348.0S	1445706.0E	JUNWM	262524.6S	1203344.9E	KAPNI	185645.3S	1221958.3E
JAFFA	312230.0S	1514136.0E	JUSAN	124820.1S	0993756.5E	KAPSO	120000.0S	1464300.0E
JAKLN	340849.0S	1512224.1E	JUSTY	375602.0S	1443422.1E	KAPSU	282413.8S	1240935.5E
JAMBO	325135.6S	1240000.0E	KA902	204324.7S	1164024.2E	KARGO	320409.4S	1160604.2E
JAMMO	371639.3S	1504716.5E	KA904	204210.6S	1165212.8E	KASBA	273420.8S	1531046.5E
JANDO	320530.4S	1155515.1E	KA906	204152.6S	1165312.8E	KASBU	350929.4S	1384117.2E
JANGU	384554.0S	1484130.0E	KA910	204839.8S	1163838.0E	KASGU	263833.6S	1530732.0E
JARJA	325639.7S	1513023.7E	KA918	204732.6S	1164418.6E	KASLI	341236.7S	1415843.8E
JATAR	162639.4S	1252821.4E	KA922	204153.9S	1165158.5E	KASNA	164348.5S	1454056.2E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
KASNO	281911.0S	1533722.0E	KERRI	280910.6S	1533718.0E	KIIWF	395019.7S	1434619.4E
KASPA	254846.7S	1523209.6E	KETEN	250417.3S	1520128.0E	KIIWG	394315.4S	1434056.8E
KASPI	163606.0S	1454630.0E	KEVEK	374956.4S	1444415.5E	KIIWH	395339.1S	1435546.6E
KASRU	175704.7S	1221412.9E	KEVIE	271809.1S	1524618.3E	KIIWI	394814.7S	1434025.4E
KATCM	310917.7S	1172709.5E	KEVIG	370547.3S	1450301.6E	KIKAN	212152.2S	1340323.7E
KATIA	352948.3S	1491140.9E	KEVIN	340811.5S	1512216.8E	KIKEM	095254.0S	1260724.0E
KAYOK	274430.5S	1162601.0E	KEXAR	322817.3S	1512443.8E	KIKEX	372930.0S	1445648.3E
KBYED	325415.5S	1343210.1E	KEXIM	222448.9S	1295021.4E	KIKOV	350443.7S	1385550.8E
KBYEE	325959.2S	1343138.0E	KF2ED	221356.0S	1162156.1E	KILEL	230930.0S	1164624.0E
KBYEF	325336.4S	1342228.2E	KF2EF	221337.4S	1161355.8E	KILIK	111012.9S	1264812.1E
KBYEG	330131.1S	1342503.6E	KF2EG	222104.2S	1161421.3E	KIMMI	143849.7S	1443008.9E
KBYEH	324829.7S	1341509.4E	KF2EH	220750.7S	1160739.5E	KIPPA	200440.9S	1431341.7E
KBYEI	325647.9S	1342703.0E	KF2EI	221730.1S	1161808.8E	KITTY	122945.0S	1305133.3E
KBYEM	325024.8S	1341753.9E	KF2WA	220407.5S	1155626.5E	KKGND	171300.4S	1305127.3E
KBYWA	324604.4S	1340258.9E	KF2WB	215827.1S	1155729.3E	KKGNE	171251.5S	1305726.7E
KBYWB	324020.7S	1340332.7E	KF2WC	215725.6S	1160333.5E	KKGNF	172113.8S	1305140.4E
KBYWC	323849.9S	1341006.0E	KF2WF	220530.9S	1160508.0E	KKGNG	171813.0S	1305938.5E
KBYWF	324644.9S	1341239.8E	KF2WH	221116.8S	1161123.1E	KKGNH	172755.4S	1304703.0E
KBYWH	325151.8S	1341958.4E	KF2WI	220159.0S	1160118.5E	KKGNI	171702.7S	1305433.6E
KBYWI	324332.9S	1340806.1E	KG2EF	304930.6S	1213411.2E	KKGSA	173823.0S	1304543.1E
KBYWM	324956.8S	1341713.8E	KG2EH	304642.7S	1212528.9E	KKGSB	173831.6S	1303942.8E
KC2NA	352940.6S	1373140.5E	KG2EI	305115.5S	1213937.8E	KKGSC	173309.9S	1303731.4E
KC2NC	352818.6S	1373829.8E	KG2EJ	304726.7S	1214323.7E	KKGSF	173009.7S	1304530.2E
KC2ND	353304.9S	1374224.4E	KG2EK	305300.5S	1214504.4E	KKGSH	172328.1S	1305007.7E
KC2NF	353738.7S	1373403.6E	KG2EL	305616.2S	1213935.1E	KKGSI	173420.7S	1304236.6E
KC2NH	354506.7S	1373029.8E	KG2EM	304745.7S	1212844.7E	KL2EA	160823.2S	1235751.7E
KC2NI	353258.7S	1373616.8E	KG2ND	303428.9S	1212337.9E	KL2EB	161403.0S	1235856.8E
KC2SE	355425.1S	1373237.7E	KG2NE	303139.0S	1212924.8E	KL2EC	161658.3S	1235348.5E
KC2SF	354756.0S	1372908.2E	KG2NF	304137.6S	1212818.6E	KL2EF	160952.8S	1234929.6E
KC2SG	355715.6S	1372439.2E	KG2NG	303522.7S	1213428.1E	KL2EH	160604.0S	1234051.9E
KC2SH	353836.4S	1373336.6E	KG2NH	304936.6S	1212725.5E	KL2EI	161158.0S	1235413.2E
KC2SI	355235.8S	1372653.7E	KG2NI	303638.3S	1212851.7E	KL2WD	160638.0S	1233025.7E
KC2SJ	355046.3S	1372110.1E	KG2NM	304637.0S	1212745.4E	KL2WE	160057.9S	1232921.3E
KD2ED	223019.0S	1191716.2E	KG2SF	305247.4S	1212704.3E	KL2WF	160509.0S	1233847.7E
KD2EE	223700.1S	1191948.8E	KG2SH	304456.3S	1212529.9E	KL2WG	155803.2S	1233429.3E
KD2EF	223240.9S	1191004.0E	KG2SI	305746.7S	1212631.1E	KL2WH	160856.0S	1234721.1E
KD2EH	222846.8S	1190117.7E	KG2SM	304748.1S	1212737.5E	KL2WI	160303.5S	1233404.5E
KD2EI	223450.7S	1191456.6E	KG2SN	305955.9S	1213146.2E	KLAVA	341145.1S	1383026.3E
KD2WB	222322.2S	1184910.6E	KG2SO	310246.0S	1212557.8E	KM2ND	305314.6S	1525429.2E
KD2WC	222033.1S	1185434.1E	KG2SP	305902.0S	1212053.2E	KM2NE	305508.6S	1530046.9E
KD2WF	222742.9S	1185854.4E	KG2WA	304730.5S	1211220.7E	KM2NF	310059.7S	1525120.1E
KD2WH	223117.9S	1190657.4E	KG2WB	304156.6S	1211040.6E	KM2NG	310053.5S	1530052.1E
KD2WI	222532.7S	1185402.4E	KG2WC	303841.1S	1211609.4E	KM2NH	310956.5S	1525015.9E
KE2ND	353846.3S	1434610.3E	KG2WF	304527.0S	1212132.8E	KM2NI	305804.2S	1525603.7E
KE2NF	354126.4S	1435331.1E	KG2WH	304815.2S	1213014.8E	KM2NM	310355.0S	1524636.2E
KE2NG	353456.5S	1435404.3E	KG2WI	304341.8S	1211606.7E	KM2SA	311642.7S	1523909.6E
KE2NH	354818.3S	1435835.2E	KG2WM	304712.2S	1212659.0E	KM2SB	311546.5S	1523233.5E
KE2NI	353800.4S	1435059.3E	KG902	304931.7S	1213413.2E	KM2SC	310841.3S	1523228.4E
KE2NK	353434.4S	1434827.6E	KG904	304526.3S	1212130.8E	KM2SF	310919.8S	1523954.0E
KE2SA	355127.8S	1440619.1E	KG908	304733.1S	1211736.4E	KM2SH	310241.9S	1524834.6E
KE2SB	355539.8S	1440401.6E	KG912	305514.2S	1213123.4E	KM2SI	311211.7S	1523638.3E
KE2SC	355520.7S	1435823.4E	KG914	305008.0S	1211914.5E	KM2SM	310502.0S	1524447.5E
KE2SF	354847.9S	1435857.1E	KG916	305404.7S	1212944.4E	KN2EA	333233.2S	1175032.8E
KE2SH	354156.0S	1435353.0E	KG920	304802.9S	1212421.7E	KN2EB	333527.8S	1175627.9E
KE2SI	355213.9S	1440129.3E	KG934	305819.0S	1213136.4E	KN2EC	334106.9S	1175513.6E
KEATS	353236.3S	1485247.2E	KG938	305335.5S	1211656.0E	KN2EF	333937.6S	1174534.4E
KEBAB	331621.0S	1542933.6E	KIBAT	285805.3S	1551853.7E	KN2EH	334256.8S	1173650.8E
KEDDY	343433.5S	1492734.0E	KIBET	123929.0S	1325336.0E	KN2EI	333732.8S	1175101.3E
KEEFO	345800.9S	1381649.9E	KIBOP	175811.0S	1450649.9E	KN2EM	334142.2S	1174007.2E
KEELA	374430.0S	1444718.0E	KIDEX	275935.7S	1434853.8E	KNOBL	345546.8S	1383333.1E
KEEWI	164548.0S	1455600.0E	KIGAG	381605.2S	1471706.9E	KNOPL	283510.2S	1235716.9E
KEGAN	280109.9S	1533517.4E	KIGOS	124130.7S	1304357.8E	KNXEA	154838.2S	1285557.4E
KELAN	375703.0S	1472424.0E	KIIEA	395327.3S	1440956.0E	KNXEB	155422.3S	1285630.9E
KELLA	313255.1S	1173921.9E	KIIEB	395905.9S	1441118.3E	KNXEC	155650.4S	1285108.2E
KELLY	354149.5S	1485115.2E	KIIEC	400201.0S	1440452.6E	KNXEF	154924.4S	1284729.8E
KELPI	223410.2S	1513511.6E	KIIEF	395457.2S	1435928.1E	KNXEH	154323.4S	1283918.2E
KELTA	345942.8S	1381949.4E	KIIEH	395137.5S	1435001.0E	KNXEI	155153.4S	1285200.3E
KELVN	130924.0S	1363742.0E	KIIEI	395701.7S	1440523.0E	KNXWD	154442.1S	1282908.4E
KEPPA	364747.7S	1435833.0E	KIIWD	395148.2S	1433551.6E	KNXWE	153857.9S	1282835.7E
KERIN	161236.0S	1411742.0E	KIIWE	394609.4S	1433431.7E	KNXWF	154356.6S	1283735.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
KNXWG	153630.4S	1283358.2E	LAKIR	313318.6S	1165242.3E	LEAKY	271603.0S	1532022.0E
KNXWH	154755.3S	1284448.3E	LAKMO	294914.8S	1173818.2E	LEBAD	171252.9S	1454120.0E
KNXWI	154127.3S	1283305.7E	LAKOT	213024.1S	1453422.2E	LEBIT	264813.0S	1515627.0E
KOIKI	320753.7S	1161337.0E	LAKUP	130610.5S	1312239.9E	LEBOT	190431.0S	1465557.4E
KOOKA	154249.8S	1432534.1E	LALIB	320205.1S	1504951.7E	LECEA	303914.7S	1384125.7E
KOOLI	122411.4S	1310639.0E	LALIS	233245.5S	1503829.1E	LECEB	304459.6S	1384133.5E
KOORI	315133.8S	1160703.2E	LAMAP	140000.0S	1591000.0E	LECEC	304703.7S	1383520.7E
KOUPA	272002.0S	1531421.0E	LAMEK	180916.6S	1500235.5E	LECEF	303924.1S	1383155.9E
KQ2ED	291414.9S	1165559.5E	LAMIG	352109.4S	1491539.8E	LECEH	303242.0S	1382604.5E
KQ2EF	291527.2S	1164643.7E	LAMOB	120000.0S	1085300.0E	LECEI	304211.9S	1383644.6E
KQ2EG	292240.6S	1165111.2E	LAMSI	282628.0S	1541137.6E	LECEM	303636.3S	1382707.3E
KQ2EH	291151.4S	1163833.3E	LAMUG	263802.0S	1522256.0E	LECWD	302844.7S	1380945.7E
KQ2EI	291741.8S	1165150.5E	LANIK	291814.7S	1234637.6E	LECWE	302306.0S	1381101.5E
KQ2WA	291147.7S	1162628.6E	LANOL	333633.5S	1511159.5E	LECWF	303018.3S	1381904.0E
KQ2WB	290606.3S	1162532.4E	LANOP	271853.3S	1265356.3E	LECWG	302211.8S	1381734.4E
KQ2WC	290323.0S	1163118.4E	LANOS	371702.3S	1472227.1E	LECWH	303730.6S	1382707.2E
KQ2WF	291036.9S	1163544.3E	LANUN	380036.0S	1430648.0E	LECWI	302642.2S	1381502.7E
KQ2WH	291412.8S	1164354.5E	LANYO	353017.0S	1490112.3E	LECWM	303521.0S	1382442.1E
KQ2WI	290821.7S	1163038.3E	LAPAR	122808.2S	1310235.2E	LEDET	371901.4S	1470750.8E
KR2NA	262243.3S	1514227.9E	LAPES	193704.5S	1465722.4E	LEDIX	314625.0S	1493634.0E
KR2NC	261835.5S	1514654.6E	LAPIP	270003.0S	1555446.0E	LEDOG	190832.4S	1463903.2E
KR2ND	262056.3S	1515244.3E	LAPOG	204625.2S	1163733.1E	LEDON	275009.5S	1532643.8E
KR2NF	262826.4S	1514901.0E	LARAB	120403.6S	1291133.4E	LEDUS	205650.3S	1490156.0E
KR2NH	263619.0S	1515042.5E	LAREG	283133.0S	1514922.0E	LEEAM	235234.4S	1541502.4E
KR2NI	262330.9S	1514757.8E	LAREX	380901.1S	1473436.2E	LEECE	350315.1S	1495737.3E
KR2NM	263321.8S	1515004.4E	LAROO	311642.0S	1395242.0E	LEEFL	254543.0S	1530909.0E
KR2SE	264550.1S	1515806.1E	LAROS	292851.1S	1543941.7E	LEGAN	363124.7S	1630000.0E
KR2SF	264007.3S	1515131.6E	LASEL	193442.4S	1461347.5E	LEGUL	123439.9S	1305228.5E
KR2SG	264958.1S	1515338.7E	LASOL	372445.5S	1444722.1E	LEKAD	215520.9S	1303934.4E
KR2SH	263123.9S	1515406.3E	LASUD	320343.3S	1485234.1E	LEKEM	375418.8S	1471248.6E
KR2SI	264502.7S	1515235.1E	LATAP	330630.6S	1374656.8E	LELED	111636.0S	0750000.0E
KR2SJ	264737.3S	1514747.5E	LATEP	061018.0S	0750000.0E	LEMAT	350629.2S	1382817.3E
KRATT	245012.0S	1502000.0E	LATOG	231447.2S	1370255.6E	LEMER	230433.6S	1493732.2E
KROWS	364954.0S	1371542.0E	LATOX	132655.6S	1092316.0E	LEMIR	300331.8S	1210138.6E
KURRT	385418.0S	1502456.0E	LATTA	380736.0S	1450418.0E	LEMUD	184141.4S	1373416.4E
KVALM	192025.9S	1464316.3E	LATUL	345021.0S	1381505.0E	LEMUK	424107.5S	1474410.3E
KW2ND	233553.2S	1200424.5E	LATUM	421128.1S	1472202.1E	LEMUX	121225.2S	1304715.8E
KW2NE	233138.9S	1201034.8E	LATUT	322849.2S	1520004.6E	LENBA	181650.7S	1453836.3E
KW2NF	234134.6S	1200900.4E	LAVEG	264441.4S	1524541.0E	LENNY	320024.3S	1154747.5E
KW2NG	233720.2S	1201510.9E	LAVER	374911.8S	1444342.0E	LENRI	281515.2S	1591018.5E
KW2NH	234919.4S	1200746.5E	LAVEX	315326.7S	1165610.5E	LENVU	320600.6S	1174251.1E
KW2NI	233636.8S	1200947.6E	LAVIN	270753.9S	1531501.0E	LEONA	284001.8S	1212258.8E
KW2SA	235933.2S	1201120.0E	LAVOP	430102.3S	1473659.2E	LEONC	284012.1S	1212930.0E
KW2SB	240208.3S	1200544.2E	LAVUP	165611.4S	1455905.5E	LEOND	284539.6S	1213133.0E
KW2SC	235811.3S	1200110.9E	LAWNN	271724.0S	1525824.0E	LEONF	284814.3S	1212242.0E
KW2SF	235212.7S	1200719.0E	LAWRY	270040.0S	1502150.0E	LEONH	285439.9S	1211714.8E
KW2SH	234426.3S	1200833.1E	LAXOG	225734.4S	1501058.6E	LEONI	284413.3S	1212606.1E
KW2SI	235710.5S	1200631.6E	LAXOT	413900.0S	1464418.0E	LEONM	285215.3S	1211917.6E
KWMED	153113.6S	1415840.1E	LAXUM	321944.6S	1514129.0E	LEPTA	270412.0S	1451542.0E
KWMEE	153657.8S	1415911.9E	LAYUP	303941.1S	1474441.2E	LEREA	274814.3S	1205701.7E
KWMEF	153157.5S	1415013.0E	LBDED	163010.8S	1230334.9E	LEREB	275327.6S	1205944.6E
KWMEG	153924.5S	1415349.0E	LBDEE	163326.4S	1230446.3E	LEREC	275730.7S	1205509.0E
KWMEH	152740.8S	1414233.1E	LBDEF	163149.2S	1225845.4E	LEREF	275132.1S	1204744.3E
KWMEI	153427.7S	1415442.4E	LBDEG	163538.0S	1230200.2E	LEREH	275014.7S	1203945.5E
KWMWA	152701.5S	1413138.4E	LBDEH	163028.0S	1225344.6E	LEREI	275234.3S	1205411.4E
KWMWB	152117.2S	1413107.3E	LBDEI	163237.8S	1230145.8E	LERGU	193419.9S	1383445.7E
KWMWC	151851.0S	1413630.1E	LBDEM	163100.5S	1225544.9E	LERKI	222848.0S	1493500.0E
KWMWF	152618.2S	1414005.3E	LBDWA	163128.6S	1224636.4E	LERKO	375841.8S	1462537.7E
KWMWH	153018.8S	1414716.0E	LBDWB	162813.0S	1224525.3E	LERWD	275302.0S	1202727.5E
KWMWI	152347.7S	1413536.3E	LBDWC	162601.6S	1224811.5E	LERWE	274748.1S	1202446.2E
KYEMA	320841.7S	1163730.0E	LBDWF	162950.6S	1225126.0E	LERWF	274945.4S	1203644.8E
LABOR	282814.5S	1422836.1E	LBDWH	163111.8S	1225626.7E	LERWG	274345.9S	1202922.6E
LACEY	373304.9S	1453013.3E	LBDWI	162901.8S	1224825.6E	LERWH	275106.0S	1204502.4E
LADEP	304951.6S	1213515.2E	LBDWM	163039.3S	1225426.4E	LERWI	274842.5S	1203018.9E
LADUR	314400.0S	1601430.0E	LC2SD	344920.6S	1355400.1E	LESKO	265252.0S	1533544.0E
LAGEV	273829.2S	1531905.7E	LC2SE	345109.2S	1354723.4E	LESON	350312.0S	1313000.0E
LAGOB	274541.1S	1532003.6E	LC2SF	344133.4S	1355051.9E	LEVKA	310906.7S	1153038.3E
LAGUG	372912.3S	1445814.3E	LC2SG	344638.7S	1354304.2E	LEVPU	261726.0S	1514900.6E
LAKAV	284326.7S	1175749.4E	LC2SH	343352.6S	1355338.2E	LEVRI	132610.4S	1300047.0E
LAKEP	373342.0S	1444912.0E	LC2SI	344621.3S	1354907.8E	LEYOX	341518.1S	1440517.8E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
LH2ED	313256.8S	1591934.1E	LOGOL	211025.4S	1164404.9E	LTVWB	382342.6S	1461408.8E
LH2EE	313835.7S	1592048.9E	LOKYA	325341.1S	1503404.1E	LTVWC	381803.1S	1461254.3E
LH2EF	313428.0S	1591008.7E	LOLLS	361404.3S	1410000.0E	LTVWF	381639.1S	1462309.6E
LH2EG	314131.6S	1591502.0E	LONLY	351112.0S	1350000.0E	LTVWH	381100.2S	1463021.5E
LH2EH	313044.9S	1590033.0E	LOSKU	302932.8S	1522133.1E	LTVWI	382010.8S	1461839.3E
LH2EI	313631.9S	1591528.7E	LOSPI	310817.7S	1480606.1E	LU2NA	272343.3S	1203209.8E
LH2WA	313749.7S	1584638.3E	LOTGI	343900.0S	1280000.0E	LU2NC	272101.8S	1203751.4E
LH2WB	312919.8S	1584555.2E	LOTMA	280757.0S	1534459.0E	LU2ND	272453.0S	1204238.5E
LH2WC	312224.8S	1585000.5E	LOTVA	170430.0S	1460524.0E	LU2NF	273058.9S	1203628.3E
LH2WF	313058.2S	1585728.0E	LOTVI	194859.1S	1212053.0E	LU2NH	273136.7S	1203028.7E
LH2WH	313129.7S	1590643.9E	LOVMA	044909.7S	0755322.8E	LU2NI	272600.3S	1203709.9E
LH2WI	313009.0S	1585141.8E	LOVRI	284622.8S	1533839.2E	LU2NM	273557.4S	1203546.7E
LH2WM	313147.5S	1590314.2E	LOWDI	333124.0S	1493648.0E	LU2SE	274932.0S	1203913.1E
LIBMU	323622.8S	1515819.7E	LOWEP	330407.6S	1511346.6E	LU2SF	274216.6S	1203453.7E
LIBNI	322136.0S	1381106.0E	LR2EA	292644.2S	1481330.6E	LU2SG	275213.6S	1203330.1E
LIBTU	200500.9S	1261252.2E	LR2EB	293216.3S	1481517.9E	LU2SH	273854.0S	1202502.8E
LIDBU	244524.5S	1443301.5E	LR2EC	293537.9S	1480957.6E	LU2SI	274715.1S	1203411.0E
LIDGI	320229.9S	1152858.1E	LR2EF	292857.8S	1480428.5E	LU2SJ	274822.1S	1202842.2E
LIDIT	091800.0S	1422000.0E	LR2EH	292618.4S	1475549.6E	LUCRE	341318.0S	1250000.0E
LIDLI	334614.0S	1493557.7E	LR2EI	293037.2S	1480953.1E	LUDPU	123045.7S	1311027.0E
LIDPO	275208.0S	1525243.0E	LR2WD	291841.3S	1474719.8E	LUDVO	315052.5S	1155105.3E
LIDVU	380814.6S	1472805.1E	LR2WE	292201.9S	1474159.3E	LUGDO	272941.7S	1514308.1E
LIGNU	345836.0S	1494046.5E	LR2WF	292522.2S	1475247.2E	LUGSA	220801.5S	1301829.6E
LIKTO	265153.6S	1502338.5E	LR2WG	292734.4S	1474344.7E	LUKEY	273500.9S	1513936.7E
LILEE	273655.6S	1530641.8E	LR2WH	292801.8S	1480126.0E	LUKPU	224622.8S	1473729.8E
LILMI	374228.7S	1443653.5E	LR2WI	292342.1S	1474723.1E	LULDI	175409.0S	1221236.6E
LIMLI	314940.8S	1370430.3E	LRZND	231403.2S	1442247.4E	LULMI	140000.0S	1420900.0E
LIMLO	331249.6S	1515146.3E	LRZNE	231512.2S	1442853.6E	LULTO	362556.9S	1425205.2E
LINBO	191506.0S	1472718.0E	LRZNF	232206.4S	1442100.6E	LUMDA	205442.3S	1152551.5E
LINSU	203528.7S	1474706.4E	LRZNG	232053.7S	1442948.8E	LUMDI	272135.0S	1531819.0E
LIPLU	312527.0S	1380714.1E	LRZNH	232819.1S	1441354.4E	LUMVA	205840.2S	1490851.0E
LIRRI	271938.8S	1200059.8E	LRZNI	231839.3S	1442457.1E	LUSTU	372308.7S	1451418.2E
LISZT	233958.3S	1333834.7E	LRZNM	232533.5S	1441703.9E	LUTKO	270117.6S	1525929.2E
LITEL	183430.0S	1380030.0E	LRZSA	233235.1S	1440300.1E	LUTSI	272617.4S	1530431.0E
LIZZI	372702.2S	1453816.8E	LRZSB	232704.2S	1440446.9E	LUTUK	384014.3S	1465954.9E
LL2ND	271045.3S	1415418.6E	LRZSF	232943.8S	1441217.5E	LUTVU	362517.5S	1461816.3E
LL2NE	271113.0S	1420043.0E	LRZSH	232331.1S	1441923.8E	LUVAS	371821.5S	1455451.1E
LL2NF	271856.7S	1415334.0E	LRZSI	233059.9S	1440809.8E	LUVAV	243630.5S	1322949.5E
LL2NG	271645.9S	1420225.7E	LRZSM	232616.8S	1441614.4E	LUVKA	373039.9S	1445737.9E
LL2NH	272617.1S	1415336.1E	LSYND	283931.6S	1530446.3E	LUVLY	280845.1S	1532939.1E
LL2NI	271504.9S	1415708.6E	LSYNE	283439.4S	1530814.3E	LUVNA	271043.8S	1530853.1E
LL2NM	272248.4S	1414959.1E	LSYNF	284353.7S	1531239.5E	LUVOK	343053.2S	1364653.4E
LL2SA	273720.7S	1414320.2E	LSYNG	283551.8S	1531436.6E	LUXAV	263857.3S	1531804.5E
LL2SB	273652.5S	1413653.8E	LSYNH	285027.5S	1530858.6E	LUXUP	332554.0S	1491220.0E
LL2SC	273119.9S	1413511.8E	LSYNI	283916.5S	1531026.9E	LYNDN	233000.0S	1151057.5E
LL2SF	272909.6S	1414405.0E	LSYSF	285452.9S	1531755.5E	LYNSO	244854.9S	1150000.0E
LL2SH	272750.7S	1415215.6E	LSYSH	285406.4S	1531000.0E	LYSMO	331007.8S	1454526.6E
LL2SI	273301.1S	1414029.6E	LSYSI	285929.9S	1532008.5E	MA2ND	202849.0S	1392136.7E
LL2SM	272518.0S	1414740.3E	LSYSJ	285914.7S	1532550.2E	MA2NE	202435.4S	1392545.5E
LLAMA	311736.0S	1475006.0E	LSYSK	290407.0S	1532221.7E	MA2NF	203423.9S	1392801.2E
LM2WA	330747.2S	1513021.6E	LSYSL	290254.6S	1531557.8E	MA2NG	202648.9S	1393123.5E
LM2WB	330515.5S	1512734.4E	LTNEA	282804.4S	1223712.0E	MA2NH	204214.7S	1392950.0E
LM2WC	330211.5S	1512926.7E	LTNEB	283120.3S	1224233.5E	MA2NI	202929.7S	1392653.3E
LM2WF	330426.2S	1513438.9E	LTNEC	283654.3S	1224055.2E	MA2SA	205152.8S	1393711.9E
LM2WH	330638.8S	1514011.6E	LTNEF	283449.9S	1223154.9E	MA2SB	205606.6S	1393302.6E
LM2WI	330450.9S	1513106.7E	LTNEH	283737.0S	1222323.5E	MA2SC	205353.2S	1392723.6E
LM2WM	330359.0S	1513832.3E	LTNEI	283305.3S	1223714.3E	MA2SF	204618.2S	1393046.3E
LM400	324415.7S	1514551.1E	LTNWD	284529.5S	1221438.0E	MA2SH	203743.0S	1392847.2E
LM410	324522.8S	1514646.7E	LTNWE	284213.0S	1220916.3E	MA2SI	205112.4S	1393154.5E
LM500	325238.4S	1515333.4E	LTNWF	283844.5S	1221956.1E	MA518	204533.8S	1393036.0E
LM510	324935.6S	1515239.6E	LTNWG	283639.3S	1221055.8E	MA522	204835.2S	1393552.7E
LM600	324715.4S	1515909.2E	LTNWH	283536.8S	1222931.6E	MA526	203756.9S	1392850.4E
LM610	324925.7S	1515939.9E	LTNWI	284028.8S	1221436.3E	MA530	203644.5S	1392852.6E
LM620	325053.3S	1515428.3E	LTVED	375721.5S	1463553.6E	MA534	203424.7S	1392933.9E
LM900	324319.3S	1514850.6E	LTVEE	375846.2S	1464553.4E	MA538	203349.8S	1393539.8E
LM910	325138.5S	1515036.3E	LTVEF	380757.4S	1463413.8E	MA542	204610.2S	1394222.3E
LM920	324849.4S	1515632.5E	LTVEG	380641.3S	1464738.7E	MA546	205003.8S	1394608.7E
LOAFA	250204.7S	1520638.6E	LTVEH	381418.8S	1462608.5E	MA558	204728.5S	1393102.6E
LOCKA	160124.8S	1453628.6E	LTVEI	380343.0S	1463936.9E	MA562	204835.3S	1392132.9E
LOFFA	274900.0S	1501118.0E	LTVWA	382501.1S	1462017.2E	MA566	203245.0S	1392058.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
MA570	202949.7S	1392933.5E	MB2SI	254128.6S	1524409.1E	MENNH	374517.0S	1445625.3E
MA574	203231.5S	1393007.2E	MC2NA	372259.1S	1494023.7E	MENNI	373257.1S	1445333.3E
MABAM	123037.8S	1310708.4E	MC2NC	372038.4S	1494657.6E	MENOB	121852.8S	1310223.7E
MACLA	301021.4S	1430725.2E	MC2ND	372445.7S	1495158.5E	MENOG	380804.7S	1443828.2E
MADLU	222400.0S	1412536.0E	MC2NF	373028.4S	1494435.6E	MENZI	353148.6S	1491139.9E
MAGGS	405203.1S	1463402.9E	MC2NH	373305.2S	1494952.7E	MEPAB	212249.7S	1630000.0E
MAGPI	250852.4S	1515315.7E	MC2NI	372533.4S	1494546.7E	MEPAS	195453.3S	1380700.9E
MAGRA	222535.5S	1492227.8E	MC2NM	373523.3S	1494324.4E	MEPEM	262554.3S	1554357.1E
MAIDS	280831.4S	1533336.9E	MC2SE	374851.9S	1494610.6E	MEPIL	332409.8S	1511241.1E
MAITE	373850.1S	1451542.7E	MC2SF	374122.9S	1494157.3E	MEPUX	200805.5S	1180311.4E
MAJAR	334938.4S	1511723.0E	MC2SG	375112.7S	1493934.0E	MERIB	300400.0S	1124506.0E
MAJOR	351314.3S	1485559.5E	MC2SH	373725.4S	1494921.8E	MERME	211744.5S	1121520.4E
MAKIV	353307.3S	1445706.5E	MC2SI	374617.8S	1494045.8E	MESAM	321147.8S	1160839.2E
MAKKA	342551.1S	1492005.5E	MC2SJ	374705.2S	1493432.1E	MESED	271837.2S	1515127.7E
MAKNI	101851.9S	1253331.3E	MC2SM	373627.9S	1494308.8E	MESEE	380307.6S	1472507.3E
MAKON	120110.0S	1353415.0E	MCLOY	205531.8S	1164008.8E	MESEF	380644.4S	1471548.2E
MAKOR	330644.0S	1510821.5E	MD2EA	322037.7S	1494354.9E	MESEG	380816.9S	1472819.5E
MAKRL	382952.2S	1482528.0E	MD2EB	322126.0S	1495037.2E	MESEH	380539.6S	1470702.4E
MAKRU	273144.0S	1532950.0E	MD2EC	322703.3S	1495201.6E	MESEI	380730.6S	1472203.8E
MALAN	175645.5S	1221300.8E	MD2EF	322845.3S	1494233.2E	MESEJ	381225.3S	1472317.1E
MALBI	142959.2S	1082703.8E	MD2EH	323020.1S	1492931.3E	MESER	334404.8S	1372715.3E
MALIK	344730.0S	1383613.5E	MD2EI	322505.7S	1494635.4E	MESIM	315630.0S	1510948.0E
MALNU	314652.7S	1250000.0E	MD2EM	323308.6S	1493742.2E	MESNA	375442.7S	1471824.0E
MALUP	322150.0S	1173922.2E	MD2WD	324111.0S	1492104.2E	MESNC	375634.0S	1472515.7E
MAMAG	200729.5S	1484555.8E	MD2WE	323658.1S	1491627.0E	MESND	380218.4S	1472524.7E
MAMUB	231639.1S	1183454.4E	MD2WF	323536.1S	1492810.7E	MESNF	380228.4S	1471502.9E
MAMUT	162546.0S	1262553.3E	MD2WG	323151.3S	1491933.1E	MESNH	380711.8S	1470652.0E
MANDA	351734.7S	1483506.4E	MD2WH	322747.0S	1493544.3E	MESNI	375931.2S	1472009.4E
MANFA	340234.1S	1512045.7E	MD2WI	323617.1S	1492218.9E	MESWF	380455.1S	1470106.3E
MANIG	305116.1S	1170955.9E	MD2WM	323447.0S	1493512.8E	MESWH	380609.8S	1471106.9E
MANLI	272748.0S	1531155.0E	ME2ED	303921.0S	1203141.6E	MESWI	380407.9S	1465451.0E
MANSA	240918.0S	1432812.0E	ME2EE	304323.0S	1203625.9E	MESWO	380831.6S	1465149.0E
MAPTU	152003.5S	1162153.1E	ME2EF	304511.9S	1202501.2E	MESWP	380320.4S	1464836.0E
MARGO	342450.0S	1380219.2E	ME2EG	304836.8S	1203340.0E	MESWQ	375913.0S	1465339.1E
MARIT	260050.3S	1282734.7E	ME2EH	304638.9S	1201553.3E	METAB	150128.0S	1112305.1E
MARKY	332525.2S	1504809.6E	ME2EI	304417.5S	1203043.6E	METAN	092707.4S	1264047.3E
MARLN	340205.0S	1520402.1E	ME2WA	305302.3S	1200545.3E	METUK	262022.0S	1530311.0E
MARSH	374218.0S	1441436.0E	ME2WB	304900.1S	1200100.7E	METUM	140813.3S	1150831.8E
MARTO	331913.0S	1514429.6E	ME2WC	304346.5S	1200347.2E	METUV	341340.0S	1481443.9E
MARUB	335554.0S	1512854.0E	ME2WF	304711.7S	1201226.0E	MEVAD	322225.2S	1162717.5E
MASER	194433.4S	1324618.3E	ME2WH	304544.8S	1202133.9E	MEVUM	205101.5S	1152445.0E
MASIM	181233.1S	1221545.8E	ME2WI	304805.9S	1200643.4E	MEYJI	252034.7S	1455336.8E
MASMI	294020.3S	1514141.9E	MEBAH	301324.0S	1353300.0E	MGDND	115519.9S	1340330.3E
MASRA	121337.4S	1321513.3E	MEBKA	164000.0S	1091200.0E	MGDNE	115003.3S	1340551.3E
MATAR	220618.5S	1461849.5E	MEECE	333736.0S	1393806.0E	MGDNF	115838.1S	1341109.7E
MATBO	273437.1S	1525638.0E	MEEGA	334358.1S	1493310.1E	MGDNG	115025.3S	1341141.6E
MATJI	320331.1S	1161432.0E	MEETA	280709.9S	1533231.8E	MGDNH	120530.0S	1341524.7E
MATKU	374000.6S	1445537.6E	MEGOL	213212.0S	1414824.0E	MGDNI	115420.7S	1340830.5E
MATLA	324517.6S	1513154.7E	MEGUB	273513.7S	1532015.4E	MGDNM	120255.5S	1341349.0E
MATMA	241954.0S	1351236.0E	MEKAD	132350.2S	1524201.8E	MGDSA	121141.0S	1342451.9E
MATTI	264527.2S	1530840.6E	MEKOD	323036.0S	1505800.0E	MGDSB	121657.8S	1342231.1E
MATVI	271500.6S	1511207.6E	MEKOG	123200.0S	1400000.0E	MGDSC	121636.0S	1341640.2E
MAVGA	272446.1S	1532603.4E	MEKON	350702.8S	1485648.4E	MGDSF	120823.2S	1341712.0E
MAVPI	273131.5S	1531335.1E	MEKUG	274839.4S	1532548.0E	MGDSH	120131.3S	1341256.9E
MAVTO	360450.0S	1401502.5E	MELAN	180951.5S	1223734.7E	MGDSI	121240.6S	1341951.5E
MAXAL	372653.6S	1452501.7E	MEMEG	374834.5S	1443842.8E	MGDSM	120405.8S	1341432.6E
MAXEM	343805.9S	1423320.6E	MEMIG	142218.1S	1452020.5E	MH2NA	161359.6S	1452220.4E
MAXXI	123026.5S	1261327.1E	MEMON	205457.9S	1181228.7E	MH2NC	161332.2S	1452745.1E
MAYSO	274129.0S	1525737.0E	MEMOS	145903.0S	1440032.2E	MH2ND	161905.0S	1453107.1E
MB2ND	252305.3S	1523746.8E	MEMOV	301151.1S	1405758.8E	MH2NF	162102.2S	1452446.5E
MB2NE	252007.0S	1524128.9E	MEMUP	334511.6S	1205230.2E	MH2NH	162639.9S	1452543.5E
MB2NF	252723.6S	1524223.4E	MENEA	373747.9S	1450902.1E	MH2NI	161717.2S	1452615.8E
MB2NG	252215.6S	1524549.3E	MENEC	374809.2S	1450905.0E	MH2NM	162447.2S	1452317.0E
MB2NH	253322.4S	1524308.2E	MENEF	374340.4S	1450110.7E	MHUEA	161752.6S	1361449.9E
MB2NI	252400.2S	1524158.0E	MENEH	374818.7S	1445946.0E	MHUEB	162107.3S	1361945.6E
MB2SA	254238.9S	1524932.1E	MENEN	263452.0S	1515029.0E	MHUEC	162642.2S	1361817.2E
MB2SB	254627.6S	1524446.6E	MENIG	264433.5S	1391754.1E	MHUEF	162440.3S	1361001.8E
MB2SC	254342.8S	1523911.6E	MENNE	373103.6S	1445922.5E	MHUEH	162730.7S	1360214.6E
MB2SF	253629.5S	1524331.6E	MENNF	373757.2S	1445347.6E	MHUEI	162253.8S	1361453.7E
MB2SH	252830.9S	1524231.8E	MENNG	372756.9S	1445319.0E	MHUWD	163529.5S	1355410.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
MHUWE	163214.7S	1354914.6E	MITTS	243859.7S	1374019.1E	MMZWH	224906.4S	1484454.4E
MHUWF	162841.9S	1355858.9E	MJ2EA	341642.5S	1162431.7E	MMZWI	224347.7S	1483203.5E
MHUWG	162639.9S	1355043.3E	MJ2EB	342220.7S	1162552.4E	MMZWM	224753.0S	1484156.4E
MHUWH	162551.7S	1360646.1E	MJ2EC	342519.1S	1161956.6E	MN2WA	324915.3S	1512111.2E
MHUWI	163028.3S	1355406.8E	MJ2EF	341800.6S	1161403.3E	MN2WB	324338.0S	1511859.3E
MIAEA	341135.2S	1422053.7E	MJ2EH	341502.5S	1160600.3E	MN2WF	324451.5S	1512348.5E
MIAEB	341651.5S	1422338.7E	MJ2EI	342019.3S	1162020.9E	MN2WH	324548.4S	1512708.4E
MIAEC	342048.4S	1421836.9E	MJ2EM	341615.8S	1160918.8E	MN2WI	324616.8S	1512040.4E
MIAEF	341450.7S	1421149.6E	MJ2WD	341519.8S	1155250.5E	MN2WM	324257.6S	1512759.0E
MIAEH	341314.0S	1420222.5E	MJ2WE	340941.4S	1155131.4E	MNGEA	364206.5S	1452007.5E
MIAEI	341551.1S	1421744.1E	MJ2WF	341345.6S	1160232.3E	MNGEB	364358.9S	1452652.2E
MIANF	340817.5S	1420556.4E	MJ2WG	340643.7S	1155726.6E	MNGEC	364943.4S	1452659.7E
MIANH	341616.6S	1420505.4E	MJ2WH	341725.3S	1161227.6E	MNGEF	364951.9S	1451647.8E
MIANI	340318.2S	1420628.3E	MJ2WI	341143.5S	1155701.7E	MNGEH	370039.6S	1450947.6E
MIANN	340110.7S	1420101.4E	MJ2WM	341547.8S	1160802.9E	MNGEI	364655.4S	1452150.1E
MIANO	335818.8S	1420700.1E	ML420	373556.1S	1444928.1E	MNGEM	365248.4S	1451145.3E
MIANP	340200.5S	1421217.1E	ML430	374706.5S	1445137.3E	MNGNF	364801.4S	1451223.0E
MIASD	342632.0S	1420941.8E	MLTND	412455.2S	1465834.3E	MNGNH	365640.7S	1450931.5E
MIASE	342924.2S	1420341.0E	MLTNE	411936.4S	1470127.0E	MNGNI	364304.7S	1451322.0E
MIASF	341925.3S	1420445.2E	MLTNF	412800.9S	1470839.1E	MNGNJ	364038.6S	1450756.1E
MIASG	342542.0S	1415822.6E	MLTNG	411808.4S	1471042.1E	MNGNK	363808.1S	1451420.9E
MIASH	341126.3S	1420536.3E	MLTNI	412348.2S	1470503.9E	MNGNL	364207.7S	1451928.3E
MIASI	342424.7S	1420413.1E	MLTSA	414202.1S	1472937.4E	MNGNM	365258.0S	1451124.0E
MIAWF	341231.1S	1415812.5E	MLTSB	414734.5S	1472526.2E	MNGSD	370901.8S	1451408.9E
MIAWH	341408.1S	1420739.4E	MLTSC	414721.4S	1471746.4E	MNGSE	370834.6S	1450817.2E
MIAWI	341130.1S	1415218.3E	MLTSF	413910.1S	1471811.8E	MNGSF	370139.3S	1450940.1E
MIAWJ	341545.9S	1414908.5E	MLTSH	413035.9S	1471051.5E	MNGSG	370732.7S	1450232.6E
MIAWK	341028.8S	1414624.3E	MLTSI	414322.3S	1472148.8E	MNGSH	364947.5S	1451201.9E
MIAWL	340632.8S	1415125.7E	MMBNF	375248.6S	1450528.8E	MNGSI	370636.0S	1450840.9E
MIBAL	422530.4S	1472247.7E	MMBNG	374625.8S	1445859.0E	MNGSM	365344.8S	1451114.7E
MIBEK	213020.6S	1490138.5E	MMBNH	380048.0S	1450610.6E	MOCUR	321306.5S	1160716.3E
MIBUP	280430.0S	1413218.0E	MMBNI	374749.0S	1450502.7E	MOLGA	340218.0S	1200054.0E
MICHM	375042.0S	1451130.0E	MMBNM	375748.3S	1450554.9E	MOMAN	120946.8S	1305357.6E
MICKS	281501.0S	1533848.0E	MMBSA	381118.7S	1450107.5E	MOMBI	352755.1S	1491140.0E
MIDAT	402158.0S	1630000.0E	MMBSB	381416.4S	1450721.6E	MOMGI	264535.8S	1530244.3E
MIDDY	265520.7S	1150000.0E	MMBSC	381039.7S	1451300.9E	MOMSY	373242.0S	1503242.0E
MIDIM	275230.1S	1211610.9E	MMBSF	380417.2S	1450629.0E	MONDO	325636.2S	1511411.1E
MIDLA	315153.9S	1155913.1E	MMBSH	380153.4S	1451248.3E	MONIC	170044.6S	1320331.7E
MIGAX	160143.5S	1342644.9E	MMBSI	380916.8S	1450655.3E	MONTY	374330.9S	1450642.7E
MIGIP	123131.1S	1304720.7E	MMISA	285516.3S	1214934.2E	MOOLO	264932.3S	1532145.3E
MIKEG	383544.8S	1573204.7E	MMISB	285514.9S	1214301.7E	MOOVI	275448.7S	1531741.7E
MIKER	175627.8S	1221153.8E	MMISC	284950.4S	1214049.4E	MOPET	232254.8S	1185157.8E
MIKIS	414624.0S	1462742.0E	MMISF	284639.1S	1214955.8E	MOPRI	344956.3S	1384155.9E
MILAK	145350.0S	1413639.0E	MMISH	283926.6S	1215542.0E	MORBI	264708.0S	1524614.0E
MILAL	230529.4S	1194424.7E	MMISI	285109.4S	1214619.1E	MORGO	421018.0S	1470439.9E
MILEM	132938.4S	1280204.4E	MMISM	284258.0S	1215252.9E	MORID	260124.9S	1144908.7E
MILIV	163306.3S	1335404.7E	MMLEF	374000.6S	1445537.6E	MORPH	350612.2S	1383249.9E
MILLA	381256.1S	1455337.2E	MMLEH	373930.9S	1444707.1E	MORTN	271739.3S	1531048.9E
MILTY	242636.0S	1510224.0E	MMLEM	373944.1S	1445053.1E	MOSDA	350731.6S	1493320.0E
MILUS	185217.6S	1163004.8E	MMLNF	373342.8S	1444904.4E	MOSDU	191916.8S	1463130.6E
MIMIB	274515.3S	1461218.8E	MMLNH	374209.7S	1445039.0E	MOSLA	340700.0S	1280000.0E
MIMIM	403719.7S	1474340.1E	MMLSH	373810.6S	1444954.3E	MOSSI	262620.0S	1533758.0E
MIMNF	364954.2S	1495752.8E	MMLSM	374108.8S	1445027.6E	MOTRA	412007.4S	1481654.1E
MIMNH	365644.4S	1495921.8E	MMLWD	374301.5S	1443834.2E	MOTRU	135733.4S	1304639.3E
MIMNI	364544.9S	1500121.3E	MMLWF	373919.8S	1444358.3E	MOTSA	314116.4S	1153737.9E
MIMNK	364053.5S	1495657.8E	MMLWG	373502.3S	1443919.6E	MOVBA	233330.0S	1451752.8E
MIMNL	364045.7S	1500531.1E	MMLWH	373950.7S	1445245.8E	MOZZA	380454.0S	1460554.0E
MIMNN	364711.4S	1500836.3E	MMLWI	373901.9S	1443857.0E	MPZSD	380729.3S	1445225.4E
MIMSF	370034.9S	1494854.5E	MMLWM	373937.6S	1444859.8E	MPZSE	381109.4S	1444649.8E
MIMSH	370346.2S	1495916.4E	MMZEA	225111.1S	1485652.2E	MPZSF	380110.7S	1444547.7E
MIMSI	370443.7S	1494524.6E	MMZEB	225656.4S	1485659.3E	MPZSG	380815.3S	1444033.2E
MIMSO	370849.9S	1494904.8E	MMZEC	225900.5S	1485111.4E	MPZSH	375937.7S	1444953.6E
MIMSP	370852.5S	1494154.4E	MMZEF	225120.2S	1484800.2E	MPZSI	380610.1S	1444618.7E
MIMSQ	370330.5S	1493921.1E	MMZEH	224651.0S	1484049.5E	MR2ND	290414.4S	1154934.5E
MIMUD	282129.7S	1540142.4E	MMZEI	225408.4S	1485229.7E	MR2NE	285858.6S	1155212.5E
MINUR	303716.4S	1364301.1E	MMZEM	224832.0S	1484330.9E	MR2NF	290732.7S	1155808.0E
MIPAM	261800.0S	1441142.0E	MMZWD	224723.9S	1482817.7E	MR2NG	285920.9S	1155844.1E
MISCH	374550.3S	1444038.6E	MMZWE	224144.8S	1482707.3E	MR2NH	291515.3S	1160328.3E
MISLY	304941.4S	1555331.5E	MMZWF	224550.4S	1483659.9E	MR2NI	290315.6S	1155510.2E
MITSA	340154.9S	1504700.7E	MMZWG	223847.4S	1483226.6E	MR2SA	292050.7S	1161332.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
MR2SB	292605.9S	1161051.9E	MUTMI	040800.0S	0925842.0E	NARND	343405.4S	1461639.5E
MR2SC	292541.7S	1160418.7E	MV2EA	255833.1S	1275504.2E	NARNE	342839.0S	1461854.7E
MR2SF	291730.2S	1160458.5E	MV2EB	260317.5S	1275840.8E	NARNF	343644.8S	1462602.5E
MR2SH	291037.4S	1160016.6E	MV2EC	260758.7S	1275458.8E	NARNG	342832.4S	1462550.6E
MR2SI	292148.1S	1160755.1E	MV2EF	260312.3S	1274734.6E	NARNH	344313.1S	1463145.6E
MR2SM	291312.2S	1160202.2E	MV2EH	260307.6S	1273844.5E	NARNI	343242.0S	1462228.4E
MRDAK	150836.0S	1382042.0E	MV2EI	260315.0S	1275307.7E	NARNM	344047.5S	1462936.8E
MS2ND	263704.0S	1501702.1E	MV2WD	260744.0S	1272753.4E	NARSA	344912.7S	1464408.7E
MS2NE	263833.7S	1502312.6E	MV2WE	260258.8S	1272417.7E	NARSB	345438.8S	1464154.2E
MS2NF	264459.5S	1501439.6E	MV2WF	260305.7S	1273523.9E	NARSC	345446.0S	1463455.5E
MS2NG	264417.8S	1502345.8E	MV2WG	255818.5S	1272800.3E	NARSF	344634.0S	1463443.5E
MS2NH	264924.7S	1500846.2E	MV2WH	260310.6S	1274408.7E	NARSH	344005.8S	1462900.0E
MS2NI	264146.9S	1501855.9E	MV2WI	260302.4S	1272950.8E	NARSI	345036.5S	1463818.7E
MS2SA	265943.2S	1500312.0E	MW2NA	320053.0S	1501712.1E	NARSM	344231.4S	1463108.7E
MS2SB	265812.9S	1495659.9E	MW2NC	315834.6S	1502012.6E	NASHO	341142.7S	1510625.7E
MS2SC	265229.2S	1495627.6E	MW2ND	320111.6S	1502408.5E	NASTI	222507.0S	1254255.0E
MS2SF	265148.0S	1500534.8E	MW2NF	320432.7S	1502104.1E	NASUX	122128.8S	1304245.9E
MS2SH	264722.6S	1501129.1E	MW2NH	320931.0S	1502147.2E	NATYA	345808.2S	1431357.5E
MS2SI	265500.3S	1500117.8E	MW2NI	320133.6S	1502038.3E	NBRSA	303224.8S	1495135.5E
MT2EA	271753.2S	1204753.8E	MW2NM	320731.7S	1502129.9E	NBRSB	303433.4S	1494525.5E
MT2EB	272331.9S	1204908.1E	MX2NA	215210.0S	1475738.0E	NBRSC	303016.5S	1494059.8E
MT2EC	272629.9S	1204336.8E	MX2NC	214811.9S	1480205.8E	NBRSF	302447.8S	1494803.5E
MT2EF	271903.1S	1203750.7E	MX2ND	215045.3S	1480737.2E	NBRSH	301659.2S	1495009.5E
MT2EH	271547.1S	1202938.6E	MX2NF	215807.2S	1480342.5E	NBRSI	302940.6S	1494644.6E
MT2EI	272129.8S	1204400.0E	MX2NH	220603.4S	1480500.0E	NEEKY	273747.4S	1150000.0E
MT2WD	271631.7S	1201835.8E	MX2NI	215309.5S	1480254.1E	NEFER	372630.0S	1445636.0E
MT2WE	271052.8S	1201723.1E	MX2SE	221448.4S	1481133.0E	NEILO	122947.4S	1310728.2E
MT2WF	271523.2S	1202838.9E	MX2SF	220851.6S	1480527.4E	NELSN	324334.8S	1521912.6E
MT2WG	270755.7S	1202254.3E	MX2SG	221846.8S	1480704.6E	NESSY	333334.8S	1503513.2E
MT2WH	271839.3S	1203650.9E	MX2SH	220055.3S	1480409.9E	NETTY	284350.4S	1553034.4E
MT2WI	271255.8S	1202230.2E	MX2SI	221349.2S	1480616.0E	NEVIS	371148.0S	1431617.8E
MTGND	373257.4S	1405446.8E	MX2SJ	221613.4S	1480132.1E	NEWMO	320128.2S	1433100.0E
MTGNE	372912.5S	1404919.0E	MY2NA	354037.3S	1500615.6E	NF131	291059.7S	1680248.6E
MTGNF	373910.1S	1404803.1E	MY2NC	353821.6S	1501243.7E	NF156	290844.6S	1675857.5E
MTGNG	373200.5S	1404301.5E	MY2ND	354232.7S	1501733.2E	NF257	290247.1S	1674812.6E
MTGNH	374708.2S	1404702.1E	MY2NF	354809.8S	1501013.4E	NF261	290031.9S	1674421.8E
MTGNI	373411.3S	1404841.1E	MY2NH	355654.4S	1501429.4E	NF271	285954.0S	1674432.2E
MTGSA	375641.6S	1403950.5E	MY2NI	354315.7S	1501128.6E	NGUEA	144427.4S	1345858.6E
MTGSB	380026.8S	1404519.7E	MY2NM	355303.9S	1500858.0E	NGUEB	145007.2S	1350003.9E
MTGSC	375738.6S	1405139.7E	MY2SE	360634.6S	1501124.9E	NGUEC	145303.2S	1345458.0E
MTGSF	375029.2S	1404636.4E	MY2SF	355902.3S	1500725.9E	NGUEF	144558.1S	1345039.8E
MTGSH	374231.1S	1404737.4E	MY2SG	361146.9S	1500409.0E	NGUEH	144238.6S	1344308.7E
MTGSI	375528.0S	1404558.1E	MY2SH	355012.9S	1500941.8E	NGUEI	144802.7S	1345521.8E
MUBID	321140.1S	1214756.6E	MY2SI	360356.4S	1500610.2E	NGUEM	144353.4S	1344557.8E
MUBNI	170409.7S	1462632.0E	MY2SJ	360504.5S	1495624.1E	NGUWD	144232.5S	1343112.8E
MUBNO	150000.0S	1150819.3E	MYALL	190600.0S	1393036.0E	NGUWE	143652.6S	1343008.2E
MUDAN	234734.9S	1505953.7E	MZOWA	280151.4S	1395650.9E	NGUWF	144102.4S	1343931.6E
MUDDL	272216.0S	1532047.0E	MZOWB	275606.1S	1395703.4E	NGUWG	143357.1S	1343514.0E
MUDGI	323339.3S	1493537.3E	MZOWC	275418.6S	1400312.2E	NGUWH	144422.1S	1344702.6E
MUDIV	305225.8S	1371322.6E	MZOWF	280206.9S	1400605.8E	NGUWI	143857.5S	1343449.8E
MUDMO	235020.3S	1335750.4E	MZOWH	275923.6S	1401445.3E	NGUWM	144307.3S	1344413.4E
MUDOX	233605.9S	1361724.7E	MZOWI	275906.6S	1400134.5E	NH2EA	361403.1S	1415429.7E
MUGLU	231807.2S	1501717.0E	MZOWM	280529.7S	1401111.6E	NH2EB	361843.4S	1415837.2E
MUGOB	314215.6S	1155040.8E	NA410	285610.2S	1532423.6E	NH2EC	362327.6S	1415436.3E
MUGSI	312211.3S	1155121.7E	NA420	285244.3S	1532449.0E	NH2EF	361849.2S	1414614.8E
MUGTI	242046.0S	1392737.0E	NA430	285154.9S	1532619.0E	NH2EH	361853.7S	1413620.9E
MUKIN	285318.4S	1355610.7E	NA440	285442.4S	1532715.3E	NH2EI	361846.3S	1415226.0E
MULDM	294707.8S	1202837.4E	NA450	284900.2S	1533728.5E	NH2EM	361852.1S	1414003.6E
MULDR	345309.0S	1382514.0E	NA460	284519.1S	1533436.7E	NH2WD	362038.4S	1412305.7E
MULNI	274350.9S	1525547.9E	NA470	284908.4S	1533657.4E	NH2WE	361519.9S	1412023.0E
MUMOS	314954.2S	1161925.6E	NA480	284700.7S	1533614.3E	NH2WF	361730.1S	1413227.4E
MUNAR	212948.9S	1491701.8E	NA490	285059.5S	1532951.6E	NH2WG	361127.2S	1412536.7E
MUNEL	142818.0S	1445512.0E	NABBA	364219.2S	1470231.4E	NH2WH	361927.1S	1414319.7E
MUNNI	211233.8S	1165157.9E	NAIDO	272831.6S	1530032.1E	NH2WI	361625.0S	1412625.1E
MUPIK	272709.2S	1500000.0E	NAILA	131255.0S	1280714.0E	NI2ED	214159.9S	1214952.9E
MUPOG	202544.4S	1485743.6E	NALAR	311834.4S	1202718.6E	NI2EE	214742.4S	1215040.6E
MURCH	264539.1S	1185846.1E	NALDO	020000.0S	0810000.0E	NI2EF	214303.6S	1214109.3E
MURJO	271703.0S	1530609.0E	NAMBA	323110.5S	1512751.9E	NI2EG	215021.3S	1214512.3E
MUSEY	171251.6S	1445740.5E	NAMIT	233958.4S	1335808.7E	NI2EH	213920.4S	1213332.6E
MUSOP	353106.0S	1475412.0E	NAOMI	373920.6S	1443754.7E	NI2EI	214522.9S	1214555.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
NI2EM	214044.1S	1213623.8E	NOLUN	360100.0S	1493036.0E	NT2NG	172812.8S	1410113.9E
NI2WA	213847.0S	1212132.2E	NOLUP	213811.0S	1494622.0E	NT2NH	174308.1S	1410537.6E
NI2WB	213304.5S	1212044.9E	NOMAV	291203.9S	1183136.4E	NT2NI	173214.9S	1405807.2E
NI2WC	213025.7S	1212612.7E	NOMEL	204523.5S	1412328.4E	NT2SA	174902.1S	1411536.5E
NI2WF	213743.9S	1213015.3E	NOMEV	273225.0S	1530223.2E	NT2SB	175423.5S	1411324.4E
NI2WH	214127.1S	1213751.9E	NOMID	374447.4S	1445221.6E	NT2SC	175414.4S	1410723.5E
NI2WI	213524.1S	1212530.1E	NOMIT	290500.0S	1540000.0E	NT2SF	174601.2S	1410737.1E
NI2WM	214003.5S	1213500.6E	NOMON	291501.8S	1432522.0E	NT2SH	173919.3S	1410259.7E
NICAY	345741.6S	1390752.5E	NONAK	343642.0S	1385742.0E	NT2SI	175012.4S	1411030.7E
NICLA	320305.0S	1520015.7E	NONAX	233117.0S	1235208.8E	NUBKO	124758.5S	1293550.7E
NIFTI	395354.0S	1473906.0E	NONET	252025.2S	1410853.1E	NUBMO	250000.0S	1205351.8E
NIKKI	280558.5S	1533420.0E	NONID	341428.6S	1535449.2E	NUBNI	330653.0S	1544940.0E
NIKKY	190259.0S	1465526.5E	NONIR	154032.4S	1481109.9E	NUBTA	272831.2S	1442713.0E
NIKOM	154415.1S	1244322.9E	NONIX	370434.3S	1451449.6E	NUGRU	233611.0S	1484824.6E
NILEV	374006.0S	1472355.0E	NONOG	251727.9S	1122738.4E	NUKSO	424227.4S	1472506.9E
NIMEK	331640.0S	1382912.1E	NONUM	165500.7S	1452442.7E	NULSO	334345.2S	1152241.1E
NINEK	304053.3S	1165428.4E	NONUP	352550.1S	1481755.8E	NUMBU	235736.6S	1335338.9E
NIPOL	343729.1S	1383748.8E	NOODL	324926.0S	1512117.0E	NUMRI	221410.1S	1424549.3E
NIPOM	220344.9S	1480431.1E	NOONA	123342.0S	1310321.6E	NUMSA	392511.0S	1630000.0E
NIPON	350721.9S	1221832.9E	NOPAG	105156.7S	1355229.1E	NUMVO	351243.2S	1493538.4E
NIRIL	361702.4S	1464707.0E	NOPAS	274606.7S	1534052.4E	NUNDI	274023.0S	1530445.4E
NIRUL	314229.0S	1161550.1E	NOPED	263631.2S	1192012.3E	NUNLA	254511.3S	1110052.7E
NISAD	184342.5S	1253358.1E	NOPET	424210.1S	1473040.4E	NUNPA	400544.3S	1480053.4E
NISAX	212044.0S	1160340.0E	NORMA	173946.2S	1453217.0E	NUSBU	271513.7S	1523531.9E
NISOP	283644.1S	1222521.1E	NP2ND	105044.5S	1421510.7E	NUSKU	342942.0S	1313000.0E
NITIT	214238.7S	1490400.8E	NP2NE	104506.7S	1421625.4E	NUSVA	285224.0S	1361236.0E
NITUN	192054.8S	1372359.2E	NP2NF	105229.7S	1422318.8E	NUTLI	354835.7S	1453624.2E
NIVED	183308.8S	1380331.6E	NP2NG	104420.4S	1422211.9E	NUTPA	271434.0S	1513644.5E
NIXEL	273939.7S	1530306.9E	NP2NH	105824.1S	1422849.8E	NUTSU	315607.5S	1153936.6E
NIXEN	374834.6S	1441427.4E	NP2NI	104848.2S	1421952.0E	NUTTA	150031.9S	1305815.9E
NIXUG	312934.2S	1503125.6E	NP2NM	105611.2S	1422645.7E	NUVTA	423656.0S	1474036.0E
NO2EA	314039.7S	1232124.0E	NP2SA	110241.1S	1423920.6E	NUVTO	264447.2S	1531535.4E
NO2EB	314309.6S	1232727.2E	NP2SB	110819.0S	1423806.4E	NY2ED	312237.6S	1472152.0E
NO2EC	314852.8S	1232646.7E	NP2SC	110905.6S	1423219.5E	NY2EE	312459.1S	1472758.2E
NO2EF	314803.0S	1231712.9E	NP2SF	110056.3S	1423112.2E	NY2EF	313006.8S	1471755.6E
NO2EH	315226.3S	1230759.1E	NP2SH	105502.1S	1422541.1E	NY2EG	313043.4S	1472728.6E
NO2EI	314536.4S	1232220.2E	NP2SI	110437.7S	1423439.3E	NY2EH	313412.4S	1470952.6E
NO2WD	320049.9S	1230138.1E	NP2SM	105714.9S	1422745.2E	NY2EI	312733.0S	1472257.0E
NO2WE	315818.7S	1225534.4E	NR2WA	321030.0S	1475808.0E	NY2EM	313240.4S	1471253.8E
NO2WF	315327.1S	1230551.0E	NR2WB	320445.4S	1475743.0E	NY2WA	314326.1S	1470228.5E
NO2WG	315235.7S	1225616.9E	NR2WC	320227.7S	1480353.8E	NY2WB	314103.6S	1465620.6E
NO2WH	314903.9S	1231505.0E	NR2WF	320959.3S	1480745.6E	NY2WC	313520.1S	1465651.5E
NO2WI	315553.0S	1230042.8E	NR2WH	322009.7S	1481026.9E	NY2WF	313557.5S	1470625.6E
NOBAR	334710.7S	1514424.4E	NR2WI	320722.4S	1480244.2E	NY2WH	313152.1S	1471428.8E
NOBEV	345110.2S	1382134.6E	NR2WM	321235.9S	1481247.4E	NY2WI	313830.7S	1470123.3E
NOBIK	350711.3S	1383002.2E	NR2WT	321409.8S	1481548.5E	NY2WM	313324.2S	1471127.7E
NOBIP	170000.0S	1501754.0E	NRVEA	333723.9S	1202219.7E	OAGED	332618.6S	1492313.6E
NODAB	132135.2S	1063820.9E	NRVEB	333942.6S	1202837.1E	OAGEE	333202.9S	1492310.5E
NODAS	412436.0S	1465555.4E	NRVEC	334526.7S	1202810.4E	OAGEF	332614.5S	1491325.9E
NODDY	283316.5S	1522659.8E	NRVEF	334454.4S	1201822.2E	OAGEG	333358.4S	1491642.0E
NODEK	324700.0S	1455342.0E	NRVEH	334903.2S	1201009.3E	OAGEH	331945.7S	1490419.7E
NODEV	322013.6S	1183621.3E	NRVEI	334218.7S	1202329.8E	OAGEI	332908.8S	1491818.1E
NODOK	121112.0S	1550000.0E	NRVEM	334730.0S	1201314.2E	OAGWA	331818.7S	1485034.4E
NODOL	325717.0S	1375721.8E	NRVWD	335016.3S	1195648.1E	OAGWB	331234.0S	1485039.3E
NODOR	270850.0S	1520254.0E	NRVWE	335600.2S	1195619.2E	OAGWC	331039.7S	1485706.2E
NODUG	271546.9S	1524210.0E	NRVWF	335050.3S	1200636.7E	OAGWF	331859.2S	1490119.0E
NODUR	355112.0S	1313000.0E	NRVWG	335820.3S	1200237.2E	OAGWH	332413.7S	1491003.6E
NOGAM	262656.3S	1530252.1E	NRVWH	334641.7S	1201449.9E	OAGWI	331529.2S	1485529.9E
NOGAS	253237.5S	1182608.4E	NRVWI	335325.4S	1200128.1E	OB2ED	312116.2S	1455620.3E
NOGIP	381851.6S	1412824.1E	NRVWM	334815.0S	1201145.1E	OB2EE	312313.7S	1460237.8E
NOGOR	351538.3S	1485017.3E	NS2EA	374048.9S	1474411.4E	OB2EF	312859.4S	1455304.0E
NOKAV	230712.0S	1463654.0E	NS2EB	374310.7S	1475220.2E	OB2EG	312858.9S	1460238.5E
NOKOG	310925.7S	1155622.9E	NS2EC	375004.2S	1475220.0E	OB2EH	313335.5S	1454524.1E
NOKUN	125106.3S	1321154.0E	NS2EF	375003.6S	1473955.8E	OB2EI	312606.6S	1455751.1E
NOLAM	192436.9S	1470945.5E	NS2EH	375750.3S	1473331.3E	OB2EM	313152.0S	1454816.7E
NOLAS	100614.6S	0872140.1E	NS2EI	374637.2S	1474608.1E	OB2WA	314313.9S	1453853.9E
NOLEK	141249.0S	1321919.0E	NS2EM	375255.6S	1473445.2E	OB2WB	314115.5S	1453234.5E
NOLEM	335533.6S	1504545.0E	NT2ND	173325.0S	1405301.8E	OB2WC	313531.0S	1453235.0E
NOLES	250401.9S	1370620.5E	NT2NE	172803.5S	1405514.2E	OB2WF	313531.3S	1454210.8E
NOLOX	385452.8S	1465539.1E	NT2NF	173626.2S	1410100.3E	OB2WH	313055.4S	1454951.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
OB2WI	313823.5S	1453722.8E	OKYSF	272824.3S	1514732.7E	OMKIL	313941.0S	1153737.0E
OB2WM	313238.9S	1454658.5E	OKYSH	272238.8S	1514302.6E	OMKIN	422452.0S	1630000.0E
OBDEB	424220.8S	1473539.7E	OKYSI	273141.6S	1515007.2E	OMKON	370031.0S	1430311.1E
OBDIB	323323.6S	1514624.1E	OKYSK	273040.6S	1515428.1E	OMKUL	424423.1S	1473623.2E
OBELO	233514.5S	1334319.1E	OKYSL	273458.8S	1515241.9E	OMLAT	281707.1S	1185410.7E
OBGAL	375039.1S	1444708.1E	OKYSM	272506.9S	1514458.3E	OMLAV	342101.2S	1510758.0E
OBGOS	320218.0S	1155611.3E	OKYSN	273459.4S	1514731.9E	OMLIR	323518.0S	1514154.1E
OBKOB	304408.6S	1484653.1E	OL2ND	212726.1S	1150848.9E	OMUBI	233815.4S	1460405.8E
OBKUP	324052.1S	1514030.0E	OL2NE	212652.6S	1151456.1E	OMUNI	123533.1S	1305126.6E
OBKUR	323438.7S	1513219.0E	OL2NF	213537.1S	1150939.9E	ONAGI	382816.4S	1453724.3E
OCKLY	324852.1S	1170916.0E	OL2NG	213204.1S	1151735.5E	ONALA	151110.5S	1170144.7E
OCTAV	234719.9S	1335214.5E	OL2NH	214319.6S	1150500.4E	ONALI	123041.4S	1305829.9E
OCTOB	110849.2S	1302937.7E	OL2NI	213114.9S	1151218.1E	ONARA	181903.5S	1431546.8E
ODALE	340521.2S	1503103.9E	OL2SA	215307.5S	1150452.6E	ONEGI	262523.6S	1203436.1E
ODOTA	194400.7S	1464742.9E	OL2SB	215340.6S	1145844.2E	ONGAR	291200.3S	1144755.0E
ODURA	271554.1S	1531428.7E	OL2SC	214828.8S	1145605.1E	ONGLO	352730.0S	1491706.0E
ODUTO	275147.8S	1524622.2E	OL2SF	214456.5S	1150401.8E	ONIPA	272548.0S	1525821.7E
OG2NA	275715.6S	1174001.9E	OL2SH	213736.3S	1145726.7E	ONOPO	351522.0S	1445403.0E
OG2NC	275222.8S	1174327.4E	OL2SI	214918.6S	1150123.1E	ONOXA	120000.0S	1205242.0E
OG2ND	275334.0S	1174947.4E	OLBEV	272632.8S	1530256.2E	ONSLO	213959.4S	1150643.4E
OG2NF	280151.2S	1174800.3E	OLDER	211112.0S	1471342.0E	ONUMA	305828.0S	1482248.9E
OG2NH	280858.9S	1175126.2E	OLDET	275158.2S	1532240.2E	ONUTO	373841.8S	1445000.2E
OG2NI	275659.6S	1174540.2E	OLDIB	240334.3S	1510023.1E	OO2ED	281258.2S	1402547.7E
OG2SE	281700.0S	1180105.7E	OLGEK	314002.1S	1161105.3E	OO2EE	281828.8S	1402355.9E
OG2SF	281203.9S	1175255.4E	OLGUM	280500.0S	1502000.0E	OO2EF	281036.7S	1401654.9E
OG2SG	282153.3S	1175740.2E	OLKUR	295351.5S	1500937.2E	OO2EG	281848.7S	1401726.7E
OG2SH	280517.5S	1174939.5E	OLMAM	323124.4S	1154630.2E	OO2EH	280357.6S	1402112.5E
OG2SI	281716.7S	1175526.4E	OLMAR	144724.8S	1254933.0E	OO2EI	281432.8S	1402025.3E
OG2SJ	282042.4S	1175118.4E	OLNAM	243008.1S	1331215.4E	OO2EM	280722.8S	1401402.4E
OGATU	271800.7S	1531036.7E	OLNUT	194043.6S	1465623.2E	OPABA	085130.0S	1380400.0E
OGOGA	272802.0S	1531528.0E	OLREB	235935.7S	1333233.1E	OPALL	263443.0S	1182708.2E
OGORA	352345.5S	1491812.7E	OLREL	353903.0S	1630000.0E	OPAMI	290139.4S	1532801.3E
OGUGU	350453.3S	1382453.1E	OLRIP	302354.4S	1513820.9E	OPAVA	373246.3S	1443837.1E
OI2ED	163647.4S	1392324.3E	OLRON	305714.9S	1501453.7E	OPAXA	271524.9S	1452622.9E
OI2EE	164156.3S	1392605.1E	OLRUN	232447.1S	1190020.1E	OPEGA	312836.7S	1132244.3E
OI2EF	164028.8S	1391546.7E	OLRUT	355951.0S	1471852.5E	OPEKO	144242.7S	1323757.8E
OI2EG	164607.6S	1392159.0E	OLRUX	321548.1S	1252943.7E	OPESO	285625.9S	1532057.8E
OI2EH	163909.9S	1390630.2E	OLSAN	123739.5S	1305019.6E	OPIPO	265944.7S	1512803.8E
OI2EI	164112.5S	1392055.9E	OLSEM	333852.0S	1513618.5E	OPITU	274845.8S	1525301.8E
OI2WA	164231.5S	1385635.3E	OLSEN	175413.8S	1221547.5E	OPONA	303729.9S	1153402.0E
OI2WB	163722.3S	1385354.8E	OLSIN	173341.9S	1460055.4E	OPORI	354523.1S	1423058.5E
OI2WC	163311.4S	1385800.9E	OLSOG	340258.4S	1511251.4E	OPOSA	185213.6S	1152400.3E
OI2WF	163850.5S	1390413.0E	OLTAK	254816.9S	1381146.4E	OPOSI	203507.9S	1485829.1E
OI2WH	164000.6S	1391227.6E	OLTAN	355251.5S	1471202.8E	OPTIC	342404.1S	1515319.8E
OI2WI	163806.4S	1385903.8E	OLTAS	125549.3S	1302738.0E	OPUDA	130748.2S	1320354.2E
OI2WM	163934.3S	1390922.1E	OLTEG	123532.8S	1310858.9E	OPUDI	343231.7S	1444957.8E
OJJAY	322840.1S	1371813.9E	OLTIN	323307.7S	1511527.0E	OPUKO	312039.8S	1160454.2E
OKERU	350758.0S	1491904.0E	OLTOK	273455.8S	1532202.5E	OR2NA	291656.2S	1494943.6E
OKIBU	181014.2S	1172138.6E	OLTUD	262600.8S	1525321.2E	OR2NC	291511.1S	1495558.3E
OKISI	385404.1S	1430000.0E	OLTUR	374045.1S	1450936.0E	OR2ND	291943.8S	1495959.4E
OKMEL	373342.7S	1444904.4E	OLVAG	341533.9S	1510906.0E	OR2NF	292445.5S	1495234.7E
OKODU	195858.8S	1431125.0E	OLVEN	344718.1S	1385251.6E	OR2NH	293225.0S	1494951.4E
OKTON	345116.1S	1384001.5E	OLVEP	324055.2S	1515823.3E	OR2NI	291958.3S	1495416.6E
OKVAD	321112.6S	1490702.6E	OLVIX	350029.0S	1494224.3E	OR2SE	294259.1S	1495144.4E
OKVAR	212219.0S	1405241.6E	OLVOR	295829.2S	1464842.3E	OR2SF	293509.8S	1494852.7E
OKVIS	271309.1S	1531201.5E	OLVUN	272018.1S	1532216.7E	OR2SG	294444.0S	1494527.8E
OKYEE	271516.8S	1515058.7E	OMBAG	242132.0S	1161111.0E	OR2SH	292730.3S	1495136.2E
OKYEF	272127.7S	1514828.7E	OMBAS	272948.9S	1513210.3E	OR2SI	293956.9S	1494710.3E
OKYEG	271650.5S	1515549.3E	OMBIS	370253.0S	1472004.0E	OR2SJ	294010.9S	1494126.4E
OKYEH	272118.5S	1514252.0E	OMBOR	380101.3S	1472250.2E	ORAGU	380101.4S	1442816.1E
OKYEI	271909.1S	1515209.1E	OMBOS	303731.8S	1155440.8E	ORATI	320438.0S	1151953.5E
OKYEJ	272126.6S	1515550.4E	OMDAL	345708.2S	1490742.2E	ORBUN	341145.0S	1384316.2E
OKYEM	272340.6S	1514457.0E	OMDIN	345152.0S	1385034.6E	ORCHY	315940.8S	1154052.1E
OKYNA	271823.2S	1513434.5E	OMDUN	262630.5S	1530652.0E	OREBA	425252.9S	1473423.5E
OKYNC	271403.9S	1513621.0E	OMGAB	332412.6S	1515320.7E	OREBI	272718.7S	1523757.5E
OKYND	271404.5S	1514129.8E	OMGIL	262300.4S	1313608.0E	ORESO	253027.0S	1181745.0E
OKYNF	272038.9S	1514128.9E	OMGOS	301909.6S	1502622.3E	ORIDO	315448.8S	1153644.9E
OKYNH	272008.3S	1515040.0E	OMGUV	270721.1S	1532047.0E	ORIGA	180918.0S	1504206.0E
OKYNI	271721.4S	1513854.9E	OMKAX	291713.6S	1530652.1E	ORILI	204719.2S	1133409.2E
OKYNM	272356.3S	1514403.1E	OMKEK	302712.7S	1370959.7E	ORINO	363947.3S	1444800.2E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
ORORO	192128.8S	1465438.4E	OW2EC	200647.1S	1381254.6E	PASCO	374312.0S	1445748.0E
OS2ED	220934.3S	1404638.7E	OW2EF	195840.7S	1381127.8E	PASPO	260642.8S	1530507.6E
OS2EE	221517.2S	1404555.4E	OW2EH	195214.7S	1380445.5E	PATKO	305211.8S	1300000.0E
OS2EF	220836.4S	1403752.9E	OW2EI	200215.2S	1381511.4E	PATSU	282001.7S	1540219.7E
OS2EG	221636.5S	1403954.2E	OW2WD	194933.8S	1375458.3E	PAULA	373424.0S	1450206.0E
OS2EH	220315.4S	1403127.5E	OW2WE	194354.1S	1375604.5E	PAVBI	293838.3S	1503406.8E
OS2EI	221156.9S	1404154.1E	OW2WF	195103.2S	1380331.0E	PAVGO	112135.3S	1055918.3E
OS2WA	220012.9S	1402014.1E	OW2WG	194256.7S	1380204.2E	PAVNU	193000.0S	1141456.5E
OS2WB	215430.0S	1402058.4E	OW2WH	195729.3S	1381013.2E	PAVSA	343241.0S	1383024.0E
OS2WC	215311.5S	1402658.8E	OW2WI	194728.6S	1375947.7E	PAVSO	342753.7S	1173928.6E
OS2WF	220111.7S	1402859.3E	OY2EF	302710.3S	1365839.4E	PAVTA	163023.0S	1454912.1E
OS2WH	220632.8S	1403524.5E	OY2EI	302531.4S	1370400.7E	PAWSO	171244.0S	1460619.5E
OS2WI	215750.9S	1402458.7E	OY2WF	303052.8S	1364633.3E	PBDEA	230049.6S	1175446.0E
OSADA	315736.4S	1151657.4E	OY2WH	302812.4S	1365517.1E	PBDEB	230342.8S	1180008.8E
OSANO	222747.7S	1421705.1E	OY2WI	303232.8S	1364105.7E	PBDEC	230922.8S	1175903.4E
OSATO	324255.9S	1513413.4E	PADBU	423154.0S	1462848.0E	PBDEF	230756.1S	1175018.4E
OSEGU	270916.0S	1532946.0E	PADEF	350139.6S	1384051.0E	PBDEH	231118.3S	1174225.7E
OSEMI	390448.0S	1465902.0E	PADEH	345518.3S	1382910.6E	PBDEI	230549.5S	1175513.7E
OSINA	234328.3S	1332907.7E	PADEI	350425.0S	1384556.0E	PBDWD	231950.9S	1173435.0E
OSOKO	271121.8S	1531302.6E	PADEK	350125.6S	1385049.2E	PBDWE	231657.1S	1172911.9E
OSOTI	300009.9S	1512045.4E	PADEL	350710.2S	1385101.4E	PBDWF	231244.7S	1173903.4E
OSOTO	180715.4S	1163553.9E	PADEN	350917.3S	1384431.4E	PBDWG	231117.3S	1173018.2E
OSRAR	315034.0S	1494929.6E	PADNA	350327.7S	1494429.6E	PBDWH	230541.0S	1175128.3E
OSTAM	282247.0S	1522907.0E	PADNF	345118.1S	1384003.6E	PBDWI	231450.9S	1173407.7E
OSTIM	383711.8S	1602107.1E	PADNH	345938.8S	1382755.4E	PCCND	120313.1S	0963926.5E
OSTOL	274208.4S	1160735.2E	PADNI	344843.8S	1384347.2E	PCCNE	115757.9S	0964150.7E
OSUMA	272648.4S	1175507.1E	PADNJ	345206.4S	1385050.7E	PCCNF	120635.8S	0964703.9E
OSVOL	201503.6S	1220255.6E	PADNM	345626.3S	1383235.7E	PCCNG	115823.4S	0964740.9E
OT2NA	342458.8S	1475443.7E	PADRY	231952.3S	1153924.8E	PCCNH	121330.0S	0965114.7E
OT2NC	342109.9S	1475954.6E	PADSE	350655.6S	1381716.9E	PCCNI	120216.9S	0964427.3E
OT2NF	343106.9S	1480118.4E	PADSF	350031.3S	1382638.8E	PCCNM	121054.7S	0964940.6E
OT2NH	343934.4S	1480229.8E	PADSH	345523.3S	1383407.3E	PCCSA	121944.2S	0970036.8E
OT2NI	342608.4S	1480036.5E	PADSI	350343.5S	1382158.0E	PCCSB	122459.5S	0965812.7E
OT2NM	343605.4S	1480200.3E	PADSM	345738.0S	1383051.1E	PCCSC	122434.2S	0965222.0E
OT2SE	344909.6S	1480935.7E	PADVU	231323.1S	1503611.9E	PCCSF	121621.8S	0965258.8E
OT2SF	344301.8S	1480259.0E	PADWF	345342.3S	1382614.8E	PCCSH	120927.6S	0964847.9E
OT2SG	345258.7S	1480423.5E	PADWH	350236.6S	1383525.9E	PCCSI	122040.7S	0965535.7E
OT2SH	343504.2S	1480151.7E	PADWI	345119.3S	1382153.6E	PCCSM	121202.9S	0965022.0E
OT2SI	344800.3S	1480341.2E	PADWO	345417.5S	1381700.0E	PD900	201844.9S	1183341.8E
OT2SJ	345014.9S	1475815.4E	PADWP	344832.9S	1381650.1E	PD904	202249.1S	1182633.2E
OT2SM	343803.3S	1480216.9E	PADWQ	344627.2S	1382319.2E	PD906	203124.2S	1182949.1E
OTBOK	360833.3S	1350000.0E	PAGMI	111435.0S	1283921.0E	PD910	202708.3S	1184152.2E
OTGAB	382515.3S	1350000.0E	PAGRI	333949.6S	1151413.4E	PD914	203332.1S	1184026.3E
OTGAT	265803.0S	1524337.0E	PAGSO	123243.9S	1310400.1E	PD916	204828.5S	1183620.2E
OTGAX	123726.7S	1310242.5E	PAGTA	284000.0S	1152600.0E	PD918	203805.9S	1183714.4E
OTGUN	385402.0S	1471136.0E	PAKLA	132417.8S	1023328.2E	PD922	205248.9S	1183707.4E
OTKED	373546.2S	1494306.0E	PAKTU	430310.2S	1473919.0E	PD928	203803.1S	1182926.1E
OTKIT	204557.2S	1214132.5E	PAKVU	305000.0S	1414436.0E	PD930	201225.6S	1183842.2E
OTKUN	320015.3S	1153240.8E	PALTI	275109.0S	1164212.6E	PD934	201539.7S	1184542.4E
OTLAM	285452.5S	1492405.8E	PAMBU	270553.2S	1531106.4E	PD938	201441.2S	1184107.2E
OTLEB	263849.0S	1524004.0E	PAMDO	183716.8S	1265301.9E	PD940	201351.2S	1184644.5E
OTLED	304952.0S	1154203.0E	PAMGA	122223.3S	1310532.0E	PD942	203420.6S	1185135.2E
OVENS	245912.0S	1491518.0E	PAMGO	270813.4S	1525714.7E	PD946	203749.8S	1185420.7E
OVILS	334205.9S	1510801.2E	PAMMY	344401.8S	1381945.5E	PD950	202338.8S	1184911.0E
OVLET	161346.2S	1450943.5E	PAMRI	280633.4S	1524236.8E	PD952	201641.5S	1184951.6E
OVLUK	303538.6S	1164647.2E	PANBA	215824.0S	1151517.0E	PD954	201111.1S	1185424.9E
OVLUX	331023.0S	1513704.1E	PANBI	232914.7S	1191953.6E	PD958	201545.0S	1185328.1E
OVMIN	320623.7S	1502015.8E	PANDU	113806.0S	0782636.0E	PD970	201720.6S	1183219.8E
OVMIS	162417.2S	1310024.5E	PANPU	272924.2S	1501959.1E	PD974	201114.0S	1183922.9E
OVMUD	290000.0S	1440351.6E	PANRO	194630.0S	1360006.0E	PD978	202225.5S	1185017.5E
OVNER	373519.0S	1444418.0E	PANVA	315742.0S	1160912.0E	PD982	202832.5S	1184314.4E
OVNOM	293912.8S	1500604.6E	PANVO	350454.0S	1382453.0E	PEAEF	313607.7S	1160523.7E
OVPAD	424440.4S	1472449.4E	PAPDO	380233.2S	1464220.3E	PEAEH	314232.2S	1155758.5E
OVPEV	325132.2S	1515522.6E	PARAD	170234.5S	1243720.8E	PEAEI	313316.7S	1160841.3E
OVRON	202104.2S	1485721.2E	PARDA	322838.6S	1382808.6E	PEAEL	312939.3S	1160641.2E
OVRUL	264401.7S	1531747.1E	PARKU	304945.4S	1211522.5E	PEAEM	313941.4S	1160116.5E
OVSIV	315906.4S	1495354.9E	PARNU	382547.9S	1463222.0E	PEAEN	313025.6S	1161158.6E
OVSOT	282314.2S	1540050.1E	PARPO	192830.0S	1464806.0E	PEAEO	313457.0S	1161256.6E
OW2EA	200009.8S	1382001.1E	PARRY	274446.3S	1522119.9E	PEART	372830.7S	1444326.9E
OW2EB	200549.6S	1381855.2E	PARSI	373229.0S	1443651.6E	PEASA	315459.7S	1160251.9E

WAYPOINT	LOCATION	
PEASF	314502.3S	1160131.7E
PEASH	313804.1S	1160036.0E
PEASI	315001.0S	1160211.7E
PEASM	314103.4S	1160059.8E
PEAWF	314256.4S	1155657.2E
PEAWI	314505.8S	1155139.7E
PEAWJ	314135.3S	1154728.6E
PEAWK	314715.5S	1154622.2E
PEAWM	314020.4S	1160031.3E
PEBAL	375836.0S	1445836.0E
PEBBL	123938.5S	1304923.5E
PEBDO	301952.5S	1513521.0E
PEBRA	333751.6S	1505308.0E
PEBTA	105750.6S	1401030.7E
PEBTO	373004.1S	1444052.2E
PECOB	430942.7S	1505613.1E
PEDLU	335339.9S	1513129.0E
PEDPI	131636.0S	0750000.0E
PEDSA	135204.3S	1200446.2E
PEGBA	335456.8S	1511655.0E
PEGLI	375405.9S	1443616.8E
PEGSU	341949.9S	1504708.3E
PEGTU	350835.1S	1382616.2E
PENAR	202116.5S	1411355.8E
PEPPY	260636.0S	1413930.0E
PETAA	310543.0S	1153630.0E
PETAB	305000.0S	1160000.0E
PETAC	305000.0S	1153000.0E
PETAD	303730.0S	1142903.0E
PETAG	325618.0S	1153141.0E
PETRL	171216.0S	1352134.5E
PEWEE	175556.6S	1463005.5E
PEXIV	380355.8S	1442746.7E
PEXOR	242721.9S	1171845.7E
PFTNA	360303.7S	1490816.6E
PFTNC	360222.6S	1490440.5E
PFTNF	360738.6S	1491045.1E
PFTNH	361419.2S	1491153.7E
PFTNI	360344.6S	1491152.8E
PFTNM	361231.0S	1490920.3E
PG2ED	122057.2S	1370222.2E
PG2EE	122641.5S	1370152.2E
PG2EF	122007.2S	1365352.5E
PG2EG	122811.6S	1365612.5E
PG2EH	121505.6S	1364745.8E
PG2EI	122328.3S	1365757.0E
PG2WA	121205.7S	1363633.0E
PG2WB	120621.0S	1363701.5E
PG2WC	120449.5S	1364240.2E
PG2WF	121245.6S	1364453.2E
PG2WH	121753.1S	1365110.8E
PG2WI	120933.3S	1364057.3E
PH010	320327.9S	1160223.1E
PH020	320254.4S	1155924.9E
PH030	315934.1S	1155659.1E
PH040	315459.7S	1155819.1E
PH050	315033.2S	1155341.8E
PH060	320013.7S	1160006.5E
PH070	315407.5S	1155413.3E
PH2EF	315315.8S	1160345.4E
PH2EH	315724.5S	1155542.5E
PH2ND	314743.3S	1155540.1E
PH2NF	315153.4S	1155913.2E
PH2NM	315527.2S	1155811.1E
PH2SF	320209.8S	1155613.7E
PH2SH	315329.7S	1155117.8E
PH2WF	315902.8S	1155231.1E
PH2WH	315454.4S	1160034.2E
PI2ED	330936.0S	1381406.9E
PI2EE	331417.8S	1381801.6E

WAYPOINT	LOCATION	
PI2EF	331417.8S	1380606.3E
PI2EG	331900.9S	1381405.7E
PI2EH	331416.8S	1375634.0E
PI2EI	331418.2S	1381203.9E
PI2WA	331916.2S	1374732.2E
PI2WC	330915.1S	1374733.7E
PI2WF	331416.4S	1375330.6E
PI2WH	331417.5S	1380302.9E
PI2WI	331415.7S	1374732.9E
PIBED	052012.0S	0904400.0E
PIBOT	205122.6S	1152422.1E
PIDEN	271226.4S	1173050.1E
PIDIX	422910.1S	1471441.0E
PIDOS	425541.0S	1474339.5E
PIDOV	285618.2S	1505855.1E
PIDUT	315520.9S	1154221.6E
PIGIG	105702.0S	1422734.0E
PIKIS	343244.4S	1383005.4E
PIKON	271125.5S	1531422.0E
PILBY	344013.6S	1364402.3E
PILIG	270357.0S	1532018.7E
PILOS	352752.5S	1491557.9E
PILTA	331130.0S	1414736.0E
PIMOV	423255.3S	1473440.0E
PINAV	285254.0S	1290000.0E
PINIP	194648.1S	1470021.7E
PIPEL	273221.6S	1533225.9E
PIPOV	042206.0S	0923230.0E
PIPPA	144051.1S	1501124.4E
PJTED	315422.2S	1160202.4E
PJTEF	320206.9S	1155850.8E
PJTEG	320201.2S	1160829.0E
PJTEH	320352.7S	1154556.1E
PJTEI	315911.7S	1160337.5E
PJTSF	320838.1S	1155826.3E
PJTSH	320410.8S	1154510.9E
PJTSI	321056.2S	1160340.2E
PJTSK	321314.1S	1160854.4E
PJTSL	321554.4S	1160255.1E
PJTWA	321404.6S	1154717.1E
PJTWB	320732.9S	1154148.8E
PJTWF	320829.1S	1154823.0E
PJTWH	320932.6S	1155257.5E
PJTWI	321048.8S	1154432.8E
PJTWM	320609.3S	1155213.0E
PK2ND	140502.6S	1292308.4E
PK2NE	140022.9S	1292636.4E
PK2NF	140952.6S	1292957.7E
PK2NG	140158.0S	1293216.8E
PK2NH	141728.3S	1293238.8E
PK2NI	140507.7S	1292817.1E
PK2SA	142455.5S	1294024.3E
PK2SB	142935.3S	1293656.1E
PK2SC	142800.1S	1293115.0E
PK2SF	142005.6S	1293334.7E
PK2SH	141229.9S	1293053.3E
PK2SI	142450.4S	1293515.2E
PKAEA	203643.1S	1165903.1E
PKAEB	204102.5S	1170305.4E
PKAEC	204605.6S	1170009.3E
PKAEF	204208.9S	1165229.3E
PKAEH	204302.3S	1164400.5E
PKAEI	204135.7S	1165747.4E
PKAEM	204242.3S	1164711.3E
PKAWD	204849.8S	1163401.5E
PKAWE	204430.6S	1162958.7E
PKAWF	204323.8S	1164034.9E
PKAWG	203927.4S	1163254.6E
PKAWH	204230.5S	1164903.8E
PKAWI	204357.1S	1163516.8E

WAYPOINT	LOCATION	
PKAWM	204250.5S	1164553.0E
PKEEA	325647.8S	1482325.1E
PKEEB	325844.6S	1482950.1E
PKEEC	330429.4S	1482951.8E
PKEEF	330431.1S	1482006.8E
PKEEI	330137.9S	1482458.6E
PKEET	330926.3S	1481147.8E
PKEWD	331908.3S	1480505.9E
PKEWE	331710.3S	1475839.9E
PKEWF	331125.4S	1480826.1E
PKEWG	331125.4S	1475840.2E
PKEWI	331418.0S	1480333.2E
PKEWZ	330630.4S	1481645.4E
PLEDL	290901.6S	1245648.0E
PLEZN	344703.7S	1390423.6E
PLMND	220053.2S	1140117.5E
PLMNF	220755.4S	1140551.0E
PLMNG	220131.2S	1141122.9E
PLMNH	221556.0S	1140516.2E
PLMNI	220255.0S	1140612.8E
PLMSA	222709.4S	1140932.4E
PLMSB	223008.1S	1140414.4E
PLMSC	222631.3S	1135925.1E
PLMSF	222007.4S	1140458.0E
PLMSH	221206.8S	1140532.8E
PLMSI	222507.7S	1140436.2E
PLUGA	353626.6S	1544119.8E
PLZNA	342230.8S	1355427.8E
PLZNC	342140.6S	1360119.1E
PLZND	342643.7S	1360437.0E
PLZNF	343037.9S	1355554.2E
PLZNH	343747.8S	1355133.8E
PLZNI	342609.3S	1355836.7E
PLZNM	343506.6S	1355311.5E
PM2ND	144505.8S	1412557.1E
PM2NE	143954.1S	1412830.6E
PM2NF	144839.1S	1413334.6E
PM2NG	144027.8S	1413423.9E
PM2NH	145539.0S	1413738.0E
PM2NI	144416.6S	1413102.5E
PM2NM	145301.5S	1413606.7E
PM2SA	150304.5S	1414731.3E
PM2SB	150816.4S	1414458.0E
PM2SC	150742.9S	1413903.9E
PM2SF	145931.7S	1413953.1E
PM2SH	145231.8S	1413549.5E
PM2SI	150354.0S	1414225.5E
PM2SM	145509.3S	1413720.8E
PMHNA	293000.1S	1352832.5E
PMHNC	292732.8S	1353429.1E
PMHND	293135.5S	1353909.4E
PMHNF	293725.7S	1353232.9E
PMHNH	294520.0S	1353059.7E
PMHNI	293229.3S	1353331.1E
PMHSE	295554.5S	1353423.9E
PMHSF	294829.0S	1353022.5E
PMHSG	295821.7S	1352825.6E
PMHSH	294034.7S	1353155.8E
PMHSI	295325.4S	1352924.1E
PMHSJ	295418.7S	1352344.4E
PODEA	381353.5S	1414340.2E
PODEB	381826.3S	1414807.0E
PODEC	382317.3S	1414412.8E
PODEF	381853.8S	1413525.5E
PODEH	381915.5S	1412516.2E
PODEI	381840.0S	1414146.3E
PODWD	382423.8S	1411249.3E
PODWE	381949.9S	1410822.7E
PODWF	381924.3S	1412104.5E
PODWG	381500.0S	1411217.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
PODWH	381902.8S	1413113.8E	PQQSH	312358.0S	1525310.3E	PUNOT	113902.0S	1332254.0E
PODWI	381937.3S	1411443.6E	PQQSI	313516.7S	1524537.1E	PUPEB	142317.2S	1461434.2E
POKIP	290218.0S	1140118.0E	PR2WD	202548.0S	1481841.0E	PUPIT	120000.0S	1150900.0E
POKIT	355842.4S	1465701.3E	PR2WE	202002.6S	1481851.1E	PUPIV	134517.2S	1260855.3E
POKOP	352847.2S	1490930.8E	PR2WF	202601.3S	1482724.2E	PW2NA	305541.0S	1364448.6E
POKOS	203427.0S	1224027.4E	PR2WG	201813.3S	1482438.5E	PW2NC	305252.9S	1365037.8E
POLEV	265513.2S	1381009.3E	PR2WH	203123.7S	1483506.6E	PW2ND	305638.2S	1365540.8E
POLLI	354413.1S	1483555.3E	PR2WI	202302.0S	1482307.6E	PW2NF	310251.2S	1364927.2E
POLSO	354646.5S	1454150.7E	PR2WM	202900.5S	1483141.0E	PW2NH	311047.8S	1364809.8E
POLUM	200000.0S	0983248.1E	PRAWN	335750.7S	1512245.7E	PW2NI	305752.0S	1365002.6E
POLUP	313324.0S	1370830.0E	PS2NA	183734.1S	1462342.6E	PW2NM	310750.3S	1364851.8E
POLUX	311145.0S	1153306.6E	PS2NC	183310.7S	1462510.7E	PW2SB	312420.4S	1364654.4E
PONAN	242105.7S	1475145.4E	PS2ND	183259.5S	1463000.2E	PW2SE	312034.9S	1364150.2E
PONOD	274501.1S	1530828.5E	PS2NF	183933.9S	1463017.1E	PW2SF	311422.2S	1364805.4E
PONUX	244253.3S	1541607.0E	PS2NH	184256.4S	1462947.5E	PW2SH	310623.6S	1364902.1E
POODL	273112.9S	1532019.8E	PS2NI	183622.3S	1462743.9E	PW2SI	311921.3S	1364729.9E
POPET	351708.3S	1491904.0E	PS2NM	184245.5S	1463250.4E	PW2SJ	312132.2S	1365245.3E
POPEX	232628.1S	1504122.4E	PS2SE	184948.4S	1464423.0E	PW2SM	310923.1S	1364840.8E
POPLA	351336.0S	1481600.0E	PS2SF	184930.3S	1463912.4E	PZAND	312936.6S	1155356.7E
POREM	372908.5S	1445314.9E	PS2SG	185315.2S	1464409.5E	PZANE	312548.3S	1155858.3E
PORIV	290000.1S	1452347.7E	PS2SH	185053.7S	1463615.3E	PZANF	313545.7S	1160017.6E
POROB	193747.5S	1471417.0E	PS2SI	185122.6S	1464141.0E	PZANG	312832.8S	1160451.9E
POROR	133446.2S	0985847.8E	PS2SJ	185413.8S	1464040.3E	PZANI	313047.0S	1155937.9E
PORTS	380112.2S	1445413.7E	PS2SM	184737.4S	1463644.2E	PZANM	313902.9S	1160043.8E
POSAS	314432.4S	1151207.2E	PTNND	142445.9S	1321022.1E	QB002	333918.0S	1152514.1E
POSOD	032930.0S	0940954.0E	PTNNE	141910.4S	1321147.4E	QB003	333821.3S	1152629.3E
POSOX	101330.0S	1435536.0E	PTNNF	142644.6S	1321833.7E	QB004	333809.1S	1152709.9E
POSUM	310553.3S	1564700.5E	PTNNG	141833.7S	1321739.9E	QB005	333609.8S	1152840.6E
POTAD	345233.0S	1504925.2E	PTNNH	143247.9S	1322358.9E	QB006	333500.9S	1152832.9E
POTIP	214137.1S	1250758.5E	PTNNI	142257.5S	1321510.5E	QB007	333346.2S	1152824.5E
POTOV	272515.1S	1532105.0E	PTNNM	143043.9S	1322207.9E	QB203	334804.9S	1152430.7E
POTUM	291744.1S	1465916.2E	PTNSA	143748.9S	1323454.6E	QB204	334738.9S	1152840.7E
POTUS	344431.0S	1382812.0E	PTNSB	144324.5S	1323329.4E	QB205	334409.0S	1153342.2E
POVED	193340.9S	1470240.4E	PTNSC	144401.2S	1322736.3E	QB206	334326.3S	1153647.9E
POVIT	353330.8S	1621750.7E	PTNSF	143550.4S	1322642.5E	QB2ND	332801.0S	1152526.9E
POXAL	350733.2S	1382903.2E	PTNSH	142947.2S	1322117.1E	QB2NE	332704.3S	1153212.6E
POXID	421905.3S	1471533.7E	PTNSI	143937.4S	1323005.9E	QB2NF	333606.7S	1152703.4E
PPDND	201646.6S	1182459.7E	PU2NA	321906.4S	1373156.8E	QB2NG	333204.3S	1153535.4E
PPDNE	201109.3S	1182618.6E	PU2NC	321421.5S	1373545.7E	QB2NH	334415.2S	1152223.9E
PPDNF	201832.9S	1183330.2E	PU2ND	321546.5S	1374219.0E	QB2NI	333135.5S	1152938.2E
PPDNG	201023.8S	1183221.3E	PU2NF	322343.9S	1373956.2E	QB2SA	335427.2S	1152248.0E
PPDNH	202427.8S	1183915.7E	PU2NH	322529.8S	1374516.0E	QB2SB	335523.4S	1151600.0E
PPDNI	201451.1S	1182954.4E	PU2NI	321902.7S	1373750.8E	QB2SC	335022.9S	1151237.5E
PPDSA	202906.3S	1185035.2E	PU2NM	322825.0S	1374201.7E	QB2SF	334621.5S	1152111.6E
PPDSB	203443.7S	1184916.4E	PUBAP	361856.8S	1413844.2E	QB2SH	333808.4S	1152537.3E
PPDSC	203529.2S	1184312.8E	PUBAR	135812.8S	1052950.9E	QB2SI	335052.5S	1151835.9E
PPDSF	202720.3S	1184203.9E	PUBIV	272124.9S	1531954.9E	QB303	334516.7S	1151730.3E
PPDSH	202125.5S	1183618.1E	PUBOX	144424.0S	1413436.0E	QB304	334316.9S	1151527.7E
PPDSI	203102.0S	1184540.1E	PUDIN	185625.3S	1410932.7E	QB306	333642.5S	1151504.4E
PPFNA	343501.4S	1383957.2E	PUDUR	242355.0S	1462922.1E	QBC01	334509.3S	1152611.4E
PPFND	343928.0S	1384959.5E	PUDUS	320419.9S	1161041.8E	QBC02	334638.6S	1153611.4E
PPFNF	344310.2S	1384107.6E	PUDUT	325741.0S	1512823.9E	QBC03	334221.1S	1151911.0E
PPFNH	344644.3S	1383102.7E	PUGEL	194939.0S	1561328.1E	QBC04	333853.7S	1151756.5E
PPFNI	343845.4S	1384359.5E	PUGON	280739.2S	1520701.2E	QBC05	334006.0S	1152714.1E
PPPEA	203041.4S	1484742.0E	PUGUB	145908.9S	1293825.8E	QBC06	333620.6S	1152623.5E
PPPEB	203620.9S	1484849.5E	PUGUT	274302.1S	1315311.5E	QL2EA	263245.4S	1442936.7E
PPPEC	203916.6S	1484333.6E	PUKIM	384810.0S	1474308.1E	QL2EB	263741.3S	1443253.7E
PPPEF	203211.9S	1483907.2E	PULAX	164044.7S	1453413.1E	QL2EC	264209.4S	1442851.2E
PPPEH	202852.3S	1483121.9E	PULEB	203310.1S	1301957.8E	QL2EF	263658.4S	1442145.9E
PPPEI	203416.4S	1484358.3E	PULEX	273729.3S	1525926.8E	QL2EH	263623.5S	1441251.8E
PQQND	311140.2S	1525230.6E	PULOL	242716.2S	1364543.8E	QL2EI	263719.9S	1442719.8E
PQQNE	311240.2S	1530040.8E	PUMAK	240713.1S	1331942.3E	QL2WD	264021.0S	1440117.3E
PQQNF	312122.7S	1525453.7E	PUMED	320211.8S	1155613.1E	QL2WE	263524.1S	1435800.7E
PQQNG	311752.1S	1530332.6E	PUMET	225722.5S	1494052.9E	QL2WF	263608.7S	1440908.2E
PQQNH	312820.5S	1525015.2E	PUMIP	285120.8S	1532830.1E	QL2WG	263057.0S	1440203.2E
PQQNI	311701.5S	1525747.4E	PUMRY	323910.9S	1165930.0E	QL2WH	263643.8S	1441802.3E
PQQSA	313906.4S	1524924.0E	PUNED	234948.7S	1335651.9E	QL2WI	263546.5S	1440334.4E
PQQSB	313937.7S	1524242.3E	PUNEK	274055.0S	1531607.2E	QUIET	270636.0S	1530406.0E
PQQSC	313404.7S	1523732.5E	PUNIG	272643.6S	1530537.7E	RACEV	203030.8S	1411522.1E
PQQSF	313055.7S	1524831.6E	PUNIT	163751.4S	1445421.7E	RACHL	293209.3S	1500850.2E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
RADLA	345852.3S	1384705.5E	RBN02	271956.7S	1530421.7E	REBIR	211326.4S	1235713.8E
RAFFY	211520.0S	1193544.0E	RBN03	272451.2S	1530408.5E	REDOM	310704.5S	1144858.2E
RAINY	164200.0S	1453206.0E	RBN04	272723.1S	1530924.1E	REEFE	110000.0S	1431530.0E
RAKSO	340218.9S	1504129.7E	RBN05	272340.3S	1531109.7E	REEZA	285651.6S	1674256.4E
RANGU	315302.8S	1153033.1E	RBN06	272049.9S	1531237.0E	REGIN	190908.8S	1471115.4E
RAPLY	175858.9S	1222122.9E	RBN07	272623.3S	1531052.3E	REGOM	280545.1S	1532743.8E
RARIE	255206.0S	1173318.0E	RBN08	271616.2S	1530712.2E	REKAK	415715.2S	1471837.9E
RARTI	203000.0S	1343749.2E	RBN09	272139.4S	1530207.2E	RELEM	231256.2S	1500916.5E
RAS01	234903.9S	1335108.4E	RC2EA	365251.6S	1405759.1E	RELEP	361000.4S	1420507.0E
RAS02	234915.6S	1335236.3E	RC2EB	365711.2S	1410241.2E	RELOK	122525.5S	1303843.2E
RAS03	235757.4S	1335047.3E	RC2EC	370212.9S	1405913.7E	REMOR	265322.2S	1525050.6E
RAS04	240201.9S	1334956.1E	RC2EF	365814.7S	1405016.7E	REMOT	383530.9S	1473249.0E
RAS05	240356.9S	1335706.3E	RC2EH	365904.6S	1404020.9E	RENAK	215849.0S	1431941.0E
RAS08	235105.3S	1340924.4E	RC2EI	365743.1S	1405629.0E	RENAM	335204.5S	1511001.7E
RAS09	234856.0S	1334631.1E	RC2EM	365846.0S	1404404.4E	RENED	340356.3S	1405259.3E
RAS10	234427.5S	1335403.8E	RC2WD	370444.4S	1402906.2E	RENEE	340732.9S	1405820.9E
RAS11	234149.6S	1334527.7E	RC2WE	370023.9S	1402424.7E	RENEF	341018.9S	1404646.1E
RAS12	233957.4S	1333922.2E	RC2WF	365922.1S	1403649.8E	RENEG	341259.3S	1405605.9E
RAS13	234507.4S	1335614.5E	RC2WG	365522.8S	1402753.6E	RENEH	341230.9S	1403729.7E
RAS14	234933.3S	1335232.6E	RC2WH	365826.3S	1404800.1E	RENEI	340856.0S	1405233.6E
RAS15	232818.3S	1340226.9E	RC2WI	365953.0S	1403037.3E	RENEL	304519.1S	1340636.7E
RAS22	234852.6S	1335047.5E	RCB01	350904.7S	1490503.6E	RENEM	341141.5S	1404058.4E
RAS23	234545.4S	1335246.3E	RCB02	351225.7S	1491852.1E	RENER	374219.9S	1444347.9E
RAS24	233142.4S	1335516.1E	RCB03	350945.2S	1490749.9E	RENWA	341949.9S	1402713.7E
RAS25	233920.6S	1334830.0E	RCB04	352058.2S	1490645.8E	RENWB	341611.9S	1402151.2E
RAS26	233456.7S	1335918.2E	RCB05	350809.9S	1492237.4E	RENWC	341046.7S	1402407.4E
RAS27	235024.9S	1340358.3E	RCB06	351205.1S	1490907.4E	RENWF	341328.1S	1403327.7E
RAS29	240051.4S	1335208.4E	RCB07	352343.1S	1491558.9E	RENWH	341116.4S	1404244.2E
RAS30	234946.0S	1335115.2E	RCB26	351456.1S	1491344.5E	RENWI	341450.1S	1402739.5E
RAS32	235401.8S	1335747.6E	RCB41	352058.2S	1490836.7E	RENWM	341205.9S	1403915.6E
RAS33	234655.3S	1340217.9E	RCB51	353022.3S	1490518.1E	REPAN	032853.3S	0765335.2E
RAS34	234533.7S	1341835.3E	RCB55	352334.6S	1491339.6E	REPOB	313408.5S	1484104.0E
RAS35	231945.6S	1340038.0E	RCB58	352730.5S	1491725.9E	REPOK	313539.4S	1163151.2E
RAS38	235753.4S	1340525.9E	RCB60	352321.2S	1491647.1E	REPUD	354650.9S	1580455.3E
RAS39	240118.4S	1341628.0E	RCB63	345659.5S	1490859.2E	REPUX	271542.8S	1525221.0E
RAS40	235440.3S	1335505.4E	RCB64	351223.8S	1490619.6E	RERAB	430000.0S	0750000.0E
RAS42	234533.0S	1341338.2E	RCB66	351104.0S	1491811.3E	RETEP	282956.4S	1350039.5E
RAS43	232950.9S	1341047.6E	RCB69	350812.7S	1491032.8E	REVGU	331001.9S	1513716.2E
RAS44	235730.0S	1341541.2E	RCB72	350406.6S	1492209.2E	REVKI	335418.9S	1495634.2E
RAS45	234600.2S	1340035.2E	RCB76	352405.5S	1490620.9E	RHB10	424406.1S	1473032.9E
RAS46	234443.0S	1341335.8E	RCB81	351557.5S	1491435.9E	RHB20	425024.0S	1473644.5E
RAS47	231524.4S	1340339.7E	RCB82	351209.1S	1491016.3E	RHM01	202020.3S	1485418.9E
RAS48	235808.3S	1335253.3E	RCB83	350912.5S	1491759.9E	RHM02	201342.8S	1485334.1E
RAS49	240130.6S	1335833.2E	RCB85	352153.5S	1490913.3E	RHM04	202600.6S	1485653.2E
RAS50	232955.4S	1333926.2E	RCB88	352635.5S	1493007.9E	RHM05	203052.4S	1490318.3E
RAS54	240428.7S	1340504.1E	RCB89	352342.5S	1491432.4E	RHM06	201506.0S	1485520.7E
RAS55	240250.3S	1342031.0E	RCG07	281451.5S	1532521.1E	RHM07	203011.0S	1490727.1E
RAS56	234212.0S	1345739.7E	RCG08	281510.6S	1532948.2E	RHM08	202446.1S	1490305.9E
RAS57	240111.9S	1334247.8E	RCG09	281237.8S	1533830.6E	RHM09	200558.8S	1484803.0E
RASHI	381411.8S	1472519.1E	RCG10	282811.4S	1533456.5E	RHM10	203443.7S	1490105.0E
RASKY	205047.1S	1231224.1E	RCG12	281352.1S	1533220.4E	RIBLI	422824.0S	1470042.0E
RAV08	380358.0S	1442750.9E	RCG23	280802.1S	1533108.7E	RIBLU	313134.2S	1564330.1E
RAV09	380624.3S	1443006.3E	RD2ED	285545.3S	1223649.8E	RIBNU	122039.1S	1303815.6E
RAV10	380618.4S	1443014.5E	RD2EE	285812.0S	1224245.1E	RIDLE	354518.0S	1280000.0E
RAYNA	343812.1S	1383622.3E	RD2EF	290311.3S	1223251.2E	RIDMA	351208.9S	1383041.9E
RB2EA	374010.5S	1485154.5E	RD2EG	290355.8S	1224209.9E	RIDVO	284923.1S	1531526.8E
RB2EB	374517.0S	1485743.7E	RD2EH	290710.2S	1222455.4E	RIGBO	274436.0S	1332736.0E
RB2EC	375029.2S	1485305.8E	RD2EI	290041.8S	1223748.2E	RIGMI	321205.0S	1630000.0E
RB2EF	374639.2S	1484357.8E	RD2WA	291606.8S	1221753.4E	RIGTU	255100.0S	1483300.0E
RB2EH	374738.7S	1483357.0E	RD2WB	291339.0S	1221157.7E	RIKNI	340455.6S	1523355.8E
RB2EI	374601.8S	1485013.3E	RD2WC	290755.4S	1221234.6E	RIKTU	342418.5S	1401315.3E
RB2EM	374716.5S	1483742.3E	RD2WF	290841.3S	1222153.6E	RIKUS	380132.0S	1465343.0E
RB2WD	375335.1S	1482145.1E	RD2WH	290442.6S	1222949.7E	RIKVA	204217.9S	1470840.1E
RB2WE	374926.6S	1481538.8E	RD2WI	291110.2S	1221655.8E	RIKVI	350147.9S	1381414.9E
RB2WF	374805.4S	1482925.4E	RDN13	122432.2S	1305946.3E	RILGO	264225.3S	1493525.8E
RB2WG	374321.4S	1481943.0E	RDN14	123214.5S	1304451.3E	RILVO	200644.1S	1402351.7E
RB2WH	374706.1S	1483926.3E	RDN17	122020.8S	1304718.2E	RIMSU	373608.6S	1462805.2E
RB2WI	374842.3S	1482309.7E	RDN22	122938.9S	1305913.4E	RINKI	272808.2S	1531935.5E
RB2WM	374728.5S	1483541.0E	RDN23	122505.7S	1304538.8E	RINLA	134029.9S	1341727.9E
RBN01	272524.8S	1530142.7E	REBEG	255829.4S	1530646.0E	RIPMA	253658.5S	1184351.6E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
RIPMI	121110.0S	1304325.0E	RML56	374518.0S	1450117.2E	RTIEA	315640.0S	1154258.7E
RIPMO	374215.5S	1442941.6E	RML57	374411.3S	1444115.0E	RTIEB	320026.6S	1154452.2E
RIPNA	140000.0S	1582500.0E	RML59	374759.3S	1444837.3E	RTIEC	320412.0S	1154255.4E
RIRBO	274944.4S	1524746.0E	RML60	374715.7S	1445447.5E	RTIEF	320024.0S	1153638.3E
RIRSA	264654.0S	1480648.0E	RML62	374821.7S	1444525.9E	RTIEH	320021.3S	1152824.4E
RISMI	070755.2S	0872005.7E	RML63	373121.0S	1445459.3E	RTIEI	320025.5S	1154120.5E
RITVU	271802.8S	1525852.7E	ROCEL	374517.2S	1450109.8E	RTIEM	320022.9S	1153306.6E
RIVET	341650.7S	1502549.1E	ROESA	380000.7S	1471917.9E	RTIWD	320459.7S	1151809.1E
RIVGO	350335.6S	1391248.2E	ROGGS	350340.9S	1385420.7E	RTIWE	320015.5S	1151419.8E
RIVTO	122039.8S	1304021.0E	ROGUE	343548.2S	1380526.6E	RTIWF	320020.5S	1152605.4E
RIXON	325728.2S	1520510.8E	ROKDL	373528.3S	1444922.4E	RTIWG	315534.8S	1151814.8E
RKA01	204625.9S	1163421.0E	ROKUU	281103.3S	1494007.6E	RTIWH	320304.6S	1152851.3E
RKA02	204804.9S	1163913.0E	ROLFE	171300.1S	1460953.6E	RTIWI	320018.1S	1152012.6E
RKA06	204607.7S	1165526.6E	ROLOB	314734.6S	1161454.2E	RTL05	191631.5S	1464152.5E
RKA07	204510.2S	1165234.1E	ROMND	261932.5S	1484411.3E	RTL07	192444.7S	1464925.8E
RKA08	204523.1S	1165517.4E	ROMNE	261715.5S	1485002.7E	RTL14	191526.8S	1465847.7E
RKA09	203941.0S	1165155.0E	ROMNF	262704.9S	1484748.5E	RTL15	192513.5S	1464719.2E
RKA10	204624.4S	1164045.3E	ROMNG	262126.1S	1485426.0E	RTL20	191708.8S	1464834.9E
RKA11	204606.9S	1164101.7E	ROMNH	263456.5S	1484600.8E	RTL21	192719.3S	1464605.6E
RKA12	205302.7S	1163430.7E	ROMNI	262210.2S	1484855.7E	RTL22	191907.9S	1465651.5E
RKA14	205145.4S	1165400.3E	ROMPA	362700.0S	1313000.0E	RTL24	192329.3S	1464738.1E
RKA15	205603.5S	1163616.4E	ROMSA	264546.5S	1484853.6E	RTL39	191916.9S	1465535.5E
RKA16	205543.2S	1164818.8E	ROMSB	264803.4S	1484300.7E	RTL63	191413.1S	1465913.1E
RKG01	304747.1S	1212029.8E	ROMSC	264352.5S	1483836.8E	RTL67	191308.4S	1464917.5E
RKG02	304718.9S	1211443.0E	ROMSF	263814.1S	1484515.6E	RTL69	191648.1S	1464147.7E
RKG03	304922.1S	1211846.0E	ROMSH	263022.5S	1484703.4E	RTL78	192332.1S	1464704.8E
RKG04	305405.3S	1213325.9E	ROMSI	264308.8S	1484408.2E	RTL79	191316.7S	1464937.1E
RKG05	305438.2S	1211641.5E	RONAN	315215.7S	1163507.1E	RTL83	191502.6S	1465845.3E
RKG06	305137.8S	1213325.3E	ROOKI	105649.7S	1391216.3E	RTL89	192510.0S	1464806.1E
RKG07	305226.5S	1213257.9E	ROONY	283132.6S	1533614.4E	RTL95	192310.8S	1464340.1E
RKG08	305409.2S	1211508.8E	ROTTO	131218.8S	1251433.7E	RUDEY	272309.3S	1522326.7E
RM604	175825.3S	1221916.3E	ROYAL	352747.2S	1490947.1E	RUFLE	370154.0S	1350000.0E
RM606	175514.6S	1220719.5E	RP2NE	310410.5S	1373049.3E	RUGBO	292049.1S	1165656.0E
RM620	180447.3S	1221941.9E	RP2NF	311353.5S	1372757.8E	RUGMU	233958.6S	1333834.3E
RM624	180440.6S	1222253.7E	RP2NG	311015.7S	1373502.6E	RUKNA	340806.0S	1381430.5E
RM630	180116.9S	1222410.0E	RP2NH	312158.8S	1372534.5E	RUKNO	271859.0S	1524954.0E
RM634	180338.1S	1222622.2E	RP2NI	310902.0S	1372923.6E	RUKSI	182609.4S	1334448.5E
RM638	180413.7S	1221735.2E	RP2SA	312913.5S	1372927.7E	RULUN	265408.2S	1532929.2E
RM640	180351.4S	1222008.3E	RP2SB	313251.0S	1372221.2E	RULVI	275013.3S	1171155.2E
RM642	180700.8S	1222145.4E	RP2SF	312308.2S	1372513.9E	RUMAK	315614.6S	1160658.7E
RM646	180851.8S	1223505.9E	RP2SH	311502.8S	1372737.3E	RUMES	361116.6S	1470427.4E
RMA01	204135.4S	1395152.1E	RP2SI	312759.6S	1372347.7E	RUMGI	154530.6S	1432411.7E
RMA02	203514.4S	1393244.0E	RPD02	203808.0S	1184234.3E	RUMIE	361947.3S	1474342.5E
RMA04	203724.8S	1393126.7E	RPD03	202951.3S	1183844.0E	RUMIX	270737.0S	1630000.0E
RMA05	210017.2S	1393913.5E	RPD04	202425.2S	1184500.3E	RUMKA	174712.5S	1464939.3E
RMA06	204442.5S	1393446.3E	RPD05	202215.7S	1185638.3E	RUMRO	273745.6S	1530349.4E
RMA07	203235.7S	1392546.0E	RPD06	202114.9S	1190204.3E	RUMUM	424424.6S	1474344.4E
RMA08	204826.1S	1392620.9E	RPD07	202529.0S	1184646.0E	RUNAG	423447.8S	1473647.9E
RMA09	203142.3S	1392659.2E	RPD08	201417.3S	1183551.4E	RUNDA	345636.0S	1462324.0E
RMDEA	203916.8S	1432038.9E	RPD09	203417.6S	1182115.3E	RUNIV	304447.3S	1211917.1E
RMDEB	204426.1S	1432321.8E	RPD10	205242.8S	1182346.4E	RUNLA	221600.0S	1501124.0E
RMDEC	204836.3S	1431908.2E	RPD11	202127.7S	1183033.6E	RUNNA	331551.6S	1504717.5E
RMDEF	204255.8S	1431248.9E	RPD12	201602.0S	1183649.9E	RUNOD	360925.0S	1630000.0E
RMDEH	204143.2S	1430422.8E	RPD13	195922.9S	1184527.6E	RUNRO	322718.0S	1435636.0E
RMDEI	204341.0S	1431805.3E	RPD14	200758.1S	1184941.3E	RUNRU	245830.7S	1305851.3E
RMDEM	204210.5S	1430732.6E	RPD15	201656.1S	1183621.9E	RUNUT	134937.3S	0912250.0E
RMDWD	204451.0S	1425300.2E	RPD16	202842.1S	1190328.8E	RUPEG	124257.0S	1321346.0E
RMDWE	203941.0S	1425017.6E	RRM01	175808.7S	1220628.8E	RUPEL	344540.1S	1381116.9E
RMDWF	204112.6S	1430050.0E	RRM02	181353.0S	1220153.4E	RUPEM	335322.1S	1493452.1E
RMDWG	203531.6S	1425431.0E	RRM04	181116.6S	1221532.4E	RUPIK	342754.0S	1384812.0E
RMDWH	204225.4S	1430916.1E	RRM07	180119.5S	1221825.7E	RUPOD	383356.3S	1461618.4E
RMDWI	204026.9S	1425533.8E	RRM08	180144.6S	1222545.9E	RUPUS	211925.3S	1332729.1E
RMDWM	204158.1S	1430606.3E	RRM09	180218.7S	1223553.2E	RURAP	244145.6S	1312224.0E
RML01	373501.9S	1445328.4E	RRM10	181832.7S	1223218.1E	RURLA	360136.0S	1464329.4E
RML02	373525.4S	1445339.3E	RRM11	183049.9S	1220950.6E	ROX	242938.9S	1503411.6E
RML50	374227.8S	1444235.9E	RRM12	180257.0S	1222013.9E	RURTO	192429.6S	1470046.2E
RML51	373637.8S	1444308.7E	RRM13	181137.1S	1222523.0E	RUSAD	304909.8S	1334023.3E
RML52	373512.5S	1445926.3E	RRM14	175912.2S	1222903.7E	RUSIP	273502.3S	1531923.7E
RML54	373726.4S	1445821.6E	RRM15	180153.1S	1222032.4E	RUSIR	375747.4S	1470051.1E
RML55	373742.3S	1445912.8E	RSU10	263007.8S	1530431.4E	RUSKA	124434.6S	1320036.1E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
RUSOM	314151.0S	1155258.2E	SAMSN	271918.0S	1525242.0E	SF2WI	205526.3S	1494104.8E
RUSVA	272541.0S	1525349.0E	SAMVI	272220.1S	1524437.4E	SF2WM	204600.6S	1495713.2E
RUTAT	272625.6S	1531503.7E	SANAD	312311.0S	1512444.6E	SGEEA	280516.8S	1485030.1E
RUTAX	270907.0S	1530123.2E	SANDR	373306.0S	1450036.0E	SGEEB	281100.5S	1485100.6E
RUTED	185638.5S	1464358.4E	SANEG	274904.2S	1530238.3E	SGEEC	281323.6S	1484505.7E
RUTMO	330043.5S	1365042.6E	SANEM	374342.8S	1445946.0E	SGEEF	280555.2S	1484115.8E
RUTOS	331447.6S	1504018.8E	SANOX	251035.3S	1470644.9E	SGEEH	280150.4S	1483328.6E
RUTRS	181040.3S	1222936.1E	SAPAN	360501.6S	1465211.2E	SGEEI	280827.9S	1484608.1E
RUVAL	211141.3S	1484655.5E	SAPDA	120000.0S	1112536.0E	SGEEM	280322.2S	1483623.7E
RUVOT	162955.1S	1454442.6E	SAPED	312107.3S	1410025.7E	SGEWD	280045.1S	1482059.0E
RUVTI	122147.5S	0992827.9E	SAPIT	350539.4S	1492125.9E	SGEWE	275500.7S	1482029.5E
RUVUS	361238.6S	1393108.0E	SAPKO	312903.4S	1162440.1E	SGEWF	280007.4S	1483012.4E
RUXIB	301436.9S	1472607.8E	SAPNO	290000.0S	1461047.3E	SGEWG	275238.4S	1482623.0E
RWN01	233133.6S	1194537.5E	SAPUG	315739.8S	1161236.9E	SGEWH	280412.3S	1483759.3E
RWN02	232537.9S	1193838.3E	SARAG	344543.1S	1383740.4E	SGEWI	275734.2S	1482520.8E
RWN03	232430.4S	1194026.3E	SARAP	325506.8S	1630000.0E	SGEWM	280240.6S	1483504.1E
RWN05	231622.6S	1195324.4E	SARGA	191415.1S	1463028.1E	SHAWN	234423.7S	1340351.9E
RWN06	232542.5S	1195555.6E	SARIG	231132.1S	1183333.6E	SHAZA	333939.7S	1520054.3E
RWN07	231819.9S	1195157.2E	SARIK	220032.4S	1414545.5E	SHEED	374350.9S	1445452.8E
RWN08	231752.7S	1195009.7E	SARIS	290744.9S	1680550.2E	SHIKO	265624.0S	1500700.0E
RWN09	234203.5S	1193955.6E	SAROK	262339.3S	1290424.8E	SHINN	191042.0S	1401718.0E
RWN10	232816.9S	1194312.7E	SARRE	122856.7S	1310500.4E	SHNAB	272445.6S	1523603.0E
RWN11	232506.1S	1194304.8E	SARUS	233736.2S	1503507.2E	SHTNA	361240.3S	1452034.8E
RWW01	273154.0S	1514120.3E	SASMO	193938.5S	1464755.1E	SHTNC	361017.7S	1452701.8E
RWW02	273901.1S	1514501.5E	SASRO	383451.0S	1630000.0E	SHTND	361423.5S	1453159.9E
SA2WA	203606.0S	1170237.4E	SATCO	192748.0S	1464006.0E	SHTNF	362008.4S	1452446.2E
SA2WB	203220.6S	1170348.8E	SATNA	110412.0S	1243412.0E	SHTNH	362535.9S	1451548.5E
SA2WF	203636.8S	1171018.9E	SATPA	272858.7S	1403753.3E	SHTNI	361513.0S	1452554.1E
SA2WI	203451.3S	1170534.7E	SAVER	273110.7S	1540335.7E	SHTNM	362503.7S	1452338.3E
SA2WM	203323.2S	1171437.0E	SB2WB	334912.8S	1504822.9E	SHTNT	362801.0S	1452257.5E
SABAX	381746.5S	1470623.8E	SB2WF	335305.3S	1505430.5E	SHUTL	323944.4S	1520458.8E
SABEK	020833.0S	0775337.0E	SB2WH	335103.6S	1505729.8E	SHYNN	283347.5S	1151540.3E
SABTI	242216.7S	1271926.3E	SB2WI	335126.6S	1505047.8E	SI2EA	092713.9S	1424952.1E
SABTO	312538.4S	1155800.0E	SB2WM	335443.8S	1505813.4E	SI2EB	093257.5S	1424913.6E
SABUR	224810.0S	1484218.0E	SC2WA	341235.8S	1503057.0E	SI2EC	093419.1S	1424335.1E
SADAK	344701.0S	1390851.0E	SC2WB	341010.4S	1502441.0E	SI2EF	092619.2S	1424137.9E
SADAR	121340.3S	1303148.2E	SC2WC	340427.0S	1502517.0E	SI2EH	092656.3S	1423702.2E
SADEL	250224.0S	1342300.0E	SC2WF	340509.4S	1503506.4E	SI2EI	092938.4S	1424525.7E
SADID	210633.5S	1491750.7E	SC2WH	341109.7S	1503759.5E	SI2EM	092300.0S	1423750.1E
SADLO	324717.0S	1505749.5E	SC2WI	340740.0S	1502953.8E	SIFRA	294804.9S	1561224.6E
SADMI	345942.2S	1382101.0E	SC2WM	340238.8S	1504018.2E	SILVN	342737.3S	1401445.0E
SADOL	320857.8S	1154547.0E	SCARP	320948.0S	1160300.0E	SIMAS	201428.2S	1431736.6E
SADUD	133328.8S	1065734.3E	SCATZ	323918.0S	1501518.0E	SIMOS	264348.0S	1530418.0E
SAFIR	192200.0S	1203430.0E	SCHEE	225906.2S	1285206.2E	SINAM	260000.0S	1062905.8E
SAGAR	320200.5S	1155438.9E	SCOEA	320838.0S	1510704.6E	SINNK	271239.2S	1531340.0E
SAGIR	354158.0S	1483332.8E	SCOEB	321420.6S	1510618.3E	SKIPA	265423.5S	1262207.1E
SAGLI	261816.0S	1525259.0E	SCOEC	321540.5S	1505943.6E	SL2ED	370452.1S	1430013.4E
SAGNO	215832.4S	1145830.8E	SCOEF	320701.5S	1505636.9E	SL2EE	371031.0S	1430131.3E
SAGTA	271904.6S	1525850.3E	SCOEH	321000.8S	1505033.7E	SL2EF	370620.8S	1425009.1E
SAILA	280631.0S	1533547.0E	SCOEI	321101.1S	1510153.8E	SL2EG	371325.5S	1425519.9E
SAKAB	143100.0S	1025800.0E	SCOEM	320301.7S	1505120.4E	SL2EH	370259.8S	1424104.1E
SAKAP	264136.9S	1531745.4E	SCOTT	275206.0S	1534800.0E	SL2EI	370826.0S	1425550.0E
SAKBI	350558.3S	1591141.2E	SCUBY	160542.0S	1295412.0E	SL2WA	370317.2S	1422752.1E
SAKBO	271655.5S	1530952.2E	SCULN	350338.3S	1485326.6E	SL2WB	365737.9S	1422636.8E
SAKEG	081016.8S	0852003.6E	SEBLU	392615.0S	1463341.0E	SL2WC	365444.9S	1423248.1E
SAKEN	120540.0S	1345336.0E	SEBVA	261723.5S	1523901.9E	SL2WF	370150.4S	1423756.5E
SAKOM	313929.9S	1152104.2E	SEBVI	351024.2S	1492937.0E	SL2WH	370511.6S	1424701.2E
SAKUT	425141.6S	1474621.2E	SEDNI	143237.7S	1323236.4E	SL2WI	365944.3S	1423216.5E
SALEL	273818.5S	1532340.1E	SEDRA	333553.0S	1374337.4E	SLASH	222300.0S	1444954.0E
SALGA	272210.8S	1532424.4E	SEEKR	235713.7S	1335807.1E	SLICK	352755.6S	1492536.8E
SALLY	372612.0S	1445500.0E	SEEMO	305220.7S	1255215.9E	SLOAN	354919.1S	1533558.2E
SALOT	344755.8S	1365725.0E	SEKRI	331415.7S	1380539.6E	SM2ED	220743.9S	1180435.8E
SALOX	193200.0S	1463100.0E	SEKRU	220500.0S	1135200.0E	SM2EE	221124.0S	1180921.5E
SALRI	354852.5S	1435233.0E	SEMAJ	284036.0S	1535342.0E	SM2EF	221403.8S	1175857.9E
SALUS	324749.4S	1514959.5E	SEMBU	190500.0S	1462100.0E	SM2EG	221649.5S	1180717.1E
SAMIG	375542.0S	1444518.0E	SEMGO	161625.8S	1222545.6E	SM2EH	221611.2S	1175038.7E
SAMIN	321820.5S	1374300.5E	SEVSI	305059.7S	1233737.0E	SM2EI	221244.0S	1180409.8E
SAMLA	313743.2S	1155059.4E	SF2WA	205804.9S	1493632.4E	SM2EM	221523.5S	1175346.0E
SAMOR	132119.3S	1414321.1E	SF2WC	205942.1S	1494353.8E	SM2WA	221213.7S	1173507.5E
SAMOT	285924.3S	1675046.3E	SF2WF	205247.5S	1494537.0E	SM2WB	221719.4S	1173214.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
SM2WC	222135.2S	1173624.1E	SORTI	314915.5S	1515245.0E	SSYWM	335637.5S	1510949.0E
SM2WF	221603.4S	1174256.4E	SORTU	320954.0S	1203854.0E	ST2EA	310947.0S	1510511.7E
SM2WH	221606.8S	1175337.7E	SORVA	273230.0S	1530910.2E	ST2EB	311528.4S	1510417.4E
SM2WI	221641.5S	1173735.4E	SORVI	423528.0S	1472750.3E	ST2EC	311641.3S	1505744.5E
SM2WM	221525.2S	1174817.3E	SOSIJ	341020.2S	1511405.2E	ST2EF	310839.9S	1505544.0E
SMALL	281145.8S	1533133.2E	SOSTU	253110.9S	1524235.8E	ST2EH	310312.7S	1504854.2E
SMHNA	223202.8S	1502930.2E	SOTKI	335040.7S	1551107.6E	ST2EI	311204.3S	1510000.5E
SMHNF	224009.0S	1503552.7E	SOTMI	265530.0S	1351012.0E	ST2EM	310515.5S	1505127.8E
SMHNH	225825.1S	1505018.5E	SOVMU	264754.0S	1205730.3E	ST2WD	305932.4S	1503617.3E
SMHNI	223605.9S	1503241.4E	SOVRO	104942.0S	1405728.3E	ST2WE	305350.4S	1503712.7E
SMHNM	224412.0S	1503904.2E	SOVRU	363206.0S	1475042.0E	ST2WF	310040.2S	1504543.4E
SMIFF	420930.8S	1563847.5E	SP2WD	284139.4S	1514434.1E	ST2WG	305238.3S	1504343.4E
SMOKA	265232.7S	1523755.8E	SP2WE	283652.6S	1514056.5E	ST2WH	310607.5S	1505232.9E
SNBSA	112919.1S	1305141.3E	SP2WF	283705.1S	1515218.1E	ST2WI	305715.4S	1504127.9E
SNBSB	113503.8S	1305114.3E	SP2WG	283214.2S	1514447.3E	ST2WM	310404.8S	1504959.3E
SNBSC	113636.6S	1304536.6E	SP2WH	283715.0S	1520123.4E	STANG	311337.2S	1153945.6E
SNBSF	112841.0S	1304322.3E	SP2WI	283658.9S	1514637.3E	STEVO	374730.0S	1444612.0E
SNBSH	112334.6S	1303704.9E	SP2WM	283711.4S	1515758.9E	STHEA	412654.1S	1483249.0E
SNBSI	113152.4S	1304718.3E	SPARK	285415.4S	1534041.8E	STHEB	412247.8S	1483809.9E
SNBSM	112529.6S	1303926.4E	SPEER	273617.1S	1315530.5E	STHEC	411737.7S	1483453.1E
SNELY	383423.0S	1502217.0E	SPENA	341541.5S	1365426.8E	STHEF	412109.6S	1482503.7E
SNFSA	290845.3S	1674526.5E	SPITY	310433.0S	1160030.0E	STHEH	411623.2S	1482306.0E
SNFSF	290605.8S	1675016.9E	SPODD	384927.5S	1414745.2E	STHEI	412158.9S	1483136.7E
SNFSH	290407.9S	1680046.2E	SPOTA	340431.4S	1374436.7E	STHEM	412019.9S	1481830.9E
SNFSM	290326.4S	1675507.2E	SPUDO	314927.9S	1161113.3E	STHWD	412250.6S	1475749.5E
SNFWF	285931.2S	1675058.6E	SQCNA	310751.7S	1190726.1E	STHWE	411742.1S	1475426.5E
SNFWH	290348.0S	1675841.7E	SQCNC	310216.2S	1190859.2E	STHWF	411912.0S	1480733.7E
SNICK	123442.0S	1314436.0E	SQCND	310136.5S	1191537.1E	STHWG	411332.8S	1475941.3E
SNOOD	150930.2S	1342307.3E	SQCNF	310956.2S	1191654.1E	STHWH	412050.6S	1482200.0E
SNWEE	345356.7S	1504504.7E	SQCNH	311545.1S	1192255.5E	STHWI	411827.1S	1480100.1E
SNWEF	345717.4S	1503813.1E	SQCNI	310601.1S	1191251.1E	STHWM	412014.9S	1481644.9E
SNWEG	345754.0S	1504755.4E	SQCNM	311330.4S	1192035.8E	STILE	331154.0S	1215036.0E
SNWEH	345645.0S	1502939.4E	SQCSE	312009.6S	1193451.0E	STIMP	280630.0S	1533439.0E
SNWEI	345735.7S	1504304.2E	SQCSF	311816.4S	1192532.4E	STIRL	350346.5S	1384445.2E
SNWEJ	350127.2S	1504422.8E	SQCSG	312545.3S	1193318.7E	STOES	132654.9S	1314704.5E
SNWEM	345659.1S	1503322.0E	SQCSH	311132.2S	1191833.4E	SU430	262712.5S	1530343.3E
SNWNA	344631.1S	1503810.3E	SQCSI	312200.8S	1192925.5E	SU440	263158.0S	1530152.5E
SNWNC	344716.6S	1504338.7E	SQCSJ	312625.5S	1192639.1E	SU450	263722.6S	1530631.0E
SNWND	345147.6S	1504440.5E	SQCSM	311431.9S	1192139.5E	SU460	264033.2S	1530914.8E
SNWNF	345300.4S	1503651.0E	SR2NA	415518.1S	1451133.1E	SU615	263146.1S	1531859.7E
SNWNH	345801.0S	1503053.8E	SR2NC	415151.4S	1452206.7E	SU625	263858.4S	1531629.0E
SNWNI	345008.4S	1504014.8E	SR2ND	415804.9S	1453004.4E	SU630	264022.2S	1531156.4E
SNWNM	345552.2S	1503326.9E	SR2NF	420407.1S	1451848.5E	SU640	263950.6S	1530928.8E
SNWSF	350041.7S	1502839.3E	SR2NH	421158.0S	1451641.2E	SU650	263851.9S	1530747.7E
SNWSH	345503.2S	1503342.5E	SR2NI	415912.8S	1452007.9E	SU660	263347.8S	1530326.6E
SNWSI	350355.1S	1502545.8E	SR2SE	422353.7S	1452427.0E	SU931	263432.5S	1531447.6E
SNWSK	350715.3S	1502827.4E	SR2SF	421434.4S	1451559.0E	SU932	263712.5S	1531010.8E
SNWSL	350708.4S	1502252.0E	SR2SG	422422.8S	1451319.2E	SUBUM	374842.0S	1350000.0E
SNWSM	345728.3S	1503132.7E	SR2SH	420643.6S	1451806.2E	SUDAG	115358.1S	1301433.7E
SNWSN	350245.9S	1502105.8E	SR2SI	421928.6S	1451439.2E	SUDLU	123806.8S	1304609.5E
SNZEC	290758.7S	1680828.2E	SR2SJ	422013.5S	1450759.3E	SUGAB	284629.0S	1191312.2E
SNZEF	290532.3S	1680250.3E	SRIEA	333618.1S	1505915.8E	SUGUR	273041.2S	1531853.0E
SNZEH	290233.7S	1675238.4E	SRIEB	334202.7S	1505708.4E	SUKBU	192907.9S	1470706.3E
SNZEM	290332.6S	1675814.0E	SRIEF	333759.6S	1505337.4E	SUKTU	290506.8S	1510446.3E
SO2SA	203336.6S	1163738.9E	SRIEH	332930.2S	1504754.1E	SULDA	364021.3S	1474957.4E
SO2SB	203243.6S	1163523.2E	SRIEI	333910.4S	1505812.2E	SULDO	273521.5S	1525419.0E
SO2SC	203035.9S	1163427.1E	SRIEM	333631.0S	1504754.1E	SULMI	281317.5S	1492314.9E
SO2SF	202838.9S	1163943.1E	SSYEF	335457.8S	1511651.3E	SULON	395131.0S	1630000.0E
SO2SI	203035.9S	1163738.9E	SSYEH	335705.1S	1510751.9E	SULTU	200439.1S	1452555.0E
SO2SM	202449.3S	1164346.7E	SSYEM	335616.0S	1511120.1E	SUMPA	163142.5S	1164001.7E
SOAPY	371157.6S	1443548.0E	SSYNF	335122.9S	1510951.2E	SUMRU	380012.1S	1443515.2E
SOCAR	131317.3S	1331956.9E	SSYNH	340217.5S	1511659.4E	SUMSA	331235.4S	1514537.0E
SOFAL	330006.0S	1494624.0E	SSYNI	334925.4S	1510920.7E	SUMUP	324400.0S	1372100.0E
SOLIH	024844.0S	0772337.0E	SSYNM	335705.9S	1511119.8E	SUNAL	331428.3S	1375942.6E
SOLIT	235500.0S	0750000.0E	SSYSF	340456.3S	1511322.4E	SUNEK	422359.1S	1473933.9E
SOLLI	202958.3S	1311545.3E	SSYSH	335350.8S	1511632.6E	SUNIL	165600.0S	1275354.0E
SOLUS	322854.1S	1161641.3E	SSYSM	335814.8S	1511137.7E	SUNIX	141116.3S	1345526.0E
SOOTY	272430.6S	1523644.4E	SSYST	335617.3S	1511107.1E	SUNKI	381842.0S	0750000.0E
SOPAT	161634.4S	1130029.4E	SSYWF	335742.4S	1510513.2E	SUNOB	400252.0S	1484742.0E
SORCE	302716.6S	1473528.7E	SSYWH	335548.4S	1511317.2E	SUNPO	145158.1S	1273857.7E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
SUNTI	383027.9S	1451248.7E	TAPIT	224235.5S	1191955.0E	TEFWE	213436.7S	1215920.8E
SUNUB	275034.1S	1531848.6E	TAPUL	273312.3S	1525333.9E	TEFWF	213951.8S	1220829.6E
SUPAS	331054.0S	1250000.0E	TARAK	204545.4S	1120306.6E	TEFWG	213219.4S	1220459.6E
SUPGA	250507.6S	1473019.0E	TARAL	343006.6S	1495600.5E	TEFWH	214403.6S	1221549.1E
SUPKA	292007.0S	1151141.0E	TARES	224106.3S	1495826.3E	TEFWI	213714.4S	1220355.1E
SUREB	270350.7S	1512644.1E	TARET	191100.0S	1452600.0E	TEFWM	214229.2S	1221304.2E
SURGN	345037.2S	1390401.7E	TAROL	263212.0S	1522124.0E	TEGAL	314732.8S	1361807.5E
SURIS	281110.6S	1200000.0E	TASED	423134.4S	1473640.1E	TEGEX	311309.4S	1354415.6E
SURPO	265508.2S	1523422.2E	TASEG	321135.4S	1441047.4E	TEGIL	271028.9S	1524503.9E
SURSI	275750.2S	1532059.5E	TASMA	395959.0S	1460422.0E	TEGIT	123640.2S	1310756.1E
SURUR	163349.2S	1453157.5E	TASUM	425049.6S	1473136.0E	TEKAN	120000.0S	1504330.0E
SURVO	152149.9S	1364006.5E	TASUN	203724.0S	1472354.0E	TEKEP	302924.0S	1630000.0E
SUSAK	373451.4S	1445710.7E	TATAP	104539.5S	1331520.6E	TEKOD	343823.8S	1361934.8E
SUSGI	253541.9S	1514023.4E	TATEN	282924.0S	1523212.0E	TEKUP	381524.0S	1300000.0E
SW2EA	351759.6S	1434713.1E	TATOD	105906.0S	1025842.0E	TELAP	191119.8S	1465544.2E
SW2EB	352245.1S	1435109.0E	TATUK	192545.6S	1263846.7E	TELIP	364434.0S	1441934.1E
SW2EC	352724.2S	1434702.1E	TAVET	381717.5S	1481044.5E	TELOG	281440.0S	1535436.9E
SW2EF	352235.5S	1433855.3E	TAVEV	241536.1S	1432633.2E	TEMAN	180130.3S	1222134.4E
SW2EH	352227.7S	1432908.4E	TAXEG	291323.1S	1511413.2E	TEMAP	315143.5S	1152926.2E
SW2EI	352240.3S	1434502.2E	TAXES	350532.3S	1383428.7E	TEMIS	371222.8S	1455006.2E
SW2EM	352230.7S	1433248.5E	TAXUM	222154.9S	1430501.8E	TEMPL	375233.7S	1442941.4E
SWAGY	240000.0S	1100000.0E	TAYER	161744.7S	1172142.3E	TEMUL	271756.0S	1532833.6E
SWAGZ	164530.3S	1453330.1E	TB2NA	341140.5S	1355527.2E	TENCH	145346.6S	1480341.8E
SYDNF	335044.8S	1510859.8E	TB2NC	340659.8S	1355928.1E	TENER	412118.0S	1470149.2E
SYDNH	340048.6S	1511000.8E	TB2ND	340831.7S	1360607.6E	TENIP	281818.7S	1534429.8E
SYDNM	335548.4S	1511018.4E	TB2NF	341626.3S	1360329.8E	TEPUN	302830.1S	1161655.1E
SYDSF	340330.7S	1511218.5E	TB2NH	341828.4S	1360910.7E	TERAR	175610.9S	1384907.1E
SYDSH	335324.7S	1510805.6E	TB2NI	341143.1S	1360128.9E	TEROG	280212.0S	1160400.0E
SYDSM	335751.4S	1511050.3E	TB2NM	342109.6S	1360530.9E	TEROS	052916.0S	0752312.0E
SYNOT	421312.0S	1465348.0E	TC2WA	194556.9S	1335927.5E	TERRA	281424.0S	1533312.0E
TA2EF	342240.2S	1473613.0E	TC2WB	194218.6S	1335444.3E	TERUV	253741.8S	1525429.3E
TA2EH	342626.9S	1472741.4E	TC2WC	193652.5S	1335643.9E	TESAS	332050.6S	1594932.5E
TA2EI	342018.2S	1474132.4E	TC2WF	193934.3S	1340456.1E	TESAT	335637.7S	1511057.3E
TA2EK	341520.8S	1474040.6E	TC2WH	193705.9S	1341406.3E	TESSI	292703.7S	1521845.2E
TA2EL	341756.0S	1474651.4E	TC2WI	194056.5S	1335950.3E	TEXAN	190042.0S	1372924.0E
TA2EN	342338.4S	1474602.7E	TCART	175452.3S	1220555.8E	TEZZA	270427.4S	1521258.9E
TA2WE	342655.5S	1471432.6E	TD2EF	381035.6S	1452944.2E	TG2ED	203414.5S	1303502.2E
TA2WF	342754.7S	1472422.8E	TD2EG	381038.6S	1454009.0E	TG2EE	203956.2S	1303556.2E
TA2WG	343237.7S	1471342.4E	TD2EI	380744.5S	1453459.1E	TG2EF	203527.1S	1302623.9E
TA2WH	342408.2S	1473254.7E	TD2EM	381248.0S	1452539.8E	TG2EG	204240.8S	1303033.5E
TA2WI	343016.2S	1471902.7E	TD2ET	381356.0S	1452334.2E	TG2EH	203124.8S	1301749.2E
TA2WJ	343513.7S	1471954.0E	TD2SA	382259.2S	1451721.5E	TG2EI	203741.6S	1303110.0E
TAGOD	395430.0S	1350000.0E	TD2SB	382057.6S	1451032.1E	TG2WA	203128.5S	1300646.3E
TAITE	383132.0S	1442825.0E	TD2SF	381517.8S	1452102.9E	TG2WB	202546.7S	1300553.0E
TALAG	350652.7S	1491215.5E	TD2SH	381704.1S	1452859.0E	TG2WC	202302.6S	1301115.4E
TAMEA	255222.2S	1500742.2E	TD2SI	381808.2S	1451546.9E	TG2WF	203016.5S	1301524.4E
TAMEB	255806.2S	1500710.7E	TD2SM	381305.6S	1452507.5E	TG2WH	203352.0S	1302301.8E
TAMEC	255937.0S	1500102.2E	TD2ST	381157.6S	1452713.0E	TG2WI	202801.7S	1301038.6E
TAMED	145512.0S	1440506.0E	TEBIP	310533.1S	1163427.3E	TG2WM	203231.3S	1302010.2E
TAMEF	255141.4S	1495839.1E	TEBOT	270001.5S	1534554.8E	TGMEA	280547.6S	1440143.0E
TAMEH	254633.5S	1495150.1E	TEBUM	381314.2S	1465653.5E	TGMEB	281119.7S	1435958.5E
TAMEI	255453.8S	1500254.8E	TEBUR	232824.0S	1630000.0E	TGMEC	281146.2S	1435329.9E
TAMEM	254829.0S	1495423.4E	TEDEB	291145.2S	1532346.3E	TGMEF	280334.9S	1435247.7E
TAMMI	340607.6S	1504941.3E	TEDOR	414250.2S	1472112.5E	TGMEH	275722.8S	1434703.7E
TAMOD	331606.0S	1182818.0E	TEDUS	345441.5S	1373648.2E	TGMEI	280727.4S	1435623.0E
TAMWD	254351.7S	1494007.8E	TEENA	374706.0S	1442700.0E	TGMEM	275942.4S	1434912.6E
TAMWE	253807.7S	1494039.7E	TEENC	214232.5S	1404107.4E	TGMWD	275247.3S	1433558.3E
TAMWF	254432.8S	1494910.1E	TEEND	213705.9S	1404307.9E	TGMWE	274715.1S	1433743.2E
TAMWG	253637.1S	1494647.1E	TEENE	213659.9S	1404917.3E	TGMWF	275500.4S	1434452.3E
TAMWH	254940.9S	1495558.8E	TEENF	214513.2S	1404926.7E	TGMWG	274648.9S	1434410.1E
TAMWI	254120.3S	1494454.9E	TEENH	215207.2S	1405449.1E	TGMWH	280159.1S	1435119.0E
TAMWM	254745.4S	1495325.5E	TEENI	214109.6S	1404617.2E	TGMWI	275107.8S	1434117.7E
TANEM	153108.0S	1100712.2E	TEFEA	214517.3S	1222738.7E	TGMWM	275853.1S	1434827.1E
TANIK	273548.6S	1525903.4E	TEFEB	215102.0S	1222801.8E	TH2NA	113729.3S	1302628.9E
TANOV	330000.0S	1370000.0E	TEFEC	215320.1S	1222222.7E	TH2NC	113215.8S	1302856.9E
TANTA	355250.4S	1483154.3E	TEFEF	214548.0S	1221851.7E	TH2ND	113245.5S	1303446.1E
TANUD	213503.5S	1491236.4E	TEFEH	214207.9S	1221226.9E	TH2NF	114057.5S	1303403.1E
TAPAX	361818.0S	1250000.0E	TEFEI	214825.0S	1222326.7E	TH2NH	114754.8S	1303808.2E
TAPET	260632.7S	1525753.9E	TEFEM	214342.2S	1221511.8E	TH2NI	113636.7S	1303129.9E
TAPIO	325753.3S	1520416.9E	TEFWD	214021.5S	1215942.8E	TH2NM	114518.3S	1303636.3E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
TH2SE	115434.9S	1304735.9E	TL829	191711.4S	1465229.3E	TOPIR	291100.0S	1164007.1E
TH2SF	115106.9S	1304001.2E	TL839	191257.2S	1465539.1E	TOPUL	371253.0S	1473635.0E
TH2SG	115948.4S	1304508.1E	TL849	191125.9S	1465853.1E	TORAG	345155.1S	1503808.7E
TH2SH	114409.7S	1303556.0E	TM2NA	214049.3S	1394335.4E	TOREX	072400.0S	1333530.0E
TH2SI	115527.7S	1304234.6E	TM2NC	213526.5S	1394547.1E	TOROB	335347.1S	1494518.3E
TH2SJ	115918.8S	1303918.2E	TM2ND	213531.7S	1395156.2E	TOROT	122622.2S	1305716.9E
TH2SM	114646.2S	1303727.9E	TM2NF	214345.0S	1395148.4E	TOSAS	120000.0S	1470554.0E
THENA	281322.1S	1420021.5E	TM2NH	215023.6S	1395638.0E	TOSOB	122759.2S	1304622.0E
THOMO	194129.4S	1451425.9E	TM2NI	213935.8S	1394847.7E	TOSUG	423323.3S	1472518.9E
THRUM	403001.7S	1445251.2E	TM2SE	215616.4S	1400701.5E	TOTTY	171424.0S	1453836.0E
TIBNA	291643.5S	1420519.7E	TM2SF	215321.2S	1395847.2E	TP2EF	291103.6S	1243920.3E
TIBNC	291618.9S	1421033.1E	TM2SG	220139.2S	1400450.1E	TP2EG	290612.3S	1244822.1E
TIBND	292028.9S	1421247.0E	TM2SH	214642.7S	1395357.5E	TP2EH	291051.3S	1245213.3E
TIBNF	292316.2S	1420559.6E	TM2SI	215730.2S	1400148.6E	TP2EI	291056.8S	1244630.7E
TIBNH	292829.0S	1420234.0E	TM2SJ	220134.3S	1395839.6E	TP2EJ	291537.5S	1244833.6E
TIBNI	291947.6S	1420816.4E	TMUSA	353028.7S	1480847.9E	TP2WB	291606.0S	1241748.0E
TIBNM	292644.5S	1420342.6E	TMUSB	353425.0S	1481141.7E	TP2WC	291126.8S	1241356.9E
TIBSE	293958.2S	1420113.5E	TMUSC	353332.2S	1481713.0E	TP2WD	290640.9S	1241736.8E
TIBSF	293147.5S	1420023.4E	TMUSF	352705.7S	1481540.6E	TP2WF	291115.2S	1242650.1E
TIBSG	294028.8S	1415440.0E	TMUSI	353045.4S	1481341.2E	TP2WI	291121.7S	1241939.6E
TIBSH	292358.3S	1420531.9E	TMUSM	351708.2S	1481423.2E	TR2ND	314139.5S	1523615.2E
TIBSI	293608.1S	1415731.8E	TMUST	350900.5S	1480828.6E	TR2NE	314304.3S	1524253.1E
TIBSJ	293516.2S	1415152.8E	TN2EA	242946.0S	1504859.1E	TR2NF	314844.7S	1523615.2E
TIBSM	292726.8S	1420314.9E	TN2EB	243521.5S	1505028.1E	TR2NG	314653.4S	1524439.3E
TICAL	120000.0S	1512231.1E	TN2EC	243832.6S	1504513.6E	TR2NH	314936.3S	1522718.4E
TIGGA	274336.8S	1410447.1E	TN2EF	243141.9S	1504015.3E	TR2NI	314512.0S	1524024.0E
TIMBO	321023.5S	1512741.6E	TN2EH	242845.6S	1503205.6E	TR2SA	320511.5S	1522445.5E
TIMET	190741.0S	1161917.1E	TN2EI	243331.8S	1504521.6E	TR2SB	320411.3S	1521806.7E
TINAH	213618.0S	1414518.0E	TN2WD	242932.1S	1502012.3E	TR2SC	315831.6S	1521657.0E
TL2NE	190004.2S	1465309.5E	TN2WE	242356.2S	1501844.7E	TR2SF	315706.6S	1522626.2E
TL2NF	190751.4S	1464929.4E	TN2WF	242737.4S	1502856.2E	TR2SH	315044.3S	1523355.1E
TL2NH	191746.5S	1464421.3E	TN2WG	242046.0S	1502359.3E	TR2SI	320039.0S	1522216.5E
TL2NI	190411.6S	1465113.0E	TN2WH	243033.8S	1503705.9E	TRAIL	154448.4S	1454102.2E
TL2NM	191350.1S	1464640.2E	TN2WI	242546.9S	1502350.4E	TREBL	265130.0S	1363218.0E
TL2NT	192052.7S	1464151.0E	TOBOB	345603.0S	1450448.6E	TREES	320000.0S	1100000.0E
TL2SF	192127.1S	1464304.2E	TOCEA	354549.4S	1455154.5E	TREST	345300.0S	1442518.0E
TL2SH	191245.0S	1464710.9E	TOCEB	355057.6S	1455503.9E	TREVR	374641.2S	1471517.2E
TL2WA	192346.2S	1463224.5E	TOCEC	355507.9S	1455012.7E	TRIKI	265219.5S	1532113.0E
TL2WB	192008.6S	1462741.9E	TOCEF	354929.2S	1454253.9E	TRINA	322333.6S	1514238.2E
TL2WH	190803.7S	1464431.3E	TOCEH	354817.6S	1453310.3E	TROFE	321608.6S	1490255.6E
TL2WI	191845.8S	1463246.9E	TOCEI	355013.6S	1454858.8E	TROUB	350510.1S	1380920.3E
TL2WM	191543.4S	1464357.7E	TOCEM	354844.5S	1453649.2E	TRUKA	135826.5S	1332809.0E
TL410	191554.8S	1464541.2E	TOCWD	355126.9S	1452015.9E	TS2EA	140917.7S	1263552.5E
TL414	191651.3S	1464525.5E	TOCWE	354617.8S	1451708.8E	TS2EB	141502.8S	1263533.2E
TL416	191832.2S	1464444.6E	TOCWF	354748.8S	1452917.7E	TS2EC	141643.0S	1262954.0E
TL419	192233.5S	1464207.8E	TOCWG	354208.8S	1452201.1E	TS2EF	140850.6S	1262727.4E
TL430	192548.6S	1464102.8E	TOCWH	354900.7S	1453901.2E	TS2EH	140352.6S	1262059.1E
TL436	192833.1S	1464057.7E	TOCWI	354703.5S	1452313.2E	TS2EI	141156.7S	1263130.2E
TL455	193130.8S	1464310.7E	TOCWM	354833.9S	1453522.4E	TS2WD	140121.8S	1260958.2E
TL462	192447.3S	1464223.2E	TODEG	163859.5S	1454927.5E	TS2WE	135536.8S	1261018.8E
TL464	192620.5S	1464248.8E	TODIK	275346.4S	1174135.8E	TS2WF	140150.5S	1261822.8E
TL466	192505.4S	1465158.4E	TODIV	375000.3S	1474823.6E	TS2WG	135357.6S	1261557.7E
TL467	191917.0S	1465147.0E	TODOT	091758.5S	1265724.5E	TS2WH	140726.8S	1262538.7E
TL472	191610.6S	1465250.9E	TODOX	191130.0S	1470100.0E	TS2WI	135843.6S	1261420.8E
TL490	191259.2S	1465527.3E	TOGAM	320329.5S	1161154.2E	TT2ND	133845.6S	1260013.3E
TL494	191126.0S	1465856.3E	TOGAT	410936.4S	1472545.8E	TT2NE	133430.3S	1260201.9E
TL670	191219.6S	1464722.9E	TOGEN	204312.0S	1455318.0E	TT2NF	134117.2S	1260626.3E
TL671	191117.1S	1465255.6E	TOGIN	272848.4S	1525634.6E	TT2NG	133442.7S	1260644.3E
TL679	191802.0S	1464441.1E	TOKAX	424753.4S	1472736.9E	TT2NH	134622.3S	1260944.7E
TL684	191131.2S	1465919.7E	TOLAG	234018.7S	1141322.0E	TT2NI	133753.7S	1260414.0E
TL688	191303.2S	1470147.0E	TOLAX	270223.8S	1525813.0E	TT2NM	134440.6S	1260838.6E
TL690	191942.0S	1464238.8E	TOMAR	410814.5S	1630000.0E	TT2SA	135532.9S	1261108.5E
TL694	192626.8S	1464202.4E	TOMUM	362530.0S	1350000.0E	TT2SB	135545.1S	1261551.3E
TL699	192826.1S	1464628.4E	TONAR	375036.8S	1445110.2E	TT2SC	135129.7S	1261739.7E
TL780	192503.3S	1464248.7E	TONEG	320915.9S	1154713.5E	TT2SF	134858.4S	1261126.4E
TL788	192735.6S	1464530.3E	TONIM	360153.7S	1542045.9E	TT2SH	134353.3S	1260807.8E
TL790	191346.9S	1464641.7E	TONTO	341733.7S	1503841.9E	TT2SI	135221.8S	1261338.8E
TL793	191057.2S	1464944.7E	TONUX	334303.9S	1510741.9E	TT2SM	134535.0S	1260914.0E
TL809	192505.7S	1465154.5E	TOODY	314730.8S	1161129.5E	TUCAB	292848.0S	1531606.0E
TL819	191921.3S	1465147.2E	TOOKI	331603.4S	1513348.7E	TUCKI	285518.0S	1532212.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
TULPO	205354.6S	1152350.3E	UD2EM	382907.3S	1472354.9E	UPNOT	183922.3S	1095541.7E
TUMAN	343612.8S	1401750.1E	UD2WD	383135.5S	1471158.7E	UPOLO	164153.2S	1455657.9E
TUMDI	350138.2S	1382501.3E	UD2WF	382900.2S	1471718.4E	UPROT	343406.0S	1391830.0E
TUMSO	241449.3S	1332652.6E	UD2WI	382849.9S	1471329.4E	UPROX	123120.8S	1305620.8E
TUNGO	413112.0S	1410000.0E	UD2WM	382911.1S	1472122.6E	UPRUM	303454.0S	1514536.0E
TUNGU	243754.0S	1450354.0E	UDEPO	325139.2S	1515931.8E	UPRUN	252759.7S	1294135.3E
TUNKA	371956.3S	1444631.1E	UDERI	274113.9S	1513807.0E	UPSAD	310031.1S	1572348.5E
TUNVI	275823.8S	1413214.8E	UDIXA	324700.0S	1520500.0E	UPSAL	373616.3S	1464527.3E
TUPSI	342607.0S	1383346.0E	UGAVI	232515.2S	1245822.3E	UPSEN	123333.7S	1304504.2E
TUPSO	193000.0S	1150712.2E	UGISU	324454.7S	1513423.2E	UPSES	304204.5S	1363800.5E
TURBI	361910.1S	1422441.5E	UGITO	391532.0S	1464623.0E	UPSID	151116.9S	1230703.2E
TUREK	231348.6S	1180552.3E	UGPOT	315322.2S	1523034.1E	UPSUK	351329.0S	1494437.0E
TURGO	121657.7S	1310036.1E	UGPUR	360955.4S	1444552.5E	UPTAL	272049.8S	1515158.7E
TUSGO	345509.9S	1385218.0E	UGTUG	272922.1S	1535232.2E	UPTAM	154720.8S	1140015.3E
TUSTU	122041.5S	1342444.3E	UGUXA	344046.0S	1382612.0E	UPTEB	324455.4S	1514608.5E
TUSVA	243219.3S	1180819.8E	UGVER	353730.3S	1472801.6E	UPTEK	310630.0S	1151656.9E
TUTNI	292450.3S	1170330.3E	UGVOK	325059.2S	1513302.1E	UPTIK	205244.4S	1164132.3E
TUTNO	344618.0S	1350000.0E	UIREA	313649.1S	1504525.8E	UPTOD	290736.7S	1474755.4E
TUTRA	285704.2S	1674634.5E	UIREB	314223.0S	1504344.7E	UPTUN	343124.9S	1383854.6E
TUVBA	320045.4S	1154911.0E	UIREC	314255.7S	1503703.1E	UPVEN	314655.6S	1501439.1E
TUVBI	405355.8S	1604237.1E	UIREF	313445.4S	1503608.7E	UPVIB	325727.6S	1520341.1E
TUVNO	191222.8S	1464734.5E	UIREH	312707.8S	1502833.4E	URADA	345804.7S	1384653.0E
TUVRA	391426.7S	1440946.4E	UIREI	313834.2S	1503956.6E	URAMU	264550.5S	1202708.2E
TW2EA	273406.9S	1521016.0E	UIREM	313010.9S	1503135.4E	URBEN	415236.0S	1461736.0E
TW2EB	273948.3S	1521112.1E	UIRWD	312248.3S	1501703.5E	URBEP	312816.1S	1501833.5E
TW2EC	274232.0S	1520530.8E	UIRWE	311714.6S	1501844.9E	URBIN	270318.6S	1533808.4E
TW2EF	273517.9S	1520108.6E	UIRWF	312452.5S	1502619.1E	URBOB	355354.1S	1500833.9E
TW2EH	272739.1S	1515847.7E	UIRWG	311642.0S	1502524.7E	URBUN	344913.3S	1382312.7E
TW2EI	273733.2S	1520610.2E	UIRWH	313230.2S	1503354.1E	URDAX	324351.9S	1514439.9E
TW2EM	273318.7S	1515643.5E	UIRWI	312103.5S	1502231.9E	URDEN	334447.8S	1510727.4E
TW2WD	273042.6S	1513914.1E	UIRWM	312927.2S	1503051.9E	URGUL	351446.0S	1443616.0E
TW2WE	272500.6S	1513819.2E	UKADI	265927.0S	1394426.8E	URKER	313647.5S	1502300.4E
TW2WF	272932.4S	1514820.9E	UKAPI	260812.0S	1531518.0E	UTTOX	123858.8S	1303633.1E
TW2WG	272217.9S	1514359.8E	UKDAV	341431.6S	1511448.8E	UVUPU	335032.1S	1423256.6E
TW2WH	272404.1S	1521403.1E	UKDIP	323903.6S	1514619.8E	UXAMA	335225.5S	1512730.8E
TW2WI	272716.6S	1514320.0E	UNDER	290000.0S	1100000.0E	UXILO	264930.9S	1452700.6E
TW2WM	273148.1S	1515322.1E	UNDOW	314944.9S	1162414.5E	UXORA	260000.0S	1091343.7E
TW2WT	273242.4S	1515522.5E	UNSAR	321217.3S	1490448.3E	UY2EA	331258.7S	1155110.1E
TWIST	154406.0S	1250206.0E	UNSIG	372658.0S	1473003.0E	UY2EB	331541.5S	1155711.9E
TYERS	375436.0S	1481054.0E	UNSOK	262342.0S	1174818.0E	UY2EC	332122.9S	1155613.7E
TYNDI	374816.9S	1421855.9E	UNSOV	181105.1S	1253325.3E	UY2EF	332012.7S	1154632.9E
UB2EA	381356.7S	1474910.2E	UNSOX	335308.2S	1394828.7E	UY2EH	332601.6S	1154630.7E
UB2EC	381954.4S	1475006.6E	UNSUS	330640.8S	1485145.8E	UY2EI	331757.3S	1155152.5E
UB2EF	381717.7S	1474551.4E	UNTAP	423326.3S	1471719.7E	UY2EM	332227.9S	1154113.1E
UB2EI	381655.6S	1474938.4E	UNVAT	254809.9S	1495346.5E	UY2ET	332349.0S	1153801.0E
UB2EM	381741.2S	1474149.3E	UNVAX	275455.3S	1175123.2E	VABLI	123714.5S	1311610.7E
UB2WD	382025.3S	1473113.0E	UO2EA	381454.5S	1472348.6E	VADMA	350633.6S	1490310.8E
UB2WF	381735.1S	1473513.8E	UO2EB	381624.7S	1471938.8E	VAGPO	310000.0S	1424844.5E
UB2WI	381725.3S	1473125.5E	UO2EF	381357.5S	1471617.3E	VAKSA	151106.3S	1434804.8E
UB2WM	381745.3S	1473917.5E	UO2EI	381426.1S	1472002.9E	VALDU	370827.9S	1473307.8E
UBDAK	285434.1S	1654827.2E	UO2EM	381328.8S	1471231.6E	VALDZ	232700.0S	1414148.0E
UBDIB	341403.1S	1402059.7E	UP2EC	383558.9S	1473012.3E	VALES	372152.3S	1452057.0E
UBDIG	125349.8S	1303206.1E	UP2EF	383339.6S	1472440.6E	VALRA	214241.4S	1221248.0E
UBGAN	272011.7S	1481027.1E	UP2EI	383318.1S	1472828.5E	VALVO	272754.3S	1532121.3E
UBGIM	325631.9S	1515142.6E	UP2EM	383402.3S	1472037.4E	VAMSO	321323.1S	1481345.2E
UBGUT	364019.3S	1421005.2E	UP2WD	383755.4S	1470921.1E	VANDI	122041.0S	1314515.0E
UBGUX	121337.3S	1304315.9E	UP2WF	383439.0S	1471402.2E	VANGO	235248.4S	1335151.9E
UBLEN	425256.9S	1473429.8E	UP2WI	383500.0S	1471014.1E	VANRU	315347.3S	1153443.8E
UBLIN	274941.0S	1630000.0E	UP2WM	383416.5S	1471805.4E	VANSU	283557.4S	1533417.2E
UBLOM	320352.4S	1510656.7E	UPDUR	361226.2S	1464408.1E	VANTI	273810.3S	1525947.0E
UBLUK	284900.8S	1495112.4E	UPKAN	373449.8S	1443552.2E	VANVA	222130.0S	1495154.0E
UBMAX	325440.3S	1515235.6E	UPKID	374952.7S	1450643.9E	VAPMU	280123.8S	1533307.6E
UBNIL	323809.4S	1520255.8E	UPLOT	262228.7S	1525957.2E	VAPSA	040902.0S	0762331.0E
UBNIS	081618.0S	0800000.0E	UPLUG	324626.6S	1513855.2E	VAPTA	282957.2S	1355005.5E
UBNUB	324021.6S	1435139.4E	UPMAR	335343.5S	1505546.1E	VARBI	191809.0S	1464437.8E
UBSON	322551.7S	1515211.3E	UPMOG	280009.6S	1515023.4E	VARLY	335437.6S	1532026.5E
UD2EA	382527.4S	1473237.4E	UPMUV	344905.0S	1484042.0E	VASRA	332201.8S	1510408.0E
UD2EC	383103.7S	1473329.1E	UPNAP	351658.2S	1454906.3E	VATPO	115450.0S	1304428.0E
UD2EF	382844.5S	1472757.7E	UPNEX	332625.6S	1514005.1E	VATRO	273918.9S	1525950.2E
UD2EI	382822.9S	1473145.4E	UPNOR	290347.7S	1340125.1E	VATSU	344445.0S	1361743.0E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
VAVBU	142629.2S	1321324.0E	VIMAP	403927.4S	1471154.2E	WC2EH	304931.3S	1430146.5E
VAVGA	320536.8S	1161428.1E	VIMET	235222.6S	1334439.5E	WC2EI	305711.1S	1431359.5E
VAVMO	422342.6S	1470755.1E	VIMUG	192214.8S	1464241.6E	WC2WD	304013.8S	1425616.6E
VAVPA	354233.1S	1373050.5E	VIMUS	350406.0S	1250000.0E	WC2WE	304205.2S	1424958.9E
VEBMI	310844.7S	1505550.1E	VINAX	213517.7S	1375332.9E	WC2WF	304759.9S	1425921.1E
VEBTO	191723.0S	1463751.9E	VINCN	345644.2S	1382138.0E	WC2WG	304750.0S	1424950.6E
VEDKI	144742.5S	1161913.2E	VINOP	344207.1S	1463100.8E	WC2WH	305243.1S	1430651.8E
VEDPI	291108.0S	1472921.6E	VINOX	191300.0S	1460300.0E	WC2WI	304502.6S	1425439.9E
VEDRU	271137.0S	1510648.0E	VINUG	142745.5S	1321928.2E	WCKEA	280613.2S	1521115.6E
VEGAH	292436.0S	1524924.0E	VIPAM	120000.0S	1480113.7E	WCKEB	281122.9S	1521407.4E
VEGDI	223418.0S	1521850.0E	VIPAR	240045.7S	1324848.5E	WCKEC	281531.9S	1520937.7E
VEGPU	123959.9S	1311422.7E	VIPES	413620.7S	1471546.6E	WCKEF	280950.6S	1520256.5E
VEGRU	362248.9S	1462858.8E	VIPUB	193706.3S	1451308.8E	WCKEH	280836.7S	1515359.9E
VEKBI	173549.7S	1442236.9E	VIRAP	280536.0S	1515700.0E	WCKEI	281036.7S	1520831.9E
VEKLO	420515.1S	1473952.6E	VIRAT	344726.5S	1384538.8E	WCKEM	280904.5S	1515721.1E
VEKMI	345107.1S	1381412.7E	VIRGE	271312.0S	1544429.0E	WD2ND	251304.8S	1424717.4E
VEKNU	262640.7S	1530748.6E	VIROB	112548.5S	1280310.9E	WD2NE	251435.4S	1425323.3E
VEKPA	291054.6S	1511114.0E	VIROK	305711.4S	1190946.8E	WD2NF	252100.6S	1424454.7E
VELGI	332151.4S	1475539.5E	VIRUR	332259.3S	1490727.8E	WD2NG	252019.6S	1425355.2E
VELKA	275102.4S	1531442.7E	VIRUV	285706.8S	1343327.3E	WD2NH	252608.5S	1423807.2E
VELKU	370421.0S	1583000.2E	VISAS	374017.5S	1450135.3E	WD2NI	251748.1S	1424909.1E
VEMDA	380910.1S	1472337.2E	VISEP	202029.9S	1131035.8E	WD2NM	252413.1S	1424040.1E
VEMLA	265244.2S	1582515.1E	VISER	372736.0S	1474936.0E	WD2SA	253610.1S	1423256.8E
VEMON	323221.5S	1170428.1E	VISIB	262712.0S	1525747.6E	WD2SB	253439.0S	1422649.3E
VEMTO	191000.0S	1202636.0E	VITAA	350257.0S	1380815.0E	WD2SC	252855.2S	1422618.3E
VENEL	332824.4S	1434624.5E	VIYYA	020000.0S	0830000.0E	WD2SF	252814.7S	1423519.8E
VENGA	212246.0S	1151259.9E	VOMPA	194825.3S	1465418.1E	WD2SH	252307.0S	1424207.6E
VENPU	373326.8S	1450043.1E	VONDO	281806.4S	1522346.8E	WD2SI	253126.9S	1423104.7E
VENUL	335529.7S	1513457.5E	VONNI	331255.6S	1512420.1E	WD2SM	252502.4S	1423934.7E
VENUP	311544.4S	1153527.2E	VOSSI	333626.4S	1504755.8E	WEAVA	321706.0S	1480848.0E
VENVO	374504.4S	1450445.7E	WA2ND	255444.8S	1263047.1E	WEBBA	215342.0S	1171348.0E
VEPAN	315140.6S	1162252.9E	WA2NE	255147.7S	1263614.6E	WEENA	120000.0S	1501801.1E
VEPAP	290000.0S	1443541.9E	WA2NF	260148.0S	1263526.8E	WEIEA	124346.0S	1420833.7E
VEPAS	342447.0S	1630000.0E	WA2NG	255525.4S	1264110.8E	WEIEB	124931.5S	1420838.5E
VEPEK	222158.3S	1191455.3E	WA2NH	260948.2S	1263448.4E	WEIEC	125134.1S	1420308.9E
VEPOK	340612.4S	1370119.7E	WA2NI	255647.8S	1263550.7E	WEIEF	124343.5S	1415957.1E
VEPUD	374149.9S	1451243.9E	WA2SA	262019.1S	1263912.5E	WEIEH	123912.1S	1415311.0E
VERAV	295939.4S	1471508.9E	WA2SB	262316.2S	1263343.7E	WEIEI	124642.1S	1420424.5E
VERIK	274945.9S	1532145.2E	WA2SC	261938.3S	1262846.6E	WEIRD	381130.6S	1471957.6E
VERIS	171611.3S	1050000.0E	WA2SF	261316.0S	1263431.8E	WEIWD	123706.4S	1414131.3E
VESIM	233409.0S	1152131.4E	WA2SH	260515.8S	1263510.2E	WEIWE	123120.7S	1414126.9E
VESOP	163933.0S	1391013.4E	WA2SI	261816.1S	1263407.8E	WEIWF	123752.4S	1415111.9E
VESUN	245847.5S	1630000.0E	WACKO	271117.3S	1524511.1E	WEIWG	122918.4S	1414655.9E
VETAK	311410.0S	1510238.7E	WAGOO	280853.5S	1184525.5E	WEIWH	124131.5S	1415639.7E
VETIS	273413.8S	1531102.4E	WALLI	292730.6S	1202925.2E	WEIWI	123410.4S	1414540.4E
VETOP	272101.1S	1514146.3E	WALTA	194126.2S	1473526.3E	WEIWM	124008.1S	1415434.9E
VETOR	423726.6S	1473004.9E	WANGI	130747.6S	1302657.1E	WELKE	213752.8S	1493614.1E
VEVAV	152847.3S	1414454.5E	WANNA	315242.0S	1155852.8E	WELLI	273000.0S	1531506.0E
VEVEX	273551.0S	1531802.0E	WAREN	380100.0S	1451842.0E	WELSH	340805.8S	1501829.8E
VEVOS	341927.2S	1491918.8E	WARRA	244957.9S	1141943.5E	WENDY	375024.0S	1435842.0E
VEXEV	303002.7S	1474139.4E	WARTY	335423.3S	1540655.6E	WENER	261549.8S	1285645.1E
VIBID	255337.0S	1133438.0E	WAYNS	314650.2S	1163049.7E	WF2EA	361344.0S	1424004.1E
VIBUX	371012.0S	1300000.0E	WAZZA	364756.9S	1463747.1E	WF2EB	361811.6S	1424432.3E
VICKI	350655.0S	1491254.7E	WB2EA	382342.3S	1424144.7E	WF2EC	362307.2S	1424053.3E
VICMA	344236.0S	1383103.0E	WB2EB	382918.0S	1424006.5E	WF2EF	361854.1S	1423211.8E
VIDAR	374405.7S	1443619.7E	WB2EC	382959.9S	1423251.4E	WF2EH	361927.9S	1422219.3E
VIDIK	335742.1S	1510517.0E	WB2EF	382151.7S	1423135.5E	WF2EI	361832.8S	1423822.0E
VIDUM	282433.5S	1534906.2E	WB2EH	381554.6S	1422447.5E	WF2EM	361915.3S	1422601.5E
VIKAM	345411.5S	1504340.3E	WB2EI	382534.9S	1423550.9E	WF2WD	362450.2S	1421043.6E
VIKIL	262558.9S	1531349.1E	WB2EM	381808.6S	1422720.4E	WF2WE	362022.3S	1420615.5E
VIKIS	315055.1S	1155930.2E	WB2WD	381149.0S	1421206.8E	WF2WF	361940.5S	1421836.3E
VIKUV	122127.1S	1305826.3E	WB2WE	380613.4S	1421345.5E	WF2WG	361526.9S	1420954.9E
VILAD	342331.7S	1392059.1E	WB2WF	381340.1S	1422214.2E	WF2WH	361902.7S	1422942.9E
VILAL	423024.6S	1472153.2E	WB2WG	380531.6S	1422058.3E	WF2WI	362001.4S	1421225.9E
VILER	271126.5S	1525519.9E	WB2WH	382106.6S	1423043.9E	WGAED	345955.4S	1473833.5E
VILIG	350454.6S	1492443.4E	WB2WI	380956.8S	1421759.7E	WGAEE	350231.8S	1474446.9E
VILIN	314042.1S	1162734.3E	WC2EA	305422.8S	1431848.5E	WGAEF	350713.9S	1473401.5E
VILOD	304541.2S	1170221.4E	WC2EB	310007.6S	1431841.9E	WGAEG	350814.0S	1474356.2E
VILON	095000.0S	1351119.8E	WC2EC	310200.1S	1431223.4E	WGAEH	351059.0S	1472524.2E
VILUN	191543.6S	1470307.8E	WC2EF	305414.4S	1430917.3E	WGAEI	350453.0S	1473924.4E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
WGAWA	351939.8S	1471738.8E	WN412	232708.2S	1200033.9E	WQ2NI	312303.2S	1432945.5E
WGAWB	351702.0S	1471124.9E	WN416	232959.4S	1195931.9E	WQ2SE	314347.7S	1431851.0E
WGAWC	351120.1S	1471218.0E	WN420	232311.9S	1200108.1E	WQ2SF	313535.4S	1431903.3E
WGAWF	351221.9S	1472213.0E	WN424	231911.1S	1195520.2E	WQ2SG	314340.2S	1431207.6E
WGAWH	350837.1S	1473050.6E	WN428	231813.2S	1194826.9E	WQ2SH	312907.3S	1432435.0E
WGAWI	351442.1S	1471649.1E	WN500	232814.5S	1194310.9E	WQ2SI	313937.8S	1431535.6E
WH2SF	334943.4S	1505508.0E	WN504	232046.2S	1193741.8E	WQ2SJ	313813.6S	1430958.3E
WH2SH	334633.6S	1505914.4E	WN512	231920.7S	1194455.0E	WR3WA	664515.4S	1105903.5E
WH2SM	334825.9S	1505823.0E	WN514	231952.0S	1194807.5E	WR3WB	664020.3S	1105142.1E
WH2WA	333944.5S	1505039.3E	WN516	232146.8S	1195958.6E	WR3WC	663555.2S	1110049.9E
WH2WF	334246.6S	1505348.5E	WN520	232648.5S	1203136.4E	WR3WF	664104.5S	1111646.5E
WH2WM	334548.3S	1505657.5E	WN528	233419.1S	1194227.9E	WR3WI	664042.9S	1110414.1E
WH2WT	334130.6S	1505938.1E	WN532	233713.9S	1194527.6E	WSLWA	380729.9S	1464434.7E
WHALE	335905.6S	1513441.5E	WN540	233534.0S	1194524.3E	WSLWB	380321.1S	1464204.7E
WHEBB	283636.2S	1200000.0E	WN544	233543.0S	1194839.9E	WSLWC	380004.6S	1464609.0E
WHITI	291020.4S	1524516.0E	WN548	233731.1S	1202935.3E	WSLWF	380440.5S	1465204.2E
WHOOL	272053.5S	1200000.0E	WN552	232003.1S	1194113.0E	WSLWH	380734.3S	1470042.0E
WHZND	325221.2S	1372333.2E	WN556	232026.9S	1194353.5E	WSLWI	380400.8S	1464704.4E
WHZNE	324814.4S	1372818.7E	WN560	234218.2S	1194732.7E	WSLWM	380520.3S	1465704.0E
WHZNF	325805.1S	1373030.9E	WN564	240521.1S	1194641.0E	WT2NA	361157.0S	1461457.4E
WHZNG	325036.1S	1373430.9E	WN700	232006.5S	1195609.3E	WT2NC	360921.9S	1462117.0E
WHZNH	330603.5S	1373127.8E	WN704	231238.7S	1195039.8E	WT2NF	361916.6S	1461930.9E
WHZNI	325309.8S	1372924.8E	WN708	232153.7S	1193553.8E	WT2NH	362404.0S	1462334.9E
WHZSA	331607.1S	1372701.9E	WN712	232922.0S	1194123.0E	WT2NI	361419.2S	1462024.0E
WHZSB	331855.8S	1373300.0E	WO2NA	342057.4S	1503834.9E	WT2NT	362728.3S	1461802.9E
WHZSC	331510.7S	1373811.0E	WO2NC	341819.5S	1504345.4E	WTNNA	221333.0S	1425357.5E
WHZSF	330857.6S	1373148.6E	WO2ND	341912.7S	1504943.8E	WTNNC	220817.5S	1425628.4E
WHZSH	330354.5S	1372254.6E	WO2NF	342606.0S	1504531.6E	WTNND	220841.6S	1430238.2E
WHZSI	331356.7S	1373224.2E	WO2NH	343316.1S	1505537.8E	WTNNF	221653.6S	1430201.5E
WILDE	373258.3S	1444104.1E	WO2NI	342146.2S	1504432.4E	WTNNH	222346.3S	1430628.5E
WINKY	271657.8S	1523926.6E	WO2NM	343235.9S	1504700.6E	WTNNI	221235.6S	1425914.9E
WIRAL	274630.7S	1182735.1E	WOBBL	273322.2S	1522514.9E	WTNNM	222111.5S	1430448.3E
WIRMA	312200.0S	1361942.0E	WODAY	285504.0S	1552137.5E	WTNSF	222622.4S	1430809.6E
WISKA	193431.6S	1451230.5E	WOKKA	364112.7S	1394000.0E	WTNSH	221838.2S	1430309.1E
WISWA	221725.4S	1500417.4E	WOKKI	121948.6S	1305333.8E	WTNSI	223040.3S	1431056.7E
WISWB	221755.0S	1500910.8E	WOLAG	263416.7S	1151557.1E	WTNSJ	222942.6S	1431614.7E
WISWF	222428.3S	1500825.2E	WOLBI	352854.0S	1481230.0E	WTNSK	223458.2S	1431343.9E
WISWH	223038.4S	1501202.2E	WOLGO	274059.0S	1155528.9E	WTNSL	223434.4S	1430732.9E
WISWI	222056.9S	1500621.2E	WOLSE	344530.8S	1505449.3E	WTNSM	222204.5S	1430522.6E
WISWM	222759.8S	1501029.2E	WOLSF	344101.7S	1504810.9E	WUDOF	121334.1S	1305031.8E
WISWX	222750.7S	1495554.6E	WOLSG	344959.9S	1504915.9E	WUDSA	330943.9S	1353951.9E
WIZZA	274023.4S	1530254.9E	WOLSH	343039.2S	1505147.3E	WUDSB	331509.4S	1353736.7E
WJLEA	154924.5S	1452942.9E	WOLSI	344600.7S	1504847.0E	WUDSC	331513.6S	1353046.4E
WJLEB	155337.1S	1452902.3E	WOLSJ	344744.8S	1504424.4E	WUDSF	330701.2S	1353039.4E
WJLEF	155257.8S	1452441.3E	WOLSM	343403.1S	1504720.5E	WUDSH	330030.4S	1352506.6E
WJLEH	155612.2S	1452453.8E	WONKA	322640.8S	1520551.8E	WUDSI	331105.4S	1353407.9E
WJLEI	155111.1S	1452712.1E	WONSA	220000.0S	1100000.0E	WUDSM	330257.0S	1352711.3E
WJLEM	155444.4S	1452210.5E	WONYU	245529.6S	1194449.0E	WUNGO	321154.0S	1160142.0E
WL2ND	263006.6S	1200117.6E	WOODY	271416.9S	1522416.9E	WV2WA	332554.8S	1501707.8E
WL2NE	262445.9S	1200339.2E	WOOFA	121652.8S	1321538.5E	WV2WB	332101.6S	1500402.0E
WL2NF	263308.5S	1200946.9E	WOOFY	315130.0S	1154854.0E	WV2WF	331704.7S	1500531.9E
WL2NG	262455.8S	1201002.4E	WOONA	344407.6S	1403159.1E	WV2WH	331415.9S	1501206.7E
WL2NH	263950.5S	1201441.6E	WOORA	314511.2S	1160441.3E	WV2WI	331803.7S	1500327.0E
WL2NI	262857.2S	1200642.9E	WP2ED	295125.8S	1481648.8E	WV2WM	331530.4S	1500851.3E
WL2NM	263719.8S	1201251.0E	WP2EE	295340.8S	1482252.6E	WVFRN	165317.0S	1454135.0E
WL2SA	264548.1S	1202522.1E	WP2EF	295859.1S	1481306.7E	WVFRS	165723.0S	1454306.0E
WL2SB	265109.2S	1202301.0E	WP2EG	295925.6S	1482231.5E	WW2ND	273452.7S	1513514.0E
WL2SC	265059.8S	1201636.4E	WP2EH	300313.3S	1480517.2E	WW2NF	273058.6S	1514322.3E
WL2SF	264247.1S	1201651.4E	WP2EI	295620.1S	1481759.8E	WW2NH	273750.1S	1514331.0E
WL2SH	263605.3S	1201156.4E	WP2WA	301226.1S	1475829.7E	WW2NI	273023.8S	1513745.4E
WL2SI	264658.2S	1201956.1E	WP2WB	301010.5S	1475224.6E	WW2NM	273224.7S	1514626.6E
WL2SM	263836.0S	1201347.0E	WP2WC	300426.0S	1475246.5E	WW2SB	274355.8S	1520031.2E
WM3EF	325428.0S	1515928.9E	WP2WF	300453.1S	1480212.3E	WW2SC	274510.2S	1515412.5E
WM3EH	324621.2S	1514808.2E	WP2WH	300007.4S	1481100.7E	WW2SF	273709.3S	1515213.9E
WM3WF	324410.9S	1514506.5E	WP2WI	300731.8S	1475718.5E	WW2SH	273848.8S	1514334.7E
WM3WH	324910.3S	1515204.3E	WQ2NA	311853.5S	1432630.4E	WW2SI	274033.4S	1515623.5E
WM3WI	324104.0S	1514046.3E	WQ2NC	311900.4S	1433312.0E	WW400	273304.8S	1513535.1E
WN400	232158.6S	1195310.7E	WQ2ND	312426.6S	1433522.1E	WW410	272957.0S	1513913.9E
WN404	232115.8S	1195646.1E	WQ2NF	312705.9S	1432618.7E	WW420	272954.5S	1514323.8E
WN408	232145.2S	1195816.7E	WQ2NH	313334.0S	1432047.2E	WW430	273448.7S	1514922.3E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
WW440	273854.4S	1515126.6E	XF2WB	324930.1S	1513309.4E	YM2EA	153331.6S	1282231.8E
WW450	274426.9S	1515134.1E	XF2WC	324811.1S	1513655.7E	YM2EB	153917.1S	1282236.9E
WX2ND	203934.2S	1152224.5E	XF2WF	325244.2S	1513909.6E	YM2EC	154119.9S	1281703.5E
WX2NE	203554.6S	1152852.1E	XF2WH	325453.5S	1514310.0E	YM2EF	153338.5S	1281402.7E
WX2NF	204539.1S	1152617.9E	XF2WI	325107.2S	1513609.5E	YM2EH	153627.7S	1280547.9E
WX2NG	204159.3S	1153245.6E	XF2WM	325421.2S	1514209.9E	YM2EI	153627.9S	1281819.7E
WX2NH	205327.7S	1152414.1E	XG2SA	333316.8S	1512502.1E	YM2EM	153049.1S	1280945.7E
WX2NI	204046.8S	1152735.0E	XG2SB	333536.4S	1512159.8E	YM2WD	152606.4S	1275359.6E
WX2NM	205032.3S	1152500.5E	XG2SC	333400.6S	1511820.7E	YM2WE	152020.8S	1275355.3E
WX2SA	210500.1S	1152255.9E	XG2SF	332938.7S	1512104.1E	YM2WF	152600.3S	1280228.4E
WX2SB	210551.0S	1151651.9E	XG2SH	332454.1S	1512136.2E	YM2WG	151818.6S	1275928.4E
WX2SC	210047.3S	1151356.6E	XG2SI	333237.6S	1512131.9E	YM2WH	153139.3S	1281102.0E
WX2SF	205652.3S	1152138.5E	XG2SM	332639.9S	1512036.3E	YM2WI	152310.6S	1275811.8E
WX2SH	205421.0S	1153105.8E	XL2SE	334123.3S	1501630.0E	YM2WM	152957.6S	1280827.9E
WX2SI	210121.6S	1151915.2E	XL2SF	333611.1S	1501254.1E	YN2ND	340132.3S	1481349.2E
WX2SM	205222.9S	1152401.7E	XL2SG	334105.3S	1501223.4E	YN2NE	340013.5S	1481937.4E
WYLOO	224822.8S	1161546.8E	XL2SH	333539.8S	1500922.7E	YN2NF	340954.7S	1481633.0E
WYMER	365218.0S	1425524.0E	XL2SI	333847.2S	1501442.0E	YN2NG	340436.7S	1482405.0E
WYNOT	161518.8S	1492419.3E	XL2SM	333242.8S	1501030.5E	YN2NH	341739.6S	1481405.2E
WYYED	405711.3S	1460051.8E	XL2WA	333458.7S	1495823.8E	YN2NI	340504.1S	1481805.3E
WYYEE	410221.3S	1460409.7E	XL2WB	333245.4S	1495514.5E	YN2SB	343026.6S	1481000.7E
WYYEF	410045.1S	1455107.1E	XL2WC	332931.3S	1495639.2E	YN2SC	342827.4S	1481631.4E
WYYEG	410855.6S	1455929.5E	XL2WF	333112.5S	1500210.7E	YN2SF	342045.5S	1481306.0E
WYYEH	405918.4S	1453923.2E	XL2WH	333234.1S	1500634.3E	YN2SH	341300.6S	1481534.0E
WYYEI	410133.2S	1455738.4E	XL2WI	333159.0S	1495842.6E	YN2SI	342536.0S	1481133.4E
WYYWA	410415.1S	1452532.0E	XL2WM	333025.9S	1500538.6E	YOGGI	323309.0S	1515350.4E
WYYWB	405719.4S	1452332.8E	XM2WA	292430.1S	1525839.6E	YOKRA	300447.1S	1191933.6E
WYYWC	405313.7S	1452849.7E	XM2WB	291917.5S	1530126.2E	YOTHU	235546.4S	1333858.0E
WYYWF	405857.4S	1453634.2E	XM2WC	291852.0S	1530603.9E	YR2ED	383117.6S	1470129.5E
WYYWH	405939.9S	1454844.7E	XM2WF	292758.5S	1530709.6E	YR2EE	383627.3S	1470441.7E
WYYWI	405808.6S	1453003.4E	XM2WH	292758.5S	1531253.2E	YR2EF	383452.7S	1465205.9E
WZ2EA	335332.8S	1472658.5E	XM2WI	292338.0S	1530417.8E	YR2EG	384035.0S	1465936.4E
WZ2EB	335841.0S	1473002.6E	XM2WM	292758.6S	1531035.8E	YR2EH	383343.0S	1464256.8E
WZ2EC	340251.3S	1472517.0E	XRHWD	333702.5S	1503054.9E	YR2EI	383540.2S	1465823.8E
WZ2EF	335712.0S	1471809.2E	XRHWE	333134.1S	1502849.2E	YR2WA	383640.7S	1462854.3E
WZ2EH	335559.9S	1470838.7E	XRHWF	333405.3S	1503832.1E	YR2WB	383130.1S	1462544.6E
WZ2EI	335756.6S	1472405.8E	XRHWG	332802.9S	1503414.5E	YR2WF	383307.5S	1463819.2E
WZ2EM	335627.0S	1471212.6E	XRHWH	332951.9S	1505303.2E	YR2WH	383424.5S	1464823.3E
WZ2WD	335907.4S	1465547.4E	XRHWI	333303.1S	1503432.0E	YR2WI	383219.0S	1463201.8E
WZ2WE	335357.8S	1465244.1E	XRHWM	333601.0S	1504558.0E	YR2WJ	382852.4S	1463112.4E
WZ2WF	335529.2S	1470436.7E	XT2EA	175819.7S	1460624.1E	YUNGA	314459.6S	1160909.1E
WZ2WG	334949.0S	1465729.4E	XT2EB	180247.7S	1460734.1E	YUSEF	212554.0S	1350711.9E
WZ2WH	335641.5S	1471407.0E	XT2EC	180522.5S	1460334.5E	YW2ND	354844.7S	1460205.8E
WZ2WI	335443.6S	1465840.3E	XT2EF	175955.3S	1455943.7E	YW2NE	354729.8S	1460858.8E
WZ2WM	335614.5S	1471033.1E	XT2EH	180048.1S	1455715.1E	YW2NF	355645.3S	1460417.2E
XA2ND	213347.6S	1210012.8E	XT2EI	180121.6S	1460338.9E	YW2NG	355220.2S	1461246.8E
XA2NE	212643.9S	1210058.3E	XT2EM	175850.6S	1455647.4E	YW2NH	360409.6S	1460031.4E
XA2NF	213430.0S	1210745.8E	XW2NA	341719.6S	1505753.6E	YW2NI	355207.5S	1460638.0E
XA2NH	214125.2S	1211349.6E	XW2NC	341755.4S	1510159.0E	YW2NM	360123.0S	1460156.1E
XA2NI	213037.0S	1210421.9E	XW2ND	342210.5S	1510159.2E	ZA2ED	205848.7S	1185218.7E
XA2SA	214339.4S	1212244.3E	XW2NF	342210.6S	1505651.8E	ZA2EE	210350.7S	1185517.2E
XA2SB	215043.1S	1212159.8E	XW2NH	342444.3S	1505601.8E	ZA2EF	210247.8S	1184439.2E
XA2SC	215001.4S	1211426.0E	XW2NI	342003.1S	1505925.5E	ZA2EG	210811.5S	1185115.9E
XA2SF	214257.7S	1211510.8E	XW2NM	342418.2S	1505418.1E	ZA2EH	210149.7S	1183455.7E
XA2SH	214401.5S	1210640.2E	YAHMO	304300.6S	1185149.3E	ZA2EI	210319.3S	1184958.2E
XA2SI	214650.5S	1211835.3E	YAKKA	331132.4S	1511322.5E	ZA2WA	210533.2S	1182447.8E
XCHND	101506.4S	1053541.6E	YANCO	351641.0S	1454354.0E	ZA2WB	210030.7S	1182150.3E
XCHNE	101125.7S	1054010.2E	YARDD	172018.0S	1370918.0E	ZA2WC	205610.6S	1182552.2E
XCHNF	102238.5S	1054105.9E	YARRA	375030.0S	1445212.0E	ZA2WF	210134.9S	1183227.9E
XCHNG	101420.2S	1054511.5E	YEEDI	285207.4S	1193147.7E	ZA2WH	210233.3S	1184213.6E
XCHNH	102927.0S	1054139.7E	YINDI	233231.8S	1335206.3E	ZA2WI	210102.9S	1182709.1E
XCHNI	101626.1S	1054035.1E	YINGA	274406.9S	1191728.1E	ZAARS	120159.3S	1293613.1E
XCHSA	103911.5S	1054715.5E	YIREE	313836.0S	1160855.3E	ZANEY	160144.3S	1455442.6E
XCHSB	104252.4S	1054246.5E	YK2EA	094743.9S	1433719.5E	ZB2ND	195007.5S	1482001.7E
XCHSC	103957.8S	1053744.7E	YK2EB	095329.3S	1433736.1E	ZB2NE	195155.0S	1482548.7E
XCHSF	103206.7S	1054153.0E	YK2EC	095542.7S	1433214.4E	ZB2NF	195756.4S	1481719.3E
XCHSH	102451.0S	1054116.9E	YK2EF	094807.2S	1432902.3E	ZB2NG	195740.3S	1482600.7E
XCHSI	103752.0S	1054221.6E	YK2EH	094349.3S	1432211.4E	ZB2NH	200321.5S	1480940.5E
XCHSM	102751.2S	1054131.8E	YK2EI	095048.2S	1433319.1E	ZB2NI	195455.7S	1482134.0E
XF2WA	325257.0S	1513319.9E	YK2EM	094526.0S	1432445.5E	ZB2SA	201245.2S	1480636.5E

WAYPOINT	LOCATION		WAYPOINT	LOCATION		WAYPOINT	LOCATION	
ZB2SB	201126.6S	1480040.2E	ZNEEF	232149.4S	1195325.4E	ZW2WH	300231.3S	1192602.0E
ZB2SC	200543.6S	1475956.7E	ZNEEH	232620.0S	1194613.8E	ZW2WI	295930.0S	1191128.0E
ZB2SF	200444.8S	1480835.3E	ZNEEI	231900.2S	1195755.0E			
ZB2SH	195843.2S	1481542.5E	ZNEWD	233517.3S	1194101.1E			
ZB2SI	200805.7S	1480437.8E	ZNEWE	233314.2S	1193511.1E			
ZC2EA	300027.7S	1222934.6E	ZNEWF	232814.6S	1194310.8E			
ZC2EB	300305.5S	1223527.1E	ZNEWG	232729.0S	1193517.1E			
ZC2EC	300847.8S	1223437.3E	ZNEWH	232344.1S	1195022.6E			
ZC2EF	300745.6S	1222515.0E	ZNEWI	233025.5S	1193941.4E			
ZC2EH	301203.7S	1221548.6E	ZONKA	335729.2S	1510645.2E			
ZC2EI	300525.7S	1223021.2E	ZW2EA	300011.6S	1193810.2E			
ZC2WD	302027.1S	1220901.8E	ZW2EB	300532.3S	1194036.4E			
ZC2WE	301748.1S	1220308.9E	ZW2EC	300921.5S	1193539.8E			
ZC2WF	301309.8S	1221323.1E	ZW2EF	300313.2S	1192923.6E			
ZC2WG	301206.1S	1220400.6E	ZW2EH	300121.9S	1192025.6E			
ZC2WH	300850.5S	1222252.8E	ZW2EI	300422.9S	1193459.7E			
ZC2WI	301529.1S	1220816.1E	ZW2WD	300341.0S	1190817.7E			
ZNEEA	231408.4S	1195635.2E	ZW2WE	295820.2S	1190552.0E			
ZNEEB	231611.0S	1200224.6E	ZW2WF	300039.8S	1191704.1E			
ZNEEC	232156.3S	1200219.4E	ZW2WG	295431.3S	1191048.4E			

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SECTION 23 – AIR ROUTES

ROUTE LOWEST SAFE ALTITUDES

Continental route segment LSALT published in this section are **only** valid for RNP 2 operations. For operations other than RNP 2 operations, operators and pilots must use a pilot calculated route LSALT or grid LSALT.

ROUTE DESIGNATORS

REGIONAL ROUTES - A, B, G & R.
REGIONAL ROUTES (TASMAN) - L, M, N, P
DOMESTIC ROUTES - H (ONE WAY) & J (TWO WAY)
DOMESTIC ROUTES - V (ONE WAY) & W (TWO WAY) Predominantly Low Level
DOMESTIC ROUTES - Q (180° - 359°), Y (360° - 179°), T (TWO WAY) & Z (LOW LEVEL)

NOTE: Prefix U INDICATES ROUTE NEAR MAJOR TERMINAL

Displayed Below	Charts	Depiction	Explanation
	1	■	No report required
	2	▲	Compulsory position report for all ACFT;
	3	△	Compulsory position report for all ACFT with TAS Less than 300KT, and for other ACFT on request;
	4	◮	Compulsory position report for all ACFT with AIREP section 3 required for designated flights;
	5	⍙	In Addition to 3 above, AIREP section 3 required from designated flights.

ROUTE LEGENDS Charts
T/W Two Way
O/W One Way
LIMITED SEG Route charted on ERC(L) charts, however Limited segments, particularly in TAC coverage, are required for high Level operations.

For each Route Segment:

H = Displayed on High Charts
L = Displayed on Low Charts
B = Displayed on Both High and Low Charts therefore able to be Flight Planned at all Levels

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE A216 T/W							
3	CS VOR	165100.1S	1454438.0E	---/344			
1	LOCKA	160124.8S	1453628.6E	345/344	50.0	5200/5900	H
2	MEMIG	142218.1S	1452020.5E	345/345	99.9	5200/5900	H
4	APUKA	120000.0S	1445739.6E	346/345	143.4	2600/3400	H
ATS ROUTE A339 T/W							
5	VALRA	214241.4S	1221248.0E	---/019			
2	POKOS	203427.0S	1224027.4E	019/019	72.7	2700/3100	H
2	CIN VOR	173519.6S	1235107.2E	018/023	190.6	2600/2500	H
3	NIKOM	154415.1S	1244322.9E	022/022	121.5	2900/3700	H
2	GUNAM	144202.5S	1251212.7E	022/022	67.9	3200/3700	H
2	IDOTO	113106.0S	1263848.4E	022/022	208.0	3000/3200	H
3	IKUMA	102548.0S	1270806.0E	022/022	71.1	1500/1500	H
4	ELBIS	090518.0S	1274342.0E	022/011	87.5	4700/4700	H
ATS ROUTE A346 T/W							
3	OVRON	202104.2S	1485721.2E	---/118			
2	ELDEK	203258.8S	1491429.9E	118/118	20.0	3200/3200	H
2	LEEAM	235234.4S	1541502.4E	114/119	342.5	1500/1500	H
2	VEMLA	265244.2S	1582515.1E	115/121	289.1	1500/1500	H
4	TEKEP	302924.0S	1630000.0E	116/108	324.1	1500/1500	H
ATS ROUTE A458 T/W							
2	ALEGO	103824.0S	1250800.0E	107/106	89.8	0/0	H
3	KILIK	111012.9S	1264812.1E	106/106	103.5	1500/1500	H
2	BELKI	114112.5S	1282800.4E	105/105	102.8	1500/1500	H
1	ZAARS	120159.3S	1293613.1E	105/105	70.0	1800/1500	H
2	DN VOR	122523.8S	1305423.3E	104/---	80.0	1900/1600	H
ATS ROUTE A461 T/W							
4	BUTPA	083248.0S	1293954.0E	161/161	307.5	0/0	H
1	ADKUL	092436.9S	1295619.5E	160/160	54.1	4500/4500	H
2	OCTOB	110849.2S	1302937.7E	160/160	108.8	4500/4500	H
2	DN VOR	122523.8S	1305423.3E	160/164	80.0	1900/1800	H
2	AGUST	133743.2S	1311215.0E	164/164	74.1	2300/2500	B
2	MONIC	170044.6S	1320331.7E	163/163	208.2	2600/2700	B
3	BOYDI	184744.3S	1323118.5E	162/162	109.8	5200/3800	B
2	DIGLA	211817.2S	1331127.3E	162/162	154.7	5200/3800	B
2	AS VOR	234734.4S	1335241.6E	161/146	153.6	5500/5000	B
3	ELLOW	245709.5S	1343627.1E	145/145	80.0	4000/4100	B
2	IDANU	264057.7S	1354346.2E	144/144	120.0	3000/3600	B
5	AGAGO	281312.7S	1364538.7E	143/143	107.2	2800/2400	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◮ 5 ⍙

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	LEC NDB	303555.4S	1382632.1E	141/---	167.4	3100/3100	B
	ATS ROUTE A464 T/W						
4	RIGMI	321205.0S	1630000.0E	283/283	451.5	1500/1500	H
2	DUBUD	290030.4S	1564139.0E	289/281	378.2	1500/1500	H
1	SCOTT	275206.0S	1534800.0E	283/288	167.6	5900/5300	H
1	WINKY	271657.8S	1523926.6E	289/289	70.3	5900/5300	H
3	UNVAT	254809.9S	1495346.5E	292/291	172.9	5900/5300	H
2	OMUBI	233815.4S	1460405.8E	295/295	246.0	5500/5500	H
2	RENAK	215849.0S	1431941.0E	297/297	181.4	2900/2900	H
2	NOMEL	204523.5S	1412328.4E	298/298	130.8	2300/2300	H
4	RILVO	200644.1S	1402351.7E	299/299	68.0	3500/3500	H
2	NIVED	183308.8S	1380331.6E	300/300	162.2	3500/3500	H
2	MIGAX	160143.5S	1342644.9E	303/303	256.4	2900/2900	H
2	OPEKO	144242.7S	1323757.8E	304/304	131.3	2900/2900	H
4	TN VOR	143109.1S	1322215.6E	304/305	19.1	2700/2600	H
2	AGUST	133743.2S	1311215.0E	305/305	86.4	2400/2800	H
2	LARAB	120403.6S	1291133.4E	306/306	150.3	2300/2500	H
3	IKUMA	102548.0S	1270806.0E	307/297	155.8	1600/1600	H
4	KIKEM	095254.0S	1260724.0E	297/---	68.2	3500/3500	H
	ATS ROUTE A576 T/W						
3	TESAT	335637.7S	1511057.3E	---/275			
3	KADOM	334238.9S	1501758.6E	276/276	46.3	5000/0	B
2	PKS VOR	330752.6S	1481414.3E	278/291	109.2	6100/6100	H
1	MACLA	301021.4S	1430725.2E	297/297	316.1	3300/4000	H
4	APOMA	295352.7S	1424053.5E	297/297	28.3	2800/2800	H
2	POLEV	265513.2S	1381009.3E	301/301	297.9	2900/2900	H
2	KALUG	255400.0S	1364330.0E	303/303	98.9	2200/1900	H
2	AS VOR	234734.4S	1335241.6E	305/297	200.0	4400/4200	H
2	LEKAD	215520.9S	1303934.4E	299/299	210.5	5500/6400	H
2	TATUK	192545.6S	1263846.7E	302/302	270.5	4200/4200	H
2	CIN VOR	173519.6S	1235107.2E	303/313	193.6	3300/3000	H
4	ATMAP	120000.0S	1181518.0E	315/---	466.1	1900/2500	H
	ATS ROUTE A579 T/W						
4	UBLIN	274941.0S	1630000.0E	222/222	313.5	0/0	
2	UPSAD	310031.1S	1572348.5E	225/225	349.8	1500/1500	H
2	JORDY	322332.9S	1544112.4E	227/227	161.6	1500/1500	H
1	SHAZA	333939.7S	1520054.3E	229/229	154.7	3500/1500	H
1	NOBAR	334710.7S	1514424.4E	229/---	15.7	3500/1500	H
	ATS ROUTE A585 T/W						
3	AD VOR	345649.1S	1383128.3E	---/296			
1	AREPA	343427.7S	1375111.0E	296/296	40.0	3000/3000	B
3	VEPOK	340612.4S	1370119.7E	297/297	50.0	3000/3000	B
1	FRAZA	332605.2S	1355227.4E	299/298	70.0	3000/3000	B
2	ABTOD	325942.0S	1350800.0E	299/299	45.7	3000/3000	B
3	CDU NDB	320735.6S	1334337.0E	301/302	88.3	3000/2200	B
4	BEZZA	305130.0S	1314830.0E	303/304	124.3	2400/2600	B
2	PINAV	285254.0S	1290000.0E	306/306	188.3	3000/3000	B
5	LANOP	271853.3S	1265356.3E	308/308	145.7	3400/3400	B
2	BIDAP	242404.6S	1231444.3E	310/310	263.5	3500/3500	B
3	GUKON	225621.3S	1213054.4E	311/311	129.3	3600/3600	B
2	PD VOR	202242.5S	1183721.8E	313/318	222.6	3600/3600	B
2	OSOTO	180715.4S	1163553.9E	319/319	177.2	1600/1500	B
2	DOMOM	162612.8S	1150758.2E	319/319	131.2	1500/1500	B
4	SAPDA	120000.0S	1112536.0E	320/320	341.9	1500/1500	B
	ATS ROUTE A587 T/W						
2	AS VOR	234734.4S	1335241.6E	---/307			
2	DEENO	213508.5S	1311253.6E	309/309	198.1	5500/6400	H
4	DOPUK	181433.5S	1272508.8E	311/311	293.2	4600/4600	H
5	JATAR	162639.4S	1252821.4E	312/312	155.0	4700/4700	H
2	NIKOM	154415.1S	1244322.9E	312/312	60.5	4500/4500	H
4	ONOXA	120000.0S	1205242.0E	314/314	316.5	3900/4500	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE A598 T/W						
3	BIXAD	264127.6S	1531446.5E	---/014			
2	PONUX	244253.3S	1541607.0E	014/010	130.6	1500/1500	H
4	PUGEL	194939.0S	1561328.1E	010/010	311.8	1500/1500	H
3	IKODA	163724.0S	1572654.0E	010/010	203.8	1500/1500	H
2	RIPNA	140000.0S	1582500.0E	010/010	166.5	1500/1500	H
	ATS ROUTE B220 T/W						
2	KELPI	223410.2S	1513511.6E	---/332			
3	LAMEK	180916.6S	1500235.5E	334/334	277.9	3200/3900	H
3	DOTOD	151424.2S	1490411.5E	335/335	183.0	1500/1500	H
4	VIPAM	120000.0S	1480113.7E	336/336	203.0	1500/1500	H
	ATS ROUTE B325 T/W						
4	AKUKO	090030.0S	1022106.0E	240/239	138.8	0/0	H
3	EPGUP	103902.0S	0993305.6E	240/240	192.7	1500/1500	H
2	CC VOR	121202.0S	0965027.3E	242/---	184.6	1500/1500	H
	ATS ROUTE B333 T/W						
4	RUMIX	270737.0S	1630000.0E	303/303	168.6	0/0	
2	ISTEM	243551.2S	1602300.1E	305/308	207.2	1500/1500	H
4	PUGEL	194939.0S	1561328.1E	312/309	367.3	1500/1500	H
2	ISPID	141051.4S	1511040.3E	312/312	444.9	1500/1500	H
4	DUKUB	120000.0S	1491934.0E	314/314	169.5	1500/1500	H
	ATS ROUTE B450 T/W						
3	TESAT	335637.7S	1511057.3E	---/059			
1	NOBAR	334710.7S	1514424.4E	058/059	29.4	2100/3000	H
2	ABARB	325106.4S	1545604.9E	056/057	170.1	1500/1500	H
2	LHI NDB	313144.1S	1590422.6E	054/060	225.1	4500/4500	H
4	TEKEP	302924.0S	1630000.0E	057/058	211.8	4500/4500	H
2	NF VOR	290250.4S	1675555.8E	055/043	271.6	2100/2100	H
	ATS ROUTE B462 T/W						
4	APISO	120000.0S	1473623.8E	165/165	153.9	2400/2400	H
2	NONIR	154032.4S	1481109.9E	164/164	222.2	1500/1500	H
3	OVRON	202104.2S	1485721.2E	163/157	282.9	4100/2900	H
3	MK VOR	211022.8S	1491114.0E	157/---	50.8	3000/3000	B
	ATS ROUTE B469 O/W						
4	LAMOB	120000.0S	1085300.0E	160/161	225.0	1500/1500	B
2	IDOKU	181532.7S	1110650.8E	160/160	395.7	1500/0	H
2	CAR VOR	245255.3S	1134022.4E	160/146	421.0	1800/0	H
2	BORVI	272248.1S	1153704.7E	145/153	182.6	2800/0	B
2	TOPIR	291100.0S	1164007.1E	153/---	121.4	2800/0	B
	ATS ROUTE B472 T/W						
2	NTN NDB	174144.7S	1410422.9E	---/316			
2	GUGUK	145628.5S	1385236.0E	318/318	207.7	1600/1700	B
3	GV VOR	121554.1S	1364859.1E	319/322	200.1	1900/2000	B
4	IDELU	113545.4S	1362148.1E	323/323	48.0	1900/2000	H
2	VILON	095000.0S	1351119.8E	324/324	126.1	1700/1900	H
4	TOREX	072400.0S	1333530.0E	325/---	173.6	1700/1900	H
	ATS ROUTE B473 T/W						
4	OPABA	085130.0S	1380400.0E	139/132	440.0	1600/1600	H
2	PEBTA	105750.6S	1401030.7E	131/131	177.2	1600/1600	H
2	WP VOR	124024.8S	1415520.9E	130/134	144.9	2200/2200	H
3	GOPMI	132124.7S	1423200.9E	133/133	54.3	0/0	H
2	MEMOS	145903.0S	1440032.2E	132/132	129.8	0/0	H
1	OVLET	161346.2S	1450943.5E	132/132	100.0	6000/6000	H
3	CS VOR	165100.1S	1454438.0E	131/---	50.0	6000/6000	H
	ATS ROUTE B474 T/W						
1	NOBAR	334710.7S	1514424.4E	---/029			
2	BEADS	313614.0S	1535936.3E	028/028	173.5	3400/3700	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	VEMLA	265244.2S	1582515.1E	026/026	365.9	1500/1500	H
2	ISTEM	243551.2S	1602300.1E	026/026	173.0	1500/1500	H
2	MEPAB	212249.7S	1630000.0E	025/023	240.8	1500/1500	H
ATS ROUTE B578 T/W							
2	TEBUR	232824.0S	1630000.0E	232/232	78.4	1500/1500	H
2	ISTEM	243551.2S	1602300.1E	234/234	158.7	1500/1500	H
1	MEPEM	262554.3S	1554357.1E	236/234	275.2	1500/1500	H
1	GUMKI	271113.0S	1535133.0E	235/243	110.2	1500/1500	H
3	BN VOR	272157.9S	1530821.2E	244/---	40.0	1900/1900	H
ATS ROUTE B580 T/W							
1	NOBAR	334710.7S	1514424.4E	---/038			
2	IFFEY	315733.6S	1542130.7E	037/037	171.7	1500/3500	H
4	MISLY	304941.4S	1555331.5E	036/036	103.9	1500/1500	H
2	LENRI	281515.2S	1591018.5E	034/034	230.6	1500/1500	H
2	VESUN	245847.5S	1630000.0E	033/033	284.1	1500/1500	H
ATS ROUTE B586 T/W							
2	BODEG	200737.1S	1630000.0E	291/291	92.3	2500/2500	H
2	IKODA	163724.0S	1572654.0E	295/295	379.7	2500/2500	H
2	MEKAD	132350.2S	1524201.8E	298/298	336.4	1500/1500	H
4	TEKAN	120000.0S	1504330.0E	299/299	142.8	1500/1500	H
ATS ROUTE B587 T/W							
2	GULOP	154912.4S	1415522.4E	---/328			
3	VEVAV	152847.3S	1414454.5E	328/325	22.7	1900/1900	H
2	ROOKI	105649.7S	1391216.3E	327/327	309.0	1900/1900	H
4	OPABA	085130.0S	1380400.0E	328/---	141.8	1600/1600	H
ATS ROUTE B598 T/W							
2	DN VOR	122523.8S	1305423.3E	---/079			
1	MASRA	121337.4S	1321513.3E	079/079	80.0	1800/2900	H
3	IGOPO	115639.8S	1340705.8E	078/078	110.9	2700/3300	H
4	IDELU	113545.4S	1362148.1E	077/077	133.8	2600/2600	H
2	PEBTA	105750.6S	1401030.7E	076/076	227.9	2100/2100	H
3	HID NDB	103531.4S	1421733.2E	075/073	127.0	2200/2200	H
4	POSOX	101330.0S	1435536.0E	072/072	99.1	2200/2100	H
ATS ROUTE G200 T/W							
4	XMX VOR	102548.8S	1054121.6E	---/258			
4	IKEXO	103640.4S	1044906.5E	258/258	52.6	2300/2300	H
4	TATOD	105906.0S	1025842.0E	259/259	110.9	2300/2300	H
4	EMVAS	112812.0S	1002942.0E	260/259	149.3	1500/1500	H
2	CC VOR	121202.0S	0965027.3E	261/254	219.4	1500/1500	H
2	RUNUT	134937.3S	0912250.0E	258/258	334.2	1500/1500	H
4	DUBAG	153247.9S	0850000.0E	263/263	385.0	1500/1500	H
2	GUPOX	164453.7S	0800000.0E	267/267	297.5	1500/1500	H
4	KADEM	174854.0S	0750000.0E	270/---	294.0	1500/1500	H
ATS ROUTE G205 T/W							
3	OVRON	202104.2S	1485721.2E	---/017			
3	LAMEK	180916.6S	1500235.5E	017/354	145.1	2800/3300	H
2	PIPPA	144051.1S	1501124.4E	355/355	207.7	1500/1500	H
2	WEENA	120000.0S	1501801.1E	355/355	160.3	1500/1500	H
ATS ROUTE G209 T/W							
2	LM VOR	221405.4S	1140538.9E	---/324			
2	IDOKU	181532.7S	1110650.8E	325/325	291.1	2600/2600	H
3	MALBI	142959.2S	1082703.8E	326/326	272.1	1500/1500	H
4	ISRAN	114300.0S	1063306.0E	326/326	200.0	1500/1500	H
4	XMX VOR	102548.8S	1054121.6E	326/354	92.2	2300/2300	H
ATS ROUTE G222 T/W							
2	PKS VOR	330752.6S	1481414.3E	---/282			
3	KADUV	320135.6S	1451905.1E	285/285	162.1	3400/3400	B
2	VAGPO	310000.0S	1424844.5E	287/287	142.5	3200/3200	B

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	EVIEC	302120.2S	1411922.4E	289/289	86.2	2800/5000	B
3	MEMOV	301151.1S	1405758.8E	289/289	20.8	5000/2800	B
4	GUGAB	294106.8S	1394959.2E	290/290	66.6	5000/5000	B
4	AGAGO	281312.7S	1364538.7E	293/293	183.9	5000/4500	B
3	GOMUL	273316.5S	1352629.5E	294/294	80.7	2900/2200	B
3	KADBA	261242.2S	1325207.7E	296/296	159.7	5600/4800	B
2	AYE NDB	251021.7S	1305829.3E	298/306	120.0	5600/4800	B
4	GULUM	231312.6S	1282748.8E	308/308	180.6	4400/4900	B
2	JUGGL	205502.6S	1253928.2E	309/309	208.3	4400/4400	B
3	BIGUP	185531.6S	1231946.7E	311/311	177.5	2800/2800	B
4	BRM NDB	175646.7S	1221407.1E	312/296	85.6	2400/2400	B
3	ONALA	151110.5S	1170144.7E	298/298	342.3	1600/1600	H
2	METUM	140813.3S	1150831.8E	299/299	126.4	1500/1500	H
4	SAPDA	120000.0S	1112536.0E	300/---	252.3	1500/1500	H
ATS ROUTE G326 T/W							
4	ONOXA	120000.0S	1205242.0E	118/122	239.7	0/0	H
2	GUNAM	144202.5S	1251212.7E	120/120	300.0	3400/3100	H
4	ARG VOR	163754.1S	1282655.5E	119/117	220.5	4200/4000	H
3	BOYDI	184744.3S	1323118.5E	115/115	266.7	3200/3500	H
5	TNK VOR	193805.1S	1341055.0E	114/116	106.8	3200/3500	H
2	BIKER	204355.6S	1361402.2E	114/114	133.1	3200/3600	H
2	VINAX	213517.7S	1375332.9E	113/113	106.2	2600/3500	H
2	DODRO	230527.2S	1405612.3E	111/111	191.7	2400/2400	H
4	TAVEV	241536.1S	1432633.2E	109/109	154.7	3200/3200	H
3	MEYJI	252034.7S	1455336.8E	107/107	148.7	0/0	H
2	ROM NDB	263235.1S	1484654.1E	105/093	171.9	0/0	H
2	RILGO	264225.3S	1493525.8E	093/093	44.6	5100/5100	H
2	LIKTO	265153.6S	1502338.5E	092/092	44.2	5100/5100	H
3	WOODY	271416.9S	1522416.9E	090/090	110.0	5100/5100	H
3	BN VOR	272157.9S	1530821.2E	090/---	40.0	4100/3900	H
ATS ROUTE G329 T/W							
3	BN VOR	272157.9S	1530821.2E	---/090			
1	UGTUG	272922.1S	1535232.2E	089/089	40.0	2200/2200	H
2	SAVER	273110.7S	1540335.7E	089/089	10.0	1500/1500	H
1	BONEY	274830.0S	1555430.0E	088/088	100.0	1500/2600	H
2	LENRI	281515.2S	1591018.5E	085/085	175.3	1500/1500	H
4	DOVOM	284022.8S	1630000.0E	082/082	204.0	1500/1500	H
2	UBDAK	285434.1S	1654827.2E	080/080	148.7	0/0	H
2	DALOS	290129.0S	1673036.8E	079/079	89.9	0/0	H
2	NF VOR	290250.4S	1675555.8E	078/---	22.2	0/0	H
ATS ROUTE G342 T/W							
3	CS VOR	165100.1S	1454438.0E	---/057			
2	NONIR	154032.4S	1481109.9E	056/056	157.5	4700/4700	H
3	DOTOD	151424.2S	1490411.5E	056/056	57.4	1500/1500	H
2	ISPID	141051.4S	1511040.3E	055/055	137.9	1500/1500	H
2	MEKAD	132350.2S	1524201.8E	054/054	100.5	1500/1500	H
2	NODOK	121112.0S	1550000.0E	053/054	153.0	1500/1500	H
ATS ROUTE G459 T/W							
2	BEGMI	095000.0S	1402436.0E	147/147	113.3	0/0	H
3	SOVRO	104942.0S	1405728.3E	147/148	67.7	1500/1500	H
2	WP VOR	124024.8S	1415520.9E	148/---	124.0	2200/2200	H
ATS ROUTE G578 T/W							
4	EGATU	120000.0S	1160536.0E	162/163	51.7	0/0	H
3	ONALA	151110.5S	1170144.7E	163/163	198.0	1500/1500	H
2	TAYER	161744.7S	1172142.3E	163/163	69.0	1500/1500	H
3	GOLUX	175812.6S	1175217.1E	162/162	104.3	1500/1500	H
2	PD VOR	202242.5S	1183721.8E	162/---	150.1	1600/1600	H
ATS ROUTE G591 T/W							
2	ABVOM	292037.8S	1681033.0E	309/309	191.5	0/0	H
2	NF VOR	290250.4S	1675555.8E	309/332	21.9	0/0	H
2	OSVAR	280753.2S	1674126.3E	332/333	56.3	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	SCUBA	235830.0S	1664006.0E	335/335	254.7	0/0	H
4	LTO VOR	220018.4S	1661242.3E	336/269	120.5	0/0	H
2	TEPAM	213612.0S	1640612.0E	270/270	120.1	0/0	H
4	MEPAB	212249.7S	1630000.0E	271/271	63.2	0/0	H
4	PUGEL	194939.0S	1561328.1E	275/275	392.5	1500/1500	H
2	LAMEK	180916.6S	1500235.5E	279/279	365.4	1500/1500	H
2	MUBNI	170409.7S	1462632.0E	281/281	216.3	6700/4700	H
3	CS VOR	165100.1S	1454438.0E	282/---	42.2	6700/4700	H
ATS ROUTE G595 T/W							
3	TESAT	335637.7S	1511057.3E	---/075			
3	DIPSO	335423.3S	1520419.0E	074/078	44.5	2100/2100	H
2	GUTIV	335438.5S	1530614.4E	077/077	51.5	0/0	H
2	INVUS	335432.4S	1534428.3E	076/076	31.8	0/0	H
2	ATNAT	335409.5S	1543011.6E	075/071	38.1	0/0	H
2	SOTKI	335040.7S	1551107.6E	070/070	34.3	0/0	H
2	TESAS	332050.6S	1594932.5E	066/067	234.4	0/0	H
4	SARAP	325506.8S	1630000.0E	064/067	162.0	1500/1500	H
ATS ROUTE H16 LIMITED SEG O/W							
1	AVNEX	304844.7S	1155137.6E	---/335			
2	GEL VOR	284725.2S	1144222.0E	335/356	135.2	2800/0	B
3	EURAD	273733.8S	1143532.2E	356/356	69.9	2400/0	B
2	WARRA	244957.9S	1141943.5E	355/355	167.7	3100/0	B
3	TOLAG	234018.7S	1141322.0E	355/355	69.7	1800/0	B
2	LM VOR	221405.4S	1140538.9E	355/---	86.2	2200/0	B
ATS ROUTE H18 O/W							
1	PH VOR	315642.2S	1155733.2E	---/124			
1	HIDOT	321249.0S	1162719.5E	124/123	30.0	3200/0	H
1	VEMON	323221.5S	1170428.1E	123/110	37.0	3200/0	H
1	BURGU	325811.5S	1183919.7E	108/075	84.0	3000/0	H
2	MUBID	321140.1S	1214756.6E	072/---	166.0	3500/0	H
ATS ROUTE H20 O/W							
3	WOL NDB	343328.6S	1504727.6E	---/196			
3	NWA NDB	345704.4S	1503147.2E	196/181	26.9	4300/0	B
3	OTKED	373546.2S	1494306.0E	181/183	163.3	5100/0	B
1	SUNOB	400252.0S	1484742.0E	182/182	153.2	4100/0	B
2	MOTRA	412007.4S	1481654.1E	182/---	80.7	6600/0	B
ATS ROUTE H21 O/W							
1	NATYA	345808.2S	1431357.5E	---/085			
3	WG VOR	350956.7S	1472808.7E	080/---	209.0	3200/0	H
ATS ROUTE H36 O/W							
3	BENDO	351436.2S	1393036.5E	---/085			
1	KACEY	352637.2S	1465332.0E	078/078	362.5	5700/0	H
3	NONUP	352550.1S	1481755.8E	077/---	69.0	8200/0	H
ATS ROUTE H39 O/W							
2	NEWMO	320128.2S	1433100.0E	---/102			
1	VELGI	332151.4S	1475539.5E	097/---	237.3	0/0	H
ATS ROUTE H44 O/W							
3	KADOM	334238.9S	1501758.6E	---/252			
1	LIDLI	334614.0S	1493557.7E	252/252	35.2	6000/0	B
3	CWR NDB	335041.6S	1483911.7E	253/247	47.5	6000/0	B
3	BORLI	341458.0S	1460355.3E	249/251	131.3	4000/0	B
3	MAXEM	343805.9S	1423320.6E	254/254	175.7	2400/0	H
1	AD VOR	345649.1S	1383128.3E	258/---	200.1	3800/0	H
ATS ROUTE H50 O/W							
1	ML VOR	373936.5S	1445031.2E	---/009			
3	MNG VOR	365309.2S	1451139.2E	009/---	49.4	4100/0	B
ATS ROUTE H54 O/W							
1	AREPA	343427.7S	1375111.0E	---/273			
2	KAMBI	340805.6S	1352023.3E	276/---	127.6	2700/0	H
ATS ROUTE H65 O/W							
3	TESAT	335637.7S	1511057.3E	---/195			
3	WOL NDB	343328.6S	1504727.6E	195/221	41.6	3400/0	B
1	LEECE	350315.1S	1495737.3E	222/237	50.7	4300/0	H
3	CB VOR	351653.2S	1491144.6E	238/---	40.0	4800/0	H
ATS ROUTE H66 O/W							
1	ML VOR	373936.5S	1445031.2E	---/018			
1	NONIX	370434.3S	1451449.6E	017/028	40.0	4100/0	B
1	KACEY	352637.2S	1465332.0E	027/027	126.2	6100/0	B
2	MUDGI	323339.3S	1493537.3E	026/024	219.0	6100/0	B
1	UPVEN	314655.6S	1501439.1E	024/024	57.2	5500/0	B
1	URKER	313647.5S	1502300.4E	024/024	12.4	4200/0	B
3	TW VOR	310357.9S	1504948.9E	023/030	40.0	4500/0	B
1	PEBDO	301952.5S	1513521.0E	030/030	59.0	6400/0	B
1	WHITI	291020.4S	1524516.0E	030/030	92.3	6400/0	B
3	IDNER	285228.5S	1530252.7E	029/001	23.6	3300/0	B
1	BLAKA	281200.0S	1531318.0E	001/002	41.4	5900/0	B
1	MOOVI	275448.7S	1531741.7E	002/002	17.6	5300/0	B
1	LAGOB	274541.1S	1532003.6E	002/---	9.3	3400/0	B
ATS ROUTE H76 O/W							
3	RIC NDB	333549.0S	1504635.0E	---/334			
1	RUTOS	331447.6S	1504018.8E	334/334	21.6	5700/0	B
1	LOKYA	325341.1S	1503404.1E	334/334	21.7	5700/0	B
1	EMSUR	323350.5S	1502814.7E	334/334	20.4	5700/0	B
1	OVMIN	320623.7S	1502015.8E	335/335	28.2	5700/0	B
1	UPVEN	314655.6S	1501439.1E	335/---	20.0	5700/0	B
ATS ROUTE H84 O/W							
3	WHA NDB	330329.2S	1373127.2E	---/155			
3	SEDRA	333553.0S	1374337.4E	155/155	33.9	2800/0	B
1	ASILI	340006.8S	1375249.9E	155/155	25.4	2900/0	B
1	MARGO	342450.0S	1380219.2E	155/135	25.9	2900/0	B
3	AD VOR	345649.1S	1383128.3E	135/---	40.0	2800/0	B
ATS ROUTE H91 O/W							
3	BN VOR	272157.9S	1530821.2E	---/180			
3	SANEG	274904.2S	1530238.3E	180/190	27.5	2300/0	H
1	HUUGO	280523.3S	1525529.2E	190/190	17.5	3300/0	H
1	APAGI	285056.0S	1523507.1E	190/190	48.8	5900/0	H
1	TESSI	292703.7S	1521845.2E	190/190	38.8	6400/0	H
2	ADMAR	301922.0S	1515442.7E	190/190	56.2	6600/0	H
3	SANAD	312311.0S	1512444.6E	190/189	68.7	6600/0	H
1	MESIM	315630.0S	1510948.0E	189/189	35.6	6100/0	H
1	IGDAM	322954.7S	1505444.9E	189/---	35.7	6100/0	H
ATS ROUTE H98 O/W							
1	IDNER	285228.5S	1530252.7E	---/198			
3	SANAD	312311.0S	1512444.6E	198/---	172.8	6600/0	B
ATS ROUTE H99 O/W							
3	SANAD	312311.0S	1512444.6E	---/206			
3	LALIB	320205.1S	1504951.7E	206/179	48.9	6100/0	B
1	BOSUN	323137.0S	1504305.5E	179/160	30.0	5000/0	B
1	DUUKE	325858.1S	1504753.2E	159/129	27.6	5500/0	B
1	BOREE	331414.2S	1510238.4E	129/---	19.6	5500/0	B
ATS ROUTE H102 O/W							
4	MIA VOR	341330.7S	1420438.2E	---/119			
3	NATYA	345808.2S	1431357.5E	118/---	72.5	1800/0	B
ATS ROUTE H111 O/W							
2	TASUM	425049.6S	1473136.0E	---/335			

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	KANLI	421920.8S	1472356.0E	335/335	32.0	5400/0	B
1	LATUM	421128.1S	1472202.1E	335/335	8.0	5400/0	B
3	LT VOR	413237.8S	1471247.7E	336/---	39.4	5400/0	B
ATS ROUTE H119 O/W							
2	LEC NDB	303555.4S	1382632.1E	---/131			
3	NATYA	345808.2S	1431357.5E	126/138	356.5	5000/0	H
3	SALRI	354852.5S	1435233.0E	137/137	59.7	4000/0	B
1	CANTY	364824.0S	1443906.0E	136/159	70.3	4000/0	B
1	ARBEY	371006.0S	1444354.0E	159/157	22.0	4500/0	B
1	TUNKA	371956.3S	1444631.1E	157/161	10.0	4100/0	B
1	BELTA	372743.9S	1444753.6E	161/159	7.9	4000/0	B
1	ML VOR	373936.5S	1445031.2E	158/---	12.0	3200/0	B
ATS ROUTE H129 O/W							
1	ML VOR	373936.5S	1445031.2E	---/030			
1	DOSEL	370954.4S	1452343.1E	030/---	39.7	4100/0	B
ATS ROUTE H135 O/W							
2	LEC NDB	303555.4S	1382632.1E	---/172			
1	PARDA	322838.6S	1382808.6E	172/171	112.5	5300/0	H
1	NIMEK	331640.0S	1382912.1E	171/171	47.9	5200/0	H
1	KLAVA	341145.1S	1383026.3E	171/171	55.0	5200/0	H
3	AD VOR	345649.1S	1383128.3E	171/---	45.0	5200/0	H
ATS ROUTE H140 O/W							
1	UPNEX	332625.6S	1514005.1E	---/338			
3	MATLA	324517.6S	1513154.7E	338/005	41.6	2900/0	B
2	LOSKU	302932.8S	1522133.1E	005/009	141.9	6100/0	B
1	VEGAH	292436.0S	1524924.0E	009/009	69.2	6500/0	B
3	IDNER	285228.5S	1530252.7E	009/---	34.1	4500/0	B
ATS ROUTE H155 O/W							
1	KEPPA	364747.7S	1435833.0E	---/318			
4	MIA VOR	341330.7S	1420438.2E	320/---	179.9	4700/0	H
ATS ROUTE H164 O/W							
3	ML VOR	373936.5S	1445031.2E	---/310			
1	KEPPA	364747.7S	1435833.0E	311/311	66.3	4700/0	H
2	AKNUM	353354.6S	1424716.5E	312/312	93.7	4700/0	H
3	IBABI	333751.1S	1410051.2E	315/315	145.4	4700/0	H
2	LEC NDB	303555.4S	1382632.1E	318/---	223.9	5200/0	H
ATS ROUTE H169 O/W							
3	ML VOR	373936.5S	1445031.2E	---/150			
3	SUNTI	383027.9S	1451248.7E	149/149	53.8	2400/0	B
2	AVNAS	400000.7S	1455300.1E	148/147	94.8	1900/0	B
1	AHOSK	404158.0S	1461236.6E	147/147	44.5	1500/0	B
2	IRSOM	411012.0S	1462603.2E	146/---	30.0	2000/0	B
ATS ROUTE H201 O/W							
3	OLTIN	323307.7S	1511527.0E	---/170			
1	MONDO	325636.2S	1511411.1E	170/170	23.5	3600/0	B
1	LOWEP	330407.6S	1511346.6E	170/170	7.5	3600/0	B
1	YAKKA	331132.4S	1511322.5E	170/170	7.4	3600/0	B
1	MEPIL	332409.8S	1511241.1E	170/170	12.6	2900/0	B
3	TESAT	335637.7S	1511057.3E	170/---	32.4	2400/0	B
ATS ROUTE H205 O/W							
3	BORLI	341458.0S	1460355.3E	---/090			
1	CULIN	344424.0S	1492324.0E	087/---	167.5	5300/0	H
ATS ROUTE H206 O/W							
2	DOVUB	255342.7S	1442006.7E	---/085			
2	DUPUG	260143.1S	1482753.5E	082/084	223.5	0/0	H
2	IDLEG	260848.3S	1505451.4E	082/---	132.5	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE H215 O/W							
3	LT VOR	413237.8S	1471247.7E	---/323			
3	FLIKI	400000.0S	1462336.0E	325/325	99.8	3700/0	B
1	AKTAM	394214.6S	1461429.2E	325/325	19.1	3900/0	B
1	EXROM	392421.3S	1460523.4E	326/326	19.2	3900/0	B
3	ONAGI	382816.4S	1453724.3E	327/319	60.1	3900/0	B
1	WAREN	380100.0S	1451842.0E	320/---	31.0	2400/0	B
ATS ROUTE H224 O/W							
2	PONUX	244253.3S	1541607.0E	---/177			
1	ATROP	265542.1S	1535606.2E	177/234	133.6	1500/0	H
1	TEBOT	270001.5S	1534554.8E	234/226	10.1	1500/0	H
3	BN VOR	272157.9S	1530821.2E	226/---	40.0	2400/0	H
ATS ROUTE H226 O/W							
3	RIC NDB	333549.0S	1504635.0E	---/291			
2	ENPAG	313308.0S	1471141.4E	295/---	219.0	5500/0	H
ATS ROUTE H246 O/W							
3	AD VOR	345649.1S	1383128.3E	---/004			
1	ORBUN	341145.0S	1384316.2E	004/004	46.0	3800/0	B
1	ISROV	331853.7S	1385650.2E	004/004	54.0	5100/0	B
2	DAMOB	314046.1S	1392117.7E	004/004	100.1	5100/0	B
4	GUGAB	294106.8S	1394959.2E	004/004	121.9	5100/0	B
2	OOM NDB	280615.6S	1401156.9E	004/---	96.6	4700/0	B
ATS ROUTE H247 O/W							
3	AD VOR	345649.1S	1383128.3E	---/084			
3	AVDEN	345837.8S	1402057.2E	082/082	90.0	3800/0	B
3	BOLAM	345855.6S	1412810.2E	081/081	55.2	2100/0	B
3	NATYA	345808.2S	1431357.5E	079/079	86.9	2100/0	B
1	TOBOB	345603.0S	1450448.6E	078/077	91.1	2000/0	B
1	CULIN	344424.0S	1492324.0E	073/---	213.2	4500/0	B
ATS ROUTE H252 O/W							
3	TESAT	335637.7S	1511057.3E	---/037			
1	OLSEM	333852.0S	1513618.5E	037/002	27.6	2100/0	H
1	UPNEX	332625.6S	1514005.1E	002/002	12.8	1500/0	H
1	EKIPU	331226.1S	1514426.4E	002/358	14.4	1500/0	H
1	WLM NDB	324812.1S	1514943.6E	358/005	24.6	1700/0	H
3	BANDA	304759.3S	1523423.4E	005/005	125.8	6600/0	H
2	OMKAX	291713.6S	1530652.1E	006/006	94.8	6600/0	H
3	GOMOL	281008.2S	1533014.7E	006/328	70.0	6600/0	H
3	LAGOB	274541.1S	1532003.6E	329/325	26.0	2500/0	H
1	BN VOR	272157.9S	1530821.2E	325/---	25.8	2200/0	H
ATS ROUTE H258 O/W							
2	LHI NDB	313144.1S	1590422.6E	---/229			
2	GOOMA	330938.5S	1550258.2E	232/232	226.6	4500/0	H
2	RIKNI	340455.6S	1523355.8E	234/---	136.1	1500/0	H
ATS ROUTE H309 O/W							
4	MIA VOR	341330.7S	1420438.2E	---/246			
3	TUMAN	343612.8S	1401750.1E	247/248	91.2	2200/0	B
1	KAKLU	344635.7S	1392443.9E	249/248	45.0	3400/0	B
3	AD VOR	345649.1S	1383128.3E	249/---	45.0	3800/0	B
ATS ROUTE H319 O/W							
2	ENPAG	313308.0S	1471141.4E	---/141			
2	PKS VOR	330752.6S	1481414.3E	139/---	108.4	3100/0	H
ATS ROUTE H336 O/W							
1	KEPPA	364747.7S	1435833.0E	---/331			
3	NATYA	345808.2S	1431357.5E	332/---	115.3	4500/0	H
ATS ROUTE H345 O/W							

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	ML VOR	373936.5S	1445031.2E	---/278			
3	NEVIS	371148.0S	1431617.8E	280/280	80.0	4800/0	B
3	BORTO	362334.0S	1404430.5E	283/299	131.1	5200/0	B
3	MAVTO	360450.0S	1401502.5E	299/299	30.3	2600/0	B
1	DRINA	352513.4S	1391405.8E	300/300	63.4	3800/0	B
3	AD VOR	345649.1S	1383128.3E	301/---	45.0	3800/0	B
ATS ROUTE H412 O/W							
3	MEYJI	252034.7S	1455336.8E	---/099			
2	DUPUG	260143.1S	1482753.5E	097/---	145.3	0/0	H
ATS ROUTE H530 O/W							
3	TESAT	335637.7S	1511057.3E	---/303			
3	RIC NDB	333549.0S	1504635.0E	303/303	29.1	2200/0	B
1	BOYSY	332404.6S	1503259.6E	304/304	16.3	5300/0	B
1	IDSUP	325610.7S	1500103.1E	304/304	38.7	4800/0	B
1	EMROT	324519.6S	1494845.6E	305/305	15.0	4900/0	B
2	MUDGI	323339.3S	1493537.3E	305/298	16.1	4700/0	B
1	UNSAR	321217.3S	1490448.3E	298/298	33.7	3800/0	B
1	LASUD	320343.3S	1485234.1E	298/316	13.5	2900/0	B
1	IDGIG	311917.7S	1481834.9E	316/316	53.0	2800/0	B
1	IPGOK	310444.9S	1480735.7E	316/316	17.3	2100/0	B
1	VEXEV	303002.7S	1474139.4E	317/317	41.2	2000/0	B
2	KABIX	301723.4S	1473217.5E	317/324	15.0	1900/0	B
2	POTUM	291744.1S	1465916.2E	325/325	66.1	1900/0	B
2	BAZZA	284458.0S	1464126.3E	325/314	36.2	1900/0	B
2	OPAXA	271524.9S	1452622.9E	315/315	111.3	0/0	B
2	IVRAD	264930.9S	1450509.4E	315/315	32.0	0/0	B
2	DOVUB	255342.7S	1442006.7E	316/316	68.8	2500/0	B
2	AGRAX	224017.4S	1415029.6E	318/318	236.3	2500/0	B
2	OKVAR	212219.0S	1405241.6E	319/319	94.5	2700/0	B
2	IKABI	193422.9S	1393444.0E	320/320	130.1	3100/0	B
2	SURVO	152149.9S	1364006.5E	323/---	301.9	2700/0	B
ATS ROUTE H536 O/W							
1	WLM NDB	324812.1S	1514943.6E	---/164			
1	LIMLO	331249.6S	1515146.3E	163/161	24.6	1600/0	B
1	OMGAB	332412.6S	1515320.7E	161/201	11.4	1500/0	B
1	OMLAV	342101.2S	1510758.0E	201/201	68.1	1500/0	B
1	ABASS	343500.2S	1505636.4E	201/210	16.8	1500/0	B
3	NWA NDB	345704.4S	1503147.2E	210/---	30.1	3500/0	B
ATS ROUTE H630 O/W							
1	ATLIB	290726.5S	1392914.1E	---/184			
1	ANUXU	304751.9S	1390541.3E	184/184	102.2	5200/0	B
1	NIMEK	331640.0S	1382912.1E	184/---	151.7	5200/0	B
ATS ROUTE H652 O/W							
3	MK VOR	211022.8S	1491114.0E	---/164			
3	MAGRA	222535.5S	1492227.8E	163/169	75.7	4100/0	H
2	ALAXU	251308.0S	1493049.2E	168/168	167.2	3400/0	H
2	RILGO	264225.3S	1493525.8E	168/168	89.1	2900/0	H
3	ROKUU	281103.3S	1494007.6E	167/155	88.5	4500/0	H
2	UBLUK	284900.8S	1495112.4E	155/155	39.1	2300/0	H
1	AVBOS	292415.2S	1500137.2E	155/155	36.3	2200/0	H
1	OVNOM	293912.8S	1500604.6E	155/155	15.4	2400/0	H
1	IDOGI	305035.1S	1502740.1E	154/154	73.6	5100/0	H
3	LALIB	320205.1S	1504951.7E	153/160	73.8	5600/0	H
1	IGDAM	322954.7S	1505444.9E	159/159	28.1	3700/0	H
1	SADLO	324717.0S	1505749.5E	159/159	17.5	4200/0	H
1	BOREE	331414.2S	1510238.4E	159/158	27.2	4200/0	H
3	TESAT	335637.7S	1511057.3E	158/---	42.9	4200/0	H
ATS ROUTE J15 T/W							
1	TEDUS	345441.5S	1373648.2E	---/085			
3	AD VOR	345649.1S	1383128.3E	084/---	45.0	2500/2300	B

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE J19 T/W							
3	NATYA	345808.2S	1431357.5E	---/323			
2	UVUPU	335032.1S	1423256.6E	324/324	75.5	2000/2000	B
2	BHI VOR	320002.4S	1412847.9E	326/---	122.8	2600/2600	B
ATS ROUTE J21 LIMITED SEG T/W							
1	BIRER	320417.9S	1182342.3E	---/094			
2	DOTOP	320618.0S	1190448.0E	093/093	35.0	3000/3000	B
3	SORTU	320954.0S	1203854.0E	092/092	80.0	3000/3000	B
2	MUBID	321140.1S	1214756.6E	091/091	58.6	3000/3000	B
2	OLRUX	321548.1S	1252943.7E	088/095	188.2	3300/3300	B
2	IVPEM	323136.0S	1280000.0E	093/093	128.2	1900/2100	B
4	ISLAV	325137.7S	1322047.6E	089/089	221.0	2100/2100	B
2	ABTOD	325942.0S	1350800.0E	086/086	141.0	2900/2900	B
3	WHA NDB	330329.2S	1373127.2E	084/095	120.7	3000/3000	B
1	KABEK	332318.6S	1392439.6E	093/093	97.0	4500/4500	B
3	IBABI	333751.1S	1410051.2E	091/091	81.7	4500/4500	B
2	UVUPU	335032.1S	1423256.6E	090/090	77.8	2000/2000	B
3	BORLI	341458.0S	1460355.3E	086/---	177.0	3200/3100	B
ATS ROUTE J22 T/W							
3	LT VOR	413237.8S	1471247.7E	---/009			
1	MIMIM	403719.7S	1474340.1E	009/009	60.0	6100/6100	B
2	NUNPA	400544.3S	1480053.4E	009/015	34.2	4100/4100	B
3	OTKED	373546.2S	1494306.0E	014/---	169.8	3100/3100	B
ATS ROUTE J27 T/W							
2	GTE NDB	135830.2S	1362719.6E	---/109			
2	GUGUK	145628.5S	1385236.0E	107/---	152.3	2200/2200	B
ATS ROUTE J30 T/W							
4	TNK VOR	193805.1S	1341055.0E	---/337			
2	DOSAM	165410.3S	1331200.3E	338/338	172.6	3000/3000	B
4	TN VOR	143109.1S	1322215.6E	338/---	150.3	2400/2400	B
ATS ROUTE J37 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/008			
3	AVPAS	323134.6S	1374204.0E	008/011	33.1	2400/2400	B
5	LIPLU	312527.0S	1380714.1E	011/011	69.4	4200/4200	B
2	LEC NDB	303555.4S	1382632.1E	011/025	52.1	3700/3700	B
1	ATLIB	290726.5S	1392914.1E	024/025	103.7	3200/3200	B
2	OOM NDB	280615.6S	1401156.9E	024/---	71.7	2000/2000	B
ATS ROUTE J42 LIMITED SEG T/W							
3	WOL NDB	343328.6S	1504727.6E	---/228			
3	CB VOR	351653.2S	1491144.6E	229/234	89.9	4800/4800	B
3	ARRAN	355015.2S	1473821.8E	235/235	83.2	7500/7700	B
3	AY VOR	360404.8S	1465757.9E	236/---	35.6	4900/4900	B
ATS ROUTE J58 LIMITED SEG T/W							
1	AREPA	343427.7S	1375111.0E	---/342			
1	SPOTA	340431.4S	1374436.7E	342/342	30.4	2800/2500	B
3	WHA NDB	330329.2S	1373127.2E	343/---	61.9	2800/2500	B
ATS ROUTE J61 T/W							
3	IKUMA	102548.0S	1270806.0E	---/117			
2	PAGMI	111435.0S	1283921.0E	116/116	102.1	1500/1500	H
1	JULIE	114745.7S	1294213.2E	116/116	70.0	1800/1500	H
2	DN VOR	122523.8S	1305423.3E	115/106	80.0	1800/1800	B
2	LUDPU	123045.7S	1311027.0E	106/106	16.6	2000/2400	H
1	DUKEP	124130.4S	1314247.9E	106/106	33.4	2000/2400	H
1	NOKUN	125106.3S	1321154.0E	106/106	30.0	2200/3300	H
2	SOCAR	131317.3S	1331956.9E	105/105	70.0	3400/3400	H
2	DUMAV	135627.0S	1353544.6E	104/104	139.1	3400/3400	H
2	GUGUK	145628.5S	1385236.0E	102/102	200.1	2600/2600	H
2	GULOP	154912.4S	1415522.4E	101/101	184.2	1800/1600	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	ANDEE	161058.3S	1431407.7E	100/100	78.9	3300/2500	H
1	PUNIT	163751.4S	1445421.7E	099/099	100.0	5900/5100	H
3	CS VOR	165100.1S	1454438.0E	098/---	50.0	5900/5400	H
ATS ROUTE J64 T/W							
2	AS VOR	234734.4S	1335241.6E	---/056			
3	ANZAC	224446.7S	1354925.7E	054/054	124.4	5400/5400	B
2	GAFER	221750.5S	1363807.4E	054/054	52.5	5400/5400	B
5	VINAX	213517.7S	1375332.9E	053/053	81.9	3200/3200	B
3	MA VOR	203952.6S	1392908.3E	052/052	105.0	3300/3200	B
4	RILVO	200644.1S	1402351.7E	051/051	61.1	3200/3400	B
2	ONARA	181903.5S	1431546.8E	050/050	194.9	4100/3500	B
1	VEKBI	173549.7S	1442236.9E	049/049	76.9	5200/4000	B
1	MUSEY	171251.6S	1445740.5E	049/049	40.6	6000/4800	B
3	NONUM	165500.7S	1452442.7E	049/072	31.4	5700/4800	B
3	CS VOR	165100.1S	1454438.0E	071/---	19.5	4900/4900	B
ATS ROUTE J70 T/W							
2	CFS VOR	301910.2S	1530715.2E	---/213			
3	BANDA	304759.3S	1523423.4E	213/213	40.4	5000/5700	B
3	JOKER	312500.0S	1515148.0E	213/205	52.0	6200/6200	B
1	COOPA	314751.2S	1513154.6E	205/205	28.4	6700/6700	H
2	INOKE	320200.4S	1511929.2E	205/205	17.6	6700/6700	H
1	IGDAM	322954.7S	1505444.9E	205/---	34.9	6700/6700	H
ATS ROUTE J72 T/W							
3	ARG VOR	163754.1S	1282655.5E	---/014			
2	KU VOR	154631.7S	1284231.4E	014/030	53.3	3300/3300	B
2	JULUP	133312.8S	1301025.5E	030/030	157.7	2600/2600	B
1	WANGI	130747.6S	1302657.1E	030/030	30.0	2200/2100	B
2	DN VOR	122523.8S	1305423.3E	030/---	50.0	2200/2100	B
ATS ROUTE J89 T/W							
3	MA VOR	203952.6S	1392908.3E	---/117			
4	SARIK	220032.4S	1414545.5E	115/115	150.7	3400/3400	B
3	LRE NDB	232542.3S	1441720.9E	113/109	163.8	2700/2700	B
2	PUDUR	242355.0S	1462922.1E	107/107	134.2	3900/3900	B
3	UNVAT	254809.9S	1495346.5E	104/---	203.7	5500/5500	B
ATS ROUTE J93 T/W							
2	LM VOR	221405.4S	1140538.9E	---/059			
3	ONSLO	213959.4S	1150643.4E	058/058	66.2	2100/2100	B
2	KA VOR	204254.3S	1164626.2E	057/078	109.2	2200/2200	B
2	PD VOR	202242.5S	1183721.8E	078/054	106.0	1900/1900	B
2	VEMTO	191000.0S	1202636.0E	053/053	125.9	1600/1900	B
4	BRM NDB	175646.7S	1221407.1E	052/076	125.5	1800/1500	B
2	CIN VOR	173519.6S	1235107.2E	075/063	95.0	1800/1800	B
2	MAMUT	162546.0S	1262553.3E	062/072	163.7	4300/4600	B
2	KU VOR	154631.7S	1284231.4E	071/---	137.2	4300/4000	B
ATS ROUTE J138 T/W							
2	NOKUN	125106.3S	1321154.0E	---/118			
2	IGUVI	132702.4S	1331432.2E	117/117	70.8	3300/3300	H
2	SURVO	152149.9S	1364006.5E	115/115	229.9	3300/3300	H
2	NTN NDB	174144.7S	1410422.9E	112/101	289.6	2300/2000	H
2	ONARA	181903.5S	1431546.8E	100/100	130.6	3500/4000	H
3	TL VOR	191439.1S	1464529.1E	098/---	206.5	5100/4900	H
ATS ROUTE J141 T/W							
3	KG VOR	304723.4S	1212710.0E	---/092			
2	SEVSI	305059.7S	1233737.0E	090/090	112.4	2900/3000	B
3	SEEMO	305220.7S	1255215.9E	088/088	115.9	2800/2900	B
2	FRT NDB	305117.6S	1280557.7E	086/088	115.1	2400/2100	B
3	BEZZA	305130.0S	1314830.0E	084/084	191.5	2400/2400	H
4	RUSAD	304909.8S	1334023.3E	083/083	96.4	2600/2600	H
2	LEC NDB	303555.4S	1382632.1E	079/102	247.0	3700/3700	H
3	SAPED	312107.3S	1410025.7E	100/100	139.8	5100/5100	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	NEWMO	320128.2S	1433100.0E	098/098	134.6	3000/3000	H
2	PKS VOR	330752.6S	1481414.3E	093/---	248.3	3300/3300	H
ATS ROUTE J142 T/W							
3	CB VOR	351653.2S	1491144.6E	---/246			
3	NONUP	352550.1S	1481755.8E	247/247	44.9	7000/8200	H
3	BORTO	362334.0S	1404430.5E	254/---	372.7	7000/8200	H
ATS ROUTE J149 T/W							
2	CDU NDB	320735.6S	1334337.0E	---/102			
3	ANITA	323823.6S	1354438.7E	100/100	107.0	2900/2900	B
3	WHA NDB	330329.2S	1373127.2E	098/---	93.4	2900/2900	B
ATS ROUTE J151 T/W							
3	CS VOR	165100.1S	1454438.0E	---/290			
1	ANDOP	162826.8S	1445806.9E	290/290	50.0	5900/5900	H
2	KOOKA	154249.8S	1432534.1E	291/291	100.0	5900/5900	H
2	AROXO	132810.7S	1390340.3E	294/294	287.2	2600/3300	H
3	GV VOR	121554.1S	1364859.1E	295/264	150.0	1800/1800	H
2	TUSTU	122041.5S	1342444.3E	265/265	141.3	2300/2500	B
3	IBOMU	122353.2S	1321606.3E	266/266	125.9	3300/2800	B
2	DN VOR	122523.8S	1305423.3E	267/230	80.0	2900/2100	B
1	HELLI	131434.6S	1294937.0E	230/230	80.0	1900/2200	B
1	IRPOM	140936.0S	1283612.0E	230/230	90.1	1500/2500	B
2	SUNPO	145158.1S	1273857.7E	231/231	69.7	3000/3300	B
5	JATAR	162639.4S	1252821.4E	231/231	157.4	4500/4100	B
2	CIN VOR	173519.6S	1235107.2E	232/238	115.6	4500/4100	B
2	SAFIR	192200.0S	1203430.0E	239/239	215.0	2100/2400	B
2	PD VOR	202242.5S	1183721.8E	240/---	125.9	2400/1700	B
ATS ROUTE J163 T/W							
2	TASUM	425049.6S	1473136.0E	---/352			
1	VEKLO	420515.1S	1473952.6E	353/353	46.0	4200/5000	B
2	NUNPA	400544.3S	1480053.4E	353/357	120.5	6700/6700	B
1	MAKRL	382952.2S	1482528.0E	358/358	97.7	2900/2900	H
3	CB VOR	351653.2S	1491144.6E	358/---	196.3	8700/7500	H
ATS ROUTE J174 T/W							
2	MEK VOR	263625.3S	1183157.0E	---/000			
2	MAMUB	231639.1S	1183454.4E	360/360	199.2	5500/5500	L
2	PD VOR	202242.5S	1183721.8E	360/---	173.3	5500/5500	L
ATS ROUTE J184 T/W							
2	TL VOR	191439.1S	1464529.1E	---/250			
1	ALBEE	192241.8S	1460822.3E	250/250	36.0	4200/4900	B
2	WISKA	193431.6S	1451230.5E	251/251	54.1	4100/4900	B
2	OKODU	195858.8S	1431125.0E	252/252	116.8	5000/5000	B
3	PENAR	202116.5S	1411355.8E	253/253	112.7	4400/4400	B
3	MA VOR	203952.6S	1392908.3E	254/---	100.1	3500/3500	B
ATS ROUTE J199 T/W							
2	MAKNI	101851.9S	1253331.3E	093/093	110.8	0/0	H
2	IKUMA	102548.0S	1270806.0E	092/092	93.5	1500/1900	H
2	TATAP	104539.5S	1331520.6E	090/090	362.2	1900/1900	H
2	NOPAG	105156.7S	1355229.1E	089/088	154.8	1700/1700	H
3	ROOKI	105649.7S	1391216.3E	087/087	196.6	1700/1700	H
2	PEBTA	105750.6S	1401030.7E	087/---	57.3	1500/1500	H
ATS ROUTE J208 T/W							
3	BN VOR	272157.9S	1530821.2E	---/120			
1	POODL	273112.9S	1532019.8E	120/119	14.1	2200/5300	H
1	SCOTT	275206.0S	1534800.0E	119/118	32.2	2200/5300	H
2	KIBAT	285805.3S	1551853.7E	117/117	103.7	1500/5300	H
2	LHI NDB	313144.1S	1590422.6E	113/---	248.2	4500/4500	H
ATS ROUTE J251 T/W							
2	DN VOR	122523.8S	1305423.3E	---/143			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◮ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	LAKUP	130610.5S	1312239.9E	143/143	49.1	2600/2600	B
1	ANGED	133555.8S	1314325.8E	143/143	35.9	2600/2600	B
4	TN VOR	143109.1S	1322215.6E	142/168	66.7	2600/2600	B
3	BONES	161043.4S	1323741.0E	168/168	100.3	2400/2500	B
2	GREGA	170020.2S	1324528.0E	168/168	50.0	2400/2500	B
2	RUPUS	211925.3S	1332729.1E	167/167	261.1	4200/3800	B
2	AS VOR	234734.4S	1335241.6E	166/155	149.5	5500/5000	B
3	SADEL	250224.0S	1342300.0E	155/155	79.6	4000/4000	B
2	SOTMI	265530.0S	1351012.0E	154/154	120.5	3000/3100	B
3	GOMUL	273316.5S	1352629.5E	153/156	40.4	2400/2400	B
5	CARTS	294116.1S	1361421.3E	155/155	134.4	2800/2800	B
4	WR NDB	310836.5S	1364829.7E	154/156	92.0	2200/2200	B
1	OJJAY	322840.1S	1371813.9E	155/155	83.8	2500/2500	B
3	WHA NDB	330329.2S	1373127.2E	155/---	36.5	2500/2500	B
ATS ROUTE J328 T/W							
2	ISTEM	243551.2S	1602300.1E	---/200			
4	MISLY	304941.4S	1555331.5E	201/191	442.8	0/0	H
2	BISAB	320757.7S	1551238.2E	191/---	85.6	0/0	H
ATS ROUTE J400 T/W							
4	BRM NDB	175646.7S	1221407.1E	---/282			
3	AKRUM	171400.9S	1192059.8E	283/283	170.8	0/0	B
2	ISKAN	165234.1S	1175814.6E	284/284	82.1	0/0	B
3	SUMPA	163142.5S	1164001.7E	285/285	77.9	0/0	B
3	UPTAM	154720.8S	1140015.3E	285/285	160.0	0/0	B
2	METAB	150128.0S	1112305.1E	286/279	158.6	0/0	B
3	MALBI	142959.2S	1082703.8E	280/280	173.4	0/0	B
3	PUBAR	135812.8S	1052950.9E	281/281	175.0	0/0	B
3	PAKLA	132417.8S	1023328.2E	282/282	175.0	0/0	B
3	JUSAN	124820.1S	0993756.5E	283/283	175.0	0/0	B
3	CC VOR	121202.0S	0965027.3E	285/---	167.8	0/0	B
ATS ROUTE J401 T/W							
2	HID NDB	103531.4S	1421733.2E	---/170			
2	GOPMI	132124.7S	1423200.9E	170/170	165.8	0/0	H
2	BEPKU	174607.5S	1425549.5E	169/169	264.6	0/0	H
2	RENAK	215849.0S	1431941.0E	168/---	252.7	0/0	H
ATS ROUTE J917 T/W							
3	CS VOR	165100.1S	1454438.0E	---/043			
2	TENCH	145346.6S	1480341.8E	042/042	177.7	3500/4100	H
2	TICAL	120000.0S	1512231.1E	041/---	259.7	1500/1500	H
ATS ROUTE L503 T/W							
4	RUNOD	360925.0S	1630000.0E	300/299	469.9	0/0	H
2	TESAS	332050.6S	1594932.5E	303/303	230.1	0/0	H
3	UPSAD	310031.1S	1572348.5E	306/306	186.8	0/0	H
4	SIFRA	294804.9S	1561224.6E	307/307	95.0	0/0	H
1	WODAY	285504.0S	1552137.5E	308/308	69.0	0/0	H
2	SAVER	273110.7S	1540335.7E	310/---	108.4	0/0	H
ATS ROUTE L508 T/W							
4	OMKIN	422452.0S	1630000.0E	261/261	202.0	0/0	H
4	KAGRI	412754.3S	1575000.5E	267/267	238.2	0/0	H
4	ECKHO	393928.2S	1503103.9E	275/275	351.5	0/0	H
1	MILLA	381256.1S	1455337.2E	281/---	233.1	0/0	H
ATS ROUTE L511 O/W							
2	SBR VOR	072226.2S	1124616.4E	---/138			H
4	BOPLO	120000.0S	1165506.0E	138/---	369.7	0/0	H
ATS ROUTE L513 T/W							
4	TAPAX	361818.0S	1250000.0E	---/116			
4	TEKUP	381524.0S	1300000.0E	110/110	266.4	0/0	H
4	TAGOD	395430.0S	1350000.0E	104/104	253.7	0/0	H
4	TUNGO	413112.0S	1410000.0E	096/096	290.2	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	TASUM	425049.6S	1473136.0E	088/068	301.7	0/0	H
4	HEWIT	423000.6S	1505528.6E	064/064	151.8	0/0	H
4	KAGRI	412754.3S	1575000.5E	058/058	315.2	0/0	H
3	TUVBI	405355.8S	1604237.1E	055/054	134.7	0/0	H
4	MIDAT	402158.0S	1630000.0E	053/053	109.4	0/0	H
ATS ROUTE L514 O/W							
4	EGATU	120000.0S	1160536.0E	---/174			
3	VEDKI	144742.5S	1161913.2E	174/174	167.5	0/0	H
2	MAPTU	152003.5S	1162153.1E	174/174	32.3	0/0	H
2	OSOTO	180715.4S	1163553.9E	174/174	167.1	0/0	H
3	MUNNI	211233.8S	1165157.9E	174/180	185.2	0/0	H
2	GUTLI	240636.6S	1164749.9E	181/181	173.5	0/0	B
4	BANKS	250112.0S	1164630.0E	181/181	54.4	0/0	B
3	IGASO	263818.5S	1164404.4E	181/181	96.8	0/0	B
2	PALTI	275109.0S	1164212.6E	181/181	72.7	0/0	B
2	TOPIR	291100.0S	1164007.1E	182/182	79.7	0/0	B
1	AVPAL	303312.5S	1163754.4E	182/---	82.0	0/0	H
ATS ROUTE L521 O/W							
3	TESAT	335637.7S	1511057.3E	---/097			
3	EVONN	341142.7S	1520152.3E	096/096	44.9	0/0	H
2	GEROS	350105.5S	1545954.6E	093/093	155.0	0/0	H
4	REPUD	354650.9S	1580455.3E	090/086	158.0	0/0	H
4	LEGAN	363124.7S	1630000.0E	082/082	243.0	0/0	H
ATS ROUTE L774 T/W							
4	LELED	111636.0S	0750000.0E	---/067			
2	UBNIS	081618.0S	0800000.0E	064/064	346.3	0/0	H
4	IDEVI	061300.0S	0831854.0E	062/062	232.7	0/0	H
3	DAOVO	025218.0S	0883542.0E	060/060	374.1	0/0	H
4	ELATI	020000.0S	0895742.0E	060/060	97.2	0/0	H
ATS ROUTE L894 T/W							
2	DADAR	020000.0S	0792706.0E	140/140	126.0	0/0	H
3	KAMUN	033018.0S	0805330.0E	140/142	124.7	0/0	H
4	IDEVI	061300.0S	0831854.0E	142/138	217.4	0/0	H
4	SAKEG	081016.8S	0852003.6E	138/138	167.7	0/0	H
2	RUNUT	134937.3S	0912250.0E	137/137	491.2	0/0	H
4	POLUM	200000.0S	0983248.1E	134/134	553.0	0/0	H
2	SINAM	260000.0S	1062905.8E	131/131	567.0	0/0	H
4	MERIB	300400.0S	1124506.0E	127/---	412.1	0/0	H
ATS ROUTE M625 T/W							
2	TOMAR	410814.5S	1630000.0E	255/257	334.6	0/0	H
4	BOTGU	402240.8S	1564645.0E	263/263	287.2	0/0	H
4	GIVID	391412.4S	1502737.4E	271/270	300.0	0/0	H
1	ELNIV	383622.2S	1473159.6E	273/273	142.2	0/0	H
1	MILLA	381256.1S	1455337.2E	275/---	80.8	0/0	H
ATS ROUTE M636 T/W							
4	SASRO	383451.0S	1630000.0E	272/273	369.2	0/0	H
2	VELKU	370421.0S	1583000.2E	278/278	232.2	0/0	H
4	PLUGA	353626.6S	1544119.8E	282/284	204.5	0/0	H
2	CAWLY	341934.4S	1515728.4E	287/287	155.0	0/0	H
3	TESAT	335637.7S	1511057.3E	288/---	44.9	0/0	H
ATS ROUTE M639 T/W							
2	SAVER	273110.7S	1540335.7E	---/122			
1	NETTY	284350.4S	1553034.4E	121/121	105.7	0/0	H
2	LHI NDB	313144.1S	1590422.6E	117/118	249.8	0/0	H
4	VEPAS	342447.0S	1630000.0E	114/114	262.9	0/0	H
ATS ROUTE M641 T/W							
4	DOGAR	020000.0S	0875100.0E	141/142	134.4	0/0	H
4	PIBED	052012.0S	0904400.0E	141/141	263.8	1500/1500	H
2	CC VOR	121202.0S	0965027.3E	140/143	547.3	1500/1500	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◬

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	IKASA	200000.0S	1032909.6E	141/141	603.5	1500/1500	H
2	UXORA	260000.0S	1091343.7E	139/145	479.2	1500/1500	H
4	MERIB	300400.0S	1124506.0E	144/---	306.9	1500/1500	H
ATS ROUTE M643 T/W							
2	ELGUN	432654.8S	1630000.0E	246/246	172.6	0/0	
4	FONLO	432852.1S	1574628.3E	251/251	228.3	0/0	H
4	PECOB	430942.7S	1505613.1E	259/259	300.0	0/0	H
2	TASUM	425049.6S	1473136.0E	263/---	151.3	0/0	H
ATS ROUTE M766 T/W							
4	SATNA	110412.0S	1243412.0E	101/101	277.4	0/0	H
2	IDOTO	113106.0S	1263848.4E	100/101	125.3	0/0	H
2	LARAB	120403.6S	1291133.4E	100/100	153.4	0/0	H
1	JACKI	120845.1S	1293425.9E	099/100	22.9	0/0	H
2	DN VOR	122523.8S	1305423.3E	099/---	80.0	0/0	H
ATS ROUTE M768 T/W							
4	ELBIS	090518.0S	1274342.0E	136/135	84.1	0/0	
2	AVMAN	103558.0S	1290920.0E	135/139	123.7	0/0	H
2	ANUPA	113051.6S	1295424.7E	139/131	70.4	0/0	H
2	DN VOR	122523.8S	1305423.3E	130/---	80.0	0/0	B
ATS ROUTE N509 T/W							
2	PD VOR	202242.5S	1183721.8E	---/298			
2	TIMET	190741.0S	1161917.1E	299/299	150.2	1600/2100	H
2	DECEM	164605.4S	1121208.8E	301/301	274.6	1500/1500	H
4	TANEM	153108.0S	1100712.2E	302/301	141.5	1500/1500	H
3	MALBI	142959.2S	1082703.8E	302/302	114.5	1500/1500	H
4	TATOD	105906.0S	1025842.0E	304/304	383.4	1500/1500	H
4	MUTMI	040800.0S	0925842.0E	307/307	722.5	1500/1500	H
4	ELATI	020000.0S	0895742.0E	307/---	221.4	1500/1500	H
ATS ROUTE N584 T/W							
4	SAKBI	350558.3S	1591141.2E	---/318			
4	SIFRA	294804.9S	1561224.6E	323/294	351.6	0/0	H
2	LAMSI	282628.0S	1541137.6E	296/---	133.5	0/0	H
ATS ROUTE N628 T/W							
3	DADAR	020000.0S	0792706.0E	268/269	328.3	0/0	H
2	SABEK	020833.0S	0775337.0E	269/269	94.0	0/0	H
ATS ROUTE N633 T/W							
4	POSOD	032930.0S	0940954.0E	243/243	240.0	0/0	H
4	PIBED	052012.0S	0904400.0E	244/244	233.3	0/0	H
4	SAKEG	081016.8S	0852003.6E	247/247	364.0	0/0	H
3	PANDU	113806.0S	0782636.0E	251/251	457.4	0/0	H
4	PEDPI	131636.0S	0750000.0E	254/---	224.7	0/0	H
ATS ROUTE N640 T/W							
4	ELATI	020000.0S	0895742.0E	136/134	84.7	0/0	H
2	PIPOV	042206.0S	0923230.0E	134/134	209.7	1500/1500	H
4	EMVAS	112812.0S	1002942.0E	132/132	635.4	1500/1500	H
4	EGAVI	182924.0S	1090224.0E	129/129	649.5	1500/1500	H
3	TARAK	204545.4S	1120306.6E	128/128	218.0	1500/1500	H
2	LM VOR	221405.4S	1140538.9E	127/139	144.2	2500/2500	H
4	BANKS	250112.0S	1164630.0E	137/125	222.6	5000/5000	H
2	NOPED	263631.2S	1192012.3E	123/117	168.1	5000/5000	H
2	EKUNO	290046.1S	1244209.0E	113/121	319.6	3600/3600	H
2	FRT NDB	305117.6S	1280557.7E	118/117	208.6	3300/3300	H
4	ISLAV	325137.7S	1322047.6E	113/113	248.0	2000/2000	H
2	KAMBI	340805.6S	1352023.3E	110/101	168.5	2200/2200	H
3	LUVOK	343053.2S	1364653.4E	100/100	75.2	2500/2600	B
1	ATNAR	344402.4S	1373902.7E	099/099	45.0	2100/2000	B
3	AD VOR	345649.1S	1383128.3E	098/---	45.0	2100/2000	B
ATS ROUTE N750 T/W							
4	SULON	395131.0S	1630000.0E	281/281	326.0	0/0	H
2	BOKED	373140.4S	1581109.9E	287/287	265.8	0/0	H
4	PLUGA	353626.6S	1544119.8E	291/---	204.5	0/0	H
ATS ROUTE N752 O/W							
1	AVNEX	304844.7S	1155137.6E	---/319			
2	POKIP	290218.0S	1140118.0E	320/341	143.1	0/0	H
2	NONOG	251727.9S	1122738.4E	341/341	239.2	0/0	H
4	UPNOT	183922.3S	1095541.7E	341/341	421.0	0/0	H
3	MALBI	142959.2S	1082703.8E	341/341	262.5	0/0	H
4	ATMAL	120000.0S	1073530.0E	341/341	157.6	0/0	H
ATS ROUTE N759 T/W							
3	ML VOR	373936.5S	1445031.2E	---/085			
1	BADGR	374306.0S	1452800.0E	085/087	30.0	0/0	H
1	ANGEX	374741.8S	1460527.6E	086/086	30.1	0/0	H
4	GEMAC	381325.8S	1501930.5E	082/082	202.4	0/0	H
4	MIKEG	383544.8S	1573204.7E	075/075	340.6	0/0	H
4	SASRO	383451.0S	1630000.0E	069/069	257.1	0/0	H
ATS ROUTE N774 O/W							
4	OLREL	353903.0S	1630000.0E	262/262	379.2	0/0	H
4	AKALU	342230.5S	1550950.1E	269/263	393.6	0/0	H
2	NONID	341428.6S	1535449.2E	264/264	62.7	0/0	H
2	RIKNI	340455.6S	1523355.8E	265/263	67.8	0/0	H
3	MARLN	340205.0S	1520402.1E	264/264	25.0	0/0	H
3	TESAT	335637.7S	1511057.3E	265/---	44.5	0/0	H
ATS ROUTE P627 T/W							
4	KADAP	020000.0S	0840936.0E	236/236	54.9	0/0	H
4	KABTA	055430.0S	0790000.0E	238/238	387.5	0/0	H
4	KALBI	085218.0S	0750000.0E	241/---	296.9	0/0	H
ATS ROUTE P753 T/W							
1	WAREN	380100.0S	1451842.0E	---/102			
1	MILLA	381256.1S	1455337.2E	101/107	30.0	0/0	H
4	DADAD	400842.8S	1503506.2E	101/101	247.5	0/0	H
4	SMIFF	420930.8S	1563847.5E	093/093	300.0	0/0	H
4	BUGBA	434856.0S	1630000.0E	085/085	296.8	0/0	H
ATS ROUTE P766 T/W							
4	TONIM	360153.7S	1542045.9E	---/122			
4	MIKEG	383544.8S	1573204.7E	117/117	216.5	0/0	H
4	OMKIN	422452.0S	1630000.0E	110/108	339.0	0/0	H
ATS ROUTE P880 T/W							
4	NUMSA	392511.0S	1630000.0E	305/305	291.2	0/0	H
4	SAKBI	350558.3S	1591141.2E	310/310	316.5	0/0	H
4	MISLY	304941.4S	1555331.5E	315/315	305.3	0/0	H
2	LAMSI	282628.0S	1541137.6E	317/317	168.2	0/0	H
1	SCOTT	275206.0S	1534800.0E	317/---	40.1	0/0	H
ATS ROUTE Q4 O/W							
1	SANEG	274904.2S	1530238.3E	---/210			
3	OSTAM	282247.0S	1522907.0E	210/221	44.8	0/0	B
3	BOBOP	285553.9S	1514050.3E	221/222	53.8	0/0	B
2	TAXEG	291323.1S	1511413.2E	222/223	29.1	0/0	B
1	PAVBI	293838.3S	1503406.8E	224/258	43.1	0/0	B
1	OVNOM	293912.8S	1500604.6E	258/258	24.4	0/0	B
1	IDBUG	294021.7S	1483941.2E	259/231	75.3	0/0	B
1	RUXIB	301436.9S	1472607.8E	232/217	72.5	0/0	B
4	MIA VOR	341330.7S	1420438.2E	221/239	362.1	0/0	B
3	WOONA	344407.6S	1403159.1E	240/---	82.5	0/0	B
ATS ROUTE Q7 O/W							
2	PBO VOR	231021.4S	1174413.3E	---/183			
3	ISDOR	260754.0S	1173223.4E	183/---	177.3	0/0	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 5

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Q8 O/W							
1	AREPA	343427.7S	1375111.0E	---/310			
3	AKDAV	330146.5S	1361212.9E	312/---	123.9	0/0	H
ATS ROUTE Q9 O/W							
2	PD VOR	202242.5S	1183721.8E	---/188			
3	GOOTA	220138.0S	1181918.7E	189/189	100.0	0/0	B
2	TUREK	231348.6S	1180552.3E	189/189	73.0	0/0	H
3	ISDOR	260754.0S	1173223.4E	190/190	176.2	0/0	H
2	RULVI	275013.3S	1171155.2E	190/190	103.7	0/0	H
1	AVPAL	303312.5S	1163754.4E	191/---	165.3	0/0	H
ATS ROUTE Q10 O/W							
2	MUBID	321140.1S	1214756.6E	---/265			
1	NODEV	322013.6S	1183621.3E	268/268	162.7	0/0	H
1	MALUP	322150.0S	1173922.2E	269/---	48.3	0/0	H
ATS ROUTE Q11 O/W							
2	SUGAB	284629.0S	1191312.2E	---/234			
2	NOMAV	291203.9S	1183136.4E	235/---	44.5	0/0	H
ATS ROUTE Q15 O/W							
1	OMLAV	342101.2S	1510758.0E	---/221			
2	WOL NDB	343328.6S	1504727.6E	221/---	21.0	0/0	H
ATS ROUTE Q16 O/W							
3	GOMOL	281008.2S	1533014.7E	---/218			
1	APAGI	285056.0S	1523507.1E	219/219	63.4	0/0	H
1	ISKIM	293056.7S	1513947.0E	219/251	62.8	0/0	H
1	PAVBI	293838.3S	1503406.8E	252/224	57.8	0/0	H
1	OLKUR	295351.5S	1500937.2E	224/224	26.2	0/0	H
1	OBKOB	304408.6S	1484653.1E	225/225	87.4	0/0	H
2	LOSPI	310817.7S	1480606.1E	225/226	42.6	0/0	H
1	VENEL	332824.4S	1434624.5E	229/232	260.7	0/0	H
4	MIA VOR	341330.7S	1420438.2E	233/---	96.0	0/0	H
ATS ROUTE Q17 O/W							
1	PH VOR	315642.2S	1155733.2E	---/350			
1	OTLED	304952.0S	1154203.0E	350/335	68.0	0/0	L
1	ONGAR	291200.3S	1144755.0E	336/---	108.3	0/0	L
ATS ROUTE Q20 O/W							
1	AVNEX	304844.7S	1155137.6E	---/331			
1	ONGAR	291200.3S	1144755.0E	332/---	111.2	0/0	H
ATS ROUTE Q22 O/W							
1	BORTO	362334.0S	1404430.5E	---/262			
2	OTBOK	360833.3S	1350000.0E	268/268	279.0	0/0	H
2	NODUR	355112.0S	1313000.0E	272/---	171.3	0/0	H
ATS ROUTE Q23 O/W							
4	TN VOR	143109.1S	1322215.6E	---/348			
1	NOLEK	141249.0S	1321919.0E	348/322	18.5	0/0	B
1	STOES	132654.9S	1314704.5E	323/323	55.4	0/0	B
1	ALLEE	130150.0S	1312934.0E	323/323	30.3	0/0	B
2	VEGPU	123959.9S	1311422.7E	323/323	26.3	0/0	B
1	ITTSA	123632.5S	1311158.7E	323/300	4.2	0/0	B
2	DN VOR	122523.8S	1305423.3E	300/---	20.5	0/0	B
ATS ROUTE Q24 O/W							
1	GUDSO	261644.8S	1530614.3E	---/334			
1	TERUV	253741.8S	1525429.3E	334/328	40.3	0/0	H
2	KELPI	223410.2S	1513511.6E	329/---	196.8	0/0	H
ATS ROUTE Q25 O/W							
2	BIDAP	242404.6S	1231444.3E	---/218			
3	SOVMU	264754.0S	1205730.3E	220/220	189.6	0/0	H
2	NOMAV	291203.9S	1183136.4E	222/235	193.2	0/0	H
1	COPDI	293319.7S	1175629.5E	236/236	37.3	0/0	H
1	DALWU	301440.6S	1164643.6E	237/---	73.3	0/0	H
ATS ROUTE Q27 O/W							
4	TAPAX	361818.0S	1250000.0E	---/296			
3	MOLGA	340218.0S	1200054.0E	301/301	280.2	0/0	H
2	TAMOD	331606.0S	1182818.0E	302/323	90.0	0/0	H
1	MALUP	322150.0S	1173922.2E	324/---	68.1	0/0	H
ATS ROUTE Q29 O/W							
1	LEECE	350315.1S	1495737.3E	---/222			
1	TANTA	355250.4S	1483154.3E	223/223	85.8	0/0	H
1	ANLID	360704.0S	1480633.0E	223/223	25.0	0/0	H
1	RUMIE	361947.3S	1474342.5E	223/223	22.4	0/0	H
1	NABBA	364219.2S	1470231.4E	224/224	40.1	0/0	H
1	BULLA	370440.1S	1462049.6E	225/225	40.2	0/0	H
1	LUVAS	371821.5S	1455451.1E	225/225	24.9	0/0	H
1	LIZZI	372702.2S	1453816.8E	225/240	15.8	0/0	H
1	ML VOR	373936.5S	1445031.2E	240/---	40.0	0/0	H
ATS ROUTE Q30 O/W							
2	TL VOR	191439.1S	1464529.1E	---/177			
1	ANRUB	195921.5S	1464217.4E	176/182	44.6	3700/0	B
3	MATAR	220618.5S	1461849.5E	182/---	128.4	0/0	H
ATS ROUTE Q31 O/W							
1	KAPGA	225808.1S	1184849.0E	---/172			
3	MOPET	232254.8S	1185157.8E	172/193	24.9	0/0	H
2	ORESO	253027.0S	1181745.0E	193/195	130.9	0/0	H
3	BELEL	262803.8S	1175928.9E	196/196	59.8	0/0	H
2	AVMAS	275238.7S	1173204.4E	196/196	87.8	0/0	H
1	AVPAL	303312.5S	1163754.4E	198/---	167.0	0/0	H
ATS ROUTE Q32 O/W							
1	BORLI	341458.0S	1460355.3E	---/257			
2	KAMBI	340805.6S	1352023.3E	267/267	533.6	0/0	H
2	ISRED	335306.0S	1313000.0E	271/271	192.1	0/0	H
2	ALBIX	333254.0S	1280000.0E	274/274	176.3	0/0	H
2	SUPAS	331054.0S	1250000.0E	277/277	152.3	0/0	H
1	DUNDA	324254.0S	1215200.0E	280/276	160.6	0/0	H
1	NODEV	322013.6S	1183621.3E	279/---	166.9	0/0	H
ATS ROUTE Q33 O/W							
3	AD VOR	345649.1S	1383128.3E	---/256			
1	GILES	350017.7S	1374752.1E	257/257	36.0	0/0	H
2	LONLY	351112.0S	1350000.0E	260/265	138.2	0/0	H
2	LESON	350312.0S	1313000.0E	269/272	172.4	0/0	H
2	LOTGI	343900.0S	1280000.0E	276/276	174.5	0/0	H
2	LUCRE	341318.0S	1250000.0E	279/279	151.1	0/0	H
3	ESP VOR	334050.1S	1214925.6E	282/---	161.8	0/0	H
ATS ROUTE Q35 O/W							
1	SU VOR	263551.7S	1530525.1E	---/122			
1	MOOLO	264932.3S	1532145.3E	122/171	20.0	0/0	H
1	MUDDL	272216.0S	1532047.0E	170/200	32.6	0/0	H
3	SANEG	274904.2S	1530238.3E	200/204	31.2	0/0	H
1	ISKIM	293056.7S	1513947.0E	205/198	125.0	0/0	H
1	OSOTI	300009.9S	1512045.4E	198/198	33.5	0/0	H
1	EKABO	310355.0S	1503828.7E	199/210	73.3	0/0	H
1	OSRAR	315034.0S	1494929.6E	211/214	62.6	0/0	H
2	AKPAL	322224.1S	1491046.7E	215/215	45.7	0/0	H
2	PKS VOR	330752.6S	1481414.3E	215/206	65.8	0/0	H
1	IGMIL	351729.3S	1461054.7E	208/208	164.9	0/0	H
3	POLSO	354646.5S	1454150.7E	208/208	37.7	0/0	H
1	ORINO	363947.3S	1444800.2E	209/209	68.6	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	CANTY	364824.0S	1443906.0E	209/---	11.2	0/0	H
ATS ROUTE Q36 O/W							
3	PULOL	242716.2S	1364543.8E	---/254			
1	ANGAS	250758.5S	1322622.2E	257/---	239.5	0/0	H
ATS ROUTE Q38 O/W							
4	BRM NDB	175646.7S	1221407.1E	---/212			
1	BUDLO	184705.8S	1213926.3E	212/194	60.0	0/0	B
2	LOTVI	194859.1S	1212053.0E	194/200	64.1	0/0	B
4	NWN VOR	232515.9S	1194810.9E	201/200	232.2	0/0	B
3	OPALL	263443.0S	1182708.2E	201/201	202.7	0/0	H
2	UNVAX	275455.3S	1175123.2E	202/202	86.1	0/0	H
1	DALWU	301440.6S	1164643.6E	203/203	150.5	0/0	H
1	AVPAL	303312.5S	1163754.4E	203/199	20.0	0/0	H
1	HINDS	304741.6S	1163216.5E	200/200	15.2	0/0	H
1	CALIG	310159.9S	1162641.0E	200/200	15.1	0/0	H
2	JULIM	312458.6S	1161738.4E	200/210	24.2	0/0	H
1	WOORA	314511.2S	1160441.3E	210/209	23.0	0/0	H
1	PH VOR	315642.2S	1155733.2E	210/---	13.0	0/0	H
ATS ROUTE Q39 O/W							
2	DUBUD	290030.4S	1564139.0E	---/289			
1	GATER	282655.4S	1554104.0E	290/290	62.9	0/0	H
2	SAVER	273110.7S	1540335.7E	292/---	102.6	0/0	H
ATS ROUTE Q41 O/W							
2	AYE NDB	251021.7S	1305829.3E	---/230			
2	SAROK	262339.3S	1290424.8E	232/232	126.3	0/0	H
3	BUNNY	273248.6S	1271212.9E	233/233	121.7	0/0	H
4	EKUNO	290046.1S	1244209.0E	235/235	158.9	0/0	H
3	KG VOR	304723.4S	1212710.0E	238/238	200.1	0/0	H
2	NALAR	311834.4S	1202718.6E	239/246	60.1	0/0	H
1	BIRER	320417.9S	1182342.3E	248/245	114.9	0/0	H
1	MALUP	322150.0S	1173922.2E	246/---	41.5	0/0	H
ATS ROUTE Q42 O/W							
1	IDBUG	294021.7S	1483941.2E	---/254			
2	ANROM	294733.6S	1470618.9E	256/---	81.6	0/0	H
ATS ROUTE Q46 O/W							
1	BORTO	362334.0S	1404430.5E	---/268			
2	DONBU	353859.0S	1350000.0E	274/274	282.9	0/0	H
2	LESON	350312.0S	1313000.0E	278/---	175.4	0/0	H
ATS ROUTE Q47 O/W							
3	GOMOL	281008.2S	1533014.7E	---/030			
3	SCOTT	275206.0S	1534800.0E	030/348	23.9	0/0	H
3	IDRAS	271600.5S	1534730.3E	348/322	36.0	0/0	H
3	ITIDE	264406.5S	1532923.7E	322/---	35.7	0/0	H
ATS ROUTE Q50 O/W							
2	EML NDB	233402.8S	1481015.8E	---/196			
2	AKUMI	251414.1S	1471922.1E	196/193	110.1	0/0	H
2	MIMIB	274515.3S	1461218.8E	193/---	162.1	0/0	H
ATS ROUTE Q57 O/W							
2	IVRAD	264930.9S	1450509.4E	---/305			
2	DODRO	230527.2S	1405612.3E	309/311	317.9	0/0	H
2	NITUN	192054.8S	1372359.2E	314/314	298.9	0/0	H
2	MIGAX	160143.5S	1342644.9E	316/---	260.7	0/0	H
ATS ROUTE Q60 O/W							
1	WG VOR	350956.7S	1472808.7E	---/264			
1	TOBOB	345603.0S	1450448.6E	267/267	118.5	0/0	H
3	MAXEM	343805.9S	1423320.6E	269/256	126.0	0/0	H
3	WOONA	344407.6S	1403159.1E	258/258	100.3	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	KAKLU	344635.7S	1392443.9E	259/---	55.5	0/0	H
ATS ROUTE Q61 O/W							
2	OCTOB	110849.2S	1302937.7E	---/290			
2	AVMAN	103558.0S	1290920.0E	291/---	85.5	0/0	H
ATS ROUTE Q62 O/W							
2	DOVUB	255342.7S	1442006.7E	---/330			
2	NUMRI	221410.1S	1424549.3E	332/333	235.2	0/0	H
2	NTN NDB	174144.7S	1410422.9E	335/---	287.7	0/0	H
ATS ROUTE Q64 O/W							
2	LOAFA	250204.7S	1520638.6E	---/304			
1	OLDIB	240334.3S	1510023.1E	305/---	84.0	0/0	H
ATS ROUTE Q65 O/W							
1	ENVOS	284555.0S	1165817.0E	---/209			
1	IKEVA	291257.0S	1164112.0E	210/177	30.8	0/0	L
2	OVLUK	303538.6S	1164647.2E	177/---	82.6	0/0	L
ATS ROUTE Q67 O/W							
3	BN VOR	272157.9S	1530821.2E	---/357			
3	BIXAD	264127.6S	1531446.5E	357/332	40.8	0/0	H
3	GUDSO	261644.8S	1530614.3E	332/313	25.8	0/0	H
3	TAPET	260632.7S	1525753.9E	313/313	12.6	0/0	H
3	LOAFA	250204.7S	1520638.6E	314/314	79.2	0/0	H
3	GLA VOR	235154.9S	1511215.9E	315/320	85.8	0/0	H
3	RUNLA	221600.0S	1501124.0E	321/320	110.8	0/0	H
3	OVRON	202104.2S	1485721.2E	321/313	133.8	0/0	H
3	RUMKA	174712.5S	1464939.3E	315/315	195.2	0/0	H
3	BARIA	171248.0S	1462148.0E	315/315	43.4	0/0	H
3	UPOLO	164153.2S	1455657.9E	316/226	38.9	0/0	H
3	CS VOR	165100.1S	1454438.0E	226/---	14.9	0/0	H
ATS ROUTE Q69 O/W							
3	GOMOL	281008.2S	1533014.7E	---/348			
1	MAKRU	273144.0S	1532950.0E	348/348	38.3	0/0	H
1	RULUN	265408.2S	1532929.2E	349/349	37.5	0/0	H
1	ITIDE	264406.5S	1532923.7E	349/280	10.0	0/0	H
1	BICKL	263927.3S	1531550.1E	280/280	13.0	0/0	H
1	SU VOR	263551.7S	1530525.1E	280/---	10.0	0/0	H
ATS ROUTE Q71 O/W							
1	ANRUB	195921.5S	1464217.4E	---/247			
3	EGOPI	201628.0S	1453551.5E	248/246	64.8	4400/0	L
2	DOBGO	203039.1S	1444357.7E	247/---	50.8	4400/0	L
ATS ROUTE Q73 O/W							
5	VALRA	214241.4S	1221248.0E	---/198			
2	NUBMO	250000.0S	1205351.8E	199/199	209.6	0/0	H
3	WLU NDB	263729.2S	1201312.0E	200/209	103.9	0/0	H
2	NOMAV	291203.9S	1183136.4E	211/---	178.5	0/0	H
ATS ROUTE Q75 O/W							
2	OLTAS	125549.3S	1302738.0E	---/241			
1	HELLI	131434.6S	1294937.0E	241/---	41.5	0/0	B
ATS ROUTE Q76 O/W							
3	MNG VOR	365309.2S	1451139.2E	---/346			
1	TOBOB	345603.0S	1450448.6E	347/353	117.1	0/0	H
3	KADUV	320135.6S	1451905.1E	354/351	174.5	0/0	H
2	ISGEL	312242.3S	1452007.1E	352/352	38.8	0/0	H
4	PORIV	290000.1S	1452347.7E	352/352	142.4	0/0	H
2	OPAXA	271524.9S	1452622.9E	353/353	104.3	0/0	H
2	KANGI	235831.1S	1453102.6E	353/353	196.3	0/0	H
2	LAKOT	213024.1S	1453422.2E	354/354	147.6	0/0	H
2	LENBA	181650.7S	1453836.3E	354/344	192.9	0/0	H

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	NORMA	173946.2S	1453217.0E	344/344	37.4	0/0	H
3	NONUM	165500.7S	1452442.7E	344/---	45.2	0/0	H
ATS ROUTE Q78 O/W							
2	ADMAR	301922.0S	1515442.7E	---/181			
2	COOPA	314751.2S	1513154.6E	181/185	90.4	0/0	H
2	OLTIN	323307.7S	1511527.0E	185/---	47.3	0/0	H
ATS ROUTE Q79 O/W							
2	DOVUB	255342.7S	1442006.7E	---/338			
2	RENAK	215849.0S	1431941.0E	340/341	240.6	0/0	H
2	GULOP	154912.4S	1415522.4E	342/---	376.8	0/0	H
ATS ROUTE Q91 O/W							
2	DUMAV	135627.0S	1353544.6E	---/278			
1	RINLA	134029.9S	1341727.9E	279/279	77.8	0/0	B
2	IGUVI	132702.4S	1331432.2E	279/272	62.7	0/0	B
1	BEBEN	131925.3S	1315500.1E	273/302	77.9	0/0	B
1	ALLEE	130150.0S	1312934.0E	303/---	30.4	0/0	B
ATS ROUTE Q95 O/W							
2	SURVO	152149.9S	1364006.5E	---/289			
3	TRUKA	135826.5S	1332809.0E	291/290	203.8	0/0	H
1	BEBEN	131925.3S	1315500.1E	291/---	98.7	0/0	H
ATS ROUTE Q141 O/W							
2	KABIX	301723.4S	1473217.5E	---/001			
2	UPTOD	290736.7S	1474755.4E	001/001	70.9	0/0	H
2	UBGAN	272011.7S	1481027.1E	001/002	109.0	0/0	H
2	DUPUG	260143.1S	1482753.5E	002/001	79.8	0/0	H
2	ESKUT	224853.3S	1490708.2E	002/349	195.5	0/0	H
3	NITIT	214238.7S	1490400.8E	349/347	66.1	0/0	H
3	OVRON	202104.2S	1485721.2E	348/---	81.5	0/0	H
ATS ROUTE Q144 O/W							
1	MEPEM	262554.3S	1554357.1E	---/241			
2	ATROP	265542.1S	1535606.2E	242/---	101.1	0/0	H
ATS ROUTE Q147 O/W							
2	KABIX	301723.4S	1473217.5E	---/348			
2	VEDPI	291108.0S	1472921.6E	348/348	66.1	0/0	H
2	AKUMI	251414.1S	1471922.1E	349/349	236.4	0/0	H
2	IBORI	221643.7S	1471218.2E	350/350	177.0	0/0	H
2	RIKVA	204217.9S	1470840.1E	350/338	94.2	0/0	H
2	VOMPA	194825.3S	1465418.1E	338/---	55.4	0/0	H
ATS ROUTE Q155 O/W							
3	SANAD	312311.0S	1512444.6E	---/189			
1	UBLOM	320352.4S	1510656.7E	189/200	43.3	0/0	B
1	ISREV	322822.4S	1504857.3E	200/170	28.8	0/0	B
1	DUUKE	325858.1S	1504753.2E	170/170	30.5	0/0	B
1	RUNNA	331551.6S	1504717.5E	169/169	16.9	0/0	B
3	RIC NDB	333549.0S	1504635.0E	169/---	19.9	0/0	B
ATS ROUTE Q158 O/W							
3	ML VOR	373936.5S	1445031.2E	---/263			
3	CRENA	371624.0S	1400454.0E	268/271	228.5	0/0	H
1	KROWS	364954.0S	1371542.0E	274/274	138.0	0/0	H
2	TOMUM	362530.0S	1350000.0E	277/274	111.9	0/0	H
2	NODUR	355112.0S	1313000.0E	277/277	173.5	0/0	H
2	COBEL	351006.0S	1280000.0E	281/281	176.3	0/0	H
2	CRICK	342930.0S	1250000.0E	284/284	153.6	0/0	H
3	ESP VOR	334050.1S	1214925.6E	287/289	165.6	0/0	H
1	ESMIN	325926.1S	1193410.4E	291/291	120.6	0/0	B
1	MALUP	322150.0S	1173922.2E	293/287	103.9	0/0	B
2	KABLI	321050.0S	1165400.2E	287/287	40.0	0/0	B
1	PH VOR	315642.2S	1155733.2E	288/---	50.0	0/0	B

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Q165 O/W							
2	SULMI	281317.5S	1492314.9E	---/332			
2	ROM NDB	263235.1S	1484654.1E	333/336	105.5	0/0	H
1	VOMPA	194825.3S	1465418.1E	338/339	415.9	0/0	H
3	TL VOR	191439.1S	1464529.1E	339/---	34.7	0/0	H
ATS ROUTE Q168 O/W							
1	KEPPA	364747.7S	1435833.0E	---/300			
2	OPORI	354523.1S	1423058.5E	302/302	94.3	0/0	H
3	BOLAM	345855.6S	1412810.2E	303/303	69.2	0/0	H
1	KABEK	332318.6S	1392439.6E	305/307	140.0	0/0	H
4	WR NDB	310836.5S	1364829.7E	309/---	188.7	0/0	H
ATS ROUTE Q175 O/W							
2	LAKUP	130610.5S	1312239.9E	---/338			
1	IGBIR	125255.2S	1311752.8E	338/342	14.0	0/0	B
2	VEGPU	123959.9S	1311422.7E	342/---	13.3	0/0	B
ATS ROUTE Q181 O/W							
3	ISLIP	221738.5S	1192612.4E	---/192			
2	TAPIT	224235.5S	1191955.0E	192/192	25.5	0/0	H
3	KALSA	232638.9S	1190842.7E	192/193	45.1	0/0	H
2	BAXMN	253446.4S	1183427.7E	193/198	131.5	0/0	H
3	TODIK	275346.4S	1174135.8E	199/199	146.5	0/0	H
1	AVPAL	303312.5S	1163754.4E	200/---	168.5	0/0	H
ATS ROUTE Q200 O/W							
1	VIROB	112548.5S	1280310.9E	---/280			
2	KILIK	111012.9S	1264812.1E	280/---	75.3	0/0	H
ATS ROUTE Q205 O/W							
1	LUVAS	371821.5S	1455451.1E	---/216			
1	COLDS	374239.5S	1452058.2E	216/---	36.3	0/0	H
ATS ROUTE Q215 O/W							
1	CB VOR	351653.2S	1491144.6E	---/210			
3	TANTA	355250.4S	1483154.3E	210/---	48.4	0/0	H
ATS ROUTE Q220 O/W							
3	DOSBO	135718.0S	1325012.2E	---/293			
1	STOES	132654.9S	1314704.5E	294/---	68.5	0/0	B
ATS ROUTE Q226 O/W							
1	NONID	341428.6S	1535449.2E	---/295			
1	ASUVA	330414.0S	1521226.0E	297/297	110.5	1500/0	B
3	WLM NDB	324812.1S	1514943.6E	298/---	24.9	1600/0	B
ATS ROUTE Q238 O/W							
1	LASUD	320343.3S	1485234.1E	---/345			
1	IDNOB	310148.0S	1484808.0E	346/346	61.9	0/0	H
1	OBKOB	304408.6S	1484653.1E	346/346	17.7	0/0	H
2	ESLOM	290211.8S	1483949.9E	346/346	101.9	0/0	H
2	SGE NDB	280249.8S	1483549.8E	347/347	59.3	0/0	H
2	DUPUG	260143.1S	1482753.5E	347/---	121.0	0/0	H
ATS ROUTE Q293 O/W							
1	LASUD	320343.3S	1485234.1E	---/337			
1	IRSIL	310715.9S	1483856.5E	338/338	57.5	0/0	H
2	BINAG	290518.4S	1481025.2E	339/339	124.2	0/0	H
2	AKUMI	251414.1S	1471922.1E	340/---	234.9	0/0	H
ATS ROUTE Q295 O/W							
1	ITIDE	264406.5S	1532923.7E	---/312			
1	GUDSO	261644.8S	1530614.3E	312/324	34.3	0/0	H
1	SOSTU	253110.9S	1524235.8E	325/---	50.2	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◺

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE Q302 O/W						
4	GEMAC	381325.8S	1501930.5E	---/266			
1	RIMSU	373608.6S	1462805.2E	270/270	186.9	0/0	H
1	LIZZI	372702.2S	1453816.8E	271/---	40.7	0/0	H
	ATS ROUTE Q303 O/W						
1	BIVAT	273231.4S	1515443.1E	---/337			
3	MESED	271837.2S	1515127.7E	338/285	14.2	0/0	B
3	IRMOX	264610.0S	1503701.0E	286/---	73.9	0/0	B
	ATS ROUTE Q320 O/W						
1	JULIE	114745.7S	1294213.2E	---/280			
1	VIROB	112548.5S	1280310.9E	281/264	99.6	0/0	H
2	IDOTO	113106.0S	1263848.4E	265/---	83.0	0/0	H
	ATS ROUTE Q327 O/W						
2	LM VOR	221405.4S	1140538.9E	---/350			
3	SOPAT	161634.4S	1130029.4E	350/---	361.4	0/0	H
	ATS ROUTE Q346 O/W						
3	BORLI	341458.0S	1460355.3E	---/180			
1	UPNAP	351658.2S	1454906.3E	180/180	63.1	0/0	H
3	POLSO	354646.5S	1454150.7E	180/---	30.3	0/0	H
	ATS ROUTE Q401 O/W						
3	KADOM	334238.9S	1501758.6E	---/254			
2	UVUPU	335032.1S	1423256.6E	262/---	387.6	0/0	H
	ATS ROUTE Q410 O/W						
1	MONDO	325636.2S	1511411.1E	---/232			
1	AKTEG	330210.8S	1510028.8E	232/207	12.8	3200/0	L
3	RUNNA	331551.6S	1504717.5E	207/---	17.6	2800/0	L
	ATS ROUTE Q421 O/W						
2	LIKTO	265153.6S	1502338.5E	---/327			
2	UNVAT	254809.9S	1495346.5E	328/---	69.0	0/0	B
	ATS ROUTE Q440 O/W						
3	WIZZA	274023.4S	1530254.9E	---/235			
1	ATLID	274611.8S	1524821.7E	235/235	14.2	0/0	H
1	CLEOS	275821.8S	1521733.9E	235/---	29.9	0/0	H
	ATS ROUTE Q473 O/W						
1	IBUNA	270327.8S	1522831.8E	---/309			
1	IGUPI	262848.9S	1515541.6E	309/---	45.4	0/0	H
	ATS ROUTE Q484 O/W						
1	BN VOR	272157.9S	1530821.2E	---/258			
2	SAMVI	272220.1S	1524437.4E	258/257	21.1	0/0	B
3	RUDEY	272309.3S	1522326.7E	257/268	18.9	0/0	B
3	MESED	271837.2S	1515127.7E	269/278	28.8	0/0	B
3	LIKTO	265153.6S	1502338.5E	279/272	82.8	0/0	B
3	ROM NDB	263235.1S	1484654.1E	273/---	88.7	0/0	B
	ATS ROUTE Q489 O/W						
2	BISAB	320757.7S	1551238.2E	---/198			
2	AVNIB	323244.9S	1545503.2E	198/193	28.9	0/0	H
2	KEBAB	331621.0S	1542933.6E	193/193	48.5	0/0	H
4	WARTY	335423.3S	1540655.6E	193/193	42.4	0/0	H
2	NONID	341428.6S	1535449.2E	193/---	22.4	0/0	H
	ATS ROUTE Q493 O/W						
1	RUNLA	221600.0S	1501124.0E	---/310			
1	EMSUP	220032.0S	1495704.3E	311/---	20.4	0/0	H
	ATS ROUTE Q499 O/W						
1	VOMPA	194825.3S	1465418.1E	---/326			
1	ISNER	174105.1S	1454809.8E	327/327	141.5	0/0	H
3	NONUM	165500.7S	1452442.7E	327/---	51.1	0/0	H
	ATS ROUTE Q587 O/W						
2	ESDEG	291231.7S	1160124.9E	---/357			
2	WOLGO	274059.0S	1155528.9E	357/357	91.5	0/0	H
2	PADRY	231952.3S	1153924.8E	356/356	260.7	0/0	H
3	IGLUT	215629.1S	1153430.7E	356/356	83.2	0/0	H
2	OPOSA	185213.6S	1152400.3E	356/356	183.8	0/0	H
3	AUSGA	150232.1S	1151126.0E	356/356	229.1	0/0	H
2	METUM	140813.3S	1150831.8E	356/---	54.2	0/0	H
	ATS ROUTE Q607 O/W						
3	EMSOD	273332.0S	1514738.0E	---/166			
1	GUMBA	274408.0S	1514820.4E	166/163	10.6	0/0	L
2	UPMOG	280009.6S	1515023.4E	163/---	16.1	0/0	L
	ATS ROUTE Q872 O/W						
1	BIVAT	273231.4S	1515443.1E	---/177			
2	UPMOG	280009.6S	1515023.4E	177/158	27.8	0/0	L
3	IKEKO	283259.5S	1515747.8E	158/159	33.4	0/0	L
2	ALDAR	293548.0S	1521040.9E	158/---	63.7	0/0	L
	ATS ROUTE R204 T/W						
2	LIDIT	091800.0S	1422000.0E	173/177	204.1	16400/16400	H
3	HID NDB	103531.4S	1421733.2E	177/147	77.2	2600/2600	H
3	ABLOK	124304.4S	1432624.4E	146/146	143.8	3700/3700	B
2	KIMMI	143849.7S	1443008.9E	146/146	130.9	4200/4200	B
1	AVDAN	160658.6S	1451937.7E	145/145	99.9	6000/6000	B
3	CS VOR	165100.1S	1454438.0E	145/---	50.0	6000/6000	B
	ATS ROUTE R206 T/W						
4	XMX VOR	102548.8S	1054121.6E	196/130	114.3	0/0	H
4	ATMAL	120000.0S	1073530.0E	129/129	146.2	2300/2300	H
2	LATOX	132655.6S	1092316.0E	129/129	136.3	1500/1500	H
2	METAB	150128.0S	1112305.1E	128/128	149.7	1500/1500	H
2	ESMUM	185943.9S	1164023.1E	126/126	385.6	1500/1500	H
2	PD VOR	202242.5S	1183721.8E	125/---	137.9	2100/1600	H
	ATS ROUTE R210 T/W						
3	CS VOR	165100.1S	1454438.0E	---/005			
1	ZANEY	160144.3S	1455442.6E	005/005	50.0	3500/5900	H
2	PUPEB	142317.2S	1461434.2E	005/005	99.9	3500/5900	H
4	KAPSO	120000.0S	1464300.0E	005/005	145.3	1500/1500	H
	ATS ROUTE R212 T/W						
4	PIBED	052012.0S	0904400.0E	---/265			
4	IDEVI	061300.0S	0831854.0E	268/268	446.7	1500/1500	H
4	GUDUG	070436.0S	0750000.0E	271/---	499.1	1500/1500	H
	ATS ROUTE R213 T/W						
2	HOBBO	120000.0S	1530932.7E	214/214	164.7	3900/3900	H
2	ISPID	141051.4S	1511040.3E	214/212	174.4	3900/3900	H
2	WYNOT	161518.8S	1492419.3E	212/212	161.0	1500/1500	H
1	ABTOX	184712.9S	1471014.8E	213/213	198.2	1500/1500	H
2	TL VOR	191439.1S	1464529.1E	213/---	36.0	3200/3100	H
	ATS ROUTE R340 T/W						
2	SURVO	152149.9S	1364006.5E	---/319			
2	DUMAV	135627.0S	1353544.6E	320/320	105.5	2500/2500	H
3	IGOPO	115639.8S	1340705.8E	321/321	147.4	2900/2900	H
2	AVNOL	084927.5S	1315143.0E	322/322	229.2	3500/3500	H
4	GUTEV	080424.0S	1311936.0E	323/323	55.0	3500/3500	H
	ATS ROUTE R346 T/W						

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	TOSAS	120000.0S	1470554.0E	176/176	72.8	1500/1500	H
4	BENKI	140000.0S	1470024.0E	176/176	119.6	1500/1500	H
3	EKOKU	161800.0S	1465354.0E	176/176	137.6	1500/1500	H
1	RUMKA	174712.5S	1464939.3E	176/176	88.9	5300/1500	H
1	AKROM	182113.7S	1464801.0E	175/175	33.9	5300/1500	H
3	TL VOR	191439.1S	1464529.1E	175/---	53.3	5200/3200	H
ATS ROUTE R348 T/W							
4	KADAP	020000.0S	0840936.0E	---/248			
2	KAMUN	033018.0S	0805330.0E	249/249	215.8	1500/1500	H
4	LATEP	061018.0S	0750000.0E	252/252	387.1	1500/1500	H
ATS ROUTE R587 T/W							
3	BN VOR	272157.9S	1530821.2E	---/048			
1	ATROP	265542.1S	1535606.2E	047/047	50.0	2400/2400	H
1	HARVS	254259.9S	1560400.5E	046/046	135.9	1500/1500	H
2	GUXIB	233808.6S	1593048.1E	044/044	225.7	1500/1500	H
4	MEPAB	212249.7S	1630000.0E	043/042	236.0	1500/1500	H
ATS ROUTE R592 T/W							
4	PUPIT	120000.0S	1150900.0E	179/179	44.1	0/0	H
2	METUM	140813.3S	1150831.8E	179/---	127.7	1500/1500	H
ATS ROUTE T8 T/W							
3	AY VOR	360404.8S	1465757.9E	---/243			
3	WYMER	365218.0S	1425524.0E	247/249	201.5	0/0	H
3	CRENA	371624.0S	1400454.0E	252/252	138.5	0/0	H
1	BUNGY	372906.0S	1381948.0E	253/253	84.7	0/0	H
2	SUBUM	374842.0S	1350000.0E	257/255	159.9	0/0	H
4	TEKUP	381524.0S	1300000.0E	261/---	238.5	0/0	H
ATS ROUTE T11 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/269			
2	DOVUB	255342.7S	1442006.7E	272/272	243.0	0/0	H
4	NONET	252025.2S	1410853.1E	275/275	176.0	0/0	H
2	MITTS	243859.7S	1374019.1E	277/277	193.9	0/0	H
3	PULOL	242716.2S	1364543.8E	278/278	51.1	0/0	H
2	AS VOR	234734.4S	1335241.6E	280/291	163.2	0/0	H
2	LUGSA	220801.5S	1301829.6E	294/294	221.2	0/0	H
2	LIBTU	200500.9S	1261252.2E	296/296	260.3	0/0	H
5	CESCI	192216.3S	1245137.8E	297/297	87.7	0/0	H
4	BRM NDB	175646.7S	1221407.1E	298/---	172.1	0/0	H
ATS ROUTE T12 T/W							
1	PH VOR	315642.2S	1155733.2E	---/283			
1	IPMOR	315215.0S	1153142.1E	283/287	22.4	0/0	H
1	KALBO	314840.3S	1151620.1E	287/283	13.6	0/0	H
1	KAGMI	314457.2S	1145428.5E	283/283	19.0	0/0	H
2	OPEGA	312836.7S	1132244.3E	285/341	80.0	0/0	H
4	MERIB	300400.0S	1124506.0E	341/342	90.4	0/0	H
2	NUNLA	254511.3S	1110052.7E	342/342	274.1	0/0	H
2	BIBGA	192204.3S	1084017.2E	342/342	403.3	0/0	H
2	NODAB	132135.2S	1063820.9E	342/342	377.6	0/0	H
4	PAVGO	112135.3S	1055918.3E	342/342	125.4	0/0	H
4	XMX VOR	102548.8S	1054121.6E	342/---	58.3	0/0	H
ATS ROUTE T13 T/W							
2	NTN NDB	174144.7S	1410422.9E	---/127			
2	DOLIB	203326.8S	1442501.0E	124/124	255.6	0/0	H
2	EML NDB	233402.8S	1481015.8E	121/---	275.9	0/0	H
ATS ROUTE T20 T/W							
3	AD VOR	345649.1S	1383128.3E	---/307			
1	AGROS	342459.5S	1375336.0E	308/306	44.6	0/0	H
2	AKDAV	330146.5S	1361212.9E	308/308	118.5	0/0	H
4	RUSAD	304909.8S	1334023.3E	311/311	184.9	0/0	H
5	ISMOR	283010.7S	1311148.8E	313/313	189.7	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
4	WENER	261549.8S	1285645.1E	315/318	180.0	0/0	H
3	SABTI	242216.7S	1271926.3E	319/319	143.5	0/0	H
2	ENPIT	232159.0S	1262918.3E	320/320	75.7	0/0	H
2	POTIP	214137.1S	1250758.5E	321/321	125.2	0/0	H
2	BRM NDB	175646.7S	1221407.1E	323/317	277.5	0/0	H
4	BOPLO	120000.0S	1165506.0E	319/---	470.6	0/0	H
ATS ROUTE T21 T/W							
2	PD VOR	202242.5S	1183721.8E	---/122			
5	KADUN	222100.4S	1215106.5E	121/121	215.8	0/0	H
4	NONAX	233117.0S	1235208.8E	120/120	131.9	0/0	H
4	WENER	261549.8S	1285645.1E	116/116	321.8	0/0	H
3	PUGUT	274302.1S	1315311.5E	114/114	180.0	0/0	H
2	VIRUV	285706.8S	1343327.3E	111/111	159.6	0/0	H
5	CARTS	294116.1S	1361421.3E	110/110	98.6	0/0	H
2	LEC NDB	303555.4S	1382632.1E	108/---	126.9	0/0	H
ATS ROUTE T25 T/W							
2	BHI VOR	320002.4S	1412847.9E	---/319			
3	SAPED	312107.3S	1410025.7E	320/320	45.8	0/0	H
4	GUGAB	294106.8S	1394959.2E	321/324	116.9	0/0	H
2	POLEV	265513.2S	1381009.3E	326/326	187.4	0/0	H
3	PULOL	242716.2S	1364543.8E	327/327	166.0	0/0	H
3	ANZAC	224446.7S	1354925.7E	328/328	114.5	0/0	H
2	YUSEF	212554.0S	1350711.9E	329/329	87.8	0/0	H
4	TNK VOR	193805.1S	1341055.0E	330/---	119.7	0/0	H
ATS ROUTE T27 T/W							
2	KU VOR	154631.7S	1284231.4E	---/223			
2	NISAD	184342.5S	1253358.1E	224/224	252.4	0/0	H
2	RASKY	205047.1S	1231224.1E	225/225	184.0	0/0	H
5	VALRA	214241.4S	1221248.0E	226/---	76.0	0/0	H
ATS ROUTE T28 T/W							
3	ARG VOR	163754.1S	1282655.5E	---/230			
2	NISAD	184342.5S	1253358.1E	231/---	207.3	0/0	H
ATS ROUTE T29 T/W							
4	WR NDB	310836.5S	1364829.7E	---/311			
2	VIRUV	285706.8S	1343327.3E	313/313	175.9	0/0	H
3	ARENI	265550.2S	1323557.0E	315/315	159.6	0/0	H
2	AYE NDB	251021.7S	1305829.3E	317/314	137.0	0/0	H
2	SCHEE	225906.2S	1285206.2E	316/316	174.6	0/0	H
2	LIBTU	200500.9S	1261252.2E	317/315	228.3	0/0	H
2	CIN VOR	173519.6S	1235107.2E	316/---	200.8	0/0	H
ATS ROUTE T33 T/W							
2	LEC NDB	303555.4S	1382632.1E	---/078			
3	EVIEC	302120.2S	1411922.4E	076/076	150.1	0/0	H
4	MACLA	301021.4S	1430725.2E	074/074	94.2	0/0	H
5	IPRAM	295338.7S	1452904.4E	072/077	124.1	0/0	H
2	ANROM	294733.6S	1470618.9E	076/---	84.8	0/0	H
ATS ROUTE T41 T/W							
2	LM VOR	221405.4S	1140538.9E	---/298			
3	MERME	211744.5S	1121520.4E	299/299	117.0	0/0	H
4	AGSEL	195528.5S	1094100.9E	300/300	166.4	0/0	H
2	VERIS	171611.3S	1050000.0E	302/302	310.5	0/0	H
2	PORIR	133446.2S	0985847.8E	305/305	412.7	0/0	H
2	CC VOR	121202.0S	0965027.3E	305/299	150.0	0/0	H
2	BEBIM	103840.0S	0935007.5E	300/300	200.0	0/0	H
4	RISMI	070755.2S	0872005.7E	303/303	439.3	0/0	H
3	KAMUN	033018.0S	0805330.0E	304/298	442.2	0/0	H
2	SABEK	020833.0S	0775337.0E	299/---	197.5	0/0	H
ATS ROUTE T44 T/W							
2	AYE NDB	251021.7S	1305829.3E	---/279			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	SABTI	242216.7S	1271926.3E	281/281	205.0	0/0	H
4	NONAX	233117.0S	1235208.8E	284/---	196.6	0/0	H
ATS ROUTE T47 T/W							
2	AYE NDB	251021.7S	1305829.3E	---/033			
1	RURAP	244145.6S	1312224.0E	033/---	35.9	0/0	B
ATS ROUTE T53 T/W							
4	MISLY	304941.4S	1555331.5E	---/308			
1	LAROS	292851.1S	1543941.7E	310/310	103.0	0/0	H
3	GOMOL	281008.2S	1533014.7E	311/---	99.4	0/0	H
ATS ROUTE T55 T/W							
1	HAAVI	251926.7S	1525259.0E	---/141			
1	LEEFL	254543.0S	1530909.0E	140/152	30.0	2200/2200	H
1	ITIDE	264406.5S	1532923.7E	152/---	61.0	1800/1800	H
ATS ROUTE T58 T/W							
4	SAPDA	120000.0S	1112536.0E	---/160			
2	SOPAT	161634.4S	1130029.4E	159/159	271.6	1500/1500	H
2	PAVNU	193000.0S	1141456.5E	159/152	205.3	1500/1500	H
3	IGLUT	215629.1S	1153430.7E	152/152	163.9	5500/5500	H
2	GUTLI	240636.6S	1164749.9E	152/---	146.3	5500/5500	H
ATS ROUTE T63 T/W							
2	BIDAP	242404.6S	1231444.3E	---/031			
5	NONAX	233117.0S	1235208.8E	031/031	62.8	0/0	H
2	POTIP	214137.1S	1250758.5E	030/030	129.9	0/0	H
3	JUGGL	205502.6S	1253928.2E	030/030	54.9	0/0	H
3	LIBTU	200500.9S	1261252.2E	030/030	58.9	0/0	H
3	TATUK	192545.6S	1263846.7E	029/029	46.1	0/0	H
4	DOPUK	181433.5S	1272508.8E	029/029	83.5	0/0	H
3	ARG VOR	163754.1S	1282655.5E	029/---	112.9	0/0	H
ATS ROUTE T65 T/W							
3	NOGIP	381851.6S	1412824.1E	---/257			
2	OTGAB	382515.3S	1350000.0E	264/264	305.5	0/0	H
4	TEKUP	381524.0S	1300000.0E	270/---	236.2	0/0	H
ATS ROUTE T74 T/W							
4	TN VOR	143109.1S	1322215.6E	---/141			
2	BEBUX	145547.9S	1324038.1E	141/141	30.3	0/0	H
4	MILIV	163306.3S	1335404.7E	140/140	120.0	0/0	H
2	DOTAP	200916.8S	1364325.7E	138/138	268.9	0/0	H
2	VINAX	213517.7S	1375332.9E	137/137	108.0	0/0	H
4	NONET	252025.2S	1410853.1E	134/134	287.4	0/0	H
4	VEPAP	290000.0S	1443541.9E	130/130	286.3	0/0	H
2	ENPAG	313308.0S	1471141.4E	127/---	203.9	0/0	H
ATS ROUTE T85 T/W							
2	AS VOR	234734.4S	1335241.6E	---/274			
2	SCHEE	225906.2S	1285206.2E	278/277	280.7	0/0	H
2	NASTI	222507.0S	1254255.0E	279/279	178.2	0/0	H
4	VALRA	214241.4S	1221248.0E	281/278	199.7	0/0	H
2	RAFFY	211520.0S	1193544.0E	280/280	149.0	0/0	H
2	KA VOR	204254.3S	1164626.2E	281/---	161.7	0/0	H
ATS ROUTE T97 T/W							
2	KAMBI	340805.6S	1352023.3E	---/276			
2	IKEMI	332121.5S	1313000.0E	280/280	197.7	0/0	H
2	IVPEM	323136.0S	1280000.0E	283/282	183.6	0/0	H
2	MALNU	314652.7S	1250000.0E	285/285	159.2	0/0	H
3	KG VOR	304723.4S	1212710.0E	288/---	191.8	0/0	H
ATS ROUTE T131 T/W							
3	BORTO	362334.0S	1404430.5E	---/251			
1	KROWS	364954.0S	1371542.0E	254/255	170.1	0/0	H

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	RUFLE	370154.0S	1350000.0E	258/260	109.5	0/0	H
2	VIBUX	371012.0S	1300000.0E	265/---	240.1	0/0	H
ATS ROUTE T134 T/W							
4	GEMAC	381325.8S	1501930.5E	---/252			
3	NOGIP	381851.6S	1412824.1E	262/263	418.1	0/0	H
2	SUBUM	374842.0S	1350000.0E	271/271	308.2	0/0	H
2	VIBUX	371012.0S	1300000.0E	276/276	241.8	0/0	H
4	TAPAX	361818.0S	1250000.0E	282/---	246.6	0/0	H
ATS ROUTE T234 T/W							
3	BORTO	362334.0S	1404430.5E	---/136			
1	GRACY	372050.2S	1413443.3E	135/135	70.0	3100/5200	H
1	OKISI	385404.1S	1430000.0E	133/130	114.9	4100/5200	H
1	DOTVU	404959.4S	1450454.0E	127/126	150.5	1800/1800	H
2	URBEN	415236.0S	1461736.0E	124/124	83.1	6700/6700	B
1	RIBLI	422824.0S	1470042.0E	123/120	48.0	6700/6700	B
2	TASUM	425049.6S	1473136.0E	119/---	32.0	4000/4000	B
ATS ROUTE V11 O/W							
3	RIC NDB	333549.0S	1504635.0E	---/152			
3	ISMER	334525.5S	1504950.2E	152/130	10.0	2000/0	L
1	BK NDB	335542.0S	1505918.6E	130/---	12.9	2000/0	L
ATS ROUTE V15 O/W							
1	LAKAV	284326.7S	1175749.4E	---/351			
3	MOG NDB	280350.8S	1175037.4E	351/---	40.0	3600/0	L
ATS ROUTE V16 O/W							
4	NWN VOR	232515.9S	1194810.9E	---/199			
3	JILGO	250000.0S	1191055.6E	199/199	100.4	4300/0	L
2	MEK VOR	263625.3S	1183157.0E	200/202	102.4	4300/0	L
3	MOG NDB	280350.8S	1175037.4E	203/200	94.6	3200/0	L
1	OVLUK	303538.6S	1164647.2E	201/200	161.4	3600/0	L
1	TEBIP	310533.1S	1163427.3E	201/201	31.7	3000/0	L
2	SAPKO	312903.4S	1162440.1E	201/228	24.9	3000/0	L
1	WOORA	314511.2S	1160441.3E	228/---	23.5	3000/0	L
ATS ROUTE V17 O/W							
2	WIRAL	274630.7S	1182735.1E	---/003			
2	MEK VOR	263625.3S	1183157.0E	003/---	70.0	3600/0	L
ATS ROUTE V20 O/W							
1	PEGSU	341949.9S	1504708.3E	---/203			
3	ATGOD	351041.4S	1500202.1E	204/204	62.9	6700/0	L
3	COM NDB	362113.6S	1485727.1E	204/238	87.9	6700/0	L
2	SULDA	364021.3S	1474957.4E	239/239	57.7	8700/0	L
3	TEMIS	371222.8S	1455006.2E	240/---	101.3	8000/0	L
ATS ROUTE V33 O/W							
2	IRSOM	411012.0S	1462603.2E	---/141			
3	LAXOT	413900.0S	1464418.0E	140/140	31.9	6000/0	B
1	MORGO	421018.0S	1470439.9E	139/139	34.8	6000/0	B
2	TASUM	425049.6S	1473136.0E	138/---	45.1	6000/0	B
ATS ROUTE V35 LIMITED SEG O/W							
2	WONYU	245529.6S	1194449.0E	---/001			
4	NWN VOR	232515.9S	1194810.9E	001/---	90.0	4900/0	B
ATS ROUTE V71 O/W							
2	RUSKA	124434.6S	1320036.1E	---/128			
2	TRUKA	135826.5S	1332809.0E	127/---	112.7	0/0	L
ATS ROUTE V99 O/W							
1	BUDGI	234615.8S	1503016.9E	---/141			
3	SUSGI	253541.9S	1514023.4E	139/---	126.4	4600/0	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE V111 O/W							
3	RK VOR	232258.1S	1502817.5E	---/166			
1	BUDGI	234615.8S	1503016.9E	166/166	23.3	3600/0	B
3	ROX	242938.9S	1503411.6E	166/---	43.4	3900/0	B
ATS ROUTE V126 O/W							
3	ML VOR	373936.5S	1445031.2E	---/253			
3	ESDIG	374432.1S	1434524.0E	254/241	51.9	3900/0	B
3	NOGIP	381851.6S	1412824.1E	243/---	113.5	3000/0	B
ATS ROUTE V129 O/W							
3	BN VOR	272157.9S	1530821.2E	---/298			
1	IGUPI	262848.9S	1515541.6E	299/299	83.8	4200/0	B
3	COOLA	251800.0S	1502204.7E	301/301	110.1	3900/0	B
2	EML NDB	233402.8S	1481015.8E	303/---	158.8	4500/0	B
ATS ROUTE V138 O/W							
1	DU NDB	321303.1S	1483332.7E	---/136			
3	AKMIR	341042.8S	1500624.3E	134/---	140.9	6000/0	L
ATS ROUTE V140 O/W							
3	TESAT	335637.7S	1511057.3E	---/012			
1	KAMBA	332941.2S	1512557.3E	012/013	29.7	2500/0	L
1	TOOKI	331603.4S	1513348.7E	013/013	15.1	2500/0	L
1	OVLUX	331023.0S	1513704.1E	013/013	6.3	1700/0	L
1	WLM NDB	324812.1S	1514943.6E	013/012	24.6	1900/0	L
1	LATUT	322849.2S	1520004.6E	012/012	21.2	2500/0	L
2	CFS VOR	301910.2S	1530715.2E	012/---	141.6	5500/0	L
ATS ROUTE V147 O/W							
1	AY VOR	360404.8S	1465757.9E	---/207			
1	DUGGI	363544.7S	1462650.0E	207/207	40.4	5300/0	L
3	TEMIS	371222.8S	1455006.2E	207/---	47.0	5300/0	L
ATS ROUTE V153 O/W							
3	CS VOR	165100.1S	1454438.0E	---/153			
3	OLSIN	173341.9S	1460055.4E	153/150	45.3	6700/0	L
2	IGIKI	180319.5S	1461352.1E	150/150	32.0	3300/0	L
1	IBUXI	184121.4S	1463041.3E	150/150	41.1	4800/0	L
1	BINUN	184800.7S	1463338.3E	150/150	7.2	3200/0	L
2	TL VOR	191439.1S	1464529.1E	150/112	28.8	3200/0	L
1	WALTA	194126.2S	1473526.3E	112/112	54.2	5400/0	L
3	ALBUX	200116.3S	1481254.9E	111/134	40.5	3800/0	L
1	DAGSI	204207.9S	1484715.3E	133/133	51.9	4100/0	L
3	MK VOR	211022.8S	1491114.0E	133/156	36.0	4100/0	L
1	MUNAR	212948.9S	1491701.8E	156/156	20.1	3700/0	L
3	LERKI	222848.0S	1493500.0E	155/129	61.1	3700/0	L
1	ABVAS	225618.4S	1500156.1E	129/129	37.0	4100/0	L
3	RK VOR	232258.1S	1502817.5E	128/---	36.0	4100/0	L
ATS ROUTE V163 O/W							
1	BUD NDB	245423.7S	1521913.1E	---/168			
1	LAMUG	263802.0S	1522256.0E	168/---	103.4	3900/0	L
ATS ROUTE V169 O/W							
3	TESAT	335637.7S	1511057.3E	---/208			
1	PEGSU	341949.9S	1504708.3E	208/221	30.5	3400/0	L
3	EXETA	343825.8S	1501630.7E	221/221	31.4	4800/0	L
3	BUNGO	345331.1S	1495120.1E	222/222	25.6	4800/0	L
3	CB VOR	351653.2S	1491144.6E	222/219	40.0	4800/0	L
1	DUBUS	360854.5S	1475142.8E	220/224	83.3	8200/0	L
1	WAZZA	364756.9S	1463747.1E	225/225	71.2	8200/0	L
3	TEMIS	371222.8S	1455006.2E	226/222	45.3	7100/0	L
1	BOYSE	371809.2S	1454010.1E	222/230	9.8	5500/0	L
1	ML VOR	373936.5S	1445031.2E	230/---	45.0	4900/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE V173 O/W							
4	MIA VOR	341330.7S	1420438.2E	---/132			
3	ASWAN	353106.0S	1432024.0E	131/131	99.4	2000/0	L
1	CANTY	364824.0S	1443906.0E	129/---	100.1	4700/0	L
ATS ROUTE V175 O/W							
1	VAVPA	354233.1S	1373050.5E	---/000			
1	GITOP	352541.3S	1373342.4E	000/051	17.0	2100/0	L
1	ELROX	351537.2S	1375402.0E	051/051	19.4	2100/0	L
3	AD VOR	345649.1S	1383128.3E	050/---	36.0	2100/0	L
ATS ROUTE V176 O/W							
1	MK VOR	211022.8S	1491114.0E	---/285			
1	AVKIK	210025.9S	1484642.7E	285/315	25.0	5600/0	L
1	CLIFT	203617.0S	1482727.2E	315/---	30.1	5600/0	L
ATS ROUTE V180 O/W							
2	BHI VOR	320002.4S	1412847.9E	---/100			
3	UBNUB	324021.6S	1435139.4E	098/098	127.5	3000/0	L
3	LYSMO	331007.8S	1454526.6E	096/096	100.3	3300/0	L
3	DERRY	334317.1S	1480233.4E	094/094	119.4	6100/0	L
3	AKMIR	341042.8S	1500624.3E	092/---	106.6	6100/0	L
ATS ROUTE V200 O/W							
1	VAVPA	354233.1S	1373050.5E	---/112			
2	WOKKA	364112.7S	1394000.0E	110/110	119.8	1700/0	L
2	TYNDI	374816.9S	1421855.9E	107/---	143.5	5200/0	L
ATS ROUTE V211 O/W							
2	BENDO	351436.2S	1393036.5E	---/114			
3	PUBAP	361856.8S	1413844.2E	111/---	122.5	2100/0	L
ATS ROUTE V217 O/W							
1	SU VOR	263551.7S	1530525.1E	---/200			
1	GAYLA	265538.6S	1525211.7E	200/---	23.0	3400/0	L
ATS ROUTE V221 O/W							
1	SOSTU	253110.9S	1524235.8E	---/184			
1	LAMUG	263802.0S	1522256.0E	184/---	69.0	3900/0	L
ATS ROUTE V222 O/W							
1	SHT NDB	362542.1S	1452345.7E	---/164			
1	LACEY	373304.9S	1453013.3E	164/---	67.5	6000/0	L
ATS ROUTE V223 O/W							
4	ML VOR	373936.5S	1445031.2E	---/282			
3	OMKON	370031.0S	1430311.1E	285/285	94.1	4800/0	L
1	UBGUT	364019.3S	1421005.2E	286/---	47.2	4700/0	L
ATS ROUTE V238 O/W							
1	DOLVU	344225.1S	1383753.8E	---/273			
1	AREPA	343427.7S	1375111.0E	274/---	39.4	2200/0	L
ATS ROUTE V242 O/W							
3	KG VOR	304723.4S	1212710.0E	---/255			
4	GIVEB	311356.8S	1192121.3E	257/257	111.3	3200/0	L
1	KELLA	313255.1S	1173921.9E	259/---	89.3	3000/0	L
ATS ROUTE V246 O/W							
2	IRSOM	411012.0S	1462603.2E	---/333			
3	TASMA	395959.0S	1460422.0E	334/334	72.1	1900/0	L
3	ONAGI	382816.4S	1453724.3E	335/---	94.0	3800/0	L
ATS ROUTE V250 O/W							
1	BN VOR	272157.9S	1530821.2E	---/286			
1	WACKO	271117.3S	1524511.1E	287/287	23.2	4000/0	B

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1 IBUNA	270327.8S	1522831.8E	287/287	16.8	4000/0	B
1 LEBIT	264813.0S	1515627.0E	288/288	32.5	3700/0	B
1 ATVIL	262536.0S	1510943.0E	288/288	47.6	3600/0	B
3 UNVAT	254809.9S	1495346.5E	289/274	77.9	3300/0	B
3 SANOX	251035.3S	1470644.9E	276/276	155.7	0/0	H
4 TAVEV	241536.1S	1432633.2E	279/---	207.8	0/0	H
ATS ROUTE V255 O/W						
3 AD VOR	345649.1S	1383128.3E	---/102			
3 BENDO	351436.2S	1393036.5E	101/085	51.7	3800/0	B
3 SWH NDB	352249.8S	1433225.1E	081/077	198.1	2000/0	L
3 WG VOR	350956.7S	1472808.7E	073/---	193.4	3600/0	L
ATS ROUTE V258 O/W						
1 KAMBA	332941.2S	1512557.3E	---/354			
1 GUNTA	331212.1S	1512818.8E	354/348	17.6	3400/0	L
1 PUDUT	325741.0S	1512823.9E	348/001	14.5	3000/0	L
3 MATLA	324517.6S	1513154.7E	001/328	12.7	3400/0	L
1 KEXAR	322817.3S	1512443.8E	328/328	18.0	3200/0	L
1 EKIBI	320021.6S	1511302.4E	329/329	29.6	6000/0	L
3 TW VOR	310357.9S	1504948.9E	329/299	59.7	6100/0	L
1 BIARO	304641.5S	1502628.6E	299/299	26.5	3100/0	L
3 NBR NDB	301914.7S	1494952.1E	300/---	41.8	4100/0	L
ATS ROUTE V259 O/W						
3 MTG VOR	374505.0S	1404707.0E	---/317			
3 RUVUS	361238.6S	1393108.0E	318/318	110.6	2500/0	L
1 INTOG	353900.4S	1390423.1E	319/319	40.0	3000/0	L
1 ATPIP	352712.5S	1385506.7E	319/319	14.0	3100/0	L
3 AD VOR	345649.1S	1383128.3E	319/---	36.0	3800/0	L
ATS ROUTE V264 O/W						
3 CS VOR	165100.1S	1454438.0E	---/130			
1 PAWSO	171244.0S	1460619.5E	129/165	30.0	4800/0	L
2 IGIKI	180319.5S	1461352.1E	165/---	50.9	5200/0	L
ATS ROUTE V275 O/W						
3 ATVIL	262536.0S	1510943.0E	---/237			
3 DUKAD	264818.6S	1501019.6E	237/---	57.8	3100/0	H
ATS ROUTE V279 O/W						
3 NOGIP	381851.6S	1412824.1E	---/067			
1 LANUN	380036.0S	1430648.0E	065/065	79.7	2700/0	B
1 WENDY	375024.0S	1435842.0E	065/064	42.3	3900/0	B
3 ML VOR	373936.5S	1445031.2E	064/---	42.5	3900/0	B
ATS ROUTE V294 O/W						
2 WYY NDB	405952.7S	1454229.6E	---/346			
2 DIPLO	400000.0S	1454100.0E	346/345	59.8	2400/0	L
3 ONAGI	382816.4S	1453724.3E	346/---	91.7	2400/0	L
ATS ROUTE V295 O/W						
3 TESAT	335637.7S	1511057.3E	---/296			
2 SOFAL	330006.0S	1494624.0E	297/295	90.5	5600/0	L
4 DU NDB	321303.1S	1483332.7E	297/288	77.4	5600/0	L
2 ENPAG	313308.0S	1471141.4E	290/---	80.3	2700/0	L
ATS ROUTE V300 O/W						
3 BORLI	341458.0S	1460355.3E	---/079			
3 METUV	341340.0S	1481443.9E	077/077	108.5	6100/0	L
3 AKMIR	341042.8S	1500624.3E	075/---	92.7	6100/0	L
ATS ROUTE V307 O/W						
3 RK VOR	232258.1S	1502817.5E	---/145			
3 MILTY	242636.0S	1510224.0E	144/144	70.7	4600/0	L
3 SUSGI	253541.9S	1514023.4E	143/130	77.0	4600/0	L
1 OTLEB	263849.0S	1524004.0E	129/136	82.7	4000/0	L

WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1 MORBI	264708.0S	1524614.0E	136/136	10.0	3800/0	L
1 REMOR	265322.2S	1525050.6E	136/141	7.5	3600/0	L
1 GAYLA	265538.6S	1525211.7E	141/140	2.6	3300/0	L
1 BURPA	270423.0S	1525732.7E	140/140	9.9	3500/0	L
3 BN VOR	272157.9S	1530821.2E	140/---	20.0	3500/0	L
ATS ROUTE V308 O/W						
3 BN VOR	272157.9S	1530821.2E	---/343			
1 AKOBA	264215.0S	1530344.0E	343/327	39.8	2100/0	L
1 SAGLI	261816.0S	1525259.0E	327/311	25.8	3100/0	L
1 MAGPI	250852.4S	1515315.7E	312/313	87.7	3700/0	L
1 OLDIB	240334.3S	1510023.1E	314/314	81.0	4600/0	L
1 DADBO	235211.0S	1505120.4E	314/314	14.1	4600/0	L
3 RK VOR	232258.1S	1502817.5E	315/331	36.0	4600/0	L
1 EMSUP	220032.0S	1495704.3E	332/311	87.1	4100/0	L
1 WELKE	213752.8S	1493614.1E	311/311	29.8	3400/0	L
3 MK VOR	211022.8S	1491114.0E	311/301	36.0	3400/0	L
1 CLIFT	203617.0S	1482727.2E	302/302	53.2	5100/0	L
2 BITAS	201016.3S	1475434.3E	302/303	40.3	5000/0	L
1 POROB	193747.5S	1471417.0E	303/303	49.9	4900/0	L
2 TL VOR	191439.1S	1464529.1E	303/342	35.7	5500/0	L
1 ADLAG	183839.6S	1463816.4E	342/342	36.5	3200/0	L
1 PEWEE	175556.6S	1463005.5E	343/342	43.3	2500/0	L
1 BARIA	171248.0S	1462148.0E	343/294	43.7	6700/0	L
3 CS VOR	165100.1S	1454438.0E	295/---	41.7	6700/0	L
ATS ROUTE V315 O/W						
1 BUD NDB	245423.7S	1521913.1E	---/160			
3 OTLEB	263849.0S	1524004.0E	159/---	105.8	3800/0	L
ATS ROUTE V316 O/W						
3 TESAT	335637.7S	1511057.3E	---/316			
1 RUTOS	331447.6S	1504018.8E	316/317	49.0	5600/0	L
2 SCATZ	323918.0S	1501518.0E	318/316	41.2	5600/0	L
5 ANBAN	311948.1S	1491614.4E	317/---	93.9	5600/0	L
ATS ROUTE V327 O/W						
3 UNVAT	254809.9S	1495346.5E	---/101			
2 IDLEG	260848.3S	1505451.4E	100/100	58.8	3500/0	B
1 IGUPI	262848.9S	1515541.6E	099/---	58.2	4700/0	B
ATS ROUTE V361 O/W						
3 AD VOR	345649.1S	1383128.3E	---/052			
1 UPROT	343406.0S	1391830.0E	051/074	44.9	3800/0	B
3 SILVN	342737.3S	1401445.0E	073/073	46.9	3400/0	L
4 MIA VOR	341330.7S	1420438.2E	071/---	92.1	1800/0	L
ATS ROUTE V372 O/W						
3 SOSTU	253110.9S	1524235.8E	---/172			
1 OTLEB	263849.0S	1524004.0E	171/---	67.5	3800/0	L
ATS ROUTE V376 O/W						
3 ML VOR	373936.5S	1445031.2E	---/314			
1 DOTPA	371446.0S	1442927.0E	315/315	30.0	4500/0	L
1 DOVUT	365435.5S	1441239.9E	315/315	24.2	4500/0	L
3 CHITT	361618.0S	1434118.0E	316/316	45.8	4000/0	L
4 MIA VOR	341330.7S	1420438.2E	318/---	145.9	2900/0	L
ATS ROUTE V384 O/W						
3 AVPAS	323134.6S	1374204.0E	---/164			
3 ELRIM	333233.4S	1375251.6E	164/164	61.5	2800/0	L
1 MARGO	342450.0S	1380219.2E	164/---	52.8	2900/0	L
ATS ROUTE V395 O/W						
3 DOVOD	341132.4S	1404033.4E	---/232			
3 RIKTU	342418.5S	1401315.3E	232/232	26.0	1800/0	L
1 KAKLU	344635.7S	1392443.9E	233/---	45.8	3400/0	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE V402 O/W						
1	MAKOR	330644.0S	1510821.5E	---/048			
1	LOWEP	330407.6S	1511346.6E	048/050	5.2	3500/0	L
1	PUDUT	325741.0S	1512823.9E	050/050	13.9	3500/0	L
3	WLM NDB	324812.1S	1514943.6E	050/---	20.3	3500/0	L
	ATS ROUTE V403 O/W						
1	LM VOR	221405.4S	1140538.9E	---/305			
1	SEKRU	220500.0S	1135200.0E	305/339	15.6	2600/0	L
1	ITBAP	205926.9S	1132554.4E	339/339	69.7	2200/0	L
1	VISEP	202029.9S	1131035.8E	339/352	41.4	1500/0	L
1	BEMVU	195218.0S	1130624.0E	352/---	28.4	1500/0	L
	ATS ROUTE V404 O/W						
1	BEMVU	195218.0S	1130624.0E	---/145			
1	BORPU	201652.4S	1132437.4E	144/163	29.9	1500/0	L
1	ORILI	204719.2S	1133409.2E	163/163	31.6	1500/0	L
1	IPRIS	214424.0S	1135212.0E	163/157	59.3	1500/0	L
1	LM VOR	221405.4S	1140538.9E	157/---	32.1	2600/0	L
	ATS ROUTE V408 O/W						
2	JOSBU	330812.6S	1164024.2E	---/160			
1	ARUMI	343539.5S	1172256.0E	160/137	94.2	4200/0	L
1	ABA NDB	345707.8S	1174837.9E	137/---	30.1	4200/0	L
	ATS ROUTE V410 O/W						
3	WG VOR	350956.7S	1472808.7E	---/201			
3	TEMIS	371222.8S	1455006.2E	202/---	145.8	7300/0	L
	ATS ROUTE V412 O/W						
3	LEBIT	264813.0S	1515627.0E	---/264			
3	ROM NDB	263235.1S	1484654.1E	266/---	170.5	5200/0	B
	ATS ROUTE V415 O/W						
1	PAVSO	342753.7S	1173928.6E	---/339			
1	KAKVU	333747.0S	1171445.8E	339/326	54.1	4200/0	L
1	AKSOS	330506.1S	1164658.5E	326/326	40.1	3400/0	L
1	SOLUS	322854.1S	1161641.3E	327/---	44.2	3400/0	L
	ATS ROUTE V417 O/W						
3	NBR NDB	301914.7S	1494952.1E	---/140			
3	OLRON	305714.9S	1501453.7E	139/091	43.6	3200/0	L
3	TW VOR	310357.9S	1504948.9E	091/143	30.7	4500/0	L
3	TIMBO	321023.5S	1512741.6E	142/117	73.8	6600/0	L
1	LAXUM	321944.6S	1514129.0E	116/154	15.0	5200/0	L
3	WLM NDB	324812.1S	1514943.6E	154/---	29.2	2900/0	L
	ATS ROUTE V432 O/W						
3	ACTIN	333013.3S	1380133.3E	---/172			
1	MARGO	342450.0S	1380219.2E	172/---	54.5	4600/0	L
	ATS ROUTE V434 O/W						
2	ESL NDB	380640.8S	1470934.4E	---/270			
2	DUNNE	375459.0S	1460714.6E	271/271	50.6	6600/0	L
1	MONTY	374330.9S	1450642.7E	272/---	49.3	6600/0	L
	ATS ROUTE V501 O/W						
1	PEGSU	341949.9S	1504708.3E	---/186			
3	NWA NDB	345704.4S	1503147.2E	186/---	39.3	5400/0	L
	ATS ROUTE V504 O/W						
3	AD VOR	345649.1S	1383128.3E	---/219			
1	EEMUE	352118.1S	1375914.5E	219/219	36.0	2200/0	L
1	VAVPA	354233.1S	1373050.5E	220/---	31.4	2100/0	L
	ATS ROUTE V512 O/W						
1	COLDS	374239.5S	1452058.2E	---/254			
1	MONTY	374330.9S	1450642.7E	254/258	11.3	5000/0	L
1	ESDAN	374336.3S	1445440.9E	258/---	9.5	2100/0	L
	ATS ROUTE V527 O/W						
3	PN VOR	202948.8S	1483310.7E	---/290			
2	BITAS	201016.3S	1475434.3E	291/---	41.2	5000/0	L
	ATS ROUTE V530 O/W						
3	IBUNA	270327.8S	1522831.8E	---/299			
3	MENEN	263452.0S	1515029.0E	300/---	44.4	4100/0	L
	ATS ROUTE V531 O/W						
3	LALIB	320205.1S	1504951.7E	---/170			
1	ISREV	322822.4S	1504857.3E	170/---	26.2	3500/0	L
	ATS ROUTE V535 O/W						
3	WLM NDB	324812.1S	1514943.6E	---/353			
1	UBSON	322551.7S	1515211.3E	353/005	22.4	2700/0	L
1	NICLA	320305.0S	1520015.7E	005/359	23.7	3100/0	L
2	LOSKU	302932.8S	1522133.1E	359/---	95.1	6600/0	L
	ATS ROUTE V538 O/W						
1	TEDUS	345441.5S	1373648.2E	---/274			
1	SALOT	344755.8S	1365725.0E	275/268	33.1	2300/0	L
1	VATSU	344445.0S	1361743.0E	269/285	32.9	1500/0	L
1	PLC NDB	343615.9S	1355223.7E	285/---	22.5	2000/0	L
	ATS ROUTE V543 O/W						
2	OLTIN	323307.7S	1511527.0E	---/210			
1	DUUKE	325858.1S	1504753.2E	210/---	34.7	3600/0	L
	ATS ROUTE V544 O/W						
2	WYY NDB	405952.7S	1454229.6E	---/117			
3	LAXOT	413900.0S	1464418.0E	116/---	60.8	5500/0	L
	ATS ROUTE V588 O/W						
3	LTV NDB	381209.1S	1462832.6E	---/280			
3	MOZZA	380454.0S	1460554.0E	280/282	19.3	3000/0	L
1	HARRO	374658.1S	1451646.7E	283/282	42.8	4500/0	L
1	MONTY	374330.9S	1450642.7E	282/---	8.7	3600/0	L
	ATS ROUTE V599 O/W						
3	CWR NDB	335041.6S	1483911.7E	---/082			
1	RUPEM	335322.1S	1493452.1E	081/081	46.4	5700/0	L
1	TOROB	335347.1S	1494518.3E	081/081	8.7	6100/0	L
1	REVKI	335418.9S	1495634.2E	081/080	9.4	5800/0	L
1	DARGI	335518.0S	1502512.0E	080/---	23.8	5800/0	L
	ATS ROUTE V621 O/W						
3	CDU NDB	320735.6S	1334337.0E	---/124			
3	SPENA	341541.5S	1365426.8E	120/120	204.9	3000/0	B
1	ATNAR	344402.4S	1373902.7E	120/---	46.5	3000/0	B
	ATS ROUTE V623 O/W						
1	DOLVU	344225.1S	1383753.8E	---/120			
1	VIRAT	344726.5S	1384538.8E	120/118	8.1	3300/0	L
3	BENDO	351436.2S	1393036.5E	118/---	45.8	3400/0	L
	ATS ROUTE V650 O/W						
2	DUNNE	375459.0S	1460714.6E	---/279			
1	BADGR	374306.0S	1452800.0E	279/---	33.3	6600/0	L
	ATS ROUTE V652 O/W						
1	NICLA	320305.0S	1520015.7E	---/057			
2	UGPOT	315322.2S	1523034.1E	057/022	27.5	4900/0	L
1	PMQ NDB	312608.4S	1525200.3E	022/359	32.8	3400/0	L

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	CFS VOR	301910.2S	1530715.2E	359/340	68.1	3100/0	L
3	GFN NDB	294535.0S	1530138.8E	340/349	33.9	3300/0	L
2	IDNER	285228.5S	1530252.7E	350/---	53.0	3200/0	L
ATS ROUTE V653 O/W							
2	PEXOR	242721.9S	1171845.7E	---/016			
2	PBO VOR	231021.4S	1174413.3E	016/010	80.2	5300/0	L
3	BUTON	212448.0S	1180506.0E	009/---	107.0	5500/0	L
ATS ROUTE V656 O/W							
2	AS VOR	234734.4S	1335241.6E	---/216			
1	BODAS	235856.3S	1334157.4E	216/216	15.0	4200/0	B
1	TUMSO	241449.3S	1332652.6E	217/217	21.0	4000/0	B
3	OLNAM	243008.1S	1331215.4E	217/223	20.3	3800/0	B
2	ANGAS	250758.5S	1322622.2E	224/264	56.3	3800/0	B
2	AYE NDB	251021.7S	1305829.3E	265/---	79.8	4400/0	B
ATS ROUTE V662 O/W							
1	MENEN	263452.0S	1515029.0E	---/132			
1	WOODY	271416.9S	1522416.9E	132/---	49.6	4600/0	L
ATS ROUTE V665 O/W							
3	RIC NDB	333549.0S	1504635.0E	---/020			
1	CAPER	332245.1S	1505618.9E	020/020	15.4	2900/0	L
1	MAKOR	330644.0S	1510821.5E	020/358	18.9	2900/0	L
3	OLTIN	323307.7S	1511527.0E	358/---	34.1	3500/0	L
ATS ROUTE V672 O/W							
2	UGPOT	315322.2S	1523034.1E	---/265			
3	SORTI	314915.5S	1515245.0E	265/185	32.5	5000/0	L
1	CRAVN	320736.0S	1514600.0E	185/185	19.2	4700/0	L
1	LAXUM	321944.6S	1514129.0E	185/---	12.7	4600/0	L
ATS ROUTE V707 O/W							
1	PLC NDB	343615.9S	1355223.7E	---/089			
1	TEKOD	343823.8S	1361934.8E	088/088	22.5	2200/0	L
1	PILBY	344013.6S	1364402.3E	088/088	20.3	2200/0	L
1	ATNAR	344402.4S	1373902.7E	087/---	45.5	2300/0	L
ATS ROUTE V779 O/W							
2	IVL NDB	295304.9S	1510823.9E	---/160			
3	SANAD	312311.0S	1512444.6E	159/154	91.0	5900/0	L
1	COOPA	314751.2S	1513154.6E	154/154	25.4	6600/0	L
1	IDSEB	320705.8S	1513740.4E	154/154	19.8	6200/0	L
1	LAXUM	321944.6S	1514129.0E	153/154	13.0	4900/0	L
3	WLM NDB	324812.1S	1514943.6E	154/---	29.2	2900/0	L
ATS ROUTE V791 O/W							
1	MONDO	325636.2S	1511411.1E	---/252			
1	DUUKE	325858.1S	1504753.2E	252/---	22.3	3600/0	L
ATS ROUTE V796 O/W							
1	DOLVU	344225.1S	1383753.8E	---/093			
3	AVDEN	345837.8S	1402057.2E	091/---	86.4	3600/0	L
ATS ROUTE W10 T/W							
3	WOL NDB	343328.6S	1504727.6E	---/246			
3	EXETA	343825.8S	1501630.7E	247/247	26.0	4300/4300	L
3	AVBEG	344942.2S	1490231.7E	248/243	62.0	4500/4500	L
3	WG VOR	350956.7S	1472808.7E	244/235	80.1	4600/4600	L
1	NUTLI	354835.7S	1453624.2E	236/---	99.1	3300/3300	L
ATS ROUTE W14 T/W							
1	OTKUN	320015.3S	1153240.8E	---/348			
3	UPTEK	310630.0S	1151656.9E	348/348	55.3	2100/2100	L
3	BUVEL	301848.4S	1150313.9E	348/350	49.0	2100/2100	L
1	ONGAR	291200.3S	1144755.0E	350/350	68.0	2200/2200	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	GEL VOR	284725.2S	1144222.0E	350/347	25.0	2200/2200	L
3	BOBUS	265028.4S	1141047.9E	347/347	119.9	2400/2400	L
2	CAR VOR	245255.3S	1134022.4E	347/009	120.4	2400/2400	L
2	LM VOR	221405.4S	1140538.9E	008/---	160.0	2100/2100	L
ATS ROUTE W15 T/W							
1	ML VOR	373936.5S	1445031.2E	---/235			
1	IGNES	374634.4S	1443041.6E	235/176	17.2	2500/2500	L
1	TEMPL	375233.7S	1442941.4E	176/178	6.0	2600/2600	L
1	AV VOR	380256.0S	1442732.2E	178/---	10.5	2600/2600	L
ATS ROUTE W20 T/W							
1	PH VOR	315642.2S	1155733.2E	---/197			
1	OLMAM	323124.4S	1154630.2E	197/197	35.9	2600/2600	L
1	BLN NDB	334132.7S	1152342.6E	198/---	72.6	2700/2700	L
ATS ROUTE W40 T/W							
4	URBOB	355354.1S	1500833.9E	---/340			
3	ATGOD	351041.4S	1500202.1E	340/351	43.5	6700/6700	L
3	AKMIR	341042.8S	1500624.3E	351/---	60.0	6700/6700	L
ATS ROUTE W101 T/W							
1	OTKUN	320015.3S	1153240.8E	---/082			
1	PH VOR	315642.2S	1155733.2E	082/---	21.5	2300/2300	L
ATS ROUTE W105 T/W							
1	DOTVU	404959.4S	1450454.0E	---/096			
2	WYY NDB	405952.7S	1454229.6E	096/094	30.2	3300/3300	L
2	IRSOM	411012.0S	1462603.2E	093/109	34.5	3700/3700	B
3	LT VOR	413237.8S	1471247.7E	108/---	41.7	3400/3400	B
ATS ROUTE W106 T/W							
1	NICLA	320305.0S	1520015.7E	---/038			
1	PMQ NDB	312608.4S	1525200.3E	038/338	57.5	5000/4900	L
1	KADSI	310329.5S	1524724.5E	338/---	22.9	2500/2500	L
ATS ROUTE W112 T/W							
3	OVRON	202104.2S	1485721.2E	---/287			
3	ALBUX	200116.3S	1481254.9E	288/---	46.2	4100/4100	B
ATS ROUTE W113 T/W							
3	WG VOR	350956.7S	1472808.7E	---/055			
1	HAPPI	345749.5S	1480134.7E	054/054	30.0	5500/5500	L
3	AKMIR	341042.8S	1500624.3E	053/063	113.3	5500/5500	L
1	WELSH	340805.8S	1501829.8E	063/063	10.4	5100/0	L
1	ODALE	340521.2S	1503103.9E	063/063	10.8	4000/0	L
3	TESAT	335637.7S	1511057.3E	062/---	34.3	3700/5100	L
ATS ROUTE W114 T/W							
1	JT NDB	320609.7S	1155312.2E	---/023			
1	PH VOR	315642.2S	1155733.2E	023/---	10.1	2300/2300	L
ATS ROUTE W115 T/W							
3	ACTIN	333013.3S	1380133.3E	---/359			
3	LIBNI	322136.0S	1381106.0E	359/360	69.0	4600/4600	L
2	LEC NDB	303555.4S	1382632.1E	360/---	106.3	5200/5200	L
ATS ROUTE W116 T/W							
1	OLMAM	323124.4S	1154630.2E	---/187			
1	ATIVA	332233.1S	1154038.3E	188/---	51.3	2700/2700	L
ATS ROUTE W118 T/W							
3	AY VOR	360404.8S	1465757.9E	---/164			
2	ESL NDB	380640.8S	1470934.4E	163/---	122.8	7900/7900	L
ATS ROUTE W121 T/W							
4	NWN VOR	232515.9S	1194810.9E	---/052			

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
5	VALRA	214241.4S	1221248.0E	050/---	168.4	4000/4000	B
ATS ROUTE W122 T/W							
3	CB VOR	351653.2S	1491144.6E	---/022			
3	AKMIR	341042.8S	1500624.3E	022/---	80.0	5100/5100	L
ATS ROUTE W125 T/W							
2	PD VOR	202242.5S	1183721.8E	---/159			
3	BORAH	215713.3S	1191330.9E	159/159	100.0	3300/3300	L
4	NWN VOR	232515.9S	1194810.9E	159/---	93.4	4900/4300	L
ATS ROUTE W127 T/W							
1	OTKUN	320015.3S	1153240.8E	---/111			
1	JT NDB	320609.7S	1155312.2E	110/---	18.4	1600/1600	L
ATS ROUTE W128 T/W							
1	ENKOG	273413.1S	1530057.7E	---/178			
3	HUUGO	280523.3S	1525529.2E	178/192	31.5	3300/3300	L
3	ALDAR	293548.0S	1521040.9E	192/189	98.4	6300/5900	L
4	UPRUM	303454.0S	1514536.0E	189/189	62.8	6300/6300	L
3	SANAD	312311.0S	1512444.6E	189/---	51.4	5900/5900	L
ATS ROUTE W130 T/W							
3	OLTIN	323307.7S	1511527.0E	---/334			
1	UBLOM	320352.4S	1510656.7E	334/334	30.1	4400/4400	L
3	TW VOR	310357.9S	1504948.9E	335/---	61.5	6100/6100	L
ATS ROUTE W137 T/W							
3	CB VOR	351653.2S	1491144.6E	---/332			
3	AVBEG	344942.2S	1490231.7E	332/330	28.2	4400/4400	B
3	CWR NDB	335041.6S	1483911.7E	330/020	62.0	4100/4100	B
2	MUDGI	323339.3S	1493537.3E	020/---	90.3	6100/6100	B
ATS ROUTE W138 T/W							
1	PEGSU	341949.9S	1504708.3E	---/228			
3	GLB NDB	344825.8S	1494413.8E	229/211	59.3	4400/4400	L
3	CB VOR	351653.2S	1491144.6E	211/---	39.0	4800/4800	L
ATS ROUTE W142 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/144			
3	COMAC	333308.4S	1375103.5E	143/143	33.9	1900/1900	L
1	RUKNA	340806.0S	1381430.5E	143/143	40.0	2900/2900	L
1	DOLVU	344225.1S	1383753.8E	142/192	39.3	2900/2800	L
3	AD VOR	345649.1S	1383128.3E	192/---	15.3	2200/2200	L
ATS ROUTE W144 T/W							
1	RIC TAC	333626.2S	1504756.1E	---/179			
3	RAKSO	340218.9S	1504129.7E	179/176	26.4	2400/2500	L
1	TONTO	341733.7S	1503841.9E	176/176	15.4	3400/3900	L
3	NWA NDB	345704.4S	1503147.2E	175/---	39.9	4300/4300	L
ATS ROUTE W148 T/W							
3	WG VOR	350956.7S	1472808.7E	---/083			
3	CB VOR	351653.2S	1491144.6E	082/---	85.2	6500/6200	B
ATS ROUTE W149 T/W							
2	LHI NDB	313144.1S	1590422.6E	---/242			
2	EKIDA	315836.1S	1564648.6E	244/244	120.3	4500/4500	L
2	GOANA	322629.8S	1540923.5E	246/246	136.4	1500/1500	L
1	NELSN	324334.8S	1521912.6E	248/247	94.6	3000/2600	L
3	WLM NDB	324812.1S	1514943.6E	247/---	25.3	3000/2600	L
ATS ROUTE W151 T/W							
2	ATGOD	351041.4S	1500202.1E	---/171			
3	BOPKU	353256.9S	1500021.5E	171/171	22.3	0/0	L
1	MER NDB	365451.3S	1495358.0E	170/---	82.0	0/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W152 T/W							
3	NONUM	165500.7S	1452442.7E	---/189			
5	DOTTE	184154.0S	1445242.0E	189/189	110.8	5700/6000	L
3	HUG NDB	204914.2S	1441344.5E	189/153	132.1	4900/4800	L
3	SLASH	222300.0S	1444954.0E	153/152	99.3	3000/3000	L
3	MOVBA	233330.0S	1451752.8E	152/111	74.9	2800/2400	L
5	AKEVU	243836.0S	1472724.0E	110/109	135.1	5400/5400	L
3	UNVAT	254809.9S	1495346.5E	107/---	149.8	5500/5500	L
ATS ROUTE W159 T/W							
2	GEL VOR	284725.2S	1144222.0E	---/080			
2	PAGTA	284000.0S	1152600.0E	080/095	39.1	2500/2500	L
1	ENVOS	284555.0S	1165817.0E	094/---	81.4	3200/3200	L
ATS ROUTE W165 T/W							
2	PD VOR	202242.5S	1183721.8E	---/111			
3	ALAKU	210016.2S	1201613.7E	110/110	100.0	2800/2800	B
4	VALRA	214241.4S	1221248.0E	109/---	116.7	3100/2900	B
ATS ROUTE W168 T/W							
3	CWR NDB	335041.6S	1483911.7E	---/094			
3	AKMIR	341042.8S	1500624.3E	093/---	75.2	5700/5700	L
ATS ROUTE W169 T/W							
3	HUUGO	280523.3S	1525529.2E	---/200			
3	TW VOR	310357.9S	1504948.9E	201/---	209.1	6400/6400	L
ATS ROUTE W172 T/W							
1	PH VOR	315642.2S	1155733.2E	---/155			
1	SOLUS	322854.1S	1161641.3E	155/155	36.0	3400/3400	L
2	JOSBU	330812.6S	1164024.2E	155/---	44.0	3400/3400	L
ATS ROUTE W177 T/W							
2	AS VOR	234734.4S	1335241.6E	---/359			
3	BERBU	224736.5S	1335705.8E	359/359	59.9	5000/5300	L
2	KIKAN	212152.2S	1340323.7E	360/360	85.6	4800/5000	L
4	TNK VOR	193805.1S	1341055.0E	360/---	103.6	3700/3700	L
ATS ROUTE W183 T/W							
3	TW VOR	310357.9S	1504948.9E	---/168			
3	LALIB	320205.1S	1504951.7E	168/---	58.0	6200/6200	L
ATS ROUTE W184 T/W							
3	AVBEG	344942.2S	1490231.7E	---/359			
2	MUDGI	323339.3S	1493537.3E	360/---	138.6	6100/5400	B
ATS ROUTE W185 T/W							
1	OVLUK	303538.6S	1164647.2E	---/161			
3	CUN NDB	313730.3S	1171326.5E	161/189	65.8	2700/2700	L
3	VEMON	323221.5S	1170428.1E	189/168	55.3	3000/3000	L
3	OCKLY	324852.1S	1170916.0E	168/167	17.0	2800/2800	L
1	PAVSO	342753.7S	1173928.6E	167/167	102.0	3800/3800	L
1	ABA NDB	345707.8S	1174837.9E	167/---	30.1	3800/3800	L
ATS ROUTE W186 T/W							
3	SUSGI	253541.9S	1514023.4E	---/291			
3	KRATT	245012.0S	1502000.0E	293/293	85.9	3400/3900	L
2	EML NDB	233402.8S	1481015.8E	294/---	140.8	4500/4400	L
ATS ROUTE W188 T/W							
3	TEMIS	371222.8S	1455006.2E	---/206			
1	LACEY	373304.9S	1453013.3E	206/206	26.1	5500/5500	L
1	COLDS	374239.5S	1452058.2E	206/206	12.1	4900/4900	L
1	HARRO	374658.1S	1451646.7E	206/206	5.4	3600/3600	L
1	MB NDB	375835.4S	1450525.2E	206/---	14.7	3600/3600	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE W189 T/W						
3	DULIN	273855.5S	1524324.6E	---/042			
3	BN VOR	272157.9S	1530821.2E	042/---	27.9	2800/2800	B
	ATS ROUTE W190 T/W						
3	ML VOR	373936.5S	1445031.2E	---/206			
1	AV VOR	380256.0S	1442732.2E	207/---	29.6	2600/2600	L
	ATS ROUTE W191 T/W						
3	ESDIG	374432.1S	1434524.0E	---/258			
3	MTG VOR	374505.0S	1404707.0E	261/---	141.4	4100/4100	L
	ATS ROUTE W192 T/W						
2	MUDGI	323339.3S	1493537.3E	---/336			
5	ANBAN	311948.1S	1491614.4E	336/068	75.5	4300/4300	L
3	TW VOR	310357.9S	1504948.9E	067/111	81.8	4500/4500	L
3	SANAD	312311.0S	1512444.6E	111/043	35.6	5900/5900	L
2	CFS VOR	301910.2S	1530715.2E	042/357	108.9	6200/6200	L
1	TUCAB	292848.0S	1531606.0E	357/357	50.8	3300/3300	L
3	TUCKI	285518.0S	1532212.0E	357/357	33.8	2500/2500	L
3	GOMOL	281008.2S	1533014.7E	358/313	45.6	4200/4200	L
1	MOOVI	275448.7S	1531741.7E	313/313	18.9	3400/3400	L
1	ENKOG	273413.1S	1530057.7E	313/---	25.3	3400/3400	L
	ATS ROUTE W193 T/W						
2	DN VOR	122523.8S	1305423.3E	---/127			
1	HODDA	131604.4S	1315755.6E	126/126	80.0	2400/2900	L
3	DOSBO	135718.0S	1325012.2E	126/126	65.4	3000/3400	L
2	SNOOD	150930.2S	1342307.3E	125/125	115.3	3000/3000	L
2	ENRES	162646.0S	1360440.9E	124/139	124.5	2500/2400	L
2	LERGU	193419.9S	1383445.7E	137/137	235.3	2900/2900	L
3	MA VOR	203952.6S	1392908.3E	136/---	83.0	3200/3200	L
	ATS ROUTE W195 T/W						
3	SANAD	312311.0S	1512444.6E	---/165			
3	TIMBO	321023.5S	1512741.6E	165/162	47.2	6600/6600	L
3	MATLA	324517.6S	1513154.7E	162/---	35.0	6600/6600	L
	ATS ROUTE W196 LIMITED SEG T/W						
3	UNVAT	254809.9S	1495346.5E	---/117			
1	JEDDA	270925.6S	1515710.3E	115/115	137.2	5300/5300	L
3	DULIN	273855.5S	1524324.6E	114/116	50.6	5300/4200	L
3	GOMOL	281008.2S	1533014.7E	115/164	51.9	3700/3700	L
1	BNA NDB	285004.2S	1533344.6E	164/183	39.9	3700/3700	L
2	CFS VOR	301910.2S	1530715.2E	183/189	91.8	3300/3300	L
1	KADSI	310329.5S	1524724.5E	189/184	47.4	3100/3100	L
2	UGPOT	315322.2S	1523034.1E	184/---	51.8	4000/4000	L
	ATS ROUTE W198 T/W						
2	RUDEY	272309.3S	1522326.7E	---/239			
1	BIVAT	273231.4S	1515443.1E	239/249	27.2	4100/4100	L
1	LUKEY	273500.9S	1513936.7E	249/249	13.7	4000/5900	L
3	LOFFA	274900.0S	1501118.0E	250/250	79.6	4000/5900	L
2	SGE NDB	280249.8S	1483549.8E	251/---	85.7	3300/3300	L
	ATS ROUTE W200 T/W						
3	AD VOR	345649.1S	1383128.3E	---/022			
1	PF NDB	344747.3S	1383752.2E	022/---	10.4	2400/2400	L
	ATS ROUTE W202 T/W						
2	CIN VOR	173519.6S	1235107.2E	---/099			
3	GUBVO	175348.0S	1253636.0E	098/098	102.3	3000/4300	L
1	HLC NDB	181359.2S	1274020.8E	097/---	119.6	3800/4300	L
	ATS ROUTE W203 T/W						
1	RIBLI	422824.0S	1470042.0E	---/355			
1	MORGO	421018.0S	1470439.9E	355/355	18.3	5800/5800	L
3	LT VOR	413237.8S	1471247.7E	355/---	38.1	5800/5800	L
	ATS ROUTE W206 T/W						
2	TOPIR	291100.0S	1164007.1E	---/177			
1	OVLUK	303538.6S	1164647.2E	177/---	84.6	2800/2800	L
	ATS ROUTE W207 T/W						
1	SU VOR	263551.7S	1530525.1E	---/224			
1	SURPO	265508.2S	1523422.2E	225/226	33.8	3600/3600	L
3	OK VOR	272358.8S	1514416.3E	227/181	53.1	3900/3900	L
2	IVL NDB	295304.9S	1510823.9E	181/204	152.0	5500/4900	L
3	OLRON	305714.9S	1501453.7E	205/206	79.0	5000/5000	L
1	IVTET	310925.7S	1500357.4E	207/207	15.4	3900/3900	L
2	PKS VOR	330752.6S	1481414.3E	207/---	150.5	3900/3900	L
	ATS ROUTE W213 T/W						
1	HLC NDB	181359.2S	1274020.8E	---/268			
2	UNSOV	181105.1S	1253325.3E	269/---	120.9	3800/3800	L
	ATS ROUTE W214 T/W						
3	GOMOL	281008.2S	1533014.7E	---/198			
3	IDNER	285228.5S	1530252.7E	198/166	48.6	5200/5300	L
2	CFS VOR	301910.2S	1530715.2E	166/---	86.6	3800/3600	L
	ATS ROUTE W217 T/W						
1	VEKLO	420515.1S	1473952.6E	---/313			
3	LT VOR	413237.8S	1471247.7E	314/---	38.4	4700/4700	L
	ATS ROUTE W218 T/W						
2	ESL NDB	380640.8S	1470934.4E	---/167			
2	ANTLA	400000.1S	1471116.0E	166/166	113.2	2300/2600	L
1	VIMAP	403927.4S	1471154.2E	165/165	39.4	2700/1700	L
2	LT VOR	413237.8S	1471247.7E	165/---	53.1	6000/5300	B
	ATS ROUTE W219 T/W						
3	LTV NDB	381209.1S	1462832.6E	---/158			
2	ELMOR	400000.1S	1465136.5E	157/157	109.2	3900/6500	L
3	LT VOR	413237.8S	1471247.7E	156/---	94.0	5300/5300	L
	ATS ROUTE W222 T/W						
1	OMBIS	370253.0S	1472004.0E	---/026			
2	SOVRU	363206.0S	1475042.0E	026/029	39.4	0/0	L
3	CB VOR	351653.2S	1491144.6E	028/---	99.9	0/0	L
	ATS ROUTE W226 T/W						
2	GV VOR	121554.1S	1364859.1E	---/238			
3	DUMPA	132652.9S	1343049.0E	239/239	152.3	2900/2900	L
3	TRUKA	135826.5S	1332809.0E	240/240	68.6	2900/2900	L
4	TN VOR	143109.1S	1322215.6E	240/247	71.8	2900/2900	L
3	NUTTA	150031.9S	1305815.9E	248/248	86.5	2600/2600	L
2	KU VOR	154631.7S	1284231.4E	249/294	138.9	2700/2700	L
2	EGUMI	153035.2S	1280905.4E	294/285	36.0	2800/2800	L
3	OLMAR	144724.8S	1254933.0E	286/---	141.6	3100/3100	L
	ATS ROUTE W228 T/W						
1	SAGLI	261816.0S	1525259.0E	---/292			
3	SUSGI	253541.9S	1514023.4E	293/313	78.0	3900/3900	L
1	COBES	231653.9S	1494948.2E	315/315	171.2	4600/4600	L
1	COCKA	230230.7S	1493829.5E	315/315	17.7	5200/5200	L
3	LINSU	203528.7S	1474706.4E	317/---	179.5	5200/5200	L
	ATS ROUTE W231 T/W						
1	SAGLI	261816.0S	1525259.0E	---/317			
3	AVLAN	260524.0S	1524400.0E	317/317	15.2	3100/3100	L
1	KASPA	254846.7S	1523209.6E	317/317	19.7	3400/4300	L
2	KETEN	250417.3S	1520128.0E	318/318	52.3	3900/4300	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H	L	B
3	GLA VOR	235154.9S	1511215.9E	319/---	85.0	4500/4600		L	
ATS ROUTE W232 T/W									
3	TL VOR	191439.1S	1464529.1E	---/160					
5	OLDER	211112.0S	1471342.0E	159/159	119.1	5300/5500		L	
3	LUKPU	224622.8S	1473729.8E	159/---	97.4	4200/3200		L	
ATS ROUTE W235 T/W									
3	BORLI	341458.0S	1460355.3E	---/118					
3	WG VOR	350956.7S	1472808.7E	116/---	88.5	2900/2900		L	
ATS ROUTE W237 T/W									
2	DN VOR	122523.8S	1305423.3E	---/251					
3	NUBKO	124758.5S	1293550.7E	251/251	80.0	1600/1900		L	
3	NAILA	131255.0S	1280714.0E	252/252	90.0	1500/1600		L	
1	PUPIV	134517.2S	1260855.3E	253/---	119.7	2500/1500		L	
ATS ROUTE W238 T/W									
1	GOKIB	302907.0S	1365236.0E	---/155					
3	AVPAS	323134.6S	1374204.0E	153/157	129.3	4200/4200		L	
3	ACTIN	333013.3S	1380133.3E	157/157	60.8	3400/4600		L	
1	RUKNA	340806.0S	1381430.5E	156/156	39.3	3400/3400		L	
1	HOLIT	342756.9S	1382122.7E	156/156	20.6	3400/3400		L	
3	AD VOR	345649.1S	1383128.3E	156/---	30.0	3400/3400		L	
ATS ROUTE W240 T/W									
3	LRE NDB	232542.3S	1441720.9E	---/091					
3	MOVBA	233330.0S	1451752.8E	090/063	56.2	2400/2400		L	
5	NOKAV	230712.0S	1463654.0E	062/062	77.3	3200/3200		L	
3	LUKPU	224622.8S	1473729.8E	061/067	59.7	3900/3900		L	
1	ESLAR	223551.5S	1482104.0E	067/104	41.6	4200/4200		L	
3	LEMER	230433.6S	1493732.2E	103/103	76.2	4500/4500		L	
3	RK VOR	232258.1S	1502817.5E	102/---	50.2	4500/4500		L	
ATS ROUTE W241 T/W									
3	NWA NDB	345704.4S	1503147.2E	---/240					
3	CB VOR	351653.2S	1491144.6E	241/---	68.6	5100/4800		L	
ATS ROUTE W245 T/W									
3	ESDIG	374432.1S	1434524.0E	---/262					
1	HML NDB	373857.4S	1420328.3E	264/---	81.1	4100/4100		L	
ATS ROUTE W247 T/W									
2	EML NDB	233402.8S	1481015.8E	---/105					
2	RUROX	242938.9S	1503411.6E	103/095	142.9	4500/4500		L	
3	BUD NDB	245423.7S	1521913.1E	094/140	98.8	4500/4500		L	
1	SOSTU	253110.9S	1524235.8E	140/158	42.4	1700/1700		L	
1	SAGLI	261816.0S	1525259.0E	158/137	47.9	3100/3100		L	
1	SU VOR	263551.7S	1530525.1E	137/152	20.8	3100/3100		L	
1	BUGNU	265112.5S	1531038.2E	152/173	16.0	2300/2300		L	
1	BN VOR	272157.9S	1530821.2E	173/---	30.7	2100/2100		L	
ATS ROUTE W256 T/W									
3	DULIN	273855.5S	1524324.6E	---/137					
1	BNA NDB	285004.2S	1533344.6E	136/200	83.7	5300/5300		L	
3	LOSKU	302932.8S	1522133.1E	201/255	117.5	6500/6500		L	
4	ARM NDB	303138.3S	1513654.1E	256/---	38.6	6600/6600		L	
ATS ROUTE W257 T/W									
2	CIN VOR	173519.6S	1235107.2E	---/211					
2	OSVOL	201503.6S	1220255.6E	211/211	189.3	2600/2600		B	
3	DAMPU	212217.2S	1211607.6E	212/212	80.1	3400/3400		B	
4	NWN VOR	232515.9S	1194810.9E	213/---	147.2	4100/4100		B	
ATS ROUTE W258 T/W									
3	TL VOR	191439.1S	1464529.1E	---/137					
3	JEMMA	194910.6S	1471130.4E	137/137	42.3	5500/5500		B	
3	LINSU	203528.7S	1474706.4E	136/131	57.0	3400/3400		B	
3	LERKI	222848.0S	1493500.0E	129/155	151.2	5200/5600		B	
2	COBES	231653.9S	1494948.2E	155/---	49.8	4500/4500		L	
ATS ROUTE W260 T/W									
2	GEL VOR	284725.2S	1144222.0E	---/028					
3	AVKAN	270200.0S	1154124.0E	026/026	117.4	2800/3200		L	
4	BANKS	250112.0S	1164630.0E	025/025	134.0	5100/4000		L	
2	PBO VOR	231021.4S	1174413.3E	025/---	122.5	5100/5100		L	
ATS ROUTE W263 T/W									
2	OLRUX	321548.1S	1252943.7E	---/290					
3	KG VOR	304723.4S	1212710.0E	293/---	225.3	2900/2900		B	
ATS ROUTE W264 T/W									
3	BORLI	341458.0S	1460355.3E	---/184					
3	YANCO	351641.0S	1454354.0E	184/184	63.8	3000/3000		L	
3	MNG VOR	365309.2S	1451139.2E	184/---	99.8	3000/3000		L	
ATS ROUTE W265 T/W									
3	AVLUS	203954.1S	1414327.4E	---/068					
2	SIMAS	201428.2S	1431736.6E	067/067	92.0	3100/4200		L	
2	THOMO	194129.4S	1451425.9E	066/066	114.8	5300/5300		L	
3	TL VOR	191439.1S	1464529.1E	065/---	90.1	4900/4200		L	
ATS ROUTE W266 T/W									
3	CB VOR	351653.2S	1491144.6E	---/279					
3	HOWLY	344600.0S	1473636.0E	280/280	84.0	6100/7500		L	
3	BORLI	341458.0S	1460355.3E	282/---	82.6	4500/4500		L	
ATS ROUTE W267 T/W									
3	HUUGO	280523.3S	1525529.2E	---/209					
3	TATEN	282924.0S	1523212.0E	210/210	31.6	5900/5900		L	
2	IVL NDB	295304.9S	1510823.9E	210/---	111.1	6400/6400		L	
ATS ROUTE W270 T/W									
3	DULIN	273855.5S	1524324.6E	---/275					
1	GERBL	273429.6S	1522538.4E	275/275	16.4	2700/2700		L	
3	OK VOR	272358.8S	1514416.3E	275/303	38.3	4100/4100		L	
3	UNVAT	254809.9S	1495346.5E	305/315	137.6	3200/3600		L	
5	OVENS	245912.0S	1491518.0E	315/316	60.0	3900/3900		L	
2	EML NDB	233402.8S	1481015.8E	317/---	103.6	3900/3900		L	
ATS ROUTE W271 T/W									
3	ESP VOR	334050.1S	1214925.6E	---/359					
3	MUBID	321140.1S	1214756.6E	358/347	89.0	3000/3000		L	
3	KG VOR	304723.4S	1212710.0E	347/327	86.0	3000/3000		L	
3	WALLI	292730.6S	1202925.2E	327/327	94.1	3400/3400		L	
3	YINGA	274406.9S	1191728.1E	328/328	121.0	3600/3400		L	
2	MEK VOR	263625.3S	1183157.0E	329/347	78.8	3600/3400		L	
3	IBUPA	244837.7S	1180632.7E	347/347	109.9	4700/4700		L	
2	PBO VOR	231021.4S	1174413.3E	347/339	100.1	4700/4700		L	
3	WEBBA	215342.0S	1171348.0E	339/339	81.4	5300/5300		L	
2	KA VOR	204254.3S	1164626.2E	339/---	75.0	4700/4700		L	
ATS ROUTE W274 T/W									
2	AYE NDB	251021.7S	1305829.3E	---/136					
3	CAULI	262730.0S	1321148.0E	135/135	101.4	6100/6100		L	
4	RIGBO	274436.0S	1332736.0E	133/134	102.4	5600/6100		L	
1	CBP NDB	290154.5S	1344325.6E	133/143	102.1	3300/2700		L	
3	MEBAH	301324.0S	1353300.0E	143/144	83.4	2200/2400		L	
5	WIRMA	312200.0S	1361942.0E	143/143	79.4	2200/2200		L	
3	WHA NDB	330329.2S	1373127.2E	141/---	118.2	2700/2700		L	
ATS ROUTE W276 T/W									
3	BN VOR	272157.9S	1530821.2E	---/180					
1	SANEG	274904.2S	1530238.3E	180/158	27.5	2300/2300		L	

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	RIDVO	284923.1S	1531526.8E	158/---	61.2	5300/5300	L
ATS ROUTE W279 T/W							
1	ENKOG	273413.1S	1530057.7E	---/267			
1	IMATI	272919.7S	1522334.5E	268/268	33.6	3200/3200	L
3	OK VOR	272358.8S	1514416.3E	268/246	35.4	4200/4200	L
5	BARTA	274428.0S	1500718.0E	247/247	88.6	3200/3200	L
2	SGE NDB	280249.8S	1483549.8E	248/---	83.1	2800/2700	L
ATS ROUTE W281 T/W							
4	TN VOR	143109.1S	1322215.6E	---/092			
1	DAPMA	144329.7S	1344419.2E	091/094	138.3	2400/2400	L
3	MRDAK	150836.0S	1382042.0E	092/092	211.0	2200/2600	L
3	VEVAV	152847.3S	1414454.5E	090/105	198.4	1900/1900	L
3	ELNOT	160109.7S	1431722.2E	104/104	94.8	2300/2500	L
3	DAMIL	162118.1S	1441607.9E	103/103	60.0	4800/4500	L
3	CS VOR	165100.1S	1454438.0E	102/---	90.0	5900/5800	L
ATS ROUTE W283 T/W							
3	LTV NDB	381209.1S	1462832.6E	---/358			
3	AY VOR	360404.8S	1465757.9E	358/---	130.1	7300/7300	L
ATS ROUTE W285 T/W							
3	GV VOR	121554.1S	1364859.1E	---/070			
4	GILUM	113636.0S	1390048.0E	069/069	135.0	1900/1900	L
3	HID NDB	103531.4S	1421733.2E	067/---	202.8	2300/2300	L
ATS ROUTE W287 T/W							
3	BRM NDB	175646.7S	1221407.1E	---/065			
1	DBY NDB	172124.6S	1234001.1E	065/069	89.3	2000/2000	L
3	PARAD	170234.5S	1243720.8E	069/069	58.0	2700/3700	L
2	MAMUT	162546.0S	1262553.3E	068/059	110.4	4100/4600	L
2	EGUMI	153035.2S	1280905.4E	058/039	113.6	4100/3900	L
2	LEVRI	132610.4S	1300047.0E	038/038	164.6	2600/2600	L
2	OLTAS	125549.3S	1302738.0E	038/038	40.0	2200/1900	L
2	DN VOR	122523.8S	1305423.3E	038/---	40.0	2200/1900	L
ATS ROUTE W290 T/W							
3	CB VOR	351653.2S	1491144.6E	---/178			
3	COM NDB	362113.6S	1485727.1E	178/206	65.3	7500/7500	L
3	VISER	372736.0S	1474936.0E	207/206	85.8	7500/7500	L
2	ESL NDB	380640.8S	1470934.4E	207/---	50.3	6300/6300	L
ATS ROUTE W291 T/W							
4	PUBAP	361856.8S	1413844.2E	---/121			
1	UBGUT	364019.3S	1421005.2E	120/121	33.1	2300/2300	L
3	ESDIG	374432.1S	1434524.0E	119/108	99.5	4800/4800	L
1	WENDY	375024.0S	1435842.0E	108/108	12.1	3000/3000	L
1	AV VOR	380256.0S	1442732.2E	107/051	26.0	2900/2900	L
1	SAMIG	375542.0S	1444518.0E	051/020	15.8	1800/1800	L
1	ESDAN	374336.3S	1445440.9E	020/---	14.2	2100/2100	L
ATS ROUTE W292 T/W							
3	BOU NDB	225453.2S	1395425.1E	---/008			
3	CCY NDB	203956.4S	1403003.8E	008/004	138.5	2700/2700	L
5	FLATS	185806.0S	1404948.0E	005/005	103.1	2400/2400	L
2	NTN NDB	174144.7S	1410422.9E	005/003	77.3	2100/2100	L
3	KERIN	161236.0S	1411742.0E	003/005	89.7	2100/2100	L
5	PUBOX	144424.0S	1413436.0E	005/004	89.3	2100/2100	L
3	WP VOR	124024.8S	1415520.9E	004/005	125.1	2100/2100	L
3	HID NDB	103531.4S	1421733.2E	005/---	126.2	2800/2200	L
ATS ROUTE W294 T/W							
2	GEL VOR	284725.2S	1144222.0E	---/342			
1	VIBID	255337.0S	1133438.0E	342/005	183.5	2400/2400	L
2	CAR VOR	245255.3S	1134022.4E	005/---	60.7	1700/1700	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W296 T/W							
1	MB NDB	375835.4S	1450525.2E	---/352			
1	MONTY	374330.9S	1450642.7E	352/---	15.1	2100/2100	L
ATS ROUTE W297 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/049			
3	GIPPS	374236.0S	1480506.0E	048/049	50.1	3900/3900	L
1	MER NDB	365451.3S	1495358.0E	047/---	99.1	5700/5700	L
ATS ROUTE W308 T/W							
2	NUNPA	400544.3S	1480053.4E	---/291			
3	SUNTI	383027.9S	1451248.7E	295/316	161.5	3900/3900	L
1	SAMIG	375542.0S	1444518.0E	317/---	40.9	2500/2500	L
ATS ROUTE W309 T/W							
3	CS VOR	165100.1S	1454438.0E	---/313			
2	TAMED	145512.0S	1440506.0E	315/315	150.0	5900/5900	L
3	COE NDB	134557.8S	1430702.1E	315/---	89.0	4100/4100	L
ATS ROUTE W310 T/W							
2	PKS VOR	330752.6S	1481414.3E	---/227			
3	BORLI	341458.0S	1460355.3E	228/204	127.7	3200/3200	L
3	MAKIV	353307.3S	1445706.5E	205/183	95.4	2300/2300	L
1	UGPUR	360955.4S	1444552.5E	183/177	37.9	2100/2100	L
1	CANTY	364824.0S	1443906.0E	177/---	38.8	2900/2900	L
ATS ROUTE W311 T/W							
1	BIVAT	273231.4S	1515443.1E	---/081			
1	WOBBL	273322.2S	1522514.9E	081/081	27.2	5100/5100	L
1	ENKOG	273413.1S	1530057.7E	080/---	31.8	5100/5100	L
ATS ROUTE W314 T/W							
3	KG VOR	304723.4S	1212710.0E	---/356			
2	LEO NDB	285243.9S	1211913.0E	355/331	114.6	3100/3100	L
3	LST NDB	275026.3S	1204201.0E	331/---	70.3	3300/3300	L
ATS ROUTE W318 T/W							
3	TW VOR	310357.9S	1504948.9E	---/320			
3	MOR NDB	292950.2S	1495105.6E	321/---	106.8	6500/6500	L
ATS ROUTE W319 T/W							
3	NONUM	165500.7S	1452442.7E	---/225			
3	ISMUN	181739.9S	1433256.6E	226/231	134.8	4800/5200	L
3	IKOLA	192412.0S	1414100.0E	232/232	125.2	2800/4300	L
3	MA VOR	203952.6S	1392908.3E	233/---	145.2	3400/3200	L
ATS ROUTE W321 T/W							
2	LM VOR	221405.4S	1140538.9E	---/106			
2	WYLOO	224822.8S	1161546.8E	105/105	125.2	3800/3400	L
2	PBO VOR	231021.4S	1174413.3E	104/097	84.5	4800/4500	L
4	NWN VOR	232515.9S	1194810.9E	096/---	115.1	5300/5300	L
ATS ROUTE W325 T/W							
3	AD VOR	345649.1S	1383128.3E	---/033			
1	BEVSO	341850.5S	1391058.6E	032/032	50.0	3500/3800	L
1	BEPKA	341113.7S	1391847.9E	032/032	10.0	3500/3800	L
3	DOTBO	334818.5S	1394209.2E	032/032	30.0	3500/3800	L
2	ALTRO	330958.1S	1402035.4E	031/031	50.0	3500/3800	L
2	BHI VOR	320002.4S	1412847.9E	031/002	90.5	3500/3800	L
3	PAKVU	305000.0S	1414436.0E	003/003	71.2	2900/2900	L
3	IDKEG	292646.9S	1420329.3E	003/---	84.6	2500/2700	L
ATS ROUTE W330 T/W							
3	TW VOR	310357.9S	1504948.9E	---/055			
3	LOSKU	302932.8S	1522133.1E	054/064	86.2	6600/6600	L
2	CFS VOR	301910.2S	1530715.2E	063/---	40.9	6600/6600	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W331 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/295			
5	ARUTA	253230.0S	1470948.0E	296/296	106.0	4100/4500	L
3	BELUL	242534.5S	1452609.1E	298/305	115.4	4000/4100	L
3	LRE NDB	232542.3S	1441720.9E	306/330	86.8	2400/2400	L
3	AKINU	204151.7S	1430636.2E	332/---	176.0	2600/2600	L
ATS ROUTE W334 T/W							
1	VEGAH	292436.0S	1524924.0E	---/141			
3	GFN NDB	294535.0S	1530138.8E	141/207	23.5	3700/3100	L
3	LOSKU	302932.8S	1522133.1E	207/---	56.0	6500/6500	L
ATS ROUTE W335 T/W							
3	AY VOR	360404.8S	1465757.9E	---/049			
5	COPPA	354654.0S	1473454.0E	048/048	34.6	4700/4900	L
1	WOLBI	352854.0S	1481230.0E	047/048	35.5	6000/6000	L
1	IGDEL	351537.7S	1484003.4E	047/---	26.1	6700/6700	L
ATS ROUTE W338 T/W							
3	RK VOR	232258.1S	1502817.5E	---/255			
2	EML NDB	233402.8S	1481015.8E	257/242	127.4	4500/4100	L
2	BELUL	242534.5S	1452609.1E	244/240	158.8	3900/4500	L
2	WDH NDB	252439.3S	1423947.5E	242/253	162.3	2900/3300	L
5	DAPPA	253524.0S	1413030.0E	253/253	63.6	2400/2400	L
3	BDV NDB	255346.6S	1392112.3E	255/---	118.2	2400/2400	L
ATS ROUTE W339 T/W							
1	BK NDB	335542.0S	1505918.6E	---/278			
3	KADOM	334238.9S	1501758.6E	279/---	36.8	5000/5000	L
ATS ROUTE W340 T/W							
3	CCY NDB	203956.4S	1403003.8E	---/123			
5	TINAH	213618.0S	1414518.0E	122/122	90.0	3000/3000	L
3	HOTTA	222936.0S	1425812.0E	121/121	86.1	2400/2400	L
3	LRE NDB	232542.3S	1441720.9E	120/---	92.0	2800/2800	L
ATS ROUTE W341 T/W							
1	WLU NDB	263729.2S	1201312.0E	---/269			
2	MEK VOR	263625.3S	1183157.0E	270/236	90.8	3500/3500	L
1	PIDEN	271226.4S	1173050.1E	237/237	65.4	3800/3800	L
2	TEROG	280212.0S	1160400.0E	238/238	91.7	3500/3500	L
2	GEL VOR	284725.2S	1144222.0E	239/---	84.9	2900/2900	L
ATS ROUTE W342 T/W							
3	OLTIN	323307.7S	1511527.0E	---/012			
3	TIMBO	321023.5S	1512741.6E	012/012	24.9	6600/6600	L
3	JOKER	312500.0S	1515148.0E	012/013	49.7	6600/6600	L
3	LOSKU	302932.8S	1522133.1E	013/---	61.0	6500/6500	L
ATS ROUTE W343 T/W							
3	ENPIM	375251.9S	1473406.7E	---/222			
2	ESL NDB	380640.8S	1470934.4E	222/---	23.8	2400/2400	L
ATS ROUTE W344 T/W							
2	AS VOR	234734.4S	1335241.6E	---/109			
3	MATMA	241954.0S	1351236.0E	108/108	79.9	4200/4600	L
3	ASUBO	252348.0S	1375900.0E	106/106	164.2	3100/3800	L
3	BDV NDB	255346.6S	1392112.3E	105/---	80.1	1900/1900	L
ATS ROUTE W345 T/W							
1	TONTO	341733.7S	1503841.9E	---/223			
3	GLB NDB	344825.8S	1494413.8E	223/---	54.5	4400/4400	L
ATS ROUTE W347 T/W							
1	MAKOR	330644.0S	1510821.5E	---/031			
3	MATLA	324517.6S	1513154.7E	030/350	29.2	3500/3500	L
4	ARM NDB	303138.3S	1513654.1E	350/353	133.4	6600/6600	L
3	MASMI	294020.3S	1514141.9E	353/350	51.3	6400/6400	L
3	OK VOR	272358.8S	1514416.3E	350/348	136.0	5800/6400	L
3	SUSGI	253541.9S	1514023.4E	348/336	108.0	5200/5200	L
3	GLA VOR	235154.9S	1511215.9E	337/---	106.6	4500/4500	L
ATS ROUTE W349 T/W							
3	BOU NDB	225453.2S	1395425.1E	---/344			
3	MA VOR	203952.6S	1392908.3E	344/355	136.6	4000/4000	L
5	MYALL	190600.0S	1393036.0E	355/355	93.5	3200/3200	L
1	IPLAV	174503.9S	1393154.3E	356/337	80.6	2700/2700	L
1	VESOP	163933.0S	1391013.4E	337/---	68.5	1500/1500	L
ATS ROUTE W353 T/W							
2	AGETA	300143.1S	1480742.3E	---/002			
2	SGE NDB	280249.8S	1483549.8E	002/082	121.1	2200/2200	L
3	OLGUM	280500.0S	1502000.0E	081/080	92.2	2700/2800	L
3	VIRAP	280536.0S	1515700.0E	079/079	85.8	5900/4400	L
1	DEBEE	280533.9S	1522050.0E	079/079	21.1	5900/5900	L
3	HUUGO	280523.3S	1525529.2E	078/---	30.6	5900/5900	L
ATS ROUTE W354 T/W							
3	BN VOR	272157.9S	1530821.2E	---/197			
1	ENKOG	273413.1S	1530057.7E	197/242	13.9	2300/2300	L
3	DULIN	273855.5S	1524324.6E	242/---	16.3	2700/4000	L
ATS ROUTE W356 T/W							
2	DN VOR	122523.8S	1305423.3E	---/119			
3	OPUDA	130748.2S	1320354.2E	119/119	80.0	2200/2600	L
3	TRUKA	135826.5S	1332809.0E	118/118	96.3	3000/3000	L
1	DAPMA	144329.7S	1344419.2E	117/128	86.5	3000/3000	L
1	IBUSU	160438.3S	1361818.1E	127/143	121.5	2200/2200	L
3	YARDD	172018.0S	1370918.0E	142/142	89.9	2600/2700	L
3	LITEL	183430.0S	1380030.0E	141/141	88.6	2900/2900	L
3	MA VOR	203952.6S	1392908.3E	140/128	150.3	3200/3200	L
5	MADLU	222400.0S	1412536.0E	127/127	150.2	3400/3400	L
5	MANSA	240918.0S	1432812.0E	125/125	154.1	2700/2700	L
3	IPMAD	254936.0S	1453006.0E	123/123	149.2	3300/3000	L
3	CV NDB	262512.1S	1461456.4E	122/094	53.7	3000/2800	L
5	RIRSA	264654.0S	1480648.0E	092/092	102.6	3400/3800	L
5	ALONE	270600.0S	1495330.0E	091/091	97.2	3500/3500	L
3	OK VOR	272358.8S	1514416.3E	089/131	100.3	4200/3200	L
1	DEBEE	280533.9S	1522050.0E	131/131	52.7	5900/5900	L
3	IDNER	285228.5S	1530252.7E	130/---	59.7	5900/5900	L
ATS ROUTE W357 T/W							
1	CANTY	364824.0S	1443906.0E	---/025			
4	VINOP	344207.1S	1463100.8E	024/032	155.5	3200/4100	L
2	PKS VOR	330752.6S	1481414.3E	031/---	127.4	3200/3200	L
ATS ROUTE W359 T/W							
2	MUDGI	323339.3S	1493537.3E	---/025			
3	NIXUG	312934.2S	1503125.6E	025/020	79.6	5500/5500	L
3	TW VOR	310357.9S	1504948.9E	020/---	30.0	4700/4700	L
ATS ROUTE W364 T/W							
2	DN VOR	122523.8S	1305423.3E	---/081			
3	WOOFA	121652.8S	1321538.5E	081/081	80.0	1800/1800	L
1	MGD NDB	120345.9S	1341354.0E	080/090	116.6	2700/2400	L
1	SAKEN	120540.0S	1345336.0E	089/080	38.9	1600/1600	L
1	MAKON	120110.0S	1353415.0E	080/098	40.1	1600/1600	L
3	GV VOR	121554.1S	1364859.1E	097/120	74.7	1900/1900	L
2	BUPMO	130048.0S	1375654.0E	120/120	80.0	1800/1800	L
2	GULFF	142200.0S	1400000.0E	119/119	144.6	1500/1500	L
3	VEVAV	152847.3S	1414454.5E	118/---	121.4	1500/1500	L
ATS ROUTE W368 T/W							

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	KADOM	334238.9S	1501758.6E	---/062			
3	RIC NDB	333549.0S	1504635.0E	062/---	24.8	5000/5000	L
ATS ROUTE W369 T/W							
3	BN VOR	272157.9S	1530821.2E	---/257			
2	RUDEY	272309.3S	1522326.7E	258/258	40.0	4100/4100	L
3	OK VOR	272358.8S	1514416.3E	258/277	34.9	4100/4100	L
3	MATVI	271500.6S	1511207.6E	277/277	30.0	3300/3300	L
5	SHIKO	265624.0S	1500700.0E	278/278	61.0	2900/3000	L
2	ROM NDB	263235.1S	1484654.1E	279/263	75.5	3100/3100	L
2	CV NDB	262512.1S	1461456.4E	265/265	136.5	3700/3700	L
5	MIPAM	261800.0S	1441142.0E	266/266	110.9	2800/2900	L
5	PEPPY	260636.0S	1413930.0E	268/268	137.4	2500/2700	L
3	BDV NDB	255346.6S	1392112.3E	270/---	125.3	2400/2400	L
ATS ROUTE W371 T/W							
3	DULIN	273855.5S	1524324.6E	---/091			
3	LAGOB	274541.1S	1532003.6E	090/---	33.2	2900/2900	L
ATS ROUTE W377 T/W							
5	UGVER	353730.3S	1472801.6E	---/065			
1	WOLBI	352854.0S	1481230.0E	064/064	37.3	6700/6700	L
3	CB VOR	351653.2S	1491144.6E	063/---	49.9	7500/7200	L
ATS ROUTE W379 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/044			
3	UNVAT	254809.9S	1495346.5E	044/---	74.7	3700/3700	L
ATS ROUTE W381 T/W							
4	ARM NDB	303138.3S	1513654.1E	---/119			
1	PMQ NDB	312608.4S	1525200.3E	118/---	84.4	5700/5700	L
ATS ROUTE W382 T/W							
1	WENDY	375024.0S	1435842.0E	---/070			
1	IGNES	374634.4S	1443041.6E	070/070	25.6	2900/0	L
1	ESDAN	374336.3S	1445440.9E	069/139	19.3	2900/0	L
1	MB NDB	375835.4S	1450525.2E	139/---	17.2	2200/2200	L
ATS ROUTE W386 T/W							
3	KADOM	334238.9S	1501758.6E	---/286			
3	BTH NDB	332450.6S	1493925.2E	287/262	36.8	5900/5900	L
1	VIRUR	332259.3S	1490727.8E	262/239	26.8	5200/5200	L
3	BUGNI	335608.4S	1471124.3E	241/---	102.4	6100/6100	L
ATS ROUTE W387 T/W							
3	ISMUN	181739.9S	1433256.6E	---/072			
3	KIBOP	175811.0S	1450649.9E	071/123	91.5	5000/5000	L
3	ENDET	182405.2S	1453957.7E	122/122	40.7	5400/5100	L
3	CARMN	185157.3S	1461555.1E	122/122	44.0	5400/5100	L
2	TL VOR	191439.1S	1464529.1E	121/083	36.0	4900/4900	L
1	LINBO	191506.0S	1472718.0E	083/130	39.6	3300/4300	L
3	ALBUX	200116.3S	1481254.9E	129/138	63.0	3900/3900	L
3	PN VOR	202948.8S	1483310.7E	138/131	34.2	3800/3800	L
3	MK VOR	211022.8S	1491114.0E	130/---	53.9	3400/3400	L
ATS ROUTE W388 T/W							
2	MENEN	263452.0S	1515029.0E	---/133			
2	DULIN	273855.5S	1524324.6E	132/---	79.4	3800/3800	L
ATS ROUTE W389 T/W							
2	NUNPA	400544.3S	1480053.4E	---/214			
2	IRSOM	411012.0S	1462603.2E	215/207	96.8	3100/3100	L
5	GOMOM	420910.2S	1451741.4E	208/---	78.1	6500/6500	L
ATS ROUTE W391 T/W							
5	UGVER	353730.3S	1472801.6E	---/348			
3	WG VOR	350956.7S	1472808.7E	349/338	27.5	4400/4400	L
3	BUGNI	335608.4S	1471124.3E	338/---	75.0	3100/3100	L
ATS ROUTE W394 T/W							
2	GEL VOR	284725.2S	1144222.0E	---/043			
2	RARIE	255206.0S	1173318.0E	040/040	231.8	4100/4100	L
4	NWN VOR	232515.9S	1194810.9E	038/046	191.1	4700/4700	L
4	DAZZA	212954.0S	1215918.0E	044/044	167.2	4100/4100	L
2	FAFKA	195706.0S	1234048.0E	044/044	132.7	3000/3300	L
2	UNSOV	181105.1S	1253325.3E	043/050	150.1	2700/2700	L
2	KU VOR	154631.7S	1284231.4E	049/---	231.4	4700/4700	L
ATS ROUTE W399 T/W							
1	COR NDB	355914.9S	1462125.9E	---/057			
5	UGVER	353730.3S	1472801.6E	056/047	58.4	3600/3600	L
3	AVBEG	344942.2S	1490231.7E	046/---	90.9	6000/6000	L
ATS ROUTE W402 T/W							
1	IPLAV	174503.9S	1393154.3E	---/083			
2	NTN NDB	174144.7S	1410422.9E	082/---	88.3	1500/1500	L
ATS ROUTE W403 T/W							
1	KADSI	310329.5S	1524724.5E	---/213			
3	SORTI	314915.5S	1515245.0E	214/---	65.4	5900/6700	L
ATS ROUTE W404 T/W							
4	ARG VOR	163754.1S	1282655.5E	---/238			
3	SUNIL	165600.0S	1275354.0E	238/238	36.5	4700/4000	L
2	UNSOV	181105.1S	1253325.3E	239/272	153.6	4700/4700	L
2	ALIRA	180345.6S	1234845.9E	272/272	99.9	2600/2600	L
3	BRM NDB	175646.7S	1221407.1E	273/---	90.5	2600/2600	L
ATS ROUTE W405 T/W							
3	ML VOR	373936.5S	1445031.2E	---/187			
1	MENOG	380804.7S	1443828.2E	187/187	30.0	2100/2100	L
1	TAITE	383132.0S	1442825.0E	187/187	24.7	1900/2200	L
2	TUVRA	391426.7S	1440946.4E	187/187	45.3	1800/2300	L
4	KII NDB	395320.8S	1435231.2E	187/---	41.1	1800/1800	L
ATS ROUTE W407 LIMITED SEG T/W							
2	ESL NDB	380640.8S	1470934.4E	---/149			
2	NUNPA	400544.3S	1480053.4E	147/157	125.5	3100/3100	L
2	MOTRA	412007.4S	1481654.1E	156/185	75.3	4000/4000	L
1	IPLET	422052.8S	1474648.5E	185/185	64.8	4800/6000	L
2	TASUM	425049.6S	1473136.0E	185/---	32.0	4800/6000	L
ATS ROUTE W408 T/W							
3	KG VOR	304723.4S	1212710.0E	---/045			
2	KAPSU	282413.8S	1240935.5E	042/042	201.1	3200/3300	L
3	WBR NDB	260741.4S	1263446.9E	040/075	187.8	3400/3400	L
3	UPRUN	252759.7S	1294135.3E	073/073	173.2	5600/5600	L
2	AYE NDB	251021.7S	1305829.3E	072/064	71.9	5600/5600	B
3	LUVAV	243630.5S	1322949.5E	063/053	89.6	3800/3800	B
1	PUMAK	240713.1S	1331942.3E	053/053	54.1	4400/4400	B
1	YOTHU	235546.4S	1333858.0E	053/053	21.0	4000/4000	B
2	AS VOR	234734.4S	1335241.6E	052/---	15.0	4200/4200	B
ATS ROUTE W409 T/W							
1	SU VOR	263551.7S	1530525.1E	---/183			
1	MOMGI	264535.8S	1530244.3E	183/183	10.0	0/0	L
1	BURPA	270423.0S	1525732.7E	183/---	19.3	0/0	L
ATS ROUTE W410 T/W							
5	GOMOM	420910.2S	1451741.4E	---/053			
2	MIKIS	414624.0S	1462742.0E	052/054	57.0	6700/6700	L
3	LT VOR	413237.8S	1471247.7E	053/061	36.5	6300/6300	L
2	MOTRA	412007.4S	1481654.1E	060/---	49.8	6600/6600	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 5

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W411 T/W							
3	DULIN	273855.5S	1524324.6E	---/193			
1	VONDO	281806.4S	1522346.8E	193/193	42.8	6400/6400	L
3	MASMI	294020.3S	1514141.9E	193/197	89.9	6400/6400	L
3	TW VOR	310357.9S	1504948.9E	197/216	94.7	6300/6400	L
1	ATVAV	311238.3S	1503842.6E	216/216	12.9	4400/4400	L
1	OSRAR	315034.0S	1494929.6E	217/229	56.6	5200/5200	L
1	UNSAR	321217.3S	1490448.3E	229/257	43.7	4500/4500	L
4	DU NDB	321303.1S	1483332.7E	257/---	26.5	3100/3100	L
ATS ROUTE W414 T/W							
3	SWH NDB	352249.8S	1433225.1E	---/214			
1	TURBI	361910.1S	1422441.5E	215/199	78.7	2000/2000	L
1	UBGUT	364019.3S	1421005.2E	199/---	24.2	2600/2600	L
ATS ROUTE W417 T/W							
1	DBY NDB	172124.6S	1234001.1E	---/113			
2	UNSOV	181105.1S	1253325.3E	112/107	119.0	2600/2600	L
1	PAMDO	183716.8S	1265301.9E	106/060	80.1	3300/3300	L
1	HLC NDB	181359.2S	1274020.8E	060/---	50.6	3700/3700	L
ATS ROUTE W419 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/231			
3	CWR NDB	335041.6S	1483911.7E	231/232	56.5	5400/5400	L
4	VINOP	344207.1S	1463100.8E	234/225	118.0	3900/3900	L
3	MAKIV	353307.3S	1445706.5E	226/---	92.3	2100/2100	L
ATS ROUTE W422 T/W							
1	ESDAN	374336.3S	1445440.9E	---/234			
1	TEMPL	375233.7S	1442941.4E	234/---	21.7	2600/2600	L
ATS ROUTE W423 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/178			
1	CULIN	344424.0S	1492324.0E	177/184	80.5	5600/5600	L
3	CB VOR	351653.2S	1491144.6E	184/---	33.8	4600/4600	B
ATS ROUTE W424 T/W							
3	AY VOR	360404.8S	1465757.9E	---/242			
1	SHT NDB	362542.1S	1452345.7E	243/226	79.2	3200/3200	L
1	CANTY	364824.0S	1443906.0E	227/---	42.5	3000/3400	L
ATS ROUTE W426 T/W							
3	AD VOR	345649.1S	1383128.3E	---/043			
1	VIRAT	344726.5S	1384538.8E	043/043	15.0	3500/3800	L
1	VILAD	342331.7S	1392059.1E	042/029	37.7	3800/3500	L
5	UNSOX	335308.2S	1394828.7E	028/029	38.0	2100/2000	L
4	ELAPO	330948.0S	1402706.0E	028/029	54.0	2100/2000	L
2	BHI VOR	320002.4S	1412847.9E	028/---	87.0	2800/2600	L
ATS ROUTE W428 T/W							
2	LEC NDB	303555.4S	1382632.1E	---/112			
3	LAROO	311642.0S	1395242.0E	111/110	84.5	5000/5000	L
2	BHI VOR	320002.4S	1412847.9E	109/094	92.7	3200/2600	L
5	RUNRO	322718.0S	1435636.0E	092/092	128.3	2700/2800	L
3	NODEK	324700.0S	1455342.0E	090/090	100.8	3300/3300	L
2	PKS VOR	330752.6S	1481414.3E	088/---	120.1	3400/3300	L
ATS ROUTE W429 T/W							
1	COR NDB	355914.9S	1462125.9E	---/088			
3	AY VOR	360404.8S	1465757.9E	087/---	30.0	3200/3200	L
ATS ROUTE W430 T/W							
1	RIC TAC	333626.2S	1504756.1E	---/146			
1	ANKUB	335911.9S	1505835.4E	146/182	24.4	2100/2100	L
3	WOL NDB	343328.6S	1504727.6E	182/---	35.4	3600/3600	L

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W431 T/W							
3	WG VOR	350956.7S	1472808.7E	---/029			
1	ASUMU	343738.5S	1480149.9E	029/012	42.5	4600/4600	L
3	METUV	341340.0S	1481443.9E	012/---	26.2	3400/3400	L
ATS ROUTE W434 T/W							
3	TW VOR	310357.9S	1504948.9E	---/040			
4	ARM NDB	303138.3S	1513654.1E	040/047	51.8	5700/5700	L
3	GFN NDB	294535.0S	1530138.8E	046/---	86.7	6300/6600	L
ATS ROUTE W436 T/W							
3	NWA NDB	345704.4S	1503147.2E	---/186			
4	URBOB	355354.1S	1500833.9E	186/178	59.8	4200/4400	L
1	MER NDB	365451.3S	1495358.0E	178/179	62.0	4100/4100	L
3	OTKED	373546.2S	1494306.0E	178/201	41.8	4300/4300	L
3	JANGU	384554.0S	1484130.0E	201/201	85.2	3100/4500	L
2	NIFTI	395354.0S	1473906.0E	202/202	83.4	4000/3100	L
2	IRSOM	411012.0S	1462603.2E	203/---	94.4	6200/3100	L
ATS ROUTE W437 T/W							
3	COM NDB	362113.6S	1485727.1E	---/030			
3	NWA NDB	345704.4S	1503147.2E	029/---	113.9	6300/6300	L
ATS ROUTE W438 T/W							
1	LUTVU	362517.5S	1461816.3E	---/215			
3	BOGES	365109.9S	1454418.5E	215/---	37.6	4100/4100	L
ATS ROUTE W439 T/W							
1	JACKA	384612.0S	1451548.0E	---/172			
3	AUDRA	400000.0S	1450942.0E	171/172	73.9	2000/2300	L
1	DOTVU	404959.4S	1450454.0E	171/---	50.1	1900/1900	L
ATS ROUTE W440 T/W							
3	AKMIR	341042.8S	1500624.3E	---/291			
1	RUPEM	335322.1S	1493452.1E	292/292	31.4	5900/5900	L
2	PKS VOR	330752.6S	1481414.3E	293/296	81.3	6100/6100	L
3	GAVAS	322000.0S	1465936.0E	297/297	79.0	3300/3300	L
3	CBA NDB	313224.5S	1454755.0E	298/---	77.3	3300/3300	L
ATS ROUTE W441 T/W							
3	TEMIS	371222.8S	1455006.2E	---/076			
3	VALDU	370827.9S	1473307.8E	074/071	82.4	7300/7300	L
1	MER NDB	365451.3S	1495358.0E	069/---	113.6	6900/6900	L
ATS ROUTE W446 T/W							
1	NICLA	320305.0S	1520015.7E	---/022			
1	KADSI	310329.5S	1524724.5E	022/357	71.8	5500/5000	L
3	GFN NDB	294535.0S	1530138.8E	357/000	78.7	5300/5600	L
3	RIDVO	284923.1S	1531526.8E	001/---	57.3	2400/2600	L
ATS ROUTE W448 T/W							
4	MIA VOR	341330.7S	1420438.2E	---/276			
3	MEECE	333736.0S	1393806.0E	279/279	127.1	4000/4000	L
3	WHA NDB	330329.2S	1373127.2E	281/---	111.4	4500/4500	L
ATS ROUTE W449 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/247			
3	LTV NDB	381209.1S	1462832.6E	248/267	32.8	2400/2400	L
3	BULKO	380912.0S	1460606.0E	267/270	17.9	3100/3100	L
1	WAREN	380100.0S	1451842.0E	271/271	38.3	4400/4400	L
1	MB NDB	375835.4S	1450525.2E	271/268	10.8	2500/2500	L
1	SAMIG	375542.0S	1444518.0E	269/273	16.2	1800/1800	L
1	TEMPL	375233.7S	1442941.4E	273/---	12.7	2900/2400	L
ATS ROUTE W451 T/W							
3	BORLI	341458.0S	1460355.3E	---/258			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	LEYOX	341518.1S	1440517.8E	260/260	98.3	2200/2200	L
4	MIA VOR	341330.7S	1420438.2E	262/262	100.0	2200/2200	L
3	DOVOD	341132.4S	1404033.4E	263/---	69.8	1900/1900	L
ATS ROUTE W456 T/W							
3	NBR NDB	301914.7S	1494952.1E	---/350			
3	MOR NDB	292950.2S	1495105.6E	351/---	49.3	3200/3200	L
ATS ROUTE W460 T/W							
3	RIC NDB	333549.0S	1504635.0E	---/268			
3	BTH NDB	332450.6S	1493925.2E	269/271	57.2	5600/5600	L
2	PKS VOR	330752.6S	1481414.3E	272/---	73.4	6100/6100	L
ATS ROUTE W462 T/W							
5	GOMOM	420910.2S	1451741.4E	---/100			
5	PADBU	423154.0S	1462848.0E	098/098	57.4	6200/6200	L
2	TASUM	425049.6S	1473136.0E	097/---	50.0	6200/6200	L
ATS ROUTE W463 T/W							
2	AGETA	300143.1S	1480742.3E	---/325			
5	BEETI	280312.0S	1470518.0E	326/326	130.3	2300/2300	L
3	CV NDB	262512.1S	1461456.4E	327/---	107.5	2800/2600	L
ATS ROUTE W465 T/W							
3	MNG VOR	365309.2S	1451139.2E	---/052			
1	LUTVU	362517.5S	1461816.3E	051/045	60.4	4000/4000	L
3	AY VOR	360404.8S	1465757.9E	045/---	38.5	4200/4200	L
ATS ROUTE W466 T/W							
1	OPUDI	343231.7S	1444957.8E	---/087			
4	VINOP	344207.1S	1463100.8E	085/110	83.9	2100/2100	L
3	WG VOR	350956.7S	1472808.7E	109/---	54.6	2700/2700	L
ATS ROUTE W468 T/W							
3	ONAGI	382816.4S	1453724.3E	---/251			
3	SUNTI	383027.9S	1451248.7E	252/338	19.4	2300/2300	L
1	MB NDB	375835.4S	1450525.2E	338/---	32.4	2100/2100	L
ATS ROUTE W469 T/W							
2	TL VOR	191439.1S	1464529.1E	---/229			
1	LASEL	193442.4S	1461347.5E	229/229	36.0	4200/4200	L
2	SULTU	200439.1S	1452555.0E	230/229	54.1	4700/4700	L
2	DOBGO	203039.1S	1444357.7E	230/230	47.2	4700/4700	L
3	HUG NDB	204914.2S	1441344.5E	230/208	33.9	4700/4700	L
3	TAXUM	222154.9S	1430501.8E	208/---	112.4	3000/3000	L
ATS ROUTE W472 T/W							
3	MK VOR	211022.8S	1491114.0E	---/193			
3	ISAAK	222254.0S	1484030.0E	193/193	77.7	5000/5000	L
2	EML NDB	233402.8S	1481015.8E	193/---	76.2	4300/4300	L
ATS ROUTE W473 T/W							
2	DN VOR	122523.8S	1305423.3E	---/104			
2	RUSKA	124434.6S	1320036.1E	104/104	67.5	1900/3000	L
2	DUMPA	132652.9S	1343049.0E	102/102	152.5	3300/3300	L
2	GTE NDB	135830.2S	1362719.6E	101/103	117.7	3300/3300	L
5	DOMTI	142506.5S	1375716.6E	102/102	91.3	2200/2200	L
5	ANLAR	150006.0S	1400000.0E	101/101	123.9	1500/1500	L
3	VEVAV	152847.3S	1414454.5E	100/033	105.4	1500/1500	L
3	COE NDB	134557.8S	1430702.1E	032/005	129.7	3500/3500	L
3	LHR NDB	124718.9S	1431813.5E	005/---	59.4	3600/3600	L
ATS ROUTE W477 T/W							
1	SHT NDB	362542.1S	1452345.7E	---/188			
3	MNG VOR	365309.2S	1451139.2E	188/197	29.1	3000/3000	L
1	KEVIG	370547.3S	1450301.6E	197/197	14.4	4100/4100	L
1	BELTA	372743.9S	1444753.6E	198/---	25.0	4100/4100	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W478 T/W							
1	ISNOL	342312.4S	1485831.8E	---/241			
1	ASUMU	343738.5S	1480149.9E	241/254	49.0	3900/3900	L
4	VINOP	344207.1S	1463100.8E	256/---	75.0	3800/3800	L
ATS ROUTE W481 T/W							
4	MIA VOR	341330.7S	1420438.2E	---/125			
3	SWH NDB	352249.8S	1433225.1E	123/118	100.1	1800/1800	L
1	UGPUR	360955.4S	1444552.5E	117/143	76.1	2100/2100	L
3	MNG VOR	365309.2S	1451139.2E	143/148	47.9	3000/3000	L
1	LACEY	373304.9S	1453013.3E	148/---	42.5	4900/4900	L
ATS ROUTE W482 T/W							
4	ASIXA	090426.5S	1431244.8E	---/206			H
3	HID NDB	103531.4S	1421733.2E	206/---	105.8	0/0	B
ATS ROUTE W483 T/W							
1	MGD NDB	120345.9S	1341354.0E	---/242			
1	KIBET	123929.0S	1325336.0E	243/274	86.3	3000/3400	L
1	DAGAK	123506.1S	1321533.6E	274/274	37.4	3000/3400	L
2	DN VOR	122523.8S	1305423.3E	275/---	80.0	2400/1900	L
ATS ROUTE W486 T/W							
1	ABA NDB	345707.8S	1174837.9E	---/072			
4	HOODY	342454.0S	1193436.0E	070/070	93.1	3300/4700	L
3	ESP VOR	334050.1S	1214925.6E	067/066	120.4	3200/3200	L
3	JAMBO	325135.6S	1240000.0E	064/064	120.0	3000/3400	L
2	OLRUX	321548.1S	1252943.7E	062/056	83.8	3000/3400	L
2	FRT NDB	305117.6S	1280557.7E	054/103	157.9	2100/2100	L
3	ENTRE	313202.8S	1305656.8E	100/100	152.2	2100/2100	B
2	CDU NDB	320735.6S	1334337.0E	098/141	146.4	2100/2100	B
2	KAMBI	340805.6S	1352023.3E	139/130	145.1	2200/2100	L
1	PLC NDB	343615.9S	1355223.7E	130/---	38.6	2900/2900	L
ATS ROUTE W492 T/W							
1	VESOP	163933.0S	1391013.4E	---/115			
2	NTN NDB	174144.7S	1410422.9E	114/---	125.6	1500/1500	L
ATS ROUTE W494 T/W							
3	LAGOB	274541.1S	1532003.6E	---/133			
1	FAUKS	282434.9S	1535136.4E	133/200	47.8	2700/2700	L
1	BNA NDB	285004.2S	1533344.6E	200/253	29.9	2500/2500	L
3	IDNER	285228.5S	1530252.7E	254/---	27.2	2700/2700	L
ATS ROUTE W495 T/W							
1	MONTY	374330.9S	1450642.7E	---/140			
1	WAREN	380100.0S	1451842.0E	140/177	19.9	4000/4000	L
3	SUNTI	383027.9S	1451248.7E	177/160	29.8	3600/3600	L
1	JACKA	384612.0S	1451548.0E	159/159	15.9	1600/1700	L
2	AKLAB	400000.1S	1453045.6E	158/159	74.6	1600/1700	L
3	WYY NDB	405952.7S	1454229.6E	158/---	60.5	2300/2300	L
ATS ROUTE W497 T/W							
1	ISNOL	342312.4S	1485831.8E	---/226			
3	WG VOR	350956.7S	1472808.7E	227/247	87.9	4600/4600	L
3	MAKIV	353307.3S	1445706.5E	249/---	125.7	3300/3300	L
ATS ROUTE W499 T/W							
1	RIGTU	255100.0S	1483300.0E	---/154			
2	ROM NDB	263235.1S	1484654.1E	154/177	43.3	3300/4500	L
2	SGE NDB	280249.8S	1483549.8E	176/202	90.5	3000/3000	L
1	GODIM	283530.0S	1481300.0E	202/---	38.3	2400/2800	L
ATS ROUTE W504 T/W							
3	BELUL	242534.5S	1452609.1E	---/102			
3	SUPGA	250507.6S	1473019.0E	100/100	119.7	5500/5500	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	UNVAT	254809.9S	1495346.5E	098/096	136.8	5500/5500	L
3	LEVPU	261726.0S	1514900.6E	095/095	107.8	3900/3500	L
1	SU VOR	263551.7S	1530525.1E	094/---	71.0	4300/4000	L
ATS ROUTE W512 T/W							
1	NUGRU	233611.0S	1484824.6E	---/110			
3	RUROX	242938.9S	1503411.6E	109/033	110.5	4500/4500	L
3	GLA VOR	235154.9S	1511215.9E	033/---	51.2	4400/4300	L
ATS ROUTE W514 T/W							
2	AGETA	300143.1S	1480742.3E	---/104			
3	TW VOR	310357.9S	1504948.9E	102/---	153.1	4500/4300	L
ATS ROUTE W516 T/W							
2	BHI VOR	320002.4S	1412847.9E	---/085			
3	AREST	321104.3S	1455147.2E	082/081	223.7	3200/3200	L
4	DU NDB	321303.1S	1483332.7E	079/---	137.3	3300/3300	L
ATS ROUTE W518 T/W							
1	NIPOM	220344.9S	1480431.1E	---/113			
3	PUMET	225722.5S	1494052.9E	112/112	104.0	3500/3500	L
3	RK VOR	232258.1S	1502817.5E	111/---	50.6	3300/3300	L
ATS ROUTE W519 T/W							
3	AD VOR	345649.1S	1383128.3E	---/130			
1	ALBUT	354116.9S	1392052.6E	129/143	60.0	3800/3800	L
3	BUVGA	360802.5S	1393904.1E	142/142	30.5	1700/1700	L
3	MTG VOR	374505.0S	1404707.0E	141/126	111.2	2500/2100	L
3	NOGIP	381851.6S	1412824.1E	126/121	46.9	2200/2200	L
4	KII NDB	395320.8S	1435231.2E	117/124	146.6	2200/2200	L
1	DOTVU	404959.4S	1450454.0E	122/---	79.2	2200/1900	L
ATS ROUTE W524 T/W							
3	WG VOR	350956.7S	1472808.7E	---/216			
1	COR NDB	355914.9S	1462125.9E	217/214	73.4	3200/3200	L
3	MNG VOR	365309.2S	1451139.2E	215/---	77.9	3300/3300	L
ATS ROUTE W528 T/W							
2	TL VOR	191439.1S	1464529.1E	---/248			
2	VIPUB	193706.3S	1451308.8E	249/249	90.1	4300/4900	L
2	KIPPA	200440.9S	1431341.7E	250/250	115.9	4900/4900	L
3	RACEV	203030.8S	1411522.1E	251/251	114.2	4400/4100	L
2	CCY NDB	203956.4S	1403003.8E	252/---	43.5	2400/2400	L
ATS ROUTE W529 T/W							
4	URBOB	355354.1S	1500833.9E	---/295			
3	CB VOR	351653.2S	1491144.6E	296/---	59.3	5900/5900	L
ATS ROUTE W534 T/W							
3	SU VOR	263551.7S	1530525.1E	---/297			
2	SEBVA	261723.5S	1523901.9E	297/297	30.0	3000/3000	L
1	SUSGI	253541.9S	1514023.4E	298/---	67.2	3900/3900	L
ATS ROUTE W535 T/W							
2	ENPAG	313308.0S	1471141.4E	---/122			
3	WEAVA	321706.0S	1480848.0E	121/121	65.5	2300/2300	L
3	BTH NDB	332450.6S	1493925.2E	119/---	102.0	6500/5100	L
ATS ROUTE W536 T/W							
3	LHR NDB	124718.9S	1431813.5E	---/353			
4	REEFE	110000.0S	1431530.0E	353/354	106.9	3200/3600	B
4	ASIXA	090426.5S	1431244.8E	353/---	115.1	1900/3200	B
ATS ROUTE W538 T/W							
1	MB NDB	375835.4S	1450525.2E	---/210			
1	TAITE	383132.0S	1442825.0E	210/---	44.0	1900/2700	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W539 T/W							
1	ENTOL	172725.7S	1404959.9E	---/131			
2	NTN NDB	174144.7S	1410422.9E	130/---	19.8	1500/1500	L
ATS ROUTE W540 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/310			
4	DU NDB	321303.1S	1483332.7E	311/303	90.6	4700/4900	L
3	HUMOK	311912.0S	1472800.0E	304/303	77.5	2600/2600	L
3	BKE NDB	300236.5S	1455657.6E	305/---	109.6	2800/2400	L
ATS ROUTE W541 T/W							
1	MER NDB	365451.3S	1495358.0E	---/293			
3	COM NDB	362113.6S	1485727.1E	294/270	56.5	5600/5600	L
4	DUBUS	360854.5S	1475142.8E	271/264	54.6	8700/8700	L
3	AY VOR	360404.8S	1465757.9E	265/275	43.8	5700/5700	L
3	MAKIV	353307.3S	1445706.5E	277/267	103.0	3200/3200	L
3	SWH NDB	352249.8S	1433225.1E	269/---	69.9	1800/1800	L
ATS ROUTE W542 T/W							
3	MOR NDB	292950.2S	1495105.6E	---/115			
1	OVNOM	293912.8S	1500604.6E	115/157	16.1	2500/2500	L
1	OLKUR	295351.5S	1500937.2E	157/139	14.9	3500/3500	L
1	OMGOS	301909.6S	1502622.3E	139/145	29.1	4500/4500	L
3	TW VOR	310357.9S	1504948.9E	144/---	49.1	5000/5000	L
ATS ROUTE W545 T/W							
3	WG VOR	350956.7S	1472808.7E	---/084			
3	POPLA	351336.0S	1481600.0E	083/084	39.4	4900/4900	L
1	IGDEL	351537.7S	1484003.4E	084/081	19.8	5900/5900	L
3	CB VOR	351653.2S	1491144.6E	080/---	26.0	6100/6100	L
ATS ROUTE W549 T/W							
1	TEDEB	291145.2S	1532346.3E	---/067			
1	NOMIT	290500.0S	1540000.0E	066/011	32.4	0/0	L
1	ATADO	280000.0S	1543000.0E	010/309	70.0	0/0	L
2	SAVER	273110.7S	1540335.7E	310/278	37.1	0/0	L
1	ENAID	272256.5S	1533732.3E	278/---	24.6	0/0	L
ATS ROUTE W550 T/W							
4	MIA VOR	341330.7S	1420438.2E	---/310			
3	ALTIR	323936.0S	1403012.0E	312/311	122.6	3400/3700	L
2	LEC NDB	303555.4S	1382632.1E	313/311	162.4	5200/5000	L
3	CALAR	290000.0S	1364951.1E	313/313	127.4	3100/3100	L
3	GOMUL	273316.5S	1352629.5E	314/---	113.6	2800/2800	L
ATS ROUTE W551 T/W							
1	MAKOR	330644.0S	1510821.5E	---/126			
1	YAKKA	331132.4S	1511322.5E	126/---	6.4	2800/2800	L
ATS ROUTE W553 T/W							
3	HUUGO	280523.3S	1525529.2E	---/037			
3	LAGOB	274541.1S	1532003.6E	037/---	29.3	3300/3300	L
ATS ROUTE W562 T/W							
2	NUNPA	400544.3S	1480053.4E	---/296			
3	ONAGI	382816.4S	1453724.3E	300/307	148.0	3900/3900	L
1	MB NDB	375835.4S	1450525.2E	308/---	38.9	2400/2400	L
ATS ROUTE W564 T/W							
4	KII NDB	395320.8S	1435231.2E	---/117			
3	THRUM	403001.7S	1445251.2E	115/116	59.0	2200/2200	L
2	WYY NDB	405952.7S	1454229.6E	115/133	48.1	3000/3000	L
2	GOTLU	414819.7S	1462509.0E	132/133	58.1	6300/6700	L
1	RIBLI	422824.0S	1470042.0E	132/---	48.0	6300/6700	L
ATS ROUTE W565 T/W							

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 5

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	UGPOT	315322.2S	1523034.1E	---/286			
3	SANAD	312311.0S	1512444.6E	287/---	63.8	6100/6100	L
ATS ROUTE W566 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/340			
2	POLUP	313324.0S	1370830.0E	341/341	92.0	2700/2700	L
1	GOKIB	302907.0S	1365236.0E	341/---	65.6	2700/2700	L
ATS ROUTE W567 T/W							
3	HID NDB	103531.4S	1421733.2E	---/150			
1	PIGIG	105702.0S	1422734.0E	150/151	23.6	2100/2100	L
3	LHR NDB	124718.9S	1431813.5E	150/139	120.5	3200/3200	L
2	BENTA	143518.0S	1443706.0E	138/141	132.1	3500/4100	L
2	GUPDA	152655.0S	1451114.2E	141/153	61.1	6100/3500	L
3	CS VOR	165100.1S	1454438.0E	152/---	89.7	6000/6000	L
ATS ROUTE W569 T/W							
1	DOSEL	370954.4S	1452343.1E	---/030			
3	BOGES	365109.9S	1454418.5E	030/040	24.9	4100/4100	L
1	VEGRU	362248.9S	1462858.8E	040/040	45.8	4400/4400	L
3	AY VOR	360404.8S	1465757.9E	039/031	30.0	4400/4400	L
5	UGVER	353730.3S	1472801.6E	031/034	36.1	4200/4200	L
1	ISNOL	342312.4S	1485831.8E	033/---	105.0	4600/4600	L
ATS ROUTE W571 T/W							
1	KEVIG	370547.3S	1450301.6E	---/226			
3	ESDIG	374432.1S	1434524.0E	227/231	72.9	4500/4500	L
1	LANUN	380036.0S	1430648.0E	232/231	34.5	3000/3000	L
1	IBOBO	381714.5S	1422713.3E	232/---	35.4	2700/2700	L
ATS ROUTE W572 T/W							
3	OK VOR	272358.8S	1514416.3E	---/207			
3	MOR NDB	292950.2S	1495105.6E	208/156	160.3	3600/3600	L
3	OLRON	305714.9S	1501453.7E	155/145	89.6	6500/6500	L
3	NIXUG	312934.2S	1503125.6E	145/---	35.2	3700/3700	L
ATS ROUTE W575 T/W							
3	NWA NDB	345704.4S	1503147.2E	---/323			
3	AKMIR	341042.8S	1500624.3E	323/321	50.8	5100/5100	L
1	REVKI	335418.9S	1495634.2E	321/322	18.3	6000/6000	L
3	BTH NDB	332450.6S	1493925.2E	322/345	32.7	6000/6000	L
2	MUDGI	323339.3S	1493537.3E	345/---	51.2	5600/5600	L
ATS ROUTE W577 T/W							
4	KII NDB	395320.8S	1435231.2E	---/032			
2	GULNU	391901.2S	1443534.9E	032/032	47.8	1800/1800	L
1	JACKA	384612.0S	1451548.0E	031/031	45.4	1500/1500	L
3	ONAGI	382816.4S	1453724.3E	031/---	24.6	2400/2400	L
ATS ROUTE W584 T/W							
2	AS VOR	234734.4S	1335241.6E	---/138			
3	DESET	245042.0S	1344612.0E	137/137	79.7	4200/4600	L
4	TREBL	265130.0S	1363218.0E	135/135	153.8	3100/3400	L
3	DOKSU	284712.0S	1381842.0E	134/134	149.0	2400/2400	L
4	ARANA	301306.0S	1394118.0E	132/132	112.0	4900/4900	L
2	BHI VOR	320002.4S	1412847.9E	130/159	141.1	4900/4900	L
5	PILTA	331130.0S	1414736.0E	158/158	73.1	2600/2600	L
4	MIA VOR	341330.7S	1420438.2E	158/169	63.5	1800/1800	L
2	GALAH	350454.0S	1420642.0E	169/169	51.3	2200/2200	L
1	UBGUT	364019.3S	1421005.2E	168/175	95.3	2600/2600	L
1	HML NDB	373857.4S	1420328.3E	175/204	58.8	4600/4600	L
3	NOGIP	381851.6S	1412824.1E	205/---	48.6	2900/2500	L
ATS ROUTE W592 T/W							
2	EML NDB	233402.8S	1481015.8E	---/348			
1	NIPOM	220344.9S	1480431.1E	348/041	90.1	4200/4200	L
3	MK VOR	211022.8S	1491114.0E	041/---	81.8	5000/5000	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W595 T/W							
3	KADOM	334238.9S	1501758.6E	---/276			
3	LOWDI	333124.0S	1493648.0E	276/277	36.2	5900/6000	L
1	VIRUR	332259.3S	1490727.8E	277/277	25.9	5200/5200	L
2	PKS VOR	330752.6S	1481414.3E	278/---	47.1	6100/6100	L
ATS ROUTE W596 T/W							
3	GV VOR	121554.1S	1364859.1E	---/188			
5	KELVN	130924.0S	1363742.0E	188/188	54.4	1900/1900	L
2	GTE NDB	135830.2S	1362719.6E	188/242	49.9	1900/1900	L
1	DAPMA	144329.7S	1344419.2E	242/---	109.6	2100/2100	L
ATS ROUTE W598 T/W							
1	ROONY	283132.6S	1533614.4E	---/214			
3	RIDVO	284923.1S	1531526.8E	214/243	25.5	0/3800	L
3	IDNER	285228.5S	1530252.7E	243/227	11.5	2700/2700	L
2	IVL NDB	295304.9S	1510823.9E	228/---	116.9	6400/6400	L
ATS ROUTE W603 T/W							
2	CFS VOR	301910.2S	1530715.2E	---/186			
2	UGPOT	315322.2S	1523034.1E	186/200	99.1	4000/4000	L
1	WONKA	322640.8S	1520551.8E	200/200	39.3	3700/3700	L
3	WLM NDB	324812.1S	1514943.6E	200/208	25.4	3700/3700	L
3	MEPIL	332409.8S	1511241.1E	209/---	47.5	3000/3000	L
ATS ROUTE W604 T/W							
3	KADOM	334238.9S	1501758.6E	---/320			
3	BENBU	331148.0S	1495854.0E	321/321	34.7	5600/5900	L
2	MUDGI	323339.3S	1493537.3E	321/---	42.8	5500/5600	L
ATS ROUTE W605 T/W							
3	WP VOR	124024.8S	1415520.9E	---/251			
5	HEALE	130848.0S	1400000.0E	251/251	116.1	1900/1900	L
5	HOKOR	133718.0S	1380000.0E	252/252	120.4	1500/1500	L
2	GTE NDB	135830.2S	1362719.6E	253/258	92.6	2200/2200	L
1	SUNIX	141116.3S	1345526.0E	259/259	90.2	2300/2300	L
3	KAKAL	141806.0S	1340424.0E	259/259	50.0	2600/2400	L
4	TN VOR	143109.1S	1322215.6E	260/212	100.0	2900/2600	L
3	OVMIS	162417.2S	1310024.5E	212/187	137.6	2400/2400	L
1	HOO NDB	181951.4S	1303813.9E	187/---	117.0	2800/2600	L
ATS ROUTE W612 T/W							
1	CANTY	364824.0S	1443906.0E	---/014			
3	BORLI	341458.0S	1460355.3E	013/009	168.1	2900/3700	L
2	ENPAG	313308.0S	1471141.4E	009/018	171.3	3300/3300	L
3	LAYUP	303941.1S	1474441.2E	018/018	60.4	2000/2300	L
2	AGETA	300143.1S	1480742.3E	017/---	42.8	2000/2300	L
ATS ROUTE W613 T/W							
2	ROM NDB	263235.1S	1484654.1E	---/340			
2	EML NDB	233402.8S	1481015.8E	341/001	181.1	5500/5500	L
1	ESLAR	223551.5S	1482104.0E	001/326	58.8	4200/4200	L
1	NIPOM	220344.9S	1480431.1E	326/328	35.5	4200/4200	L
3	TASUN	203724.0S	1472354.0E	329/328	94.0	3400/3700	L
3	TL VOR	191439.1S	1464529.1E	329/---	90.0	5500/5500	L
ATS ROUTE W614 T/W							
3	OVMIS	162417.2S	1310024.5E	---/356			
3	NUTTA	150031.9S	1305815.9E	356/356	83.4	2600/2600	L
3	JOSHU	134543.1S	1305622.4E	356/356	74.5	2600/2600	L
2	DN VOR	122523.8S	1305423.3E	356/---	80.0	2600/2600	L
ATS ROUTE W617 T/W							
1	CBP NDB	290154.5S	1344325.6E	---/119			
5	ELGON	295342.0S	1361212.0E	117/118	93.1	2200/2200	L
2	OMKEK	302712.7S	1370959.7E	117/---	60.2	2200/2100	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
	ATS ROUTE W623 T/W						
3	BKE NDB	300236.5S	1455657.6E	---/075			
1	OLVOR	295829.2S	1464842.3E	075/083	45.1	1900/1900	L
3	VERAV	295939.4S	1471508.9E	083/083	23.0	2000/2000	L
2	AGETA	300143.1S	1480742.3E	082/077	45.7	2000/2000	L
2	IVL NDB	295304.9S	1510823.9E	075/075	157.2	6800/6000	L
3	GFN NDB	294535.0S	1530138.8E	073/---	98.8	6400/6400	L
	ATS ROUTE W625 T/W						
3	DULIN	273855.5S	1524324.6E	---/222			
2	GEPEC	274611.6S	1523228.9E	222/222	12.1	3000/3800	L
2	DEJAY	285028.5S	1505343.9E	223/223	108.2	5200/5400	L
2	MOR NDB	292950.2S	1495105.6E	224/---	67.4	3900/3900	L
	ATS ROUTE W626 T/W						
2	CAR VOR	245255.3S	1134022.4E	---/066			
3	ENSID	240218.0S	1154230.0E	065/065	122.3	2800/2800	L
2	PBO VOR	231021.4S	1174413.3E	064/---	123.2	5100/3700	L
	ATS ROUTE W627 T/W						
2	MUDGI	323339.3S	1493537.3E	---/349			
1	LEDIX	314625.0S	1493634.0E	350/315	47.1	4300/4300	L
5	ANBAN	311948.1S	1491614.4E	316/---	31.7	4200/4200	L
	ATS ROUTE W635 T/W						
3	NOGIP	381851.6S	1412824.1E	---/078			
1	IBOBO	381714.5S	1422713.3E	077/071	46.3	2200/2200	L
1	AV VOR	380256.0S	1442732.2E	069/070	96.0	2500/2500	L
1	MB NDB	375835.4S	1450525.2E	070/---	30.3	1700/1700	L
	ATS ROUTE W636 T/W						
3	BUD NDB	245423.7S	1521913.1E	---/305			
3	GLA VOR	235154.9S	1511215.9E	306/296	87.3	3900/3900	L
3	RK VOR	232258.1S	1502817.5E	296/---	49.6	3500/3500	L
	ATS ROUTE W637 T/W						
3	TL VOR	191439.1S	1464529.1E	---/239			
2	KALVI	195022.7S	1451750.6E	240/240	90.1	4700/4900	L
3	AKINU	204151.7S	1430636.2E	241/---	133.6	4700/4700	L
	ATS ROUTE W638 T/W						
4	DU NDB	321303.1S	1483332.7E	---/185			
2	PKS VOR	330752.6S	1481414.3E	185/186	57.1	4000/4000	L
3	WG VOR	350956.7S	1472808.7E	186/193	127.7	3800/3800	L
3	AY VOR	360404.8S	1465757.9E	193/---	59.4	3600/3600	L
	ATS ROUTE W639 T/W						
3	BUGNI	335608.4S	1471124.3E	---/240			
3	BORLI	341458.0S	1460355.3E	241/243	59.1	3200/3200	L
1	OPUDI	343231.7S	1444957.8E	244/---	63.7	2200/2200	L
	ATS ROUTE W643 T/W						
3	CB VOR	351653.2S	1491144.6E	---/148			
3	NOLUN	360100.0S	1493036.0E	148/148	46.7	6800/6800	L
1	MER NDB	365451.3S	1495358.0E	147/---	57.0	6300/5900	L
	ATS ROUTE W644 T/W						
3	CV NDB	262512.1S	1461456.4E	---/320			
5	TUNGU	243754.0S	1450354.0E	321/321	124.8	3000/3000	L
3	LRE NDB	232542.3S	1441720.9E	322/306	83.6	3300/3300	L
3	TAXUM	222154.9S	1430501.8E	307/298	92.2	2700/2700	L
5	MEGOL	213212.0S	1414824.0E	299/299	86.8	2500/2500	L
3	CCY NDB	203956.4S	1403003.8E	300/---	89.9	2800/2800	L
	ATS ROUTE W649 T/W						
2	ESL NDB	380640.8S	1470934.4E	---/295			
3	MNG VOR	365309.2S	1451139.2E	297/340	119.2	6600/6600	L
3	MAKIV	353307.3S	1445706.5E	341/---	80.8	3000/3000	L
	ATS ROUTE W652 T/W						
3	WOL NDB	343328.6S	1504727.6E	---/321			
1	ODALE	340521.2S	1503103.9E	322/322	31.2	3900/5900	L
1	DARGI	335518.0S	1502512.0E	322/---	11.2	4700/5900	L
	ATS ROUTE W654 T/W						
3	BOGES	365109.9S	1454418.5E	---/029			
3	WG VOR	350956.7S	1472808.7E	028/023	131.6	4200/4200	L
3	METUV	341340.0S	1481443.9E	022/030	68.1	4200/4200	L
3	CWR NDB	335041.6S	1483911.7E	030/029	30.6	3700/3700	L
1	VIRUR	332259.3S	1490727.8E	029/---	36.4	5500/5500	L
	ATS ROUTE W655 T/W						
1	OVNOM	293912.8S	1500604.6E	---/325			
2	SULMI	281317.5S	1492314.9E	326/---	93.6	2400/2400	L
	ATS ROUTE W656 T/W						
2	CFS VOR	301910.2S	1530715.2E	---/203			
3	SORTI	314915.5S	1515245.0E	204/204	110.3	6600/6600	L
1	IDSEB	320705.8S	1513740.4E	204/204	21.9	5700/5600	L
3	OLTIN	323307.7S	1511527.0E	204/---	32.1	5600/5600	L
	ATS ROUTE W657 T/W						
1	UGPUR	360955.4S	1444552.5E	---/200			
3	TELIP	364434.0S	1441934.1E	201/198	40.6	2300/2300	L
1	DOVUT	365435.5S	1441239.9E	198/198	11.4	4000/4000	L
1	IRVAK	373048.9S	1434725.8E	198/176	41.4	4000/4000	L
3	ESDIG	374432.1S	1434524.0E	176/---	13.8	3500/3500	L
	ATS ROUTE W658 T/W						
1	UPVEN	314655.6S	1501439.1E	---/335			
1	IVTET	310925.7S	1500357.4E	335/335	38.5	5400/5400	L
1	NBR NDB	301914.7S	1494952.1E	336/---	51.5	3800/3800	L
	ATS ROUTE W660 T/W						
3	TL VOR	191439.1S	1464529.1E	---/202			
2	TOGEN	204312.0S	1455318.0E	202/201	101.0	3900/5500	L
5	ENSAB	214130.0S	1451930.0E	201/201	66.1	3400/4700	L
3	LRE NDB	232542.3S	1441720.9E	202/---	118.7	3100/3100	L
	ATS ROUTE W661 T/W						
3	ML VOR	373936.5S	1445031.2E	---/137			
1	MB NDB	375835.4S	1450525.2E	136/---	22.3	2200/2200	L
	ATS ROUTE W663 T/W						
3	MNG VOR	365309.2S	1451139.2E	---/015			
4	VINOP	344207.1S	1463100.8E	015/025	145.9	3000/3000	L
3	BUGNI	335608.4S	1471124.3E	025/036	56.8	2800/2800	L
1	VELGI	332151.4S	1475539.5E	036/037	50.4	3200/3200	L
2	PKS VOR	330752.6S	1481414.3E	037/---	20.9	3100/3100	L
	ATS ROUTE W664 T/W						
3	RK VOR	232258.1S	1502817.5E	---/273			
5	KANBU	231048.0S	1492900.0E	274/274	55.9	3400/3400	L
3	LUKPU	224622.8S	1473729.8E	275/---	105.7	4300/4300	L
	ATS ROUTE W667 T/W						
3	BOGES	365109.9S	1454418.5E	---/068			
2	SOVRU	363206.0S	1475042.0E	066/067	103.4	8700/8000	L
3	COM NDB	362113.6S	1485727.1E	066/052	54.9	8700/8700	L
4	URBOB	355354.1S	1500833.9E	051/---	63.7	6200/6100	L
	ATS ROUTE W673 T/W						
1	MB NDB	375835.4S	1450525.2E	---/194			

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	ALPAL	391606.4S	1441639.6E	195/195	86.4	2500/2500	L
4	KII NDB	395320.8S	1435231.2E	195/---	41.6	1800/1800	L
ATS ROUTE W674 T/W							
3	WLM NDB	324812.1S	1514943.6E	---/343			
4	ARM NDB	303138.3S	1513654.1E	344/316	136.7	6200/6200	L
2	IVL NDB	295304.9S	1510823.9E	316/---	45.7	6000/6000	L
ATS ROUTE W675 T/W							
3	OTKED	373546.2S	1494306.0E	---/320			
3	COM NDB	362113.6S	1485727.1E	321/301	82.9	6100/6100	L
1	MUSOP	353106.0S	1475412.0E	303/303	71.7	8200/8200	L
3	WG VOR	350956.7S	1472808.7E	303/272	30.0	4700/4700	L
3	RUNDA	345636.0S	1462324.0E	273/276	54.8	2900/3300	L
1	OPUDI	343231.7S	1444957.8E	277/---	80.7	2200/2700	L
ATS ROUTE W676 T/W							
2	ENPAG	313308.0S	1471141.4E	---/260			
3	CBA NDB	313224.5S	1454755.0E	261/252	71.6	2700/2700	L
3	COBHI	314754.0S	1433100.0E	254/254	117.9	2400/2800	L
2	BHI VOR	320002.4S	1412847.9E	255/---	104.7	2800/2800	L
ATS ROUTE W677 T/W							
2	GUPDA	152655.0S	1451114.2E	---/339			
2	MUNEL	142818.0S	1445512.0E	339/336	60.4	3500/6100	B
2	GODIP	120012.0S	1440742.0E	337/337	154.6	3500/3500	B
1	DUBSO	094500.0S	1432518.0E	338/338	140.9	2100/1600	B
4	ASIXA	090426.5S	1431244.8E	338/---	42.2	2100/2100	B
ATS ROUTE W681 T/W							
3	SUNAL	331428.3S	1375942.6E	---/167			
3	ACTIN	333013.3S	1380133.3E	167/---	15.8	2900/4600	L
ATS ROUTE W682 T/W							
2	MUDGI	323339.3S	1493537.3E	---/315			
5	DOORA	315424.0S	1490519.0E	316/316	46.9	3800/4100	L
3	ONUMA	305828.0S	1482248.9E	316/---	66.6	5800/4400	L
ATS ROUTE W683 T/W							
3	METUV	341340.0S	1481443.9E	---/121			
3	AVBEG	344942.2S	1490231.7E	120/---	53.4	4100/4100	L
ATS ROUTE W684 T/W							
2	IVL NDB	295304.9S	1510823.9E	---/182			
3	TW VOR	310357.9S	1504948.9E	181/---	72.5	5200/5200	L
ATS ROUTE W685 T/W							
4	TNK VOR	193805.1S	1341055.0E	---/091			
3	PANRO	194630.0S	1360006.0E	090/090	103.4	3100/3100	L
5	MEPAS	195453.3S	1380700.9E	088/115	119.9	3100/3100	L
3	MA VOR	203952.6S	1392908.3E	114/085	89.3	3200/3200	L
3	CCY NDB	203956.4S	1403003.8E	084/084	57.1	3400/3400	L
3	AVLUS	203954.1S	1414327.4E	083/085	68.8	2400/2400	L
3	AKINU	204151.7S	1430636.2E	085/090	78.0	2100/2100	L
3	HUG NDB	204914.2S	1441344.5E	089/080	63.3	2800/2800	L
2	TOGEN	204312.0S	1455318.0E	079/079	93.5	3600/4400	L
3	LINSU	203528.7S	1474706.4E	078/075	107.0	3600/3400	L
3	PN VOR	202948.8S	1483310.7E	074/061	43.6	4300/4300	L
3	OVRON	202104.2S	1485721.2E	061/---	24.3	3200/3200	L
ATS ROUTE W687 LIMITED SEG T/W							
1	WAREN	380100.0S	1451842.0E	---/302			
3	ML VOR	373936.5S	1445031.2E	302/---	30.9	3600/3600	L
ATS ROUTE W690 T/W							
1	MGD NDB	120345.9S	1341354.0E	---/293			
1	PUNOT	113902.0S	1332254.0E	293/296	55.7	1900/1900	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	ENPUD	110954.0S	1322902.0E	296/---	60.3	1900/1900	L
ATS ROUTE W693 T/W							
3	SUSGI	253541.9S	1514023.4E	---/297			
3	KANLU	244248.0S	1502312.0E	298/298	87.7	3700/4600	L
1	NUGRU	233611.0S	1484824.6E	299/---	109.2	4600/4600	L
ATS ROUTE W695 T/W							
3	BULKO	380912.0S	1460606.0E	---/075			
2	ESL NDB	380640.8S	1470934.4E	074/064	50.1	4400/4400	L
3	TYERS	375436.0S	1481054.0E	063/063	49.9	2600/2600	L
3	OTKED	373546.2S	1494306.0E	062/---	75.5	4500/4500	L
ATS ROUTE W696 T/W							
3	TEMIS	371222.8S	1455006.2E	---/014			
1	LUTVU	362517.5S	1461816.3E	014/---	52.2	4700/4700	L
ATS ROUTE W699 T/W							
1	HAAVI	251926.7S	1525259.0E	---/208			
1	SOSTU	253110.9S	1524235.8E	208/255	15.0	1700/1700	L
3	SUSGI	253541.9S	1514023.4E	256/---	56.4	3800/3800	L
ATS ROUTE W702 T/W							
3	NIXUG	312934.2S	1503125.6E	---/143			
3	LALIB	320205.1S	1504951.7E	142/133	36.1	5600/5600	L
3	OLTIN	323307.7S	1511527.0E	133/---	37.8	4200/4200	L
ATS ROUTE W703 T/W							
1	ISNOL	342312.4S	1485831.8E	---/322			
3	CWR NDB	335041.6S	1483911.7E	322/322	36.2	4200/4200	L
2	PKS VOR	330752.6S	1481414.3E	323/319	47.6	4000/4000	L
2	ENPAG	313308.0S	1471141.4E	321/314	108.4	3100/3100	L
3	BKE NDB	300236.5S	1455657.6E	315/---	110.9	2400/2400	L
ATS ROUTE W709 T/W							
1	ENKOG	273413.1S	1530057.7E	---/317			
1	WACKO	271117.3S	1524511.1E	318/318	26.8	3900/3900	L
1	SURPO	265508.2S	1523422.2E	318/318	18.8	3900/3900	L
3	SUSGI	253541.9S	1514023.4E	319/---	92.9	4300/4300	L
ATS ROUTE W713 T/W							
3	KADOM	334238.9S	1501758.6E	---/187			
3	AKMIR	341042.8S	1500624.3E	187/---	29.6	5600/5600	L
ATS ROUTE W717 T/W							
3	BTH NDB	332450.6S	1493925.2E	---/324			
3	ELONG	320406.0S	1485636.0E	325/325	88.3	4700/4700	L
3	REPOB	313408.5S	1484104.0E	325/325	32.7	3000/3000	L
3	ONUMA	305828.0S	1482248.9E	326/---	38.9	2600/2600	L
ATS ROUTE W720 T/W							
3	SWH NDB	352249.8S	1433225.1E	---/145			
3	TELIP	364434.0S	1441934.1E	144/132	90.1	2600/2600	L
1	ARBEY	371006.0S	1444354.0E	131/---	32.1	4100/4500	L
ATS ROUTE W723 T/W							
1	DOLVU	344225.1S	1383753.8E	---/332			
3	AVPAS	323134.6S	1374204.0E	333/---	138.7	4600/4000	L
ATS ROUTE W724 T/W							
3	NWA NDB	345704.4S	1503147.2E	---/269			
1	GLB NDB	344825.8S	1494413.8E	270/255	40.1	4300/4300	L
3	AVBEG	344942.2S	1490231.7E	256/---	34.4	4500/4500	L
ATS ROUTE W727 T/W							
3	SUSGI	253541.9S	1514023.4E	---/307			
3	RUROX	242938.9S	1503411.6E	308/305	89.2	3900/3900	L

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

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WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
5	BIMAV	232812.0S	1492542.0E	306/306	87.7	4600/4500	L
1	SABUR	224810.0S	1484218.0E	306/313	56.5	4600/2800	L
1	NIPOM	220344.9S	1480431.1E	314/---	56.4	3000/3100	L
ATS ROUTE W731 T/W							
3	KADOM	334238.9S	1501758.6E	---/303			
3	EMVOM	331728.4S	1494823.1E	304/303	35.3	5600/6000	L
4	DU NDB	321303.1S	1483332.7E	305/315	90.1	5600/6000	L
3	LLAMA	311736.0S	1475006.0E	316/315	66.6	2600/2600	L
1	OLVOR	295829.2S	1464842.3E	317/---	95.1	2300/2300	L
ATS ROUTE W741 T/W							
1	IBOBO	381714.5S	1422713.3E	---/323			
1	HML NDB	373857.4S	1420328.3E	324/---	42.6	2900/2900	L
ATS ROUTE W749 T/W							
2	IVL NDB	295304.9S	1510823.9E	---/021			
3	DULIN	273855.5S	1524324.6E	021/---	157.7	6400/6400	L
ATS ROUTE W755 T/W							
1	LIDLI	334614.0S	1493557.7E	---/236			
1	METUV	341340.0S	1481443.9E	237/240	72.9	5300/5300	L
4	VINOP	344207.1S	1463100.8E	241/---	90.3	3300/3800	L
ATS ROUTE W758 LIMITED SEG T/W							
2	KA VOR	204254.3S	1164626.2E	---/133			
3	HOOLI	215651.7S	1180743.9E	133/133	105.8	4500/4500	L
4	NWN VOR	232515.9S	1194810.9E	132/---	128.0	5500/5500	L
ATS ROUTE W760 T/W							
4	DU NDB	321303.1S	1483332.7E	---/038			
3	OLRON	305714.9S	1501453.7E	037/040	115.0	4700/4100	L
3	ALDAR	293548.0S	1521040.9E	039/035	129.0	6400/6400	L
3	IDNER	285228.5S	1530252.7E	035/341	62.9	5500/5500	L
3	HUUGO	280523.3S	1525529.2E	341/327	47.4	5200/5200	L
3	DULIN	273855.5S	1524324.6E	327/---	28.5	3600/3600	L
ATS ROUTE W762 T/W							
3	NATYA	345808.2S	1431357.5E	---/075			
3	TREST	345300.0S	1442518.0E	074/074	58.9	2100/2100	L
4	VINOP	344207.1S	1463100.8E	072/071	104.1	2200/2200	L
1	ISNOL	342312.4S	1485831.8E	069/066	123.3	4100/3800	L
1	VEVOS	341927.2S	1491918.8E	066/066	17.6	4900/4900	L
3	AKMIR	341042.8S	1500624.3E	065/---	40.0	5400/5400	L
ATS ROUTE W764 T/W							
3	GOMUL	273316.5S	1352629.5E	---/147			
3	NUSVA	285224.0S	1361236.0E	146/146	88.8	2800/2800	L
2	OMKEK	302712.7S	1370959.7E	145/167	107.0	2300/2800	L
3	WHA NDB	330329.2S	1373127.2E	166/---	157.0	2500/2500	L
ATS ROUTE W766 T/W							
2	EML NDB	233402.8S	1481015.8E	---/319			
3	LUKPU	224622.8S	1473729.8E	319/---	56.3	2600/2600	L
ATS ROUTE W768 T/W							
2	LHI NDB	313144.1S	1590422.6E	---/255			
2	RIBLU	313134.2S	1564330.1E	257/257	120.4	4500/4500	L
2	BENVO	313002.0S	1545916.7E	259/259	89.1	1500/1500	L
1	PMQ NDB	312608.4S	1525200.3E	260/233	108.9	1900/1900	L
3	SORTI	314915.5S	1515245.0E	234/---	55.6	5700/0	L
ATS ROUTE W775 T/W							
3	BOGES	365109.9S	1454418.5E	---/019			
1	COR NDB	355914.9S	1462125.9E	018/354	59.9	4100/4100	L
4	VINOP	344207.1S	1463100.8E	355/---	77.4	2200/2200	L

WAYPOINT				TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE W785 T/W							
2	MUDGI	323339.3S	1493537.3E	---/280			
4	DU NDB	321303.1S	1483332.7E	281/274	56.4	4300/4300	L
3	IRVIT	315206.0S	1470548.0E	276/276	77.5	2600/2600	L
3	CBA NDB	313224.5S	1454755.0E	277/260	69.3	3100/2900	L
1	IDNUT	313134.6S	1432229.3E	262/244	124.3	2600/2600	L
2	BHI VOR	320002.4S	1412847.9E	246/---	101.0	2700/2700	L
ATS ROUTE W786 T/W							
3	GOMOL	281008.2S	1533014.7E	---/208			
3	ALDAR	293548.0S	1521040.9E	208/196	110.4	5500/5500	L
4	ARM NDB	303138.3S	1513654.1E	196/180	62.9	6300/6300	L
3	SANAD	312311.0S	1512444.6E	180/183	52.5	5900/5900	L
1	EKIBI	320021.6S	1511302.4E	183/165	38.4	5900/5900	L
3	OLTIN	323307.7S	1511527.0E	164/---	32.8	6000/6000	L
ATS ROUTE W791 T/W							
4	DUBUS	360854.5S	1475142.8E	---/235			
3	BOGES	365109.9S	1454418.5E	237/---	111.0	8700/8700	L
ATS ROUTE W793 T/W							
3	MA VOR	203952.6S	1392908.3E	---/021			
5	SHINN	191042.0S	1401718.0E	021/021	99.8	3200/3200	L
2	NTN NDB	174144.7S	1410422.9E	021/074	99.3	2100/2100	L
2	FASIE	171952.3S	1431052.0E	073/073	122.8	2300/2400	L
5	BOBEB	170642.0S	1442324.0E	073/073	70.7	4800/3900	L
3	NONUM	165500.7S	1452442.7E	072/---	59.9	5100/4800	L
ATS ROUTE W795 T/W							
3	VALDU	370827.9S	1473307.8E	---/324			
3	AY VOR	360404.8S	1465757.9E	325/---	70.3	8000/8000	L
ATS ROUTE W797 T/W							
1	EKIBI	320021.6S	1511302.4E	---/204			
1	ISREV	322822.4S	1504857.3E	204/---	34.6	5800/5800	L
ATS ROUTE W798 T/W							
2	KA VOR	204254.3S	1164626.2E	---/262			
1	BAROW	205150.2S	1152441.4E	263/---	77.1	1900/1900	L
ATS ROUTE W799 T/W							
1	SPARK	285415.4S	1534041.8E	---/347			
1	ENAID	272256.5S	1533732.3E	347/261	91.1	0/0	L
3	BN VOR	272157.9S	1530821.2E	261/---	26.0	0/0	L
ATS ROUTE W801 T/W							
1	VIRUR	332259.3S	1490727.8E	---/123			
1	MEEGA	334358.1S	1493310.1E	122/122	30.0	5900/5900	L
1	TOROB	335347.1S	1494518.3E	122/122	14.1	5900/5900	L
3	AKMIR	341042.8S	1500624.3E	122/---	24.4	5900/5900	L
ATS ROUTE W806 T/W							
2	OOM NDB	280615.6S	1401156.9E	---/082			
5	MIBUP	280430.0S	1413218.0E	081/081	71.1	2100/2300	L
5	KIDEX	275935.7S	1434853.8E	079/046	121.0	3100/2200	L
5	LEPTA	270412.0S	1451542.0E	046/045	94.9	2700/2500	L
3	CV NDB	262512.1S	1461456.4E	045/023	65.8	2700/2600	L
5	AKEVU	243836.0S	1472724.0E	023/023	124.9	5400/4900	L
2	EML NDB	233402.8S	1481015.8E	023/358	75.4	5400/4900	L
3	PN VOR	202948.8S	1483310.7E	358/---	184.8	5500/5500	L
ATS ROUTE W809 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/259			
3	MOZZA	380454.0S	1460554.0E	260/---	50.3	6600/6600	L
ATS ROUTE W811 T/W							

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 5

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
5	ANBAN	311948.1S	1491614.4E	---/311			
2	AGETA	300143.1S	1480742.3E	313/---	97.8	5200/5200	L
ATS ROUTE W812 T/W							
2	LHI NDB	313144.1S	1590422.6E	---/268			
2	POSUM	310553.3S	1564700.5E	270/270	120.5	4500/4500	L
2	BILBY	304230.5S	1545234.0E	271/271	101.2	1500/1500	L
2	CFS VOR	301910.2S	1530715.2E	273/---	93.9	2900/2900	L
ATS ROUTE W817 T/W							
3	AY VOR	360404.8S	1465757.9E	---/043			
1	MUSOP	353106.0S	1475412.0E	042/042	56.4	6300/6000	L
3	AVBEG	344942.2S	1490231.7E	041/042	69.6	6300/6000	L
1	KEDDY	343433.5S	1492734.0E	041/041	25.6	4900/4900	L
3	AKMIR	341042.8S	1500624.3E	041/033	40.0	5100/5100	L
1	DARGI	335518.0S	1502512.0E	033/---	21.9	5200/5200	L
ATS ROUTE W821 T/W							
3	TW VOR	310357.9S	1504948.9E	---/091			
1	PMQ NDB	312608.4S	1525200.3E	089/---	107.1	6200/6200	L
ATS ROUTE W822 T/W							
4	DU NDB	321303.1S	1483332.7E	---/343			
2	HILAR	313842.8S	1482909.5E	343/341	34.5	2600/2600	L
3	ONUMA	305828.0S	1482248.9E	342/336	40.5	2600/2600	L
2	AGETA	300143.1S	1480742.3E	337/337	58.1	2000/2000	L
1	BITUL	292732.3S	1475906.2E	338/---	34.9	2000/2000	L
ATS ROUTE W824 T/W							
3	OLTIN	323307.7S	1511527.0E	---/046			
2	UGPOT	315322.2S	1523034.1E	045/---	75.1	4900/4900	L
ATS ROUTE W830 T/W							
2	CMU NDB	280205.2S	1453725.5E	---/010			
3	CV NDB	262512.1S	1461456.4E	010/---	102.2	2600/2600	L
ATS ROUTE W831 T/W							
1	BIKEP	270919.1S	1511602.3E	---/110			
3	OK VOR	272358.8S	1514416.3E	109/122	29.1	3300/3300	L
1	BIVAT	273231.4S	1515443.1E	122/---	12.6	5100/4000	L
ATS ROUTE W834 T/W							
2	NUNPA	400544.3S	1480053.4E	---/228			
2	WYY NDB	405952.7S	1454229.6E	230/182	118.6	3100/3100	L
5	GOMOM	420910.2S	1451741.4E	182/---	71.7	5600/5600	L
ATS ROUTE W836 T/W							
1	ISNOL	342312.4S	1485831.8E	---/260			
3	BORLI	341458.0S	1460355.3E	263/---	144.9	3800/3900	L
ATS ROUTE W839 T/W							
1	PH VOR	315642.2S	1155733.2E	---/012			
1	PEA NDB	313915.8S	1160108.1E	011/327	17.7	2300/2300	L
1	GIG NDB	312735.0S	1155156.0E	328/---	14.1	2300/2300	L
ATS ROUTE W841 T/W							
3	TL VOR	191439.1S	1464529.1E	---/279			
5	DOTTE	184154.0S	1445242.0E	280/281	111.8	4900/4900	L
3	ISMUN	181739.9S	1433256.6E	281/277	79.5	4800/4700	L
2	NTN NDB	174144.7S	1410422.9E	279/---	146.0	2800/4100	L
ATS ROUTE W843 T/W							
1	DBY NDB	172124.6S	1234001.1E	---/037			
3	TWIST	154406.0S	1250206.0E	037/037	124.9	3700/3700	L
1	DUDIM	140522.9S	1262311.7E	036/068	125.8	3700/3700	L
1	MILEM	132938.4S	1280204.4E	067/067	102.6	2000/2800	L
3	IKASO	132607.5S	1281140.5E	067/067	10.0	1500/2200	L
3	GUSNU	125410.8S	1293758.3E	067/067	90.0	1900/1500	L
2	DN VOR	122523.8S	1305423.3E	066/---	80.0	1900/1600	L
ATS ROUTE W847 T/W							
2	ESL NDB	380640.8S	1470934.4E	---/005			
3	VALDU	370827.9S	1473307.8E	005/002	61.1	6500/6500	L
4	DUBUS	360854.5S	1475142.8E	002/330	61.3	7200/7200	L
3	WG VOR	350956.7S	1472808.7E	330/---	61.9	5600/7100	L
ATS ROUTE W849 T/W							
2	DN VOR	122523.8S	1305423.3E	---/049			
1	BEDUG	113453.2S	1315752.1E	048/048	80.0	2100/2100	L
1	ENPUD	110954.0S	1322902.0E	048/---	39.4	2100/2100	L
ATS ROUTE W853 T/W							
2	DN VOR	122523.8S	1305423.3E	---/070			
1	ACKER	120116.1S	1321218.2E	070/070	80.0	2300/2300	L
1	PUNOT	113902.0S	1332254.0E	069/---	72.7	2300/2300	L
ATS ROUTE W859 T/W							
3	BOGES	365109.9S	1454418.5E	---/090			
3	VALDU	370827.9S	1473307.8E	088/093	88.9	7800/7600	L
3	OTKED	373546.2S	1494306.0E	091/---	107.1	7800/8000	L
ATS ROUTE W865 T/W							
2	EGUMI	153035.2S	1280905.4E	---/307			
1	DADPI	141722.1S	1263758.3E	308/---	114.5	2900/2900	L
ATS ROUTE W879 T/W							
3	MA VOR	203952.6S	1392908.3E	---/333			
3	KAKTU	184514.0S	1384211.0E	334/007	122.5	3100/3100	L
1	VESOP	163933.0S	1391013.4E	007/---	128.0	2400/2400	L
ATS ROUTE W883 T/W							
2	CMU NDB	280205.2S	1453725.5E	---/262			
5	KIDEX	275935.7S	1434853.8E	264/218	96.1	2300/2300	L
3	EVOKE	284300.9S	1425658.5E	219/219	63.0	2300/2100	L
3	IDKEG	292646.9S	1420329.3E	219/---	64.0	2300/2100	L
ATS ROUTE W889 T/W							
3	RK VOR	232258.1S	1502817.5E	---/322			
5	VANVA	222130.0S	1495154.0E	323/323	69.9	4200/4200	L
3	MK VOR	211022.8S	1491114.0E	324/---	80.3	3200/3200	L
ATS ROUTE W890 T/W							
3	MOG NDB	280350.8S	1175037.4E	---/006			
1	OSUMA	272648.4S	1175507.1E	006/033	37.2	3300/3300	L
2	MEK VOR	263625.3S	1183157.0E	032/---	60.1	3200/3200	L
ATS ROUTE W894 T/W							
4	VINOP	344207.1S	1463100.8E	---/309			
3	BORLI	341458.0S	1460355.3E	310/---	35.2	2400/2400	L
ATS ROUTE Y10 O/W							
1	OTLED	304952.0S	1154203.0E	---/011			
2	ESDEG	291231.7S	1160124.9E	010/---	98.5	0/0	B
ATS ROUTE Y12 O/W							
3	BENDO	351436.2S	1393036.5E	---/106			
2	RELEP	361000.4S	1420507.0E	103/103	137.5	0/0	H
3	LULTO	362556.9S	1425205.2E	102/102	41.2	0/0	H
1	APPLE	365539.1S	1442310.8E	101/120	79.0	0/0	H
1	ARBEY	371006.0S	1444354.0E	120/---	22.0	0/0	H
ATS ROUTE Y13 O/W							
1	MANIG	305116.1S	1170955.9E	---/028			
1	COPDI	293319.7S	1175629.5E	027/027	87.6	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	WAGOO	280853.5S	1184525.5E	026/026	94.5	0/0	H
2	EZDON	250000.0S	1202953.7E	025/025	210.3	0/0	H
5	VALRA	214241.4S	1221248.0E	024/---	218.3	0/0	H
ATS ROUTE Y15 O/W							
1	PH VOR	315642.2S	1155733.2E	---/357			
1	AVNEX	304844.7S	1155137.6E	357/006	68.0	2400/0	B
2	ESDEG	291231.7S	1160124.9E	006/004	96.4	0/0	B
2	OSTOL	274208.4S	1160735.2E	004/004	90.3	0/0	B
2	IDRIM	234935.0S	1162243.7E	003/001	232.3	0/0	B
1	GUGRA	212336.0S	1162542.0E	000/---	145.5	0/0	B
ATS ROUTE Y18 O/W							
1	MANIG	305116.1S	1170955.9E	---/042			
2	BIMBY	294650.6S	1181427.1E	041/041	85.1	0/0	H
2	SUGAB	284629.0S	1191312.2E	040/---	79.1	0/0	H
ATS ROUTE Y20 O/W							
1	DARGI	335518.0S	1502512.0E	---/079			
3	ANPEN	335521.4S	1502916.4E	079/079	3.4	4500/0	L
3	GOMUB	335530.5S	1504117.2E	078/078	10.0	3700/0	L
3	NOLEM	335533.6S	1504545.0E	078/078	3.7	2300/0	L
1	BK NDB	335542.0S	1505918.6E	078/---	11.3	2000/0	L
ATS ROUTE Y21 O/W							
1	CORRS	375532.0S	1453649.8E	---/109			
4	DADAD	400842.8S	1503506.2E	103/---	267.7	0/0	H
ATS ROUTE Y24 O/W							
2	MASMI	294020.3S	1514141.9E	---/354			
3	LAREG	283133.0S	1514922.0E	355/338	68.9	0/0	L
2	UDERI	274113.9S	1513807.0E	338/037	51.2	0/0	L
3	EMSOD	273332.0S	1514738.0E	037/070	11.4	0/0	L
1	BIVAT	273231.4S	1515443.1E	070/---	6.4	0/0	L
ATS ROUTE Y25 O/W							
2	DN VOR	122523.8S	1305423.3E	---/100			
1	RUPEG	124257.0S	1321346.0E	100/166	79.6	0/0	H
2	ADKIV	140154.8S	1322940.4E	166/166	80.1	0/0	H
2	OPEKO	144242.7S	1323757.8E	166/166	41.4	0/0	H
2	BEBUX	145547.9S	1324038.1E	166/163	13.3	0/0	H
2	DOSAM	165410.3S	1331200.3E	162/---	121.7	0/0	H
ATS ROUTE Y27 O/W							
1	UPROT	343406.0S	1391830.0E	---/061			
2	UBDIB	341403.1S	1402059.7E	060/060	55.4	0/0	H
2	IGIPA	334438.1S	1414900.3E	059/043	78.9	0/0	H
2	ISGEL	312242.3S	1452007.1E	041/041	227.8	0/0	H
2	VERAV	295939.4S	1471508.9E	040/054	129.2	0/0	H
1	IGDIT	292521.6S	1483501.0E	053/079	77.5	0/0	H
1	GOPVO	292448.7S	1492646.2E	079/079	45.2	0/0	H
1	AVBOS	292415.2S	1500137.2E	078/078	30.4	0/0	H
1	EMTID	292345.9S	1502619.8E	078/050	21.6	0/0	H
2	SUKTU	290506.8S	1510446.3E	050/050	38.4	0/0	H
2	EDPEG	284953.0S	1513542.7E	050/034	31.1	0/0	H
2	ENLIP	275701.5S	1523450.9E	033/029	74.2	0/0	H
2	BN VOR	272157.9S	1530821.2E	029/---	45.9	0/0	H
ATS ROUTE Y31 O/W							
1	PH VOR	315642.2S	1155733.2E	---/074			
1	AMANA	314527.8S	1163743.0E	073/048	36.0	0/0	H
1	LAKIR	313318.6S	1165242.3E	048/021	17.6	0/0	H
1	MANIG	305116.1S	1170955.9E	020/023	44.5	0/0	H
3	LAKMO	294914.8S	1173818.2E	022/022	66.6	0/0	H
2	ANKEL	275901.1S	1182712.5E	021/021	118.0	0/0	H
3	MURCH	264539.1S	1185846.1E	020/020	78.4	0/0	H
3	WONYU	245529.6S	1194449.0E	019/019	117.4	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
1	COOBI	233517.3S	1201725.4E	019/021	85.3	0/0	H
2	DAMPU	212217.2S	1211607.6E	021/021	143.3	0/0	H
2	ASEBU	200750.4S	1214903.4E	021/021	80.3	0/0	B
1	KAPNI	185645.3S	1221958.3E	021/353	76.6	0/0	B
4	BRM NDB	175646.7S	1221407.1E	353/---	60.0	0/0	B
ATS ROUTE Y32 O/W							
3	ELDEK	203258.8S	1491429.9E	---/139			
1	EGUGO	235053.5S	1513255.9E	137/137	235.4	0/0	H
3	REBEG	255829.4S	1530646.0E	135/---	153.2	0/0	H
ATS ROUTE Y33 O/W							
3	MATAR	220618.5S	1461849.5E	---/173			
2	MIMIB	274515.3S	1461218.8E	172/172	337.9	0/0	H
4	SAPNO	290000.0S	1461047.3E	172/172	74.6	0/0	H
3	BORLI	341458.0S	1460355.3E	170/---	314.3	0/0	H
ATS ROUTE Y34 O/W							
3	HUG NDB	204914.2S	1441344.5E	---/067			
2	DAVEY	202432.6S	1454458.8E	066/067	89.1	4700/0	L
3	EFFEY	200921.3S	1464030.8E	066/065	54.4	4700/0	L
1	BATIR	200646.6S	1464919.0E	065/---	8.7	3200/0	L
ATS ROUTE Y36 O/W							
1	MANIG	305116.1S	1170955.9E	---/047			
3	ENGUD	295934.1S	1181233.6E	046/046	74.8	0/0	H
2	YEEDI	285207.4S	1193147.7E	045/045	96.5	0/0	H
3	LST NDB	275026.3S	1204201.0E	044/033	87.3	0/0	H
4	AGREK	270120.1S	1211921.5E	033/033	59.2	0/0	H
2	BIDAP	242404.6S	1231444.3E	031/---	188.2	0/0	H
ATS ROUTE Y37 O/W							
1	RUGBO	292049.1S	1165656.0E	---/002			
1	ENVOS	284555.0S	1165817.0E	002/---	34.8	0/0	L
ATS ROUTE Y38 O/W							
3	AKDAV	330146.5S	1361212.9E	---/138			
1	ATNAR	344402.4S	1373902.7E	137/---	125.1	3800/0	H
ATS ROUTE Y39 O/W							
3	DADRU	344954.7S	1360000.0E	---/079			
1	ATNAR	344402.4S	1373902.7E	078/---	81.8	3800/0	H
ATS ROUTE Y41 O/W							
1	NINEK	304053.3S	1165428.4E	---/002			
1	RUGBO	292049.1S	1165656.0E	002/300	79.9	0/0	L
1	IKEVA	291257.0S	1164112.0E	300/---	15.8	0/0	L
ATS ROUTE Y43 O/W							
1	MATLA	324517.6S	1513154.7E	---/012			
3	BANDA	304759.3S	1523423.4E	012/010	128.6	0/0	H
3	BERNI	285018.1S	1532754.8E	010/010	126.3	0/0	H
1	ROONY	283132.6S	1533614.4E	010/356	20.1	0/0	H
1	GREAV	281900.1S	1533811.0E	356/344	12.6	0/0	H
1	KERRI	280910.6S	1533718.0E	344/250	9.8	0/0	H
3	GOMOL	281008.2S	1533014.7E	250/---	6.3	0/0	H
ATS ROUTE Y44 O/W							
2	ESDEG	291231.7S	1160124.9E	---/015			
2	KAYOK	274430.5S	1162601.0E	014/014	90.4	0/0	B
3	IGASO	263818.5S	1164404.4E	014/014	67.9	0/0	B
2	PEXOR	242721.9S	1171845.7E	013/013	134.3	0/0	B
3	BUTON	212448.0S	1180506.0E	012/025	186.9	0/0	B
2	PD VOR	202242.5S	1183721.8E	025/---	68.8	0/0	B
ATS ROUTE Y46 O/W							
2	IGIPA	334438.1S	1414900.3E	---/059			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	ALASU	330000.0S	1440000.0E	058/049	118.4	0/0	H
2	GUMAP	305201.8S	1475353.7E	046/046	236.5	0/0	H
1	AVGEK	294350.9S	1494932.6E	045/045	121.0	0/0	H
2	RACHL	293209.3S	1500850.2E	044/051	20.5	0/0	H
1	EMTID	292345.9S	1502619.8E	050/---	17.4	0/0	H
ATS ROUTE Y52 O/W							
4	APOMA	295352.7S	1424053.5E	---/121			
1	VELGI	332151.4S	1475539.5E	115/---	339.4	0/0	H
ATS ROUTE Y53 O/W							
1	BURGU	325811.5S	1183919.7E	---/114			
1	MEMUP	334511.6S	1205230.2E	112/112	121.0	0/0	H
2	VIMUS	350406.0S	1250000.0E	108/105	219.4	0/0	H
2	RIDLE	354518.0S	1280000.0E	102/102	152.8	0/0	H
2	ROMPA	362700.0S	1313000.0E	098/098	175.2	0/0	H
2	RUFLE	370154.0S	1350000.0E	094/094	172.3	0/0	H
1	BUNGY	372906.0S	1381948.0E	090/090	161.8	0/0	H
3	MTG VOR	374505.0S	1404707.0E	087/083	118.1	0/0	H
2	TYNDI	374816.9S	1421855.9E	082/082	72.9	2600/0	B
1	WENDY	375024.0S	1435842.0E	080/---	79.1	3000/0	B
ATS ROUTE Y54 O/W							
2	UBDIB	341403.1S	1402059.7E	---/067			
1	VENEL	332824.4S	1434624.5E	064/060	177.0	0/0	H
2	ISNUG	324119.4S	1461446.2E	058/070	133.2	0/0	H
2	TROFE	321608.6S	1490255.6E	068/058	144.4	0/0	H
1	OVSIV	315906.4S	1495354.9E	057/037	46.5	0/0	H
1	URKER	313647.5S	1502300.4E	036/030	33.3	0/0	H
1	OLRIP	302354.4S	1513820.9E	030/035	97.4	0/0	H
3	BERNI	285018.1S	1532754.8E	034/---	133.6	0/0	H
ATS ROUTE Y59 O/W							
1	DOSEL	370954.4S	1452343.1E	---/043			
3	EBONY	361056.5S	1470414.3E	042/042	100.0	0/0	H
1	ARRAN	355015.2S	1473821.8E	041/041	34.5	0/0	H
1	NONUP	352550.1S	1481755.8E	041/041	40.4	0/0	H
1	CULIN	344424.0S	1492324.0E	040/050	67.8	0/0	H
1	TARAL	343006.6S	1495600.5E	050/050	30.5	0/0	H
1	RIVET	341650.7S	1502549.1E	049/049	28.0	0/0	H
3	TESAT	335637.7S	1511057.3E	049/---	42.6	0/0	H
ATS ROUTE Y60 O/W							
2	ESDEG	291231.7S	1160124.9E	---/025			
2	PALTI	275109.0S	1164212.6E	024/024	88.8	0/0	H
3	ISDOR	260754.0S	1173223.4E	023/019	112.3	0/0	H
2	TUSVA	243219.3S	1180819.8E	018/018	100.7	0/0	H
1	GUVNA	230200.1S	1184124.8E	017/---	95.0	0/0	H
ATS ROUTE Y61 O/W							
1	MUNAR	212948.9S	1491701.8E	---/150			
3	RUROX	242938.9S	1503411.6E	149/---	192.8	0/0	H
ATS ROUTE Y62 O/W							
2	ANROM	294733.6S	1470618.9E	---/065			
1	IGDIT	292521.6S	1483501.0E	063/---	80.4	0/0	H
ATS ROUTE Y66 O/W							
1	CORRS	375532.0S	1453649.8E	---/099			
4	GIVID	391412.4S	1502737.4E	093/---	241.2	0/0	H
ATS ROUTE Y67 O/W							
1	BOSLI	311607.6S	1173140.6E	---/065			
3	YAHMO	304300.6S	1185149.3E	064/087	76.4	0/0	H
1	DOBGU	303649.0S	1205431.9E	085/110	106.0	0/0	H
3	KG VOR	304723.4S	1212710.0E	110/---	30.0	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Y69 O/W							
1	LAKIR	313318.6S	1165242.3E	---/064			
1	BOSLI	311607.6S	1173140.6E	063/054	37.5	0/0	H
3	YOKRA	300447.1S	1191933.6E	052/056	117.1	0/0	H
2	LEO NDB	285243.9S	1211913.0E	054/066	126.8	0/0	H
4	SKIPA	265423.5S	1262207.1E	062/062	293.2	0/0	H
3	MARIT	260050.3S	1282734.7E	061/061	124.6	0/0	H
3	UPRUN	252759.7S	1294135.3E	060/060	74.4	0/0	H
1	RURAP	244145.6S	1312224.0E	059/059	102.5	0/0	H
3	VIPAR	240045.7S	1324848.5E	058/---	88.9	0/0	H
ATS ROUTE Y70 O/W							
2	ATNAT	335409.5S	1543011.6E	---/005			
2	NUBNI	330653.0S	1544940.0E	005/005	49.9	0/0	H
2	DUDEP	323455.9S	1550237.1E	005/004	33.7	0/0	H
2	BISAB	320757.7S	1551238.2E	004/---	28.2	0/0	H
ATS ROUTE Y71 O/W							
2	VAGPO	310000.0S	1424844.5E	---/111			
1	VELGI	332151.4S	1475539.5E	106/---	296.4	0/0	H
ATS ROUTE Y76 O/W							
1	SCOTT	275206.0S	1534800.0E	---/122			
4	SIFRA	294804.9S	1561224.6E	119/---	171.7	0/0	H
ATS ROUTE Y77 O/W							
2	GEL VOR	284725.2S	1144222.0E	---/003			
1	MORID	260124.9S	1144908.7E	002/002	165.7	0/0	B
1	SAGNO	215832.4S	1145830.8E	001/---	242.2	0/0	B
ATS ROUTE Y79 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/066			
3	KANKO	262823.3S	1490433.2E	066/092	16.4	0/0	B
2	BEPNA	264325.7S	1502557.5E	091/095	74.5	0/0	B
3	IRMOX	264610.0S	1503701.0E	095/097	10.3	0/0	B
3	OPIPO	265944.7S	1512803.8E	096/096	47.6	0/0	B
1	NODOR	270850.0S	1520254.0E	095/095	32.4	0/0	B
1	WOODY	271416.9S	1522416.9E	095/090	19.8	0/0	B
3	BN VOR	272157.9S	1530821.2E	090/---	40.0	0/0	B
ATS ROUTE Y80 O/W							
2	LAKOT	213024.1S	1453422.2E	---/033			
1	BATIR	200646.6S	1464919.0E	032/007	109.0	0/0	H
2	VOMPA	194825.3S	1465418.1E	007/---	18.9	0/0	B
ATS ROUTE Y81 O/W							
1	CORRS	375532.0S	1453649.8E	---/084			
4	GEMAC	381325.8S	1501930.5E	079/---	223.9	0/0	H
ATS ROUTE Y83 O/W							
2	BEBUX	145547.9S	1324038.1E	---/175			
2	GREGA	170020.2S	1324528.0E	174/---	124.1	0/0	H
ATS ROUTE Y84 O/W							
3	TESAT	335637.7S	1511057.3E	---/115			
3	OPTIC	342404.1S	1515319.8E	115/117	44.6	0/0	H
4	TONIM	360153.7S	1542045.9E	114/---	155.3	0/0	H
ATS ROUTE Y85 O/W							
2	KILIK	111012.9S	1264812.1E	---/091			
2	PAGMI	111435.0S	1283921.0E	090/---	109.3	0/0	H
ATS ROUTE Y87 O/W							
1	MEMUP	334511.6S	1205230.2E	---/128			
4	TAPAX	361818.0S	1250000.0E	124/---	254.3	0/0	H

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Y88 O/W							
3	GUMKI	271113.0S	1535133.0E	---/043			
3	HARVS	254259.9S	1560400.5E	042/---	147.9	0/0	B
ATS ROUTE Y89 O/W							
2	KELPI	223410.2S	1513511.6E	---/172			
1	BESBO	254440.1S	1512929.5E	171/---	190.0	0/0	H
ATS ROUTE Y91 O/W							
2	IDOTO	113106.0S	1263848.4E	---/080			
2	PAGMI	111435.0S	1283921.0E	080/100	119.5	0/0	H
2	ANUPA	113051.6S	1295424.7E	100/---	75.5	0/0	H
ATS ROUTE Y93 O/W							
1	VIPAR	240045.7S	1324848.5E	---/061			
1	LISZT	233958.3S	1333834.7E	061/116	50.1	0/0	B
2	AS VOR	234734.4S	1335241.6E	116/---	15.0	0/0	B
ATS ROUTE Y94 O/W							
2	LEC NDB	303555.4S	1382632.1E	---/073			
3	MEMOV	301151.1S	1405758.8E	071/071	133.2	0/0	B
4	APOMA	295352.7S	1424053.5E	070/070	91.1	0/0	B
5	IDODA	292646.4S	1450214.8E	068/068	126.1	0/0	B
4	AROLI	290702.8S	1463702.6E	067/067	85.2	0/0	B
2	GUSNI	281223.4S	1503316.7E	064/064	214.8	0/0	B
2	PARRY	274446.3S	1522119.9E	063/---	99.6	0/0	B
ATS ROUTE Y95 O/W							
1	ADKUL	092436.9S	1295619.5E	---/179			
2	ANUPA	113051.6S	1295424.7E	179/---	125.7	0/0	H
ATS ROUTE Y97 O/W							
2	KA VOR	204254.3S	1164626.2E	---/169			
3	MUNNI	211233.8S	1165157.9E	169/---	30.0	0/0	B
ATS ROUTE Y98 O/W							
3	GUMKI	271113.0S	1535133.0E	---/098			
3	BONEY	274830.0S	1555430.0E	096/---	115.5	0/0	B
ATS ROUTE Y105 O/W							
4	VEPAP	290000.0S	1443541.9E	---/139			
1	VELGI	332151.4S	1475539.5E	135/121	312.5	0/0	H
1	MAKKA	342551.1S	1492005.5E	120/086	95.0	0/0	H
1	TARAL	343006.6S	1495600.5E	086/---	30.0	5900/0	H
ATS ROUTE Y108 O/W							
1	APPLE	365539.1S	1442310.8E	---/096			
4	GEMAC	381325.8S	1501930.5E	089/---	293.7	0/0	H
ATS ROUTE Y135 O/W							
1	BURGU	325811.5S	1183919.7E	---/093			
2	HECTO	330018.0S	1203054.0E	091/100	93.9	0/0	H
1	STILE	331154.0S	1215036.0E	099/101	67.9	0/0	H
2	AKRUN	334236.0S	1250000.0E	098/098	161.4	0/0	H
2	MOSLA	340700.0S	1280000.0E	095/095	151.8	0/0	H
2	NUSKU	342942.0S	1313000.0E	092/092	175.4	0/0	H
2	TUTNO	344618.0S	1350000.0E	088/088	174.1	0/0	H
3	DADRU	344954.7S	1360000.0E	087/087	49.5	0/0	H
3	TEDUS	345441.5S	1373648.2E	085/---	79.8	0/0	H
ATS ROUTE Y139 O/W							
2	MIGAX	160143.5S	1342644.9E	---/128			
2	LEMUD	184141.4S	1373416.4E	126/126	239.9	0/0	H
2	OKVAR	212219.0S	1405241.6E	124/124	246.0	0/0	H
2	OSANO	222747.7S	1421705.1E	123/123	102.1	0/0	H
2	IGNIX	241847.5S	1444536.7E	121/---	175.8	0/0	H

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Y153 O/W							
1	AKROM	182113.7S	1464801.0E	---/159			
3	JEMMA	194910.6S	1471130.4E	158/158	90.4	0/0	H
2	GOBAR	224504.7S	1475953.6E	157/157	181.0	0/0	H
2	KANKO	262823.3S	1490433.2E	155/153	230.3	0/0	H
3	ROKUU	281103.3S	1494007.6E	152/---	107.2	0/0	H
ATS ROUTE Y161 O/W							
2	SURVO	152149.9S	1364006.5E	---/137			
2	NOMEL	204523.5S	1412328.4E	133/133	420.3	0/0	H
2	NUMRI	221410.1S	1424549.3E	132/132	117.1	0/0	H
2	IGNIX	241847.5S	1444536.7E	130/127	166.1	0/0	H
3	MEYJI	252034.7S	1455336.8E	126/126	87.3	0/0	H
2	UBGAN	272011.7S	1481027.1E	124/143	171.3	0/0	H
2	SGE NDB	280249.8S	1483549.8E	142/131	48.1	0/0	H
2	OTLAM	285452.5S	1492405.8E	130/130	67.1	0/0	H
1	OVNOM	293912.8S	1500604.6E	129/---	57.5	0/0	H
ATS ROUTE Y166 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/069			
3	IDLEG	260848.3S	1505451.4E	068/---	117.4	0/0	B
ATS ROUTE Y173 O/W							
2	GULOP	154912.4S	1415522.4E	---/148			
3	BEPKU	174607.5S	1425549.5E	147/147	130.1	0/0	H
3	DOLIB	203326.8S	1442501.0E	146/147	186.8	0/0	H
2	DABMI	214340.3S	1450205.8E	146/146	78.1	0/0	H
3	PUDUR	242355.0S	1462922.1E	145/145	178.8	0/0	H
2	ELRUG	255523.4S	1472103.3E	144/144	102.5	0/0	H
2	UBGAN	272011.7S	1481027.1E	143/---	95.4	0/0	H
ATS ROUTE Y177 O/W							
3	CS VOR	165100.1S	1454438.0E	---/140			
1	BODAP	173240.7S	1461345.0E	139/139	50.0	0/0	H
1	AKROM	182113.7S	1464801.0E	139/144	58.4	0/0	H
1	WALTA	194126.2S	1473526.3E	143/143	91.7	0/0	H
1	COCKA	230230.7S	1493829.5E	141/141	230.9	0/0	H
1	ROX	242938.9S	1503411.6E	140/137	100.8	0/0	H
1	BESBO	254440.1S	1512929.5E	136/128	90.1	0/0	H
1	LAMUG	263802.0S	1522256.0E	127/127	71.7	0/0	H
1	SMOKA	265232.7S	1523755.8E	126/127	19.7	0/0	H
1	DAYBO	270715.3S	1525305.6E	126/126	20.0	0/0	H
1	BN VOR	272157.9S	1530821.2E	126/106	20.0	0/0	H
1	DUNNI	272849.0S	1532321.5E	106/132	15.0	0/0	H
1	IDRIL	274152.3S	1533424.7E	132/176	16.3	0/0	H
1	GOMOL	281008.2S	1533014.7E	176/---	28.4	0/0	H
ATS ROUTE Y193 O/W							
1	OLSEM	333852.0S	1513618.5E	---/021			
1	ISMUM	332940.3S	1514331.9E	021/003	11.0	0/0	H
1	EMVUG	332218.3S	1514555.1E	003/003	7.6	0/0	H
3	BANDA	304759.3S	1523423.4E	003/012	159.4	0/0	H
2	BNA NDB	285004.2S	1533344.6E	012/---	128.5	0/0	H
ATS ROUTE Y195 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/099			
3	OK VOR	272358.8S	1514416.3E	097/097	166.5	0/0	B
1	AGIVA	272713.2S	1515559.9E	096/117	10.9	0/0	B
3	PARRY	274446.3S	1522119.9E	117/063	28.5	0/0	B
3	ELENI	274233.3S	1522944.2E	063/063	7.8	0/0	B
3	DULIN	273855.5S	1524324.6E	062/063	12.7	0/0	B
1	GLENN	273430.0S	1530112.0E	063/016	16.4	0/0	B
1	BN VOR	272157.9S	1530821.2E	016/---	14.0	0/0	B
ATS ROUTE Y207 O/W							
2	LM VOR	221405.4S	1140538.9E	---/165			

Chart Depiction. The following waypoint numbering is indicative of the presentation on Charts

1 ■ 2 ▲ 3 △ 4 ◭ 5 ◭

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	KADLU	245321.1S	1145149.9E	165/165	164.3	0/0	B
2	BORVI	272248.1S	1153704.7E	165/---	154.5	0/0	B
ATS ROUTE Y208 O/W							
1	VENGA	212246.0S	1151259.9E	---/176			
1	PANBA	215824.0S	1151517.0E	176/176	35.6	0/0	B
2	VESIM	233409.0S	1152131.4E	176/176	95.6	0/0	B
2	BORVI	272248.1S	1153704.7E	177/---	228.4	0/0	B
ATS ROUTE Y218 O/W							
3	BENDO	351436.2S	1393036.5E	---/121			
1	LOLLS	361404.3S	1410000.0E	119/148	93.9	0/0	H
1	GRACY	372050.2S	1413443.3E	147/118	72.3	0/0	H
2	TYNDI	374816.9S	1421855.9E	117/---	44.6	0/0	H
ATS ROUTE Y241 O/W							
1	BIVAT	273231.4S	1515443.1E	---/045			
2	WOODY	271416.9S	1522416.9E	044/---	32.0	0/0	B
ATS ROUTE Y258 O/W							
1	IDRAS	271600.5S	1534730.3E	---/276			
1	OTGAT	265803.0S	1524337.0E	277/272	59.8	0/0	H
1	LEBIT	264813.0S	1515627.0E	273/---	43.3	0/0	H
ATS ROUTE Y260 O/W							
1	ML VOR	373936.5S	1445031.2E	---/102			
1	CORRS	375532.0S	1453649.8E	101/104	40.0	0/0	H
4	ECKHO	393928.2S	1503103.9E	098/---	252.3	0/0	H
ATS ROUTE Y305 O/W							
2	KA VOR	204254.3S	1164626.2E	---/179			
2	GUTLI	240636.6S	1164749.9E	179/---	203.0	0/0	B
ATS ROUTE Y316 O/W							
3	ROM NDB	263235.1S	1484654.1E	---/088			
2	BEPNA	264325.7S	1502557.5E	087/---	89.4	0/0	B
ATS ROUTE Y327 O/W							
1	VIMAP	403927.4S	1471154.2E	---/010			
1	MAKRL	382952.2S	1482528.0E	010/---	141.4	0/0	H
ATS ROUTE Y340 O/W							
1	IGUPI	262848.9S	1515541.6E	---/100			
1	LAMUG	263802.0S	1522256.0E	100/---	26.1	0/0	H
ATS ROUTE Y408 O/W							
2	BELUL	242534.5S	1452609.1E	---/081			
3	PUDUR	242355.0S	1462922.1E	080/080	57.7	0/0	L
3	PONAN	242105.7S	1475145.4E	079/---	75.3	0/0	L
ATS ROUTE Y409 O/W							
2	EML NDB	233402.8S	1481015.8E	---/118			
1	BESBO	254440.1S	1512929.5E	115/---	223.4	0/0	H
ATS ROUTE Y495 O/W							
3	PN VOR	202948.8S	1483310.7E	---/150			
3	NITIT	214238.7S	1490400.8E	150/150	78.1	5600/0	H
3	MAGRA	222535.5S	1492227.8E	149/149	46.1	0/0	H
2	COCKA	230230.7S	1493829.5E	149/---	39.7	0/0	H
ATS ROUTE Y557 O/W							
2	URBEN	415236.0S	1461736.0E	---/103			
1	MORGO	421018.0S	1470439.9E	102/---	39.3	6100/0	B
ATS ROUTE Y684 O/W							
2	MOVBA	233330.0S	1451752.8E	---/089			
3	OMUBI	233815.4S	1460405.8E	088/106	42.7	0/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
3	PONAN	242105.7S	1475145.4E	104/104	107.4	0/0	L
3	COOLA	251800.0S	1502204.7E	102/095	148.0	0/0	L
3	SUSGI	253541.9S	1514023.4E	094/---	73.0	0/0	L
ATS ROUTE Z10 O/W							
2	TODOT	091758.5S	1265724.5E	126/126	66.7	0/0	B
2	ANUPA	113051.6S	1295424.7E	125/---	218.9	0/0	B
ATS ROUTE Z11 T/W							
3	CS VOR	165100.1S	1454438.0E	---/289			
3	IDETU	161153.5S	1442011.5E	290/290	90.0	0/0	L
3	RUMGI	154530.6S	1432411.7E	290/290	60.0	0/0	L
2	MILAK	145350.0S	1413639.0E	291/---	116.0	0/0	L
ATS ROUTE Z12 T/W							
2	BACAU	082906.0S	1262400.0E	---/113			h
4	ELBIS	090518.0S	1274342.0E	113/---	86.7	0/0	H
ATS ROUTE Z13 T/W							
3	BDV NDB	255346.6S	1392112.3E	---/357			
3	MUGTI	242046.0S	1392737.0E	357/010	92.9	0/0	L
3	BOU NDB	225453.2S	1395425.1E	010/---	89.1	0/0	L
ATS ROUTE Z14 T/W							
2	MILAK	145350.0S	1413639.0E	---/162			
3	VEVAV	152847.3S	1414454.5E	162/---	35.7	0/0	L
ATS ROUTE Z17 O/W							
1	AKROM	182113.7S	1464801.0E	---/127			
3	OVRON	202104.2S	1485721.2E	126/---	170.9	0/0	B
ATS ROUTE Z19 O/W							
1	PH VOR	315642.2S	1155733.2E	---/056			
1	REPOK	313539.4S	1163151.2E	055/021	36.0	0/0	L
1	NINEK	304053.3S	1165428.4E	020/026	58.0	0/0	L
3	DUTAK	293011.6S	1173256.1E	025/025	78.0	0/0	L
1	LAKAV	284326.7S	1175749.4E	025/025	51.5	0/0	L
2	WIRAL	274630.7S	1182735.1E	024/024	62.6	0/0	L
3	MURCH	264539.1S	1185846.1E	024/015	66.7	0/0	L
2	KABRO	251907.8S	1192521.6E	014/---	89.5	0/0	L
ATS ROUTE Z22 O/W							
2	LEO NDB	285243.9S	1211913.0E	---/218			
1	MULDM	294707.8S	1202837.4E	219/---	70.0	0/0	L
ATS ROUTE Z23 O/W							
1	AVGIK	312644.1S	1164431.3E	---/066			
1	KATCM	310917.7S	1172709.5E	065/083	40.5	0/0	L
3	VIROK	305711.4S	1190946.8E	082/086	89.0	0/0	L
3	KG VOR	304723.4S	1212710.0E	084/---	118.6	0/0	L
ATS ROUTE Z25 O/W							
1	AKROM	182113.7S	1464801.0E	---/134			
3	ALBUX	200116.3S	1481254.9E	133/---	128.0	0/0	B
ATS ROUTE Z31 O/W							
2	AKNON	273827.0S	1524243.0E	---/092			
2	COWIE	274026.0S	1525206.0E	092/091	8.6	0/0	L
2	MAYSO	274129.0S	1525737.0E	091/091	5.0	0/0	L
1	LAGOB	274541.1S	1532003.6E	091/149	20.4	0/0	L
3	GOMOL	281008.2S	1533014.7E	148/134	26.0	0/0	L
2	SEMAJ	284036.0S	1535342.0E	134/---	36.8	0/0	L
ATS ROUTE Z32 T/W							
1	IPLAV	174503.9S	1393154.3E	---/249			
1	TERAR	175610.9S	1384907.1E	250/---	42.3	0/0	L

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Z33 T/W							
1	AMB TAC	273829.5S	1524258.0E	---/195			
1	EMPUM	275158.9S	1523529.2E	195/147	15.0	0/0	L
2	IDNER	285228.5S	1530252.7E	147/125	65.0	0/0	L
1	TEDEB	291145.2S	1532346.3E	125/---	26.6	0/0	L
ATS ROUTE Z35 T/W							
3	OVMIS	162417.2S	1310024.5E	---/347			
3	JULES	150930.8S	1304633.5E	347/357	75.7	0/0	L
3	MOTRU	135733.4S	1304639.3E	357/002	71.6	0/0	L
2	DN VOR	122523.8S	1305423.3E	002/---	92.1	0/0	L
ATS ROUTE Z38 O/W							
3	NISOP	283644.1S	1222521.1E	---/234			
1	MULDM	294707.8S	1202837.4E	235/235	124.0	0/0	L
2	BUNGL	302017.3S	1193139.4E	236/236	59.5	0/0	L
3	YAHMO	304300.6S	1185149.3E	237/231	41.2	0/0	L
1	KELLA	313255.1S	1173921.9E	232/242	79.7	0/0	L
2	LAVEX	315326.7S	1165610.5E	242/267	42.2	0/0	L
1	PH VOR	315642.2S	1155733.2E	268/---	50.0	0/0	L
ATS ROUTE Z41 O/W							
2	GEL VOR	284725.2S	1144222.0E	---/149			
1	AVDIS	292118.9S	1150645.6E	149/141	40.0	0/0	L
1	HINDS	304741.6S	1163216.5E	140/175	113.7	0/0	L
1	TEBIP	310533.1S	1163427.3E	175/---	17.9	0/0	L
ATS ROUTE Z42 T/W							
3	CS VOR	165100.1S	1454438.0E	---/305			
2	VAKSA	151106.3S	1434804.8E	306/306	150.0	0/0	L
3	SAMOR	132119.3S	1414321.1E	307/---	163.1	0/0	L
ATS ROUTE Z44 O/W							
1	PH VOR	315642.2S	1155733.2E	---/137			
1	MEVAD	322225.2S	1162717.5E	137/123	36.0	0/0	L
1	PUMRY	323910.9S	1165930.0E	123/107	32.0	0/0	L
3	ESP VOR	334050.1S	1214925.6E	102/---	251.0	0/0	L
ATS ROUTE Z47 O/W							
3	BOGES	365109.9S	1454418.5E	---/088			
1	OMBIS	370253.0S	1472004.0E	086/---	77.6	0/0	L
ATS ROUTE Z50 O/W							
2	AYE NDB	251021.7S	1305829.3E	---/101			
1	AVMON	253003.8S	1322405.3E	100/145	80.0	0/0	B
3	KADBA	261242.2S	1325207.7E	145/---	49.5	0/0	B
ATS ROUTE Z51 T/W							
2	TL VOR	191439.1S	1464529.1E	---/265			
2	KADMU	190550.6S	1433938.5E	267/267	176.1	0/0	L
2	PUDIN	185625.3S	1410932.7E	268/268	142.5	0/0	L
3	KAKTU	184514.0S	1384211.0E	270/---	140.2	0/0	L
ATS ROUTE Z52 O/W							
1	MALUP	322150.0S	1173922.2E	---/309			
2	LAVEX	315326.7S	1165610.5E	309/---	46.3	0/0	L
ATS ROUTE Z54 T/W							
3	LTV NDB	381209.1S	1462832.6E	---/025			
2	DADER	364248.2S	1475400.7E	024/024	112.2	0/0	L
3	CB VOR	351653.2S	1491144.6E	024/---	106.5	0/0	L
ATS ROUTE Z55 T/W							
2	KA VOR	204254.3S	1164626.2E	---/205			
1	GUGRA	212336.0S	1162542.0E	205/190	44.9	2700/4700	B
2	AVNOV	233000.0S	1160018.7E	190/192	128.1	4700/5100	B
3	WOLAG	263416.7S	1151557.1E	193/193	188.1	5000/5000	B
2	GEL VOR	284725.2S	1144222.0E	194/---	136.1	2900/2900	B
ATS ROUTE Z56 T/W							
3	WDH NDB	252439.3S	1423947.5E	---/123			
1	AVDOT	263631.0S	1441527.0E	121/076	112.1	0/0	L
3	CV NDB	262512.1S	1461456.4E	075/---	107.8	0/0	L
ATS ROUTE Z61 O/W							
1	NINEK	304053.3S	1165428.4E	---/037			
3	LAKMO	294914.8S	1173818.2E	037/037	64.0	0/0	L
2	OMLAT	281707.1S	1185410.7E	035/035	113.4	0/0	L
3	WLU NDB	263729.2S	1201312.0E	034/---	121.7	0/0	L
ATS ROUTE Z67 O/W							
1	KATCM	310917.7S	1172709.5E	---/071			
3	YAHMO	304300.6S	1185149.3E	070/---	77.4	0/0	L
ATS ROUTE Z68 O/W							
3	KAKDO	290557.5S	1222710.9E	---/242			
2	BUNGL	302017.3S	1193139.4E	245/---	169.9	0/0	L
ATS ROUTE Z69 O/W							
1	JULIE	114745.7S	1294213.2E	---/305			
2	METAN	092707.4S	1264047.3E	307/307	227.0	0/0	L
ATS ROUTE Z70 T/W							
1	HAAVI	251926.7S	1525259.0E	---/161			
1	SU VOR	263551.7S	1530525.1E	161/---	77.0	2200/2200	L
ATS ROUTE Z74 O/W							
1	ONEGI	262523.6S	1203436.1E	---/197			
1	URAMU	264550.5S	1202708.2E	197/214	21.5	0/0	L
3	LIRRI	271938.8S	1200059.8E	214/214	41.0	0/0	L
2	ENTAL	282841.9S	1190633.4E	215/215	84.1	0/0	L
2	NOMAV	291203.9S	1183136.4E	215/227	53.0	0/0	L
1	OVLUK	303538.6S	1164647.2E	229/---	123.5	0/0	L
ATS ROUTE Z81 T/W							
4	SATNA	110412.0S	1243412.0E	---/145			
4	ARG VOR	163754.1S	1282655.5E	143/143	402.0	0/0	H
2	GEKKO	211209.3S	1315023.6E	140/140	334.4	0/0	H
2	AS VOR	234734.4S	1335241.6E	139/---	191.9	0/0	H
ATS ROUTE Z82 O/W							
1	OMBIS	370253.0S	1472004.0E	---/250			
3	TEMIS	371222.8S	1455006.2E	251/---	72.6	0/0	L
ATS ROUTE Z83 O/W							
1	KATCM	310917.7S	1172709.5E	---/058			
3	YOKRA	300447.1S	1191933.6E	056/---	116.4	0/0	L
ATS ROUTE Z84 T/W							
1	SU VOR	263551.7S	1530525.1E	---/360			
1	CREDY	254824.0S	1531512.0E	360/314	48.1	1700/1700	L
1	HAAVI	251926.7S	1525259.0E	315/299	35.2	2200/2200	L
3	BUD NDB	245423.7S	1521913.1E	299/---	39.5	1700/1700	L
ATS ROUTE Z86 O/W							
3	IKUMA	102548.0S	1270806.0E	---/318			
2	ISMUD	093746.5S	1262659.5E	318/318	62.7	0/0	H
ATS ROUTE Z87 O/W							
1	REPOK	313539.4S	1163151.2E	---/052			
1	AVGIK	312644.1S	1164431.3E	052/022	14.0	0/0	L
1	VILOD	304541.2S	1170221.4E	021/054	43.7	0/0	L
3	ENGUD	295934.1S	1181233.6E	053/053	76.2	0/0	L

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	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
2	BULGI	290003.2S	1194014.6E	051/051	96.8	0/0	L
3	MIDIM	275230.1S	1211610.9E	050/---	108.1	0/0	L
ATS ROUTE Z90 T/W							
1	AREPA	343427.7S	1375111.0E	---/324			
3	RUTMO	330043.5S	1365042.6E	325/325	106.3	0/0	L
2	TEGEX	311309.4S	1354415.6E	326/---	121.3	0/0	L
ATS ROUTE Z91 T/W							
3	WHA NDB	330329.2S	1373127.2E	---/313			
1	TEGAL	314732.8S	1361807.5E	314/313	98.0	0/0	B
2	TEGEX	311309.4S	1354415.6E	314/332	44.9	0/0	B
1	CBP NDB	290154.5S	1344325.6E	333/---	141.2	0/0	B
ATS ROUTE Z92 T/W							
1	CBP NDB	290154.5S	1344325.6E	---/020			
1	RETEP	282956.4S	1350039.5E	020/085	35.3	0/0	B
1	VAPTA	282957.2S	1355005.5E	084/114	43.6	0/0	B
3	CALAR	290000.0S	1364951.1E	113/158	60.5	0/0	B
2	GAANY	302620.2S	1371756.3E	157/169	89.5	0/0	B
3	WHA NDB	330329.2S	1373127.2E	168/---	157.2	0/0	B
ATS ROUTE Z93 T/W							
3	RUTMO	330043.5S	1365042.6E	---/138			
3	MESER	334404.8S	1372715.3E	137/137	53.0	0/0	L
1	MARGO	342450.0S	1380219.2E	136/---	50.0	0/0	L
ATS ROUTE Z95 O/W							
3	MURCH	264539.1S	1185846.1E	---/028			
2	BELBI	250047.6S	1200023.0E	027/023	118.4	0/0	L
3	ATATA	214032.7S	1213538.0E	022/---	218.0	0/0	L
ATS ROUTE Z98 T/W							
1	HAAVI	251926.7S	1525259.0E	---/170			
1	SAGLI	261816.0S	1525259.0E	169/---	58.6	0/0	L
ATS ROUTE Z102 T/W							
2	CAR VOR	245255.3S	1134022.4E	---/023			
3	TOLAG	234018.7S	1141322.0E	022/022	78.4	1700/1700	L
1	SAGNO	215832.4S	1145830.8E	022/022	109.7	2000/2000	L
3	ONSLO	213959.4S	1150643.4E	022/018	20.0	1600/1600	L
1	VENGA	212246.0S	1151259.9E	018/019	18.1	1600/1600	L
1	BAROW	205150.2S	1152441.4E	019/---	32.7	1700/1700	L
ATS ROUTE Z105 O/W							
1	EMSUR	323350.5S	1502814.7E	---/029			
1	ELKAB	321529.6S	1504639.9E	028/044	24.1	0/0	L
1	UBLOM	320352.4S	1510656.7E	044/044	20.8	0/0	L
1	EKIBI	320021.6S	1511302.4E	044/---	6.3	0/0	L
ATS ROUTE Z127 O/W							
1	EMSUR	323350.5S	1502814.7E	---/018			
3	LALIB	320205.1S	1504951.7E	018/---	36.6	0/0	L
ATS ROUTE Z418 T/W							
3	OK VOR	272358.8S	1514416.3E	---/257			
3	MUPIK	272709.2S	1500000.0E	258/258	92.8	0/0	L
3	COLLY	272922.2S	1473622.2E	260/260	127.8	0/0	L
3	NUBTA	272831.2S	1442713.0E	263/263	168.2	0/0	L
2	ELMOL	272431.0S	1414829.0E	265/236	141.3	0/0	L
3	TIGGA	274336.8S	1410447.1E	237/237	43.3	0/0	L
2	OOM NDB	280615.6S	1401156.9E	237/---	52.0	0/0	L

	WAYPOINT			TRACK IN/OUT	DIST NM	LSALT IN/BACK	H L B
ATS ROUTE Z832 O/W							
3	SEMAJ	284036.0S	1535342.0E	---/314			
3	GOMOL	281008.2S	1533014.7E	314/287	36.8	0/0	L
2	LIDPO	275208.0S	1525243.0E	287/287	37.8	0/0	L
1	RIRBO	274944.4S	1524746.0E	287/327	5.0	0/0	L
2	AKNON	273827.0S	1524243.0E	327/---	12.1	0/0	L

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