

**AERONAUTICAL
INFORMATION
CIRCULAR (AIC)**

AERONAUTICAL INFORMATION SERVICE,
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CANBERRA ACT 2601

AIRAC**H29/26****Effective: 202607081600 UTC**

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Email: aero.charting@airservicesaustralia.com

CHANGES TO AIP AERONAUTICAL CHARTS EFFECTIVE 09 JULY 2026

1. INTRODUCTION

- 1.1 This AIC cancels and replaces AIC H47/25 on 09 July 2026.
- 1.2 This AIC identifies significant changes incorporated in AIP Charts that become effective on 09 July 2026. Amendments are listed in sufficient detail to allow easy identification on the charts.
- 1.3 The Latitude and Longitude (LAT/LONG) in this document is shown to an accuracy defined by the source information. If the LAT/LONG is shown as 1824S 15122E the position has been defined to the nearest minute; if the LAT/LONG is shown as 1824.2S 15122.4E the position has been defined to the nearest tenth of a minute. If the LAT/LONG is shown as 182412S 1512224E the position has been defined to the nearest second.
- 1.4 While every effort is made by Airservices to ensure the accuracy of international data contained in Airservices' charts and publications, international data is based on, or contains, information provided from regional governments or third party sources over which Airservices has no control, and which may not always be completely up to date.
- 1.5 Changes of a purely editorial nature are not listed, and changes which are the subject of NOTAM or SUP may not be included. Refer to current NOTAM and SUP for latest operational information.
- 1.6 Obstacle values may differ from NOTAM or SUP information due to validation during incorporation into the vertical obstruction database. Not all obstacles may appear on charts due to cartographic considerations

1.7 Advice of any incorrect information on the charts or suggestions regarding AIP Charts should be forwarded to AIS via email: docs.amend@airservicesaustralia.com

2. COPYRIGHT

2.1 All charts are subject to the copyright conditions detailed on each chart.

3. SPECIFIC CHANGES

3.1 This update to the AIC presents changes to chart information by chart series, rather than by specific changes.

3.2 In the below section, the following decode applies:

ERCH	En Route Chart High
H1	High Chart, followed by number, e.g. 1, 2, 3 etc.
ERCL	En Route Chart Low
L1	Low Chart, followed by number, e.g. 1, 2, 3 etc.
TAC	Terminal Area Chart
VNC	Visual Navigation Chart
VTC	Visual Terminal Chart
PCA	Planning Chart Australia

4. SPECIFIC CHANGES

4.1 ERCH 1

4.1.1 Airspace

AMD:	
Grid LSALT increased to 1900FT in 1 degree grid 350000S 1440000E, 340000S 1450000E	
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E	
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E	
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E	
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E	
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E	
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E	
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E	
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E	
BRISBANE CTA C10 FL125-FL155	
BRISBANE CTA C11 FL155-FL180	
Deleted:	
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E	

4.1.2 AD/ALA/HLS

Added:	
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E	

4.1.3 Route and route segments

Added:	
Q69 MAKRU to IGBUS	Q3 UPDAK to DUBSU
Q69 IGBUS to RULUN	Q6 SANEG to POSUT

Q18 UPDAK to TONTO	Y35 KACEY to METUV to ENVOL
Q223 TONTO to GLB NDB	Y82 ISNOL to ENVOL
Q601 ADMOD to BOSUN	Q209 - IDNER to PEDGO to CLIFF
T2 UPDAK to TESAT	Q218 - PEDGO to ISKIM
T14 MUDGI to AGVUB	Y126 - GUXOT to AGRAB
T22 RUTOS to STUIE	Y54 - ISNUG to RIKDA
Y35 KACEY to METUV to ENVOL	Y54 - RIKDA to OVSIV
Q28 UPDAK to TEEVE to PKS VOR	
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Q304 DUBSU to BENBU to SPLIZ to LASUD	
Q404 ADMAR to OMBUP to ADMOD	
T49 ISBOV to OMLAV to ABASS to NWA NDB	
Y35 KACEY to METUV to ENVOL	
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT	
Y130 - OLRIP to IDBAB to UPSEL to BNA NDB	
Q209 - IDNER to PEDGO to CLIFF	
H133 - VERES to AGRAB to TAXIV to UPSEL	
Added:	
Y54 OLRIP to OVREX	W184 AVBEG to ENVOL to SPLIZ
Y54 OVREX to BERNI	Y59 TARAL to ENLAD to RIVET
Y43 BANDA to VESOK	Y71 VAGPO to GUVBO
Y43 VESOK to BERNI	Y105 VEPAP to GUVBO to VELGI
G222 PKS VOR to IBODA	H252 BANDA to KAPSA to RULGU
Q76 TOBOB to IBODA	H98 - IDNER to VIMEG
H39 NEWMO to GUVBO	H98 - VIMEG to SANAD
H44 KADOM to TEEVE to LIDLI	Y193 - EMVUG to VERES
H201 OLTIN to KARDI to MONDO	Y193 - VERES to BANDA
Q155 DUUKE to RUTOS	Y43 - MATLA to GUXOT
Q401 TEEVE to UVUPU	Y43 - GUXOT to BANDA

Y54 - OLRIP to OVREX	Y54 - OVREX to VIMEG
Y54 - VIMEG to BERNI	
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
H536 URKIX to ISBOV RTE terminates at new WPT ISBOV	
H652 IDOGI to TIABB RTE terminates at new WPT TIABB and AMD from H to B	
N774 MARLN to BIKUS to WHALE to PRAWN to DIPPA to TESAT	
Q35 OSRAR to SPIES to PKS VOR	
Y52 APOMA to GUVBO to OMDOG to ENVOL to RUPEM to TOROB to REVKI to UPDAK	
Deleted:	
Q69 MAKRU to RULUN	Y54 - ISNUG to TROFE
H226 RIC NDB to ENPAG	Y54 - TROFE to OVSIV
Y193 - BANDA to BNA NDB	
H76 RIC NDB to RUTOS to LOKYA to EMSUR to AVBID to UPVEN	

4.1.4 Waypoints

Added:
R481 at PSN 332756.17S 1503913.69E
R494 at PSN 333138.06S 1504431.45E
OVREX at PSN 295232.36S 1521538.60E
VESOK at PSN 300645.33S 1525324.10E
IGBUS at PSN 271411.53S 1532940.26E
GUVBO at PSN 330401.00S 1472652.80E
TEEVE at PSN 334346.70S 1495350.90E
SPLIZ at PSN 324325.10S 1492651.00E
LIPDI at PSN 320636.50S 1495818.80E
KARDI at PSN 324634.00S 1511443.70E
STUIE at PSN 333549.00S 1504635.00E
RUSUM at PSN 332442.90S 1502619.90E
SHABY at PSN 330650.00S 1500447.20E
ISBOV at PSN 340454.60S 1512057.60E

TIABB at PSN 311043.20S 1503351.60E
UPDAK at PSN 335327.10S 1504305.60E
DUBSU at PSN 333532.00S 1502521.00E
SPIES at PSN 322538.50S 1490647.90E
LATAB at PSN 313530.60S 1502955.80E
DAGVA at PSN 322904.50S 1503152.20E
UKDUL at PSN 330119.40S 1503303.40E
UNTAV at PSN 331738.10S 1505111.20E
POSUT at PSN 300639.50S 1512533.00E
OMBUP at PSN 312116.90S 1511915.40E
ADMOD at PSN 315030.00S 1510115.00E
AGVUB at PSN 325018.10S 1495535.60E
ENVOL at PSN 335507.10S 1491311.20E
IVTON at PSN 323219.00S 1510155.30E
DABOG at PSN 324653.10S 1510210.20E
OMDOG at PSN 331452.40S 1480457.70E
RIKDA at PSN 321713.60S 1485938.20E
ENLAD at PSN 342257.60S 1501207.80E
IRPIR at PSN 320848.40S 1510131.40E
NIXIM at PSN 295426.40S 1502041.20E
RUPOG at PSN 303643.60S 1503818.90E
IDBAB at PSN 300540.00S 1521758.00E
UPSEL at PSN 293314.00S 1525543.00E
PEDGO at PSN 285428.00S 1525106.00E
VERES at PSN 312117.00S 1522410.00E
AGRAB at PSN 310000.00S 1523724.00E
TAXIV at PSN 300218.70S 1530425.80E
GUXOT at PSN 312008.00S 1521733.40E
VIMEG at PSN 293553.50S 1523511.80E
KAPSA at PSN 300456.38S 1524955.45E
ADMOD - Add Right Holding Pattern 168 degrees at PSN 315030.00S 1510115.00E

DABOG - Add Left Holding Pattern -167 degrees at PSN 324653.10S 1510210.20E
IDOGI - Add Left Holding Pattern -154 degrees at PSN 305035.12S 1502740.10E
KARDI - Add Right Holding pattern 171 degrees at PSN 324634.00S 1511443.70E
METUV - Add Left Holding Pattern -58 degrees at PSN 341339.96S 1481443.94E
OMBUP - Add Right Holding Pattern 196 degrees at PSN 312116.90S 1511915.40E
OMDOG - Add Right Holding Pattern 114 degrees at PSN 331452.40S 1480457.70E
RUPEM - Add Left Holding Pattern -73 degrees at PSN 335322.12S 1493452.05E
RUPOG - Add Left Holding Pattern -149 degrees at PSN 303643.60S 1503818.90E
STUIE - Add Right Holding Pattern 200 degrees at PSN 333549.00S 1504635.00E
UKDUL - Add Right Holding Pattern 166 degrees at PSN 330119.40S 1503303.40E
AMD:
EVONN at PSN 341142.70S 1520152.30E
BENBU at PSN 331148.0 S 1495854.00E
HILAR at PSN 313842.80S 1482909.50E
SHAZA at PSN 333939.70S 1520054.30E
MARLN at PSN 340205.00S 1520402.10E
CAWLY at PSN 341934.40S 1515728.40E
BOYSY at PSN 371809.20S 1454010.10E
OPTIC at PSN 342404.10S 1515319.80E
AKPAL at PSN 322224.10S 1491046.70E
SNELY at PSN 383423.00S 1502217.00E
LOSPI at PSN 310817.70S 1480606.10E
TROFE at PSN 321608.60S 1490255.60E

Deleted:
MESIM - Remove Right Holding Pattern at PSN 315630.00S 1510948.00E
PKS - Remove Right Holding Pattern at PSN 330752.60S 1481414.30E
SANAD - Remove Right Holding Pattern at PSN 312311.02S 1512444.59E
UXUTI at PSN 345700.22S 1503159.78E

4.2 ERCH 2

4.2.1 Airspace

AMD:
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE CTA C11 FL155-FL180

4.2.2 AD/ALA/HLS

Deleted:
ARGYLE (YARG) at PSN 163812.62S 1282704.82E

4.2.3 Nav aids

Deleted:
VOR/DME ARG at PSN 163754.09S 1282655.52E

4.2.4 Routes and route segments

Added:	
Q69 MAKRU to IGBUS	Q6 SANEG to POSUT
Q69 IGBUS to RULUN	Q218 - PEDGO to ISKIM
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Y130 - OLRIP to IDBAB to UPSEL to BNA NDB	
Q209 - IDNER to PEDGO to CLIFF	
H133 - VERES to AGRAB to TAXIV to UPSEL	
AMD:	
Y54 OVREX to BERNI	G326 NONOK to BOYDI
G326 GUNAM to NONOK	J72 KU VOR to NONOK

T28 NONOK to NISAD	H98 - IDNER to VIMEG
T63 DOPUK to NONOK	H98 - VIMEG to SANAD
Z81 SATNA to NONOK	Y54 - OVREX to VIMEG
Z81 NONOK to GEKKO	Y54 - VIMEG to BERNI
H652 MK VOR to TIABB	
Deleted:	
Q69 MAKRU to RULUN	Y193 - BANDA to BNA NDB

4.2.5 Special use airspace

Added:	
R276A at PSN 125404.14S 1303751.36E	
R276B at PSN 131904.32S 1302246.03E	
M277A at PSN 122540.32S 1302057.74E	
M277B at PSN 122517.39S 1295141.64E	
M277E at PSN 124312.82S 1302622.53E	
M277F at PSN 125851.77S 1300138.44E	
M278A at PSN 115423.80S 1310457.20E	
M278B at PSN 112658.81S 1311347.98E	
M278E at PSN 120655.80S 1312140.85E	
M278F at PSN 115015.26S 1314528.60E	
AMD:	
R262B to R276C at PSN 135244.41S 1300221.08E	
R262C to R276D at PSN 143127.68S 1293843.57E	
M263C to M277C at PSN 122504.35S 1291216.17E	
M263D to M277D at PSN 122442.84S 1282650.28E	
M263F to M277G at PSN 131947.02S 1292823.65E	
M263G to M277H at PSN 134349.80S 1284955.07E	
M240B to M278C at PSN 105015.40S 1312536.14E	
M240C to M278D at PSN 101805.93S 1313553.76E	
M240E to M278G at PSN 112746.88S 1321723.66E	
M240F to M278H at PSN 110804.68S 1324514.44E	

Deleted:
R262A at PSN 131441.35S 1302524.99E
M263A at PSN 122535.56S 1301801.96E
M263B at PSN 122516.59S 1294946.41E
M263E at PSN 125613.13S 1300549.63E
M240A at PSN 113131.11S 1311220.25E
M240D at PSN 115307.50S 1314123.24E

Waypoints

Added:
NONOK at PSN 163754.09S 1282655.52E
IGBUS at PSN 271411.53S 1532940.26E
UPSEL at PSN 293314.00S 1525543.00E
PEDGO at PSN 285428.00S 1525106.00E
VIMEG at PSN 293553.50S 1523511.80E

4.3 ERCH 3

4.3.1 Airspace

AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E

SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
BRISBANE CTA C09 8500-FL125
BRISBANE CTA C10 FL125-FL155
BRISBANE CTA C11 FL155-FL180
Deleted:
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E

4.3.2 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E

4.3.3 Routes and route segments

Added:	
Q69 MAKRU to IGBUS	T14 MUDGI to AGVUB
Q69 IGBUS to RULUN	T22 RUTOS to STUIE
Q3 UPDAK to DUBSU	Y82 ISNOL to ENVOL
Q6 SANEG to POSUT	Q218 - PEDGO to ISKIM
Q18 UPDAK to TONTO	Y126 - GUXOT to AGRAB
Q223 TONTO to GLB NDB	Y54 - ISNUG to RIKDA
Q601 ADMOD to BOSUN	Y54 - RIKDA to OVSIV
T2 UPDAK to TESAT	
Q28 UPDAK to TEEVE to PKS VOR	
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Q304 DUBSU to BENBU to SPLIZ to LASUD	
Q404 ADMAR to OMBUP to ADMOD	
T49 ISBOV to OMLAV to ABASS to NWA NDB	
Y35 KACEY to METUV to ENVOL	
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT	
Y130 - OLRIP to IDBAB to UPSEL to BNA NDB	

Q209 - IDNER to PEDGO to CLIFF	
H133 - VERES to AGRAB to TAXIV to UPSEL	
AMD:	
Y54 OLRIP to OVREX	G222 IBODA to VAGPO
Y54 OVREX to BERNI	Q76 TOBOB to IBODA
Y43 BANDA to VESOK	Q76 IBODA to ISGEL
Y43 VESOK to BERNI	H39 NEWMO to GUVBO
T12 KAGMI to DAKPO	Q155 DUUKE to RUTOS
T12 DAKPO to OPEGA	Q401 TEEVE to UVUPU
L514 PALTl to OTGOM	W137 CWR NDB to SPLIZ
L514 OTGOM to TOPIR	Y71 VAGPO to GUVBO
Q9 RULVI to ELGAT	H652 MK VOR to TIABB
Q9 ELGAT to AVPAL	H98 - IDNER to VIMEG
Q31 AVMAS to VEKBO	H98 - VIMEG to SANAD
Q31 VEKBO to AVPAL	Y193 - EMVUG to VERES
Q38 UNVAX to SOVTO	Y193 - VERES to BANDA
Q38 SOVTO to DALWU	Y43 - MATLA to GUXOT
Q73 WLU NDB to IGOKO	Y43 - GUXOT to BANDA
Q73 IGOKO to NOMAV	Y54 - OLRIP to OVREX
Q181 TODIK to DUBUL	Y54 - OVREX to VIMEG
Q181 DUBUL to AVPAL	Y54 - VIMEG to BERNI
G222 PKS VOR to IBODA	
H44 KADOM to TEEVE to LIDLI	
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN	
H201 OLTIN to KARDI to MONDO	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
H536 URKIX to ISBOV RTE terminates at new WPT ISBOV	
H652 IDOGI to TIABB RTE terminates at new WPT TIABB and AMD from H to B	
Q35 OSRAR to SPIES to PKS VOR	
W184 AVBEG to ENVOL to SPLIZ	
Y59 TARAL to ENLAD to RIVET	

Y52 APOMA to GUVBO to OMDOG to ENVOL to RUPEM to TOROB to REVKI to UPDAK	
Y105 VEPAP to GUVBO to VELGI	
H252 BANDA to KAPSA to RULGU	
Deleted:	
H226 RIC NDB to ENPAG	Q69 MAKRU to RULUN
Y54 - ISNUG to TROFE	Y193 - BANDA to BNA NDB
Y54 - TROFE to OVSIV	
H76 RIC NDB to RUTOS to LOKYA to EMSUR to AVBID to UPVEN	

4.3.4 Special use airspace

Added:	
R481 at PSN 332756.17S 1503913.69E	
R222K at PSN 281943.23S 1275610.96E	
R222L at PSN 273658.12S 1251626.10E	
Deleted:	
R494 at PSN 333138.06S 1504431.45E	

4.3.5 Waypoints

Added:	
OVREX at PSN 295232.36S 1521538.60E	
VESOK at PSN 300645.33S 1525324.10E	
DAKPO at PSN 313427.15S 1135445.92E	
MIGEP at PSN 311204.00S 1140753.00E	
AVMEK at PSN 305837.00S 1141542.00E	
GOPLO at PSN 304604.00S 1142257.00E	
BEKIG at PSN 315033.00S 1134516.00E	
TUTRU at PSN 320452.00S 1133646.00E	
OTGOM at PSN 282001.32S 1164127.57E	
ELGAT at PSN 282708.32S 1170421.42E	
VEKBO at PSN 283141.97S 1171910.11E	
DUBUL at PSN 283346.15S 1172555.55E	
SOVTO at PSN 283551.33S 1173245.64E	

ASEBI at PSN 284143.18S 1175205.89E
LEDAB at PSN 284615.23S 1180710.81E
NURPA at PSN 284947.45S 1181901.57E
BEPKI at PSN 285318.91S 1183054.09E
IGOKO at PSN 285635.88S 1184201.69E
IGBUS at PSN 271411.53S 1532940.26E
GUVBO at PSN 330401.00S 1472652.80E
TEEVE at PSN 334346.70S 1495350.90E
SPLIZ at PSN 324325.10S 1492651.00E
LIPDI at PSN 320636.50S 1495818.80E
KARDI at PSN 324634.00S 1511443.70E
STUIE at PSN 333549.00S 1504635.00E
RUSUM at PSN 332442.90S 1502619.90E
SHABY at PSN 330650.00S 1500447.20E
ISBOV at PSN 340454.60S 1512057.60E
TIABB at PSN 311043.20S 1503351.60E
UPDAK at PSN 335327.10S 1504305.60E
DUBSU at PSN 333532.00S 1502521.00E
SPIES at PSN 322538.50S 1490647.90E
LATAB at PSN 313530.60S 1502955.80E
DAGVA at PSN 322904.50S 1503152.20E
UKDUL at PSN 330119.40S 1503303.40E
UNTAV at PSN 331738.10S 1505111.20E
POSUT at PSN 300639.50S 1512533.00E
OMBUP at PSN 312116.90S 1511915.40E
ADMOD at PSN 315030.00S 1510115.00E
AGVUB at PSN 325018.10S 1495535.60E
ENVOL at PSN 335507.10S 1491311.20E
IVTON at PSN 323219.00S 1510155.30E
DABOG at PSN 324653.10S 1510210.20E
OMDOG at PSN 331452.40S 1480457.70E
RIKDA at PSN 321713.60S 1485938.20E

ENLAD at PSN 342257.60S 1501207.80E
IRPIR at PSN 320848.40S 1510131.40E
NIXIM at PSN 295426.40S 1502041.20E
RUPOG at PSN 303643.60S 1503818.90E
IDBAB at PSN 300540.00S 1521758.00E
UPSEL at PSN 293314.00S 1525543.00E
PEDGO at PSN 285428.00S 1525106.00E
VERES at PSN 312117.00S 1522410.00E
AGRAP at PSN 310000.00S 1523724.00E
TAXIV at PSN 300218.70S 1530425.80E
GUXOT at PSN 312008.00S 1521733.40E
VIMEG at PSN 293553.50S 1523511.80E
KAPSA at PSN 300456.38S 1524955.45E
ADMOD - Add Right Holding Pattern 168 degrees at PSN 315030.00S 1510115.00E
DABOG - Add Left Holding Pattern -167 degrees at PSN 324653.10S 1510210.20E
IDOGI - Add Left Holding Pattern -154 degrees at PSN 305035.12S 1502740.10E
KARDI - Add Right Holding pattern 171 degrees at PSN 324634.00S 1511443.70E
METUV - Add Left Holding Pattern -58 degrees at PSN 341339.96S 1481443.94E
OMBUP - Add Right Holding Pattern 196 degrees at PSN 312116.90S 1511915.40E
OMDOG - Add Right Holding Pattern 114 degrees at PSN 331452.40S 1480457.70E
RUPEM - Add Left Holding Pattern -73 degrees at PSN 335322.12S 1493452.05E
RUPOG - Add Left Holding Pattern -149 degrees at PSN 303643.60S 1503818.90E
STUIE - Add Right Holding Pattern 200 degrees at PSN 333549.00S 1504635.00E

UKDUL - Add Right Holding Pattern 166 degrees at PSN 330119.40S 1503303.40E
AMD:
KADUV to IBODA at PSN 320135.57S 1451905.06E
BENBU at PSN 331148.0 S 1495854.00E
HILAR at PSN 313842.80S 1482909.50E
BOYSY at PSN 371809.20S 1454010.10E
AKPAL at PSN 322224.10S 1491046.70E
SNELY at PSN 383423.00S 1502217.00E
LOSPI at PSN 310817.70S 1480606.10E
TROFE at PSN 321608.60S 1490255.60E
Deleted:
POTAD at PSN 345233.00S 1504925.20E
ENDIS at PSN 344618.00S 1504446.80E
AGTIK at PSN 283242.00S 1182621.00E
BOKAT at PSN 281631.00S 1173242.00E
ELNUL at PSN 281854.00S 1174030.00E
ISGUN at PSN 282832.00S 1181222.00E
LAXIM at PSN 282341.00S 1175616.00E
LEBOD at PSN 280857.00S 1170805.00E
MEENA at PSN 283632.00S 1183916.00E
NUKTU at PSN 281410.00S 1172459.00E
SQARE at PSN 284031.00S 1185248.00E
MESIM - Remove Right Holding Pattern at PSN 315630.00S 1510948.00E
PKS - Remove Right Holding Pattern at PSN 330752.60S 1481414.30E
REVKI - Remove Right Holding Pattern at PSN 335418.90S 1495634.20E
SANAD - Remove Right Holding Pattern at PSN 312311.02S 1512444.59E
UXUTI at PSN 345700.22S 1503159.78E

4.4 ERCH 4

4.4.1 Route and route segments

AMD:	
T12 KAGMI to DAKPO	Q31 VEKBO to AVPAL
T12 DAKPO to OPEGA	Q38 UNVAX to SOVTO
L514 PALTI to OTGOM	Q38 SOVTO to DALWU
L514 OTGOM to TOPIR	Q73 WLU NDB to IGOKO
Q9 RULVI to ELGAT	Q73 IGOKO to NOMAV
Q9 ELGAT to AVPAL	Q181 TODIK to DUBUL
Q31 AVMAS to VEKBO	Q181 DUBUL to AVPAL

4.4.2 Waypoints

Added:
DAKPO at PSN 313427.15S 1135445.92E
MIGEP at PSN 311204.00S 1140753.00E
AVMEK at PSN 305837.00S 1141542.00E
GOPL0 at PSN 304604.00S 1142257.00E
BEKIG at PSN 315033.00S 1134516.00E
TUTRU at PSN 320452.00S 1133646.00E
OTGOM at PSN 282001.32S 1164127.57E
ELGAT at PSN 282708.32S 1170421.42E
VEKBO at PSN 283141.97S 1171910.11E
DUBUL at PSN 283346.15S 1172555.55E
SOVTO at PSN 283551.33S 1173245.64E
ASEBI at PSN 284143.18S 1175205.89E
LEDAB at PSN 284615.23S 1180710.81E
NURPA at PSN 284947.45S 1181901.57E
BEPKI at PSN 285318.91S 1183054.09E
IGOKO at PSN 285635.88S 1184201.69E

4.4.3 Waypoints

AMD:
ACOOOL to non REP at PSN 300000.00S 1100000.00E
BONGS to non REP at PSN 280000.00S 1100000.00E
BUIYA to non REP at PSN 260000.00S 1100000.00E
BYLLA to non REP at PSN 270000.00S 1100000.00E
CAMBS to non REP at PSN 250000.00S 1100000.00E
EBARR to non REP at PSN 310000.00S 1100000.00E
JOLLY to non REP at PSN 230000.00S 1100000.00E
SWAGY to non REP at PSN 240000.00S 1100000.00E
TREES to non REP at PSN 320000.00S 1100000.00E
UNDER to non REP at PSN 290000.00S 1100000.00E
WONSA to non REP at PSN 220000.00S 1100000.00E

4.4.4 Waypoints

Deleted:
AGTIK at PSN 283242.00S 1182621.00E
BOKAT at PSN 281631.00S 1173242.00E
ELNUL at PSN 281854.00S 1174030.00E
ISGUN at PSN 282832.00S 1181222.00E
LAXIM at PSN 282341.00S 1175616.00E
LEBOD at PSN 280857.00S 1170805.00E
MEENA at PSN 283632.00S 1183916.00E
NUKTU at PSN 281410.00S 1172459.00E
SQARE at PSN 284031.00S 1185248.00E

4.5 ERCH 5

4.5.1 Airspace

Added:
Grid LSALT to 2500FT in 1 degree grid 300000S 1670000E, 290000S 1680000E

AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
BRISBANE CTA C11 FL155-FL180

4.5.2 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YWSW) certified at PSN 335326.99S 1504305.56E

4.5.3 Nav aids

AMD:
LA TONTOUTA (LTO) VOR to PSN 220019.60S 1661242.00E

4.5.4 Special use airspace

Added:
R481 COLO at PSN 332756.17S 1503913.69E
Deleted:
R494 RICHMOND at PSN 333138.06S 1504431.45E

4.5.5 Waypoints

AMD:
MARLN at PSN 340205.00S 1520402.10E
Deleted:
UXUTI at PSN 345700.22S 1503159.78E

4.6 ERCL 1

4.6.1 AD/ALA/HLS

AMD:
QUEENSTOWN (YQNS) verified ALA at PSN 420431.66S 1453151.04E

4.6.2 Special use airspace

AMD:
D353 to D354 at PSN 375614.95S 1470342.85E

4.7 ERCL 2

4.7.1 Airspace

Added:
WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN 335307.60S 1504226.27E
SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E
SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E
SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E
SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E
BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E
WESTERN SYDNEY CTA D01 1000 - 1500ft at PSN 334636.85S 1505639.16E
WESTERN SYDNEY CTA D02 1500 - 2500ft at PSN 333821.59S 1510509.57E
WESTERN SYDNEY CTA D03 1500 - 2500ft at PSN 335756.53S 1504942.64E
WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S 1514040.71E
WILLIAMTOWN CTA E02 7500 - 8500ft at PSN 324843.46S 1513553.36E
BRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S 1514522.02E
BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E

BRISBANE EFREQUENCY 133.05B 8500 - FL180 at PSN 323825.09S 1500112.27E
BRISBANE EFREQUENCY 119.7 8500 - FL125 at PSN 330733.10S 1500253.78E
AMD:
Grid LSALT increased to 1900FT in 1 degree grid 350000S 1440000E, 340000S 1450000E
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
SYDNEY CONTROL ZONE (C) SFC - 1500ft to PSN 335745.15S 1510739.27E
BANKSTOWN CONTROL ZONE (D) SFC - 1500ft to PSN 335435.46S 1505815.94E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C01A 500 - 1000ft to PSN 335856.33S 1511646.16E
SYDNEY CTA C01B 500 - 1000ft to PSN 335117.53S 1511148.67E
SYDNEY CTA C02 1000 - 1500ft to PSN 335921.05S 1511543.65E
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
SYDNEY CTA C10 1500 - 4500ft to PSN 340232.83S 1504026.01E
EAST COAST CTA E1 8500 - FL125 to PSN 362659.56S 1463746.12E
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E

MELBOURNE EFREQUENCY 118.5 8500 - FL180 to PSN 333139.89S 1490719.76E
MELBOURNE EFREQUENCY 118.5A FL125 - FL245 to PSN 332438.50S 1481614.04E
MELBOURNE EFREQUENCY 123.9A1 FL180 - FL245 to PSN 321634.50S 1474039.58E
MELBOURNE EFREQUENCY 123.9D FL125 - FL180 to PSN 321634.51S 1474039.57E
MELBOURNE EFREQUENCY 125.0A 8500 - FL125 to PSN 344506.44S 1501557.82E
MELBOURNE EFREQUENCY 128.4 8500 - FL125 to PSN 343256.43S 1483812.51E
MELBOURNE EFREQUENCY 129.8 8500 - FL125 to PSN 342434.65S 1493113.74E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 121.2B SFC - BCTA to PSN 353245.69S 1511910.59E
MELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S 1490555.69E
MELBOURNE CENTRE 135.25 SFC - BCTA to PSN 333018.37S 1485302.20E
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E
Deleted:
SYDNEY CTA C03 1000 - 2500ft at PSN 335626.07S 1511758.58E
SYDNEY CTA C04A 1500 - 2500ft at PSN 335458.04S 1505915.69E
SYDNEY CTA C04B 1500 - 2500ft at PSN 340600.13S 1510328.69E
SYDNEY CTA C04C 1500 - 2500ft at PSN 341248.83S 1511806.12E
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
WILLIAMTOWN CTA E 6500 - 8500ft at PSN 324954.78S 1515146.28E
MELBOURNE EFREQUENCY 135.25A FL125 - FL180 at PSN 332438.50S 1481614.04E

SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E
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4.7.2 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E
WANDU (YWDU) verified ALA CTAF 126.15 at PSN 342351.46S 1472549.49E
AMD:
BORDERTOWN (YBOR) verified ALA at PSN 361618.00S 1404318.00E
FROGS HOLLOW (YFGS) verified ALA at PSN 364535.00S 1494816.00E
Deleted:
KANIVA (YKNV) at PSN 362212.90S 1411436.72E
CURRANDOOLEY (YCRD) at PSN 351103.66S 1492913.34E

4.7.3 ATS Communication Facility

Added:
SYDNEY/NANCY BIRD WALTON (YSWS) WALTON TWR 128.1 at PSN 335326.99S 1504305.56E

4.7.4 Nav aids

Added:
DME IWN 109.1/28X at PSN 335320.18S 1504154.19E

4.7.5 Route and route segments

Added:	
Q3 UPDAK to DUBSU	T22 RUTOS to STUIE
Q13 TEEVE to BTH NDB	T51 AVBEG to ISNOL
Q18 UPDAK to TONTO	Y82 ISNOL to ENVOL
Q202 BTH NDB to RUPEM	Z59 TUPMA to RUTOS
Q223 TONTO to GLB NDB	Z66 TUPMA to DUBSU
T2 UPDAK to TESAT	Z71 TUPMA to KADOM
Q28 UPDAK to TEEVE to PKS VOR	
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	

Q304 DUBSU to BENBU to SPLIZ to LASUD	
T49 ISBOV to OMLAV to ABASS to NWA NDB	
Y14 DU NDB to VIRUR to RUPEM	
Y35 KACEY to METUV to ENVOL	
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT	
Z36 AKMIR to GORPU to ISBUL to RUTOS to MAKOR	
Z43 RAKSO to NOLEM to ATRIR to TUPMA to STUIE	
Z88 MEPIL to ATIRU to OMOVU to BEROW to IRSAG to NIXOD to PILAK	
Z97 REVKI to GORPU to WELSH to DAMID to RAKSO to ESGID to PILAK	
AMD:	
G222 PKS VOR to IBODA	W137 CWR NDB to SPLIZ
Q155 DUUKE to RUTOS	W168 CWR to ANNKY
V180 DERRY to ANNKY	W368 KADOM to STUIE
V300 METUV to ANNKY	W460 STUIE to BTH NDB
V599 CWR NDB to ENVOL	W575 BTH NDB to SPLIZ
V665 STUIE to CAPER	W762 VEVOS to ANNKY
W40 ATGOD to ANNKY	W817 KEDDY to ANNKY
H44 KADOM to TEEVE to LIDLI	
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
H536 URKIX to ISBOV RTE terminates at new WPT ISBOV	
Q410 MONDO to AKTEG to RUTOS	
V138 DU NDB to RUPEM to ANNKY	
W10 EXETA to GLB NDB to AVBEG	
W113 HAPPI to ANNKY to AKMIR to UDODU to MITSA to ANKUB to AVMOV to KAMBA	
W122 CB VOR to IDROP to ANNKY	
W184 AVBEG to ENVOL to SPLIZ	
W604 BENBU to AKPOM to MUDGI	

W731 KADOM to UPTUP to EMVOM	
Z127 TUPMA to NIVOT to EKESU to DAGVA to LALIB	
Deleted:	
W138 PEGSU to GLB NDB	W339 BK NDB to KADOM
W755 LIDLI to METUV	W345 TONTO to GLB NDB
W440 AKMIR to RUPEM to PKS VOR	
H76 RIC NDB to RUTOS to LOKYA to EMSUR to AVBID to UPVEN	
V11 RIC NDB to ISMER to BK NDB	
V295 TESAT to SOFAL to DU NDB to ENPAG	
V316 TESAT to RUTOS to SCATZ to ANBAN	
W144 RIC TAC to RAKSO to TONTO to NWA NDB	
W430 RIC TAC to ANKUB to WOL NDB	
W652 WOL NDB to ODALE to DARGI	
W801 VIRUR to MEEGA to TOROB to AKMIR	
Y20 DARGI to ANPEN to GOMUB to NOLEM to BK NDB	

4.7.6 Special use airspace

Added:	
R407A at PSN 335117.53S 1511148.67E	
R407B at PSN 335002.47S 1511144.71E	
R479 at PSN 333525.63S 1504753.79E	
R480 at PSN 333055.83S 1504458.36E	
R481 at PSN 332756.17S 1503913.69E	
D594 at PSN 341318.00S 1504006.00E	
AMD:	
D353 to D354 at PSN 375614.95S 1470342.85E	
Deleted:	
R405A at PSN 334953.28S 1510858.78E	
R405B at PSN 335015.50S 1511418.71E	
R469 at PSN 332650.99S 1504005.42E	
R470 at PSN 333523.02S 1504800.35E	

R494 at PSN 333138.06S 1504431.45E
D539A at PSN 335007.05S 1510201.85E
D539B at PSN 334631.35S 1505831.03E
D552 at PSN 340518.31S 1503253.79E
D556A at PSN 335610.31S 1504936.44E
D556B at PSN 335430.93S 1503845.83E
D593A at PSN 341335.56S 1503933.09E
D593B at PSN 341239.84S 1504117.50E
D333 at PSN 363400.90S 1450828.97E

4.7.7 Sports aviation

Added:
MODEL ACFT symbol at PSN 353508.60S 1490350.70E
MODEL ACFT symbol at PSN 343956.00S 1384316.00E

4.7.8 Waypoints

Added:
TEEEVE at PSN 334346.70S 1495350.90E
STUIE at PSN 333549.00S 1504635.00E
RUSUM at PSN 332442.90S 1502619.90E
SHABY at PSN 330650.00S 1500447.20E
ISBOV at PSN 340454.60S 1512057.60E
UPDAK at PSN 335327.10S 1504305.60E
DUBSU at PSN 333532.00S 1502521.00E
UKDUL at PSN 330119.40S 1503303.40E
UNTAV at PSN 331738.10S 1505111.20E
ENVOL at PSN 335507.10S 1491311.20E
UDODU at PSN 341020.00S 1502700.60E
IDROP at PSN 345020.10S 1492851.20E
UPTUP at PSN 333118.70S 1500435.80E
GORPU at PSN 340132.00S 1500801.50E

ISBUL at PSN 334218.40S 1501123.80E
ATRIIR at PSN 334745.20S 1503916.70E
TUPMA at PSN 334317.20S 1503723.50E
ATIRU at PSN 332856.60S 1511031.70E
OMUVU at PSN 333150.80S 1510912.90E
IRSAG at PSN 334307.70S 1510242.40E
NIXOD at PSN 334518.50S 1510009.90E
PILAK at PSN 335542.00S 1505918.60E
DAMID at PSN 340654.70S 1502356.60E
ESGID at PSN 335526.30S 1504950.70E
NIVOT at PSN 332221.00S 1503222.00E
ANNKY - Add Right Holding Pattern 65 degrees at PSN 341401.60S 1494845.90E
METUV - Add Left Holding Pattern -58 degrees at PSN 341339.96S 1481443.94E
RUPEM - Add Left Holding Pattern -73 degrees at PSN 335322.12S 1493452.05E
STUIE - Add Right Holding Pattern 200 degrees at PSN 333549.00S 1504635.00E
UKDUL - Add Right Holding Pattern 166 degrees at PSN 330119.40S 1503303.40E
AMD:
BOYSY at PSN 371809.20S 1454010.10E
AKMIR - Amend Right Holding Pattern 65 degrees at PSN 341042.81S 1500624.31E
Deleted:
DARGI - Remove Left Holding Pattern at PSN 335518.00S 1502512.00E
MEEGA - Remove Right Holding Pattern at PSN 334358.14S 1493310.08E
PKS - Remove Right Holding Pattern at PSN 330752.60S 1481414.30E
REVKI - Remove Right Holding Pattern at PSN 335418.90S 1495634.20E
UXUTI at PSN 345700.22S 1503159.78E

4.8 ERCL 2 Inset

4.8.1 Special use airspace

AMD:

D353 to D354 at PSN 375614.95S 1470342.85E

4.9 ERCL 3

4.9.1 Maintenance

Added:

WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN 335307.60S 1504226.27E

SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E

SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E

SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E

SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E

BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E

WESTERN SYDNEY CTA D01 1000 - 1500ft at PSN 334636.85S 1505639.16E

WESTERN SYDNEY CTA D02 1500 - 2500ft at PSN 333821.59S 1510509.57E

WESTERN SYDNEY CTA D03 1500 - 2500ft at PSN 335756.53S 1504942.64E

WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S 1514040.71E

WILLIAMTOWN CTA E02 7500 - 8500ft at PSN 324843.46S 1513553.36E

BRISBANE EFREQUENCY 128.6E 6500 - 8500ft at PSN 330446.89S 1521738.06E

BRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S 1514522.02E

BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E

BRISBANE EFREQUENCY 133.05B 8500 - FL180 at PSN 323825.09S 1500112.27E

BRISBANE EFREQUENCY 119.7 8500 - FL125 at PSN 330733.10S 1500253.78E	
BALLINA CONTROL ZONE (D) SFC-1500ft	
BALLINA CTA D1 1500-2500ft	BALLINA CTA C1 4500-6500ft
BALLINA CTA D2 2500-3500ft	BALLINA CTA C2 6500-FL125
BALLINA CTA D3 3500-4500ft	
AMD:	
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E	
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E	
SYDNEY CONTROL ZONE (C) SFC - 1500ft to PSN 335745.15S 1510739.27E	
BANKSTOWN CONTROL ZONE (D) SFC - 1500ft to PSN 335435.46S 1505815.94E	
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E	
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E	
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E	
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E	
SYDNEY CTA C01A 500 - 1000ft to PSN 335856.33S 1511646.16E	
SYDNEY CTA C01B 500 - 1000ft to PSN 335117.53S 1511148.67E	
SYDNEY CTA C02 1000 - 1500ft to PSN 335921.05S 1511543.65E	
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E	
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E	
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E	
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E	
SYDNEY CTA C10 1500 - 4500ft to PSN 340232.83S 1504026.01E	
EAST COAST CTA E1 8500 - FL125 to PSN 362659.56S 1463746.12E	
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E	
BRISBANE EFREQUENCY 123.4A 8500 - FL180 to PSN 323838.01S 1505908.49E	

BRISBANE EFREQUENCY 124.8A FL125 - FL245 to PSN 314939.89S 1504019.54E
BRISBANE EFREQUENCY 124.8D 8500 - FL180 to PSN 320358.41S 1510034.52E
BRISBANE EFREQUENCY 127.1 FL125 - FL245 to PSN 301402.53S 1492459.05E
BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E
BRISBANE EFREQUENCY 133.05C FL125 - FL245 to PSN 321738.43S 1494853.26E
MELBOURNE EFREQUENCY 118.5 8500 - FL180 to PSN 333139.89S 1490719.76E
MELBOURNE EFREQUENCY 118.5A FL125 - FL245 to PSN 332438.50S 1481614.04E
MELBOURNE EFREQUENCY 123.9A1 FL180 - FL245 to PSN 321634.50S 1474039.58E
MELBOURNE EFREQUENCY 123.9D FL125 - FL180 to PSN 321634.51S 1474039.57E
MELBOURNE EFREQUENCY 125.0A 8500 - FL125 to PSN 344506.44S 1501557.82E
MELBOURNE EFREQUENCY 128.4 8500 - FL125 to PSN 343256.43S 1483812.51E
MELBOURNE EFREQUENCY 129.8 8500 - FL125 to PSN 342434.65S 1493113.74E
BRISBANE CENTRE 124.8A SFC - BCTA to PSN 315414.81S 1505707.22E
BRISBANE CENTRE 125.7A SFC - BCTA to PSN 325142.55S 1513209.14E
BRISBANE CENTRE 127.1 SFC - BCTA to PSN 301445.77S 1492606.94E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 121.2B SFC - BCTA to PSN 353245.69S 1511910.59E

MELBOURNE CENTRE 123.9 SFC - BCTA to PSN 320930.43S 1474434.27E	
MELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S 1490555.69E	
MELBOURNE CENTRE 135.25 SFC - BCTA to PSN 333018.37S 1485302.20E	
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E	
BRISBANE CTA C06 4500-6500ft	BRISBANE CTA C09 8500-FL125
BRISBANE CTA C07 6500-7500ft	BRISBANE CTA C10 FL125-FL155
BRISBANE CTA C08 7500-8500ft	BRISBANE CTA C11 FL155-FL180
BRISBANE EFREQUENCY 134.2 8500-FL125	
BRISBANE EFREQUENCY 134.2A FL125-FL180	
Deleted:	
SYDNEY CTA C03 1000 - 2500ft at PSN 335626.07S 1511758.58E	
SYDNEY CTA C04A 1500 - 2500ft at PSN 335458.04S 1505915.69E	
SYDNEY CTA C04B 1500 - 2500ft at PSN 340600.13S 1510328.69E	
SYDNEY CTA C04C 1500 - 2500ft at PSN 341248.83S 1511806.12E	
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E	
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E	
WILLIAMTOWN CTA E 6500 - 8500ft at PSN 324954.78S 1515146.28E	
MELBOURNE EFREQUENCY 135.25A FL125 - FL180 at PSN 332438.50S 1481614.04E	
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E	
BALLINA/BYRON MANDATORY BROADCAST AREA 124.2 at PSN 285122.49S 1533429.34E	

4.9.2 AD/ALA/HLS

Added:
EUCHAREENA (YEUC) verified ALA at PSN 325545.00S 1490619.00E
WOODVALE (YWO) verified ALA at PSN 301427.00S 1490836.00E
OAKVILLE (YOAK) verified ALA at PSN 301545.00S 1494610.00E
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E

TARNUK (YTRU) verified ALA at PSN 320248.00S 1502506.00E
BOOMEY (YMEY) verified ALA at PSN 325957.05S 1485942.48E
WANDU (YWDU) verified ALA CTAF 126.15 at PSN 342351.46S 1472549.49E
AMD:
DIRRANBANDI (YDBI) to PSN 283518.20S 1481303.12E
NOOSA (YNSH) verified ALA at PSN 262524.00S 1530348.00E
TOORAWEEAH (YTWN) verified ALA at PSN 312630.00S 1485400.00E

4.9.3 ATS Communication Facility

Added:
YBNA TOWER/ATIS/APPROACH FREQUENCIES at PSN 285001.60S 1533344.77E
SYDNEY/NANCY BIRD WALTON (YSWS) WALTON TWR 128.1 at PSN 335326.99S 1504305.56E

4.9.4 CTAF

Added:
BROOKLET-BLUEBERRY FIELDS (YBBF) 124.2 at PSN 284423.00S 1532914.00E
ALSTONVILLE SOUTH (YAVS) 124.2 at PSN 285254.70S 1532606.20E

4.9.5 Nav aids

Deleted:
NDB BK at PSN 335541.98S 1505918.62E

4.9.6 Route and route segment

Added:	
Q3 UPDAK to DUBSU	Q601 ADMOD to BOSUN
Q6 SANEG to POSUT	T2 UPDAK to TESAT
Q13 TEEVE to BTH NDB	T14 MUDGI to AGVUB
Q18 UPDAK to TONTO	T22 RUTOS to STUIE
Q202 BTH NDB to RUPEM	T51 AVBEG to ISNOL
Q223 TONTO to GLB NDB	Y82 ISNOL to ENVOL

Z59 TUPMA to RUTOS	Z202 EKESU to AGVUB
Z66 TUPMA to DUBSU	Z214 AGVUB to MONDO
Z71 TUPMA to KADOM	Z400 DAGVA to ELKAB
Q28 UPDAK to TEEVE to PKS VOR	
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Q304 DUBSU to BENBU to SPLIZ to LASUD	
T49 ISBOV to OMLAV to ABASS to NWA NDB	
Y14 DU NDB to VIRUR to RUPEM	
Y35 KACEY to METUV to ENVOL	
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT	
Z36 AKMIR to GORPU to ISBUL to RUTOS to MAKOR	
Z43 RAKSO to NOLEM to ATRIR to TUPMA to STUIE	
Z88 MEPIL to ATIRU to OMOVU to BEROW to IRSAG to NIXOD to PILAK	
Z97 REVKI to GORPU to WELSH to DAMID to RAKSO to ESGID to PILAK	
Z190 ALDAR to ADMAR to OLTIN	
Z233 SORTI to INOKE to ELKAB	
Z321 TW VOR to BIARO to NBR NDB	
Z511 NBR NDB to OLRON to TW VOR	
V423 NICLA to IVPOL to CFS VOR	
W656 CFS VOR to ATMUT to SORTI	
Y130 - OLRIP to IDBAB to UPSEL to BNA NDB	
Q209 - IDNER to PEDGO to CLIFF	
H133 - VERES to AGRAB to TAXIV to UPSEL	
W412 - GOMOL to WAHAN to IPNOS to BNA NDB	
V400 - BNA NDB to BUVAM to CFS VOR	
AMD:	
G222 PKS VOR to IBODA	V300 METUV to ANNKY
V180 DERRY to ANNKY	V599 CWR NDB to ENVOL

V665 STUIE to CAPER	W762 VEVOS to ANNKY
W40 ATGOD to ANNKY	W817 KEDDY to ANNKY
W137 CWR NDB to SPLIZ	H652 MK VOR to TIABB
W168 CWR to ANNKY	H98 - IDNER to VIMEG
W368 KADOM to STUIE	H98 - VIMEG to SANAD
W460 STUIE to BTH NDB	V652 - CFS VOR to TAXIV
W575 BTH NDB to SPLIZ	V652 - TAXIV to GFN NDB
H44 KADOM to TEEVE to LIDLI	
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN	
H201 OLTIN to KARDI to MONDO	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
H536 URKIX to ISBOV RTE terminates at new WPT ISBOV	
H652 IDOGI to TIABB RTE terminates at new WPT TIABB and AMD from H to B	
Q410 MONDO to AKTEG to RUTOS	
V138 DU NDB to RUPEM to ANNKY	
W10 EXETA to GLB NDB to AVBEG	
W113 HAPPI to ANNKY to AKMIR to UDODU to MITSA to ANKUB to AVMOV to KAMBA	
W122 CB VOR to IDROP to ANNKY	
W184 AVBEG to ENVOL to SPLIZ	
W411 MASMI to POSUT to TW VOR	
W542 MOR NDB to OVNOM to TW VOR	
W604 BENBU to AKPOM to MUDGI	
W731 KADOM to UPTUP to EMVOM	
Z105 ELKAB to UBLOM to EKIBI	
Z127 TUPMA to NIVOT to EKESU to DAGVA to LALIB	
Deleted:	
W138 PEGSU to GLB NDB	W339 BK NDB to KADOM
W755 LIDLI to METUV	W345 TONTO to GLB NDB
V258 TW VOR to BIARO to NBR NDB	
V417 NBR NDB to OLRON to TW VOR	

W440 AKMIR to RUPEM to PKS VOR
H76 RIC NDB to RUTOS to LOKYA to EMSUR to AVBID to UPVEN
V11 RIC NDB to ISMER to BK NDB
V295 TESAT to SOFAL to DU NDB to ENPAG
V316 TESAT to RUTOS to SCATZ to ANBAN
W144 RIC TAC to RAKSO to TONTO to NWA NDB
W430 RIC TAC to ANKUB to WOL NDB
W652 WOL NDB to ODALE to DARGI
W801 VIRUR to MEEGA to TOROB to AKMIR
Y20 DARGI to ANPEN to GOMUB to NOLEM to BK NDB

4.9.7 Special use airspace

Added:
R407A at PSN 335117.53S 1511148.67E
R407B at PSN 335002.47S 1511144.71E
R479 at PSN 333525.63S 1504753.79E
R480 at PSN 333055.83S 1504458.36E
R481 at PSN 332756.17S 1503913.69E
D594 at PSN 341318.00S 1504006.00E
Deleted:
R405A at PSN 334953.28S 1510858.78E
R405B at PSN 335015.50S 1511418.71E
R469 at PSN 332650.99S 1504005.42E
R470 at PSN 333523.02S 1504800.35E
R494 at PSN 333138.06S 1504431.45E
D539A at PSN 335007.05S 1510201.85E
D539B at PSN 334631.35S 1505831.03E
D552 at PSN 340518.31S 1503253.79E
D556A at PSN 335610.31S 1504936.44E
D556B at PSN 335430.93S 1503845.83E
D593A at PSN 341335.56S 1503933.09E
D593B at PSN 341239.84S 1504117.50E

4.9.8 Sports aviation

Added:
MODEL ACFT symbol at PSN 273557.00S 1522607.00E
MODEL ACFT symbol at PSN 285252.70S 1530338.60E

4.9.9 Waypoints

Added:
TEEVE at PSN 334346.70S 1495350.90E
SPLIZ at PSN 324325.10S 1492651.00E
LIPDI at PSN 320636.50S 1495818.80E
KARDI at PSN 324634.00S 1511443.70E
STUIE at PSN 333549.00S 1504635.00E
RUSUM at PSN 332442.90S 1502619.90E
SHABY at PSN 330650.00S 1500447.20E
ISBOV at PSN 340454.60S 1512057.60E
TIABB at PSN 311043.20S 1503351.60E
UPDAK at PSN 335327.10S 1504305.60E
DUBSU at PSN 333532.00S 1502521.00E
LATAB at PSN 313530.60S 1502955.80E
DAGVA at PSN 322904.50S 1503152.20E
UKDUL at PSN 330119.40S 1503303.40E
UNTAV at PSN 331738.10S 1505111.20E
POSUT at PSN 300639.50S 1512533.00E
ADMOD at PSN 315030.00S 1510115.00E
AGVUB at PSN 325018.10S 1495535.60E
ANNKY at PSN 341401.60S 1494845.90E
ENVOL at PSN 335507.10S 1491311.20E
UDODU at PSN 341020.00S 1502700.60E
AKPOM at PSN 324807.30S 1494026.70E
UPTUP at PSN 333118.70S 1500435.80E
IVTON at PSN 323219.00S 1510155.30E
DABOG at PSN 324653.10S 1510210.20E

GORPU at PSN 340132.00S 1500801.50E
ISBUL at PSN 334218.40S 1501123.80E
ATRIR at PSN 334745.20S 1503916.70E
TUPMA at PSN 334317.20S 1503723.50E
ATIRU at PSN 332856.60S 1511031.70E
OMUVU at PSN 333150.80S 1510912.90E
IRSAG at PSN 334307.70S 1510242.40E
NIXOD at PSN 334518.50S 1510009.90E
PILAK at PSN 335542.00S 1505918.60E
DAMID at PSN 340654.70S 1502356.60E
ESGID at PSN 335526.30S 1504950.70E
NIVOT at PSN 332221.00S 1503222.00E
EKESU at PSN 330135.00S 1501911.00E
IRPIR at PSN 320848.40S 1510131.40E
NIXIM at PSN 295426.40S 1502041.20E
RUPOG at PSN 303643.60S 1503818.90E
UPSEL at PSN 293314.00S 1525543.00E
PEDGO at PSN 285428.00S 1525106.00E
TAXIV at PSN 300218.70S 1530425.80E
WAHAN at PSN 283155.00S 1533402.00E
IPNOS at PSN 283955.00S 1533456.00E
BUVAM at PSN 290932.00S 1533407.00E
VIMEG at PSN 293553.50S 1523511.80E
IVPOL at PSN 305418.09S 1524455.15E
ATMUT at PSN 305154.93S 1524030.73E
ADMOD - Add Right Holding Pattern 168 degrees at PSN 315030.00S 1510115.00E
ANNKY - Add Right Holding Pattern 65 degrees at PSN 341401.60S 1494845.90E
DABOG - Add Left Holding Pattern -167 degrees at PSN 324653.10S 1510210.20E

IDOGI - Add Left Holding Pattern -154 degrees at PSN 305035.12S 1502740.10E
KARDI - Add Right Holding pattern 171 degrees at PSN 324634.00S 1511443.70E
METUV - Add Left Holding Pattern -58 degrees at PSN 341339.96S 1481443.94E
RUPEM - Add Left Holding Pattern -73 degrees at PSN 335322.12S 1493452.05E
RUPOG - Add Left Holding Pattern -149 degrees at PSN 303643.60S 1503818.90E
STUIE - Add Right Holding Pattern 200 degrees at PSN 333549.00S 1504635.00E
UKDUL - Add Right Holding Pattern 166 degrees at PSN 330119.40S 1503303.40E
AMD:
BENBU at PSN 331148.0 S 1495854.00E
TOOKI at PSN 331603.40S 513348.70E
SOFAL at PSN 330006.00S 1494624.00E
HILAR at PSN 313842.80S 1482909.50E
BOYSY at PSN 371809.20S 1454010.10E
AKMIR - Amend Right Holding Pattern 65 degrees at PSN 341042.81S 1500624.31E
Deleted:
DARGI - Remove Left Holding Pattern at PSN 335518.00S 1502512.00E
MEEGA - Remove Right Holding Pattern at PSN 334358.14S 1493310.08E
PKS - Remove Right Holding Pattern at PSN 330752.60S 1481414.30E
REVKI - Remove Right Holding Pattern at PSN 335418.90S 1495634.20E
SANAD - Remove Right Holding Pattern at PSN 312311.02S 1512444.59E

4.10 ERCL 4

4.10.1 Airspace

Added:
BALLINA CTA D3 3500-4500ft
BALLINA CTA C1 4500-6500ft
BALLINA CTA C2 6500-FL125
AMD:
BRISBANE CTA C06 4500-6500ft
BRISBANE CTA C09 8500-FL125
BRISBANE EFREQUENCY 134.2 8500-FL125
BRISBANE EFREQUENCY 134.2A FL125-FL180
Deleted:
BALLINA/BYRON MANDATORY BROADCAST AREA 124.2 at PSN 285122.49S 1533429.34E

4.10.2 AD/ALA/HLS

Added:
WOODVALE (YWO0) verified ALA at PSN 301427.00S 1490836.00E
OAKVILLE (YOAK) verified ALA at PSN 301545.00S 1494610.00E
AMD:
DIRRANBANDI (YDBI) to PSN 283518.20S 1481303.12E
IFFLEY (YIFY) verified ALA at PSN 185400.00S 1411300.00E
ILFRACOMBE (YILF) verified ALA at PSN 232818.24S 1443202.52E
NOOSA (YNSH) verified ALA at PSN 262524.00S 1530348.00E
SPRING CREEK (YSPK) verified ALA at PSN 183718.00S 1443406.00E
THYLUNGRA (YTHY) verified ALA at PSN 260535.81S 1432708.99E
TOORAWEEAH (YTWN) verified ALA at PSN 312630.00S 1485400.00E
UNDARA (YUDA) verified ALA at PSN 181130.00S 1443648.00E

4.10.3 Route and route segment

Added:
Q6 SANEG to POSUT
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT
Z321 TW VOR to BIARO to NBR NDB
Z511 NBR NDB to OLRON to TW VOR
Q209 - IDNER to PEDGO to CLIFF
W412 - GOMOL to WAHAN to IPNOS to BNA NDB
AMD:
W411 MASMI to POSUT to TW VOR
W542 MOR NDB to OVNOM to TW VOR
H652 MK VOR to TIABB
H98 - IDNER to VIMEG
Deleted:
V258 TW VOR to BIARO to NBR NDB
V417 NBR NDB to OLRON to TW VOR
V295 TESAT to SOFAL to DU NDB to ENPAG
V316 TESAT to RUTOS to SCATZ to ANBAN

4.10.4 Sports aviation

Added:
PARACHUTE symbol at PSN 175344.00S 1460554.00E
MODEL ACFT symbol at PSN 285252.70S 1530338.60E

4.10.5 Waypoints

Added:
POSUT at PSN 300639.50S 1512533.00E
NIXIM at PSN 295426.40S 1502041.20E
RUPOG at PSN 303643.60S 1503818.90E
PEDGO at PSN 285428.00S 1525106.00E
WAHAN at PSN 283155.00S 1533402.00E

AMD:

HILAR at PSN 313842.80S 1482909.50E

4.11 ERCL 4 Inset

4.11.1 Airspace

Added:

WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S
1514040.71E

4.12 ERCL 5

4.12.1 Airspace

Added:

SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E

BRISBANE EFREQUENCY 133.05B 8500 - FL180 at PSN 323825.09S
1500112.27E

BRISBANE EFREQUENCY 119.7 8500 - FL125 at PSN 330733.10S
1500253.78E

AMD:

Grid LSALT increased to 1900FT in 1 degree grid 350000S 1440000E,
340000S 1450000E

BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E

MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E

BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S
1495249.92E

BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S
1433718.30E

MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S
1464237.04E

MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S
1031201.63E

SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S
1474128.36E

SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
EAST COAST CTA E1 8500 - FL125 to PSN 362659.56S 1463746.12E
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE EFREQUENCY 133.05C FL125 - FL245 to PSN 321738.43S 1494853.26E
MELBOURNE EFREQUENCY 118.5 8500 - FL180 to PSN 333139.89S 1490719.76E
MELBOURNE EFREQUENCY 118.5A FL125 - FL245 to PSN 332438.50S 1481614.04E
MELBOURNE EFREQUENCY 123.9A1 FL180 - FL245 to PSN 321634.50S 1474039.58E
MELBOURNE EFREQUENCY 123.9D FL125 - FL180 to PSN 321634.51S 1474039.57E
MELBOURNE EFREQUENCY 128.4 8500 - FL125 to PSN 343256.43S 1483812.51E
MELBOURNE EFREQUENCY 129.8 8500 - FL125 to PSN 342434.65S 1493113.74E
BRISBANE CENTRE 127.1 SFC - BCTA to PSN 301445.77S 1492606.94E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 123.9 SFC - BCTA to PSN 320930.43S 1474434.27E
MELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S 1490555.69E
MELBOURNE CENTRE 135.25 SFC - BCTA to PSN 333018.37S 1485302.20E
Deleted:
MELBOURNE EFREQUENCY 135.25A FL125 - FL180 at PSN 332438.50S 1481614.04E

4.12.2 AD/ALA/HLS

Added:
BOOMEY (YMEY) verified ALA at PSN 325957.05S 1485942.48E
WANDU (YWDU) verified ALA CTAF 126.15 at PSN 342351.46S 1472549.49E

4.12.3 CTAF

AMD:
MUNGERANIE (YMUG) BA CTAF 127.8 at PSN 280033.07S 1383925.15E

4.12.4 Route and route segment

Added:	
Q13 TEEVE to BTH NDB	T51 AVBEG to ISNOL
Q202 BTH NDB to RUPEM	Y82 ISNOL to ENVOL
T14 MUDGI to AGVUB	
Q28 UPDAK to TEEVE to PKS VOR	
Q304 DUBSU to BENBU to SPLIZ to LASUD	
Y14 DU NDB to VIRUR to RUPEM	
Y35 KACEY to METUV to ENVOL	
Z36 AKMIR to GORPU to ISBUL to RUTOS to MAKOR	
Z97 REVKI to GORPU to WELSH to DAMID to RAKSO to ESGID to PILAK	
AMD:	
G222 PKS VOR to IBODA	W137 CWR NDB to SPLIZ
G222 IBODA to VAGPO	W168 CWR to ANNKY
V180 DERRY to ANNKY	W460 STUIE to BTH NDB
V300 METUV to ANNKY	W575 BTH NDB to SPLIZ
V599 CWR NDB to ENVOL	W762 VEVOS to ANNKY
W40 ATGOD to ANNKY	W817 KEDDY to ANNKY
H44 KADOM to TEEVE to LIDLI	
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
V138 DU NDB to RUPEM to ANNKY	

W113 HAPPI to ANNKY to AKMIR to UDODU to MITSA to ANKUB to AVMOV to KAMBA
W122 CB VOR to IDROP to ANNKY
W184 AVBEG to ENVOL to SPLIZ
W604 BENBU to AKPOM to MUDGI
W731 KADOM to UPTUP to EMVOM
Deleted:
W440 AKMIR to RUPEM to PKS VOR
W755 LIDLI to METUV
V295 TESAT to SOFAL to DU NDB to ENPAG
V316 TESAT to RUTOS to SCATZ to ANBAN
W801 VIRUR to MEEGA to TOROB to AKMIR

4.12.5 Waypoints

Added:
TEEVE at PSN 334346.70S 1495350.90E
SPLIZ at PSN 324325.10S 1492651.00E
ANNKY at PSN 341401.60S 1494845.90E
ENVOL at PSN 335507.10S 1491311.20E
AKPOM at PSN 324807.30S 1494026.70E
UPTUP at PSN 333118.70S 1500435.80E
ANNKY - Add Right Holding Pattern 65 degrees at PSN 341401.60S 1494845.90E
METUV - Add Left Holding Pattern -58 degrees at PSN 341339.96S 1481443.94E
RUPEM - Add Left Holding Pattern -73 degrees at PSN 335322.12S 1493452.05E
AMD:
KADUV to IBODA at PSN 320135.57S 1451905.06E
BENBU at PSN 331148.0 S 1495854.00E
SOFAL at PSN 330006.00S 1494624.00E
HILAR at PSN 313842.80S 1482909.50E
AKMIR - Amend Right Holding Pattern 65 degrees at PSN 341042.81S 1500624.31E

Deleted:

PKS - Remove Right Holding Pattern at PSN 330752.60S 1481414.30E

4.13 ERCL 6**4.13.1 Airspace****Added:**

GRID LSALT 1500FT in 1 degree grid 130000S 1240000E, 120000S 1250000E at PSN 123000S 1243000E

AMD:

GRID LSALT 1600FT IN 1 DEG GRID BOUNDING 100000S 1300000E, 090000S 1310000E at PSN 093000.00S 1303000.00E

4.13.2 AD/ALA/HLS**AMD:**

EVA VALLEY (YEVV) verified ALA to PSN 141557.56S 1324950.95E

DALY WATERS (YDLW) verified ALA to PSN 161542.00S 1332250.00E

BATCHELOR (YBCR) verified ALA to PSN 130313.14S 1310135.16E

RESEARCH STATION to MIDDLE POINT (YCPX) verified ALA at PSN 123508.42S 1311831.84E

IFFLEY (YIFY) verified ALA at PSN 185400.00S 1411300.00E

KILLARNEY (YKLE) verified ALA at PSN 161501.00S 1314449.00E

LAWN HILL (YLAH) verified ALA at PSN 183435.00S 1383505.00E

LIZARD ISLAND (YLZI) verified ALA at PSN 144022.44S 1452715.24E

SPRING CREEK (YSPK) verified ALA at PSN 183718.00S 1443406.00E

UNDARA (YUDA) verified ALA at PSN 181130.00S 1443648.00E

BUKADAL (YBKL) verified ALA at PSN 125738.40S 1363601.80E

BREMER ISLAND (YBRE) verified ALA at PSN 120510.80S 1364825.20E

BUYMARR (YBYM) verified ALA at PSN 124136.00S 1363803.00E

MIRRNGATJA (YMGJ) verified ALA at PSN 123800.00S 1351200.00E

RIVERSLEIGH (YRLH) verified ALA at PSN 190200.00S 1384400.00E

RURRANGALA (YRUL) verified ALA at PSN 125505.40S 1361510.80E

TRIAL BAY (YTIY) verified ALA at PSN 125839.00S 1363012.00E
WULWUWUY (YWUL) verified ALA at PSN 125400.00S 1362124.00E
Deleted:
ARGYLE (YARG) at PSN 163812.62S 1282704.82E

4.13.3 Nav aids

Deleted:
VOR/DME ARG at PSN 163754.09S 1282655.52E

4.13.4 Route and route segment

AMD:
J72 KU VOR to NONOK
W404 NONOK to SUNIL

4.13.5 Special use airspace

Added:
R276A at PSN 125404.14S 1303751.36E
R276B at PSN 131904.32S 1302246.03E
M277A at PSN 122540.32S 1302057.74E
M277B at PSN 122517.39S 1295141.64E
M277E at PSN 124312.82S 1302622.53E
M277F at PSN 125851.77S 1300138.44E
M278A at PSN 115423.80S 1310457.20E
M278B at PSN 112658.81S 1311347.98E
M278E at PSN 120655.80S 1312140.85E
M278F at PSN 115015.26S 1314528.60E
AMD:
R262B to R276C at PSN 135244.41S 1300221.08E
R262C to R276D at PSN 143127.68S 1293843.57E
M263C to M277C at PSN 122504.35S 1291216.17E
M263D to M277D at PSN 122442.84S 1282650.28E
M263F to M277G at PSN 131947.02S 1292823.65E
M263G to M277H at PSN 134349.80S 1284955.07E
M240B to M278C at PSN 105015.40S 1312536.14E
M240C to M278D at PSN 101805.93S 1313553.76E

M240E to M278G at PSN 112746.88S 1321723.66E
M240F to M278H at PSN 110804.68S 1324514.44E
Deleted:
R262A at PSN 131441.35S 1302524.99E
M263A at PSN 122535.56S 1301801.96E
M263B at PSN 122516.59S 1294946.41E
M263E at PSN 125613.13S 1300549.63E
M240A at PSN 113131.11S 1311220.25E
M240D at PSN 115307.50S 1314123.24E

4.13.6 Sports aviation

Added:
PARACHUTE symbol at PSN 175344.00S 1460554.00E

4.13.7 Waypoints

Added:
NONOK at PSN 163754.09S 1282655.52E

4.14 ERCL 7

4.14.1 AD/ALA/HLS

AMD:
MUNGERANIE (YMUG) verified ALA at PSN 280033.07S 1383925.15E
AMATA (YAMT) verified ALA at PSN 260550.28S 1311209.66E
DOCKER RIVER (YDVR) verified ALA at PSN 245130.00S 1290724.00E
HAWKER (YHAW) verified ALA at PSN 315116.74S 1382805.64E
HERMANNSBURG (YHMB) verified ALA at PSN 235540.45S 1324845.10E
KINGS CREEK STN (YKCS) verified ALA at PSN 242512.79S 1314907.98E
MEREENIE (YMEI) verified ALA at PSN 235836.00S 1313342.00E
PAPUNYA (YPAY) verified ALA at PSN 231427.54S 1315425.02E
QUORN (YQRN) verified ALA at PSN 321912.00S 1380606.00E
NAPPERBY (YNPB) verified ALA at PSN 223159.00S 1324547.00E

4.14.2CTAF

AMD:

MUNGERANIE (YMUG) BA CTAF 127.8 at PSN 280033.07S
1383925.15E

4.14.3 Special use airspace

Added:

R222K at PSN 281943.23S 1275610.96E

R222L at PSN 273658.12S 1251626.10E

4.14.4 Sports aviation

Added:

MODEL ACFT symbol at PSN 343956.00S 1384316.00E

4.15 ERCL 7 Inset

4.15.1 Nil changes

4.16 ERCL 8

4.16.1 AD/ALA/HLS

Added:

BROOKLANDS (YBLD) verified ALA at PSN 314924.00S 1164754.00E

AMD:

BALLIDU (YBIU) verified ALA at PSN 303536.00S 1164648.00E

GOOMALLING (YGOM) verified ALA at PSN 312200.00S 1165300.00E

KOJONUP (YKOJ) verified ALA at PSN 334501.20S 1170809.00E

4.16.2 Route and route segment

AMD:

L514 PALTI to OTGOM

L514 OTGOM to TOPIR

4.16.3 Special use airspace

Added:

D101 at PSN 313933.25S 1163643.67E

R222K at PSN 281943.23S 1275610.96E

R222L at PSN 273658.12S 1251626.10E
D157 at PSN 203956.20S 1164537.70E
Deleted:
D154 at PSN 204018.00S 1164506.00E

4.16.4 Waypoints

Added:
OTGOM at PSN 282001.32S 1164127.57E
MAMEG at PSN 292528.03S 1245953.76E
UPSOG at PSN 300357.42S 1242545.60E

4.17 TAC Adelaide

4.17.1 Sports aviation

Added:
MODEL ACFT symbol at PSN 343956.00S 1384316.00E

4.18 TAC Alice Springs

4.18.1 Nil changes

4.19 TAC Brisbane

4.19.1 Airspace

Added:	
BALLINA CONTROL ZONE (D) SFC-1500ft	
BALLINA CTA D1 1500-2500ft	
BALLINA CTA D2 2500-3500ft	
BALLINA CTA D3 3500-4500ft	
AMD:	
BRISBANE CTA C06 4500-6500ft	BRISBANE CTA C08 7500-8500ft
BRISBANE CTA C07 6500-7500ft	BRISBANE CTA C09 8500-FL125
BRISBANE EFREQUENCY 134.2 8500-FL125	

BRISBANE EFREQUENCY 134.2A FL125-FL180
BRISBANE EFREQUENCY 127.1 FL125 - FL245 to PSN 301402.53S 1492459.05E
Deleted:
BALLINA/BYRON MANDATORY BROADCAST AREA 124.2 at PSN 285122.49S 1533429.34E

4.19.2 AD/ALA/HLS

AMD:
NOOSA (YNSH) verified ALA at PSN 262524.00S 1530348.00E

4.19.3 ATS Communication Facility

Added:
YBNA TOWER/ATIS/APPROACH FREQUENCIES at PSN 285001.60S 1533344.77E

4.19.4 CTAF

Added:
BROOKLET-BLUEBERRY FIELDS (YBBF) 124.2 at PSN 284423.00S 1532914.00E
ALSTONVILLE SOUTH (YAVS) 124.2 at PSN 285254.70S 1532606.20E

4.19.5 Route and route segment

Added:	
Q69 MAKRU to IGBUS	Q6 SANEG to POSUT
Q69 IGBUS to RULUN	Q218 - PEDGO to ISKIM
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Y130 - OLRIP to IDBAB to UPSEL to BNA NDB	
Q209 - IDNER to PEDGO to CLIFF	
W412 - GOMOL to WAHAN to IPNOS to BNA NDB	
V400 - BNA NDB to BUVAM to CFS VOR	
AMD:	
Y54 OVREX to BERNI	H98 - IDNER to VIMEG
Y43 VESOK to BERNI	Y54 - VIMEG to BERNI

Deleted:

Q69 MAKRU to RULUN

Y193 - BANDA to BNA NDB

4.19.6 Sports aviation

Added:

MODEL ACFT symbol at PSN 273557.00S 1522607.00E

MODEL ACFT symbol at PSN 285252.70S 1530338.60E

4.19.7 Waypoints

Added:

IGBUS at PSN 271411.53S 1532940.26E

PEDGO at PSN 285428.00S 1525106.00E

WAHAN at PSN 283155.00S 1533402.00E

IPNOS at PSN 283955.00S 1533456.00E

BUVAM at PSN 290932.00S 1533407.00E

4.20 TAC Broome

4.20.1 Nil changes

4.21 TAC Cairns/Townsville

4.21.1 AD/ALA/HLS

AMD:

SPRING CREEK (YSPK) verified ALA at PSN 183718.00S 1443406.00E

UNDARA (YUDA) verified ALA at PSN 181130.00S 1443648.00E

4.21.2 Airspace

Added:

PARACHUTE symbol at PSN 175344.00S 1460554.00E

4.22 TAC Canberra/Sydney

4.22.1 Airspace

Added:
WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN 335307.60S 1504226.27E
SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E
SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E
SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E
SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E
BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E
WESTERN SYDNEY CTA D01 1000 - 1500ft at PSN 334636.85S 1505639.16E
WESTERN SYDNEY CTA D02 1500 - 2500ft at PSN 333821.59S 1510509.57E
WESTERN SYDNEY CTA D03 1500 - 2500ft at PSN 335756.53S 1504942.64E
WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S 1514040.71E
WILLIAMTOWN CTA E02 7500 - 8500ft at PSN 324843.46S 1513553.36E
BRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S 1514522.02E
BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E
BRISBANE EFREQUENCY 133.05B 8500 - FL180 at PSN 323825.09S 1500112.27E
BRISBANE EFREQUENCY 119.7 8500 - FL125 at PSN 330733.10S 1500253.78E
Airspace activation table for SY CTA C10 at PSN 340232.83S 1504026.01E
AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E

SYDNEY CONTROL ZONE (C) SFC - 1500ft to PSN 335745.15S 1510739.27E
BANKSTOWN CONTROL ZONE (D) SFC - 1500ft to PSN 335435.46S 1505815.94E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C01A 500 - 1000ft to PSN 335856.33S 1511646.16E
SYDNEY CTA C01B 500 - 1000ft to PSN 335117.53S 1511148.67E
SYDNEY CTA C02 1000 - 1500ft to PSN 335921.05S 1511543.65E
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
SYDNEY CTA C10 1500 - 4500ft to PSN 340232.83S 1504026.01E
EAST COAST CTA E1 8500 - FL125 to PSN 362659.56S 1463746.12E
EAST COAST CTA E2 8500 - FL125 to PSN 243333.72S 1495041.61E
BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E
BRISBANE EFREQUENCY 133.05C FL125 - FL245 to PSN 321738.43S 1494853.26E
MELBOURNE EFREQUENCY 118.5 8500 - FL180 to PSN 333139.89S 1490719.76E
MELBOURNE EFREQUENCY 118.5A FL125 - FL245 to PSN 332438.50S 1481614.04E

MELBOURNE EFREQUENCY 123.9A1 FL180 - FL245 to PSN 321634.50S 1474039.58E
MELBOURNE EFREQUENCY 123.9D FL125 - FL180 to PSN 321634.51S 1474039.57E
MELBOURNE EFREQUENCY 125.0A 8500 - FL125 to PSN 344506.44S 1501557.82E
MELBOURNE EFREQUENCY 128.4 8500 - FL125 to PSN 343256.43S 1483812.51E
MELBOURNE EFREQUENCY 129.8 8500 - FL125 to PSN 342434.65S 1493113.74E
BRISBANE CENTRE 125.7A SFC - BCTA to PSN 325142.55S 1513209.14E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 121.2B SFC - BCTA to PSN 353245.69S 1511910.59E
MELBOURNE CENTRE 123.9 SFC - BCTA to PSN 320930.43S 1474434.27E
MELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S 1490555.69E
MELBOURNE CENTRE 135.25 SFC - BCTA to PSN 333018.37S 1485302.20E
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E
Deleted:
SYDNEY CTA C03 1000 - 2500ft at PSN 335626.07S 1511758.58E
SYDNEY CTA C04A 1500 - 2500ft at PSN 335458.04S 1505915.69E
SYDNEY CTA C04B 1500 - 2500ft at PSN 340600.13S 1510328.69E
SYDNEY CTA C04C 1500 - 2500ft at PSN 341248.83S 1511806.12E
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
MELBOURNE EFREQUENCY 135.25A FL125 - FL180 at PSN 332438.50S 1481614.04E
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E

4.22.2 AD/ALA/HLS

Added:
EUCHAREENA (YEUC) verified ALA at PSN 325545.00S 1490619.00E
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E
BOOMEY (YMEY) verified ALA at PSN 325957.05S 1485942.48E
Deleted:
CURRANDOOLEY (YCRD) at PSN 351103.66S 1492913.34E

4.22.3 ATS Communication Facility

Added:
SYDNEY/NANCY BIRD WALTON (YSWS) WALTON TWR 128.1 at PSN 335326.99S 1504305.56E

4.22.4 Nav aids

Added:
ILS IWS 111.5 at PSN 335335.81S 1504134.04E
ILS IWN 109.1 at PSN 335224.97S 1504359.54E
Deleted:
NDB BK at PSN 335541.98S 1505918.62E

4.22.5 Route and route segment

Added:	
Q3 UPDAK to DUBSU	T51 AVBEG to ISNOL
Q13 TEEVE to BTH NDB	Y82 ISNOL to ENVOL
Q18 UPDAK to TONTO	Z59 TUPMA to RUTOS
Q202 BTH NDB to RUPEM	Z66 TUPMA to DUBSU
Q223 TONTO to GLB NDB	Z71 TUPMA to KADOM
T2 UPDAK to TESAT	Z202 EKESU to AGVUB
T14 MUDGI to AGVUB	Z214 AGVUB to MONDO
T22 RUTOS to STUIE	
Q28 UPDAK to TEEVE to PKS VOR	
Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Q304 DUBSU to BENBU to SPLIZ to LASUD	

T49 ISBOV to OMLAV to ABASS to NWA NDB	
Y14 DU NDB to VIRUR to RUPEM	
Y35 KACEY to METUV to ENVOL	
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT	
Z36 AKMIR to GORPU to ISBUL to RUTOS to MAKOR	
Z43 RAKSO to NOLEM to ATRIR to TUPMA to STUIE	
Z88 MEPIL to ATIRU to OMOVU to BEROW to IRSAG to NIXOD to PILAK	
Z97 REVKI to GORPU to WELSH to DAMID to RAKSO to ESGID to PILAK	
AMD:	
Q155 DUUKE to RUTOS	W137 CWR NDB to SPLIZ
Q401 TEEVE to UVUPU	W168 CWR to ANNKY
V180 DERRY to ANNKY	W368 KADOM to STUIE
V300 METUV to ANNKY	W460 STUIE to BTH NDB
V599 CWR NDB to ENVOL	W575 BTH NDB to SPLIZ
V665 STUIE to CAPER	W762 VEVOS to ANNKY
W40 ATGOD to ANNKY	W817 KEDDY to ANNKY
H44 KADOM to TEEVE to LIDLI	
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
H536 URKIX to ISBOV RTE terminates at new WPT ISBOV	
N774 MARLN to BIKUS to WHALE to PRAWN to DIPPA to TESAT	
Q410 MONDO to AKTEG to RUTOS	
V138 DU NDB to RUPEM to ANNKY	
W10 EXETA to GLB NDB to AVBEG	
W113 HAPPI to ANNKY to AKMIR to UDODU to MITSA to ANKUB to AVMOV to KAMBA	
W122 CB VOR to IDROP to ANNKY	
W184 AVBEG to ENVOL to SPLIZ	
W604 BENBU to AKPOM to MUDGI	

W731 KADOM to UPTUP to EMVOM	
Y52 APOMA to GUVBO to OMDOG to ENVOL to RUPEM to TOROB to REVKI to UPDAK	
Y59 TARAL to ENLAD to RIVET	
Z127 TUPMA to NIVOT to EKESU to DAGVA to LALIB	
Deleted:	
W138 PEGSU to GLB NDB	W339 BK NDB to KADOM
W755 LIDLI to METUV	W345 TONTO to GLB NDB
H226 RIC NDB to ENPAG	
W440 AKMIR to RUPEM to PKS VOR	
V11 RIC NDB to ISMER to BK NDB	
V295 TESAT to SOFAL to DU NDB to ENPAG	
V316 TESAT to RUTOS to SCATZ to ANBAN	
W144 RIC TAC to RAKSO to TONTO to NWA NDB	
W430 RIC TAC to ANKUB to WOL NDB	
W652 WOL NDB to ODALE to DARGI	
W801 VIRUR to MEEGA to TOROB to AKMIR	
Y20 DARGI to ANPEN to GOMUB to NOLEM to BK NDB	

4.22.6 Special use airspace

Added:	
R407A at PSN 335117.53S 1511148.67E	
R407B at PSN 335002.47S 1511144.71E	
R479 at PSN 333525.63S 1504753.79E	
R480 at PSN 333055.83S 1504458.36E	
R481 at PSN 332756.17S 1503913.69E	
D594 at PSN 341318.00S 1504006.00E	
Deleted:	
R405A at PSN 334953.28S 1510858.78E	
R405B at PSN 335015.50S 1511418.71E	
R469 at PSN 332650.99S 1504005.42E	
R470 at PSN 333523.02S 1504800.35E	

R494 at PSN 333138.06S 1504431.45E
D539A at PSN 335007.05S 1510201.85E
D539B at PSN 334631.35S 1505831.03E
D552 at PSN 340518.31S 1503253.79E
D556A at PSN 335610.31S 1504936.44E
D556B at PSN 335430.93S 1503845.83E
D593A at PSN 341335.56S 1503933.09E
D593B at PSN 341239.84S 1504117.50E

4.22.7 Waypoints

Added:
TEEEVE at PSN 334346.70S 1495350.90E
SPLIZ at PSN 324325.10S 1492651.00E
STUIE at PSN 333549.00S 1504635.00E
RUSUM at PSN 332442.90S 1502619.90E
SHABY at PSN 330650.00S 1500447.20E
ISBOV at PSN 340454.60S 1512057.60E
UPDAK at PSN 335327.10S 1504305.60E
DUBSU at PSN 333532.00S 1502521.00E
UKDUL at PSN 330119.40S 1503303.40E
UNTAV at PSN 331738.10S 1505111.20E
AGVUB at PSN 325018.10S 1495535.60E
ANNKY at PSN 341401.60S 1494845.90E
ENVOL at PSN 335507.10S 1491311.20E
UDODU at PSN 341020.00S 1502700.60E
IDROP at PSN 345020.10S 1492851.20E
AKPOM at PSN 324807.30S 1494026.70E
UPTUP at PSN 333118.70S 1500435.80E
GORPU at PSN 340132.00S 1500801.50E
ISBUL at PSN 334218.40S 1501123.80E
ATRIR at PSN 334745.20S 1503916.70E
TUPMA at PSN 334317.20S 1503723.50E

ATIRU at PSN 332856.60S 1511031.70E
OMUVU at PSN 333150.80S 1510912.90E
IRSAG at PSN 334307.70S 1510242.40E
NIXOD at PSN 334518.50S 1510009.90E
PILAK at PSN 335542.00S 1505918.60E
DAMID at PSN 340654.70S 1502356.60E
ESGID at PSN 335526.30S 1504950.70E
NIVOT at PSN 332221.00S 1503222.00E
EKESU at PSN 330135.00S 1501911.00E
ENLAD at PSN 342257.60S 1501207.80E
ANNKY - Add Right Holding Pattern 65 degrees at PSN 341401.60S 1494845.90E
METUV - Add Left Holding Pattern -58 degrees at PSN 341339.96S 1481443.94E
RUPEM - Add Left Holding Pattern -73 degrees at PSN 335322.12S 1493452.05E
STUIE - Add Right Holding Pattern 200 degrees at PSN 333549.00S 1504635.00E
UKDUL - Add Right Holding Pattern 166 degrees at PSN 330119.40S 1503303.40E
AMD:
MARLN at PSN 340205.00S 1520402.10E
AKMIR - Amend Right Holding Pattern 65 degrees at PSN 341042.81S 1500624.31E
Deleted:
DARGI - Remove Left Holding Pattern at PSN 335518.00S 1502512.00E
MEEGA - Remove Right Holding Pattern at PSN 334358.14S 1493310.08E
REVKI - Remove Right Holding Pattern at PSN 335418.90S 1495634.20E
UXUTI at PSN 345700.22S 1503159.78E

4.23 TAC Darwin

4.23.1 AD/ALA/HLS

AMD:
BATCHELOR (YBCR) verified ALA to PSN 130313.14S 1310135.16E
RESEARCH STATION to MIDDLE POINT (YCPX) verified ALA at PSN 123508.42S 1311831.84E

4.23.2 Special use airspace

Added:
R276A at PSN 125404.14S 1303751.36E
R276B at PSN 131904.32S 1302246.03E
M277A at PSN 122540.32S 1302057.74E
M277B at PSN 122517.39S 1295141.64E
M277E at PSN 124312.82S 1302622.53E
M277F at PSN 125851.77S 1300138.44E
M278A at PSN 115423.80S 1310457.20E
M278B at PSN 112658.81S 1311347.98E
M278E at PSN 120655.80S 1312140.85E
M278F at PSN 115015.26S 1314528.60E
Deleted:
R262A at PSN 131441.35S 1302524.99E
M263A at PSN 122535.56S 1301801.96E
M263B at PSN 122516.59S 1294946.41E
M263E at PSN 125613.13S 1300549.63E
M240A at PSN 113131.11S 1311220.25E
M240D at PSN 115307.50S 1314123.24E

4.24 TAC Hobart/Launceston

4.24.1 Nil changes

4.25 TAC Karratha/Port Hedland

4.25.1 Special use airspace

Added:
D157 at PSN 203956.20S 1164537.70E
Deleted:
D154 at PSN 204018.00S 1164506.00E

4.26 TAC Mackay

4.26.1 Nil changes

4.27 TAC Melbourne

4.27.1 Route and route segment

AMD:
H66 KACEY to SPLIZ to MUDGI to LIPDI to UPVEN

4.27.2 Special use airspace

Deleted:
D333 at PSN 363400.90S 1450828.97E

4.28 TAC Pilbara

4.28.1 Waypoints

AMD:
FDFWG to FS2WG at PSN 220637.60S 1191808.70E
FDFWE to FS2WE at PSN 220840.60S 1191222.30E
FDFWD to FS2WD at PSN 221425.90S 1191227.80E
FDFWI to FS2WI at PSN 221129.50S 1191649.80E
FDFWF to FS2WF at PSN 221418.60S 1192117.40E
FDFEF to FS2EF at PSN 222038.60S 1193119.20E
FDFEI to FS2EI at PSN 222327.70S 1193547.00E
FDFEA to FS2EA at PSN 222031.50S 1194009.50E

FDFEB to FS2EB at PSN 222616.80S 1194014.90E
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FDFEC to FS2EC at PSN 222819.50S 1193427.60E
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4.29 TAC Perth

4.29.1 AD/ALA/HLS

Added:

BROOKLANDS (YBLD) verified ALA at PSN 314924.00S 1164754.00E
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AMD:

BALLIDU (YBIU) verified ALA at PSN 303536.00S 1164648.00E

GOOMALLING (YGOM) verified ALA at PSN 312200.00S 1165300.00E
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4.29.2 Route and route segment

AMD:

T12 KAGMI to DAKPO	Q38 SOVTO to DALWU
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Q9 ELGAT to AVPAL	Q181 DUBUL to AVPAL
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Q31 VEKBO to AVPAL	
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4.29.3 Special use airspace

Added:

D101 at PSN 313933.25S 1163643.67E

4.29.4 Waypoints

Added:

ELGAT at PSN 282708.32S 1170421.42E

VEKBO at PSN 283141.97S 1171910.11E

DUBUL at PSN 283346.15S 1172555.55E

SOVTO at PSN 283551.33S 1173245.64E

Deleted:

BOKAT at PSN 281631.00S 1173242.00E

ELNUL at PSN 281854.00S 1174030.00E

LEBOD at PSN 280857.00S 1170805.00E

NUKTU at PSN 281410.00S 1172459.00E

4.30 TAC Rockhampton

4.30.1 Nil changes

4.31 TAC Sydney/Williamstown

4.31.1 Airspace

Added:
WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN 335307.60S 1504226.27E
SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E
SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E
SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E
SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E
BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E
WESTERN SYDNEY CTA D01 1000 - 1500ft at PSN 334636.85S 1505639.16E
WESTERN SYDNEY CTA D02 1500 - 2500ft at PSN 333821.59S 1510509.57E
WESTERN SYDNEY CTA D03 1500 - 2500ft at PSN 335756.53S 1504942.64E
WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S 1514040.71E
WILLIAMTOWN CTA E02 7500 - 8500ft at PSN 324843.46S 1513553.36E
BRISBANE EFREQUENCY 128.6E 6500 - 8500ft at PSN 330446.89S 1521738.06E
BRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S 1514522.02E
BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E
AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
SYDNEY CONTROL ZONE (C) SFC - 1500ft to PSN 335745.15S 1510739.27E

BANKSTOWN CONTROL ZONE (D) SFC - 1500ft to PSN 335435.46S 1505815.94E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C01A 500 - 1000ft to PSN 335856.33S 1511646.16E
SYDNEY CTA C01B 500 - 1000ft to PSN 335117.53S 1511148.67E
SYDNEY CTA C02 1000 - 1500ft to PSN 335921.05S 1511543.65E
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
SYDNEY CTA C10 1500 - 4500ft to PSN 340232.83S 1504026.01E
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE EFREQUENCY 123.4A 8500 - FL180 to PSN 323838.01S 1505908.49E
BRISBANE EFREQUENCY 124.8D 8500 - FL180 to PSN 320358.41S 1510034.52E
BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E
BRISBANE CENTRE 124.8A SFC - BCTA to PSN 315414.81S 1505707.22E
BRISBANE CENTRE 125.7A SFC - BCTA to PSN 325142.55S 1513209.14E

Deleted:
SYDNEY CTA C03 1000 - 2500ft at PSN 335626.07S 1511758.58E
SYDNEY CTA C04A 1500 - 2500ft at PSN 335458.04S 1505915.69E
SYDNEY CTA C04B 1500 - 2500ft at PSN 340600.13S 1510328.69E
SYDNEY CTA C04C 1500 - 2500ft at PSN 341248.83S 1511806.12E
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
WILLIAMTOWN CTA E 6500 - 8500ft at PSN 324954.78S 1515146.28E
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E

4.31.2 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E

4.31.3 ATS Communication Facility

Added:
SYDNEY/NANCY BIRD WALTON (YSWS) WALTON TWR 128.1 at PSN 335326.99S 1504305.56E

4.31.4 Nav aids

Added:
ILS IWS 111.5 at PSN 335335.81S 1504134.04E
ILS IWN 109.1 at PSN 335224.97S 1504359.54E
Deleted:
NDB BK at PSN 335541.98S 1505918.62E

4.31.5 Route and route segment

Added:	
Q3 UPDAK to DUBSU	Z66 TUPMA to DUBSU
Q18 UPDAK to TONTO	Z71 TUPMA to KADOM
T2 UPDAK to TESAT	Z214 AGVUB to MONDO
T22 RUTOS to STUIE	Y126 - GUXOT to AGRAB
Z59 TUPMA to RUTOS	
Q28 UPDAK to TEEVE to PKS VOR	

Q58 APAGI to POSUT to EKABO to TIABB to LATAB to DAGVA to UKDUL to UNTAV to UPDAK	
Q304 DUBSU to BENBU to SPLIZ to LASUD	
T49 ISBOV to OMLAV to ABASS to NWA NDB	
Y50 OVNOM to NIXIM to RUPOG to TW VOR to ADMOD to IRPIR to IVTON to DABOG to BOREE to TESAT	
Z36 AKMIR to GORPU to ISBUL to RUTOS to MAKOR	
Z43 RAKSO to NOLEM to ATRIR to TUPMA to STUIE	
Z88 MEPIL to ATIRU to OMUVU to BEROW to IRSAG to NIXOD to PILAK	
Z97 REVKI to GORPU to WELSH to DAMID to RAKSO to ESGID to PILAK	
Z190 ALDAR to ADMAR to OLTIN	
Z233 SORTI to INOKE to ELKAB	
V423 NICLA to IVPOL to CFS VOR	
W656 CFS VOR to ATMUT to SORTI	
H133 - VERES to AGRAB to TAXIV to UPSEL	
AMD:	
H44 KADOM to TEEVE to LIDLI	H98 - VIMEG to SANAD
H201 OLTIN to KARDI to MONDO	Y193 - EMVUG to VERES
Q155 DUUKE to RUTOS	Y193 - VERES to BANDA
V665 STUIE to CAPER	Y43 - MATLA to GUXOT
W368 KADOM to STUIE	Y43 - GUXOT to BANDA
W460 STUIE to BTH NDB	
H530 TESAT to STUIE to RUSUM to SHABY to EMROT	
H536 URKIX to ISBOV RTE terminates at new WPT ISBOV	
N774 MARLN to BIKUS to WHALE to PRAWN to DIPPA to TESAT	
Q410 MONDO to AKTEG to RUTOS	
W113 HAPPI to ANNKY to AKMIR to UDODU to MITSa to ANKUB to AVMOV to KAMBA	
W731 KADOM to UPTUP to EMVOM	
Y52 APOMA to GUVBO to OMDOG to ENVOL to RUPEM to TOROB to REVKI to UPDAK	

Z105 ELKAB to UBLOM to EKIBI	
Z127 TUPMA to NIVOT to EKESU to DAGVA to LALIB	
Deleted:	
H226 RIC NDB to ENPAG	W339 BK NDB to KADOM
H76 RIC NDB to RUTOS to LOKYA to EMSUR to AVBID to UPVEN	
V11 RIC NDB to ISMER to BK NDB	
V295 TESAT to SOFAL to DU NDB to ENPAG	
V316 TESAT to RUTOS to SCATZ to ANBAN	
W144 RIC TAC to RAKSO to TONTO to NWA NDB	
W430 RIC TAC to ANKUB to WOL NDB	
Y20 DARGI to ANPEN to GOMUB to NOLEM to BK NDB	

4.31.6 Waypoints

Added:	
R407A at PSN 335117.53S 1511148.67E	
R407B at PSN 335002.47S 1511144.71E	
R479 at PSN 333525.63S 1504753.79E	
R480 at PSN 333055.83S 1504458.36E	
R481 at PSN 332756.17S 1503913.69E	
Deleted:	
R405A at PSN 334953.28S 1510858.78E	
R405B at PSN 335015.50S 1511418.71E	
R469 at PSN 332650.99S 1504005.42E	
R470 at PSN 333523.02S 1504800.35E	
R494 at PSN 333138.06S 1504431.45E	
D539A at PSN 335007.05S 1510201.85E	
D539B at PSN 334631.35S 1505831.03E	
D556A at PSN 335610.31S 1504936.44E	
D556B at PSN 335430.93S 1503845.83E	

4.31.7 Waypoints

Added:	
KARDI at PSN 324634.00S 1511443.70E	

STUIE at PSN 333549.00S 1504635.00E
RUSUM at PSN 332442.90S 1502619.90E
ISBOV at PSN 340454.60S 1512057.60E
UPDAK at PSN 335327.10S 1504305.60E
DUBSU at PSN 333532.00S 1502521.00E
UKDUL at PSN 330119.40S 1503303.40E
UNTAV at PSN 331738.10S 1505111.20E
IVTON at PSN 323219.00S 1510155.30E
DABOG at PSN 324653.10S 1510210.20E
ATRIIR at PSN 334745.20S 1503916.70E
TUPMA at PSN 334317.20S 1503723.50E
ATIRU at PSN 332856.60S 1511031.70E
OMUVU at PSN 333150.80S 1510912.90E
IRSAG at PSN 334307.70S 1510242.40E
NIXOD at PSN 334518.50S 1510009.90E
PILAK at PSN 335542.00S 1505918.60E
ESGID at PSN 335526.30S 1504950.70E
NIVOT at PSN 332221.00S 1503222.00E
IRPIR at PSN 320848.40S 1510131.40E
VERES at PSN 312117.00S 1522410.00E
GUXOT at PSN 312008.00S 1521733.40E
DABOG - Add Left Holding Pattern -167 degrees at PSN 324653.10S 1510210.20E
KARDI - Add Right Holding pattern 171 degrees at PSN 324634.00S 1511443.70E
STUIE - Add Right Holding Pattern 200 degrees at PSN 333549.00S 1504635.00E
UKDUL - Add Right Holding Pattern 166 degrees at PSN 330119.40S 1503303.40E
AMD:
MARLN at PSN 340205.00S 1520402.10E
CAWLY at PSN 341934.40S 1515728.40E
BOYSY at PSN 371809.20S 1454010.10E

Deleted:
MESIM - Remove Right Holding Pattern at PSN 315630.00S 1510948.00E
SANAD - Remove Right Holding Pattern at PSN 312311.02S 1512444.59E

4.32 VNC Adelaide

4.32.1 Sports aviation

Added:
MODEL ACFT symbol at PSN 343956.00S 1384316.00E

4.33 VNC Brisbane

4.33.1 Airspace

Added:
BALLINA CONTROL ZONE (D) SFC-1500ft
BALLINA CTA D1 1500-2500ft
BALLINA CTA D2 2500-3500ft
BALLINA CTA D3 3500-4500ft
BALLINA CTA C1 4500-6500ft
BALLINA CTA C2 6500-FL125
AMD:
BRISBANE CTA C06 4500-6500ft
BRISBANE CTA C07 6500-7500ft
BRISBANE CTA C08 7500-8500ft
BRISBANE CTA C09 8500-FL125
BRISBANE CTA C10 FL125-FL155
BRISBANE CTA C11 FL155-FL180
BRISBANE EFREQUENCY 134.2 8500-FL125
BRISBANE EFREQUENCY 134.2A FL125-FL180

Deleted:

BALLINA/BYRON MANDATORY BROADCAST AREA 124.2 at PSN
285122.49S 1533429.34E

4.33.2 AD/ALA/HLS

Added:

MILLMERRAN HOSPITAL (YXLR) HLS to PSN 275248.99S
1511546.10E

4.33.3 ATS Communication Facility

Added:

YBNA TOWER/ATIS/APPROACH FREQUENCIES at PSN 285001.60S
1533344.77E

4.33.4 CTAF

Added:

BROOKLET-BLUEBERRY FIELDS (YBBF) 124.2 at PSN 284423.00S
1532914.00E

ALSTONVILLE SOUTH (YAVS) 124.2 at PSN 285254.70S 1532606.20E

4.33.5 Sports aviation

Added:

BROOKLET-BLUEBERRY FIELDS (YBBF) 124.2 at PSN 284423.00S
1532914.00E

ALSTONVILLE SOUTH (YAVS) 124.2 at PSN 285254.70S 1532606.20E

4.33.6 Waypoints

Added:

ABEAM SUFFOLK PARK (ASFK) at PSN 284052.49S 1533720.92E

BREAKWATER (BRAK) at PSN 285232.87S 1533520.47E

BROADWATER (BROD) at PSN 290042.58S 1532600.02E

CLUNES (CLUN) at PSN 284345.21S 1532420.90E

CORAKAI (CORK) at PSN 285916.68S 1531716.46E

DALWOOD (DALW) at PSN 285318.90S 1532433.82E

NEWRYBAR (NEWB) at PSN 284355.30S 1533244.32E

SALTWATER (SALT) at PSN 285531.36S 1532859.58E

WOLLONGBAR (WOBR) at PSN 284910.63S 1532522.17E

4.34 VNC Bundaberg

4.34.1 Airspace

AMD:
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE CTA C06 4500-6500ft
BRISBANE CTA C07 6500-7500ft
BRISBANE CTA C09 8500-FL125
BRISBANE CTA C10 FL125-FL155
BRISBANE CTA C11 FL155-FL180

4.34.2 AD/ALA/HLS

AMD:
NOOSA (YNOSH) verified ALA at PSN 262524.00S 1530348.00E

4.34.3 Sports aviation

Added:
MODEL ACFT symbol at PSN 273557.00S 1522607.00E

4.35 VNC Cairns

4.35.1 Airspace

AMD:
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E

4.35.2 AD/ALA/HLS

AMD:
UNDARA (YUDA) verified ALA at PSN 181130.00S 1443648.00E

4.35.3 Nav aids

Deleted:
ABN at PSN 192805.00S 1462032.00E

4.35.4 Sports aviation

Added:
PARACHUTE symbol at PSN 175344.00S 1460554.00E

4.36 VNC Darwin

4.36.1 AD/ALA/HLS

AMD:
EVA VALLEY (YEVV) verified ALA to PSN 141557.56S 1324950.95E
BATCHELOR (YBCR) verified ALA to PSN 130313.14S 1310135.16E
RESEARCH STATION to MIDDLE POINT (YCPX) verified ALA at PSN 123508.42S 1311831.84E

4.36.2 Special use airspace

Added:
R276A at PSN 125404.14S 1303751.36E
R276B at PSN 131904.32S 1302246.03E
M277A at PSN 122540.32S 1302057.74E
M277B at PSN 122517.39S 1295141.64E
M277E at PSN 124312.82S 1302622.53E
M277F at PSN 125851.77S 1300138.44E
M278A at PSN 115423.80S 1310457.20E
M278B at PSN 112658.81S 1311347.98E
M278E at PSN 120655.80S 1312140.85E
M278F at PSN 115015.26S 1314528.60E
AMD:
R262B to R276C at PSN 135244.41S 1300221.08E
R262C to R276D at PSN 143127.68S 1293843.57E
M263C to M277C at PSN 122504.35S 1291216.17E
M263F to M277G at PSN 131947.02S 1292823.65E
M240B to M278C at PSN 105015.40S 1312536.14E
M240E to M278G at PSN 112746.88S 1321723.66E
Deleted:
R262A at PSN 131441.35S 1302524.99E
M263A at PSN 122535.56S 1301801.96E
M263B at PSN 122516.59S 1294946.41E
M263E at PSN 125613.13S 1300549.63E
M240A at PSN 113131.11S 1311220.25E

M240D at PSN 115307.50S 1314123.24E

4.37 VNC Deniliquin

4.37.1 Special use airspace

Deleted:

D333 at PSN 363400.90S 1450828.97E

4.38 VNC Hobart

4.38.1 AD/ALA/HLS

AMD:

QUEENSTOWN (YQNS) verified ALA at PSN 420431.66S 1453151.04E
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4.39 VNC Launceston

4.39.1 Refer to section 5, ANNEX A.

4.40 VNC Melbourne

4.40.1 AD/ALA/HLS

Added:

ROWSLEY (YRWS) verified HLS at PSN 374240.00S 1442239.00E

4.40.2 Special use airspace

AMD:

D353 to D354 at PSN 375614.95S 1470342.85E
--

Deleted:

D333 at PSN 363400.90S 1450828.97E

4.41 VNC Newcastle

4.41.1 Airspace

Added:

SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E
--

SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E
--

WESTERN SYDNEY CTA D01 1000 - 1500ft at PSN 334636.85S 1505639.16E
--

WESTERN SYDNEY CTA D02 1500 - 2500ft at PSN 333821.59S 1510509.57E
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WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S 1514040.71E
WILLIAMTOWN CTA E02 7500 - 8500ft at PSN 324843.46S 1513553.36E
BRISBANE EFREQUENCY 128.6E 6500 - 8500ft at PSN 330446.89S 1521738.06E
BRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S 1514522.02E
BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E
BRISBANE EFREQUENCY 133.05B 8500 - FL180 at PSN 323825.09S 1500112.27E
BRISBANE EFREQUENCY 119.7 8500 - FL125 at PSN 330733.10S 1500253.78E
AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
EAST COAST CTA E2 8500 - FL125 to PSN 243333.72S 1495041.61E

BRISBANE EFREQUENCY 123.4A 8500 - FL180 to PSN 323838.01S 1505908.49E
BRISBANE EFREQUENCY 124.8A FL125 - FL245 to PSN 314939.89S 1504019.54E
BRISBANE EFREQUENCY 124.8D 8500 - FL180 to PSN 320358.41S 1510034.52E
BRISBANE EFREQUENCY 127.1 FL125 - FL245 to PSN 301402.53S 1492459.05E
BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E
BRISBANE EFREQUENCY 133.05C FL125 - FL245 to PSN 321738.43S 1494853.26E
MELBOURNE EFREQUENCY 118.5 8500 - FL180 to PSN 333139.89S 1490719.76E
MELBOURNE EFREQUENCY 118.5A FL125 - FL245 to PSN 332438.50S 1481614.04E
MELBOURNE EFREQUENCY 123.9A1 FL180 - FL245 to PSN 321634.50S 1474039.58E
MELBOURNE EFREQUENCY 123.9D FL125 - FL180 to PSN 321634.51S 1474039.57E
BRISBANE CENTRE 124.8A SFC - BCTA to PSN 315414.81S 1505707.22E
BRISBANE CENTRE 125.7A SFC - BCTA to PSN 325142.55S 1513209.14E
BRISBANE CENTRE 127.1 SFC - BCTA to PSN 301445.77S 1492606.94E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 123.9 SFC - BCTA to PSN 320930.43S 1474434.27E
MELBOURNE CENTRE 135.25 SFC - BCTA to PSN 333018.37S 1485302.20E
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E
BRISBANE EFREQUENCY 134.2 8500-FL125

Deleted:
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
WILLIAMTOWN CTA E 6500 - 8500ft at PSN 324954.78S 1515146.28E
BRISBANE EFREQUENCY 125.7B 6500 - 8500ft at PSN 331425.14S 1514040.59E
MELBOURNE EFREQUENCY 135.25A FL125 - FL180 at PSN 332438.50S 1481614.04E
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E

4.41.2 AD/ALA/HLS

Added:
EUCHAREENA (YEUC) verified ALA at PSN 325545.00S 1490619.00E
TARNUK (YTRU) verified ALA at PSN 320248.00S 1502506.00E
BOOMEY (YMEY) verified ALA at PSN 325957.05S 1485942.48E
AMD:
TOORAWEEAH (YTWN) verified ALA at PSN 312630.00S 1485400.00E

4.41.3 Route and route segment

AMD:
SYDNEY - NANCY BIRD WALTON - VFR ROUTES - CODED CLEARANCES

4.41.4 Special use airspace

Added:
R479 at PSN 333525.63S 1504753.79E
R480 at PSN 333055.83S 1504458.36E
R481 at PSN 332756.17S 1503913.69E
Deleted:
R469 at PSN 332650.99S 1504005.42E
R470 at PSN 333523.02S 1504800.35E
R494 at PSN 333138.06S 1504431.45E

4.41.5 Waypoints

AMD:

BROOKLYN BRIDGE (BBG) to PSN 333227.00S 1511145.00E

4.42 VNC Perth

4.42.1 AD/ALA/HLS

Added:

BROOKLANDS (YBLD) verified HLS at PSN 314924.00S 1164754.00E

AMD:

BALLIDU (YBIU) verified ALA at PSN 303536.00S 1164648.00E

GOOMALLING (YGOM) verified ALA at PSN 312200.00S 1165300.00E

KOJONUP (YKOJ) verified ALA at PSN 334501.20S 1170809.00E

4.42.2 Special use airspace

Added:

D101 at PSN 313933.25S 1163643.67E

4.43 VNC Rockhampton

4.43.1 Airspace

AMD:BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S
1495249.92E

EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E

4.43.2 AD/ALA/HLS

Added:

INDET (YNDT) verified HLS at PSN 210534.50S 1485951.50E

Deleted:

GREAT KEPPEL ISLAND (YGKL) at PSN 231100.00S 1505630.00E

PINE VIEW PARK (YPVP) HLS at PSN 211248.00S 1490136.00E

4.44 VNC Sydney

4.44.1 Airspace

Added:WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN
335307.60S 1504226.27E

SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E
SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E
SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E
SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E
BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E
WESTERN SYDNEY CTA D01 1000 - 1500ft at PSN 334636.85S 1505639.16E
WESTERN SYDNEY CTA D02 1500 - 2500ft at PSN 333821.59S 1510509.57E
WESTERN SYDNEY CTA D03 1500 - 2500ft at PSN 335756.53S 1504942.64E
WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S 1514040.71E
AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
SYDNEY CONTROL ZONE (C) SFC - 1500ft to PSN 335745.15S 1510739.27E
BANKSTOWN CONTROL ZONE (D) SFC - 1500ft to PSN 335435.46S 1505815.94E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C01A 500 - 1000ft to PSN 335856.33S 1511646.16E
SYDNEY CTA C01B 500 - 1000ft to PSN 335117.53S 1511148.67E

SYDNEY CTA C02 1000 - 1500ft to PSN 335921.05S 1511543.65E
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
SYDNEY CTA C10 1500 - 4500ft to PSN 340232.83S 1504026.01E
EAST COAST CTA E1 8500 - FL125 to PSN 362659.56S 1463746.12E
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E
MELBOURNE EFREQUENCY 118.5 8500 - FL180 to PSN 333139.89S 1490719.76E
MELBOURNE EFREQUENCY 118.5A FL125 - FL245 to PSN 332438.50S 1481614.04E
MELBOURNE EFREQUENCY 125.0A 8500 - FL125 to PSN 344506.44S 1501557.82E
MELBOURNE EFREQUENCY 128.4 8500 - FL125 to PSN 343256.43S 1483812.51E
MELBOURNE EFREQUENCY 129.8 8500 - FL125 to PSN 342434.65S 1493113.74E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 121.2B SFC - BCTA to PSN 353245.69S 1511910.59E
MELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S 1490555.69E
MELBOURNE CENTRE 135.25 SFC - BCTA to PSN 333018.37S 1485302.20E
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E
Deleted:
SYDNEY CTA C03 1000 - 2500ft at PSN 335626.07S 1511758.58E
SYDNEY CTA C04A 1500 - 2500ft at PSN 335458.04S 1505915.69E
SYDNEY CTA C04B 1500 - 2500ft at PSN 340600.13S 1510328.69E

SYDNEY CTA C04C 1500 - 2500ft at PSN 341248.83S 1511806.12E
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
MELBOURNE EFREQUENCY 135.25A FL125 - FL180 at PSN 332438.50S 1481614.04E
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E

4.44.2 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E
WANDU (YWDU) verified ALA CTAF 126.15 at PSN 342351.46S 1472549.49E
AMD:
WESTMEAD CASB (YXWS) to PSN 334809.48S 1505924.16E
Deleted:
CURRANDOOLEY (YCRD) at PSN 351103.66S 1492913.34E
WESTMEAD HOSPITAL (YWST) at PSN 334818.00S 1505918.00E

4.44.3 Nav aids

Deleted:
NDB BK at PSN 335541.98S 1505918.62E

4.44.4 Special use airspace

Added:
R407A at PSN 335117.53S 1511148.67E
R407B at PSN 335002.47S 1511144.71E
R479 at PSN 333525.63S 1504753.79E
R480 at PSN 333055.83S 1504458.36E
R481 at PSN 332756.17S 1503913.69E
D594 at PSN 341318.00S 1504006.00E
Deleted:
R405A at PSN 334953.28S 1510858.78E
R405B at PSN 335015.50S 1511418.71E
R469 at PSN 332650.99S 1504005.42E

R470 at PSN 333523.02S 1504800.35E
R494 at PSN 333138.06S 1504431.45E
D539A at PSN 335007.05S 1510201.85E
D539B at PSN 334631.35S 1505831.03E
D552 at PSN 340518.31S 1503253.79E
D556A at PSN 335610.31S 1504936.44E
D556B at PSN 335430.93S 1503845.83E
D593A at PSN 341335.56S 1503933.09E
D593B at PSN 341239.84S 1504117.50E

4.44.5 Sports aviation

Added:
MODEL ACFT symbol at PSN 353508.60S 1490350.70E

4.44.6 Topographic

Deleted:
Topographic features around Western Sydney tower at 335436.00S 1504436.50E
Topographic features around Western Sydney mining area polygon and outline at 334927.30S 1504950.20E

4.44.7 Waypoints

Added:
BRICKWORKS (BWKS) at PSN 335349.86S 1504502.98E
CASTLE TOWERS (CAST) at PSN 334356.00S 1510017.00E
CROSSROADS SHOPPING CENTRE (CRSC) at PSN 335735.00S 1505245.00E
NORTH CAMDEN (NCAM) at PSN 340111.92S 1504546.82E
ST HELENS SKATE PARK (SSKP) at PSN 340607.21S 1504813.88E
VICTORIA BRIDGE (VCBR) at PSN 334446.39S 1504056.24E
AMD:
BROOKLYN BRIDGE (BBG) to PSN 333227.00S 1511145.00E
PROSPECT RESV (PSP) to PSN 334900.00S 1505500.00E
MAYFIELD (MYF) to PSN 335745.00S 1503730.00E
WARRAGAMBA DAM (WAD) to PSN 335306.00S 1503530.00E

4.45 VNC Tindal

4.45.1 AD/ALA/HLS

AMD:
KILLARNEY (YKLE) verified ALA at PSN 161501.00S 1314449.00E
R262C to R276D DARWIN at PSN 143127.68S 1293843.57E

4.45.2 Special use airspace

AMD:
M263G to M277H DARWIN at PSN 134349.80S 1284955.07E

4.46 VNC Townsville

4.46.1 AD/ALA/HLS

Added:
INDET (YNDT) verified HLS at PSN 210534.50S 1485951.50E
Deleted:
PINE VIEW PARK (YPVP) HLS at PSN 211248.00S 1490136.00E

4.46.2 Nav aids

Deleted:
ABN at PSN 192805.00S 1462032.00E

4.46.3 Waypoints

Added:
SHUTE ISLAND (SHUI) at PSN 201746.58S 1484804.00E
TURTLE BAY (TTLB) at PSN 201854.63S 1485949.21E
SOLWAY PASSAGE (SLWP) at PSN 201742.23S 1490355.03E
TONGUE POINT (TGPT) at PSN 201417.48S 1490120.89E
CID ISLAND (CIDI) at PSN 201515.20S 1485502.80E
AMD:
COW ISLAND (COWI) to VFR approach point at PSN 202522.20S 1485040.80E

4.47 VTC Adelaide

4.47.1 Nav aids

Deleted:
ADELAIDE (YPAD) ABN at PSN 345658.00S 1383132.00E

4.47.2 Sports aviation

Added:
MODEL ACFT symbol at PSN 343956.00S 1384316.00E

4.48 VTC Adelaide Inset

4.48.1 Nil changes

4.49 VTC Albury

4.49.1 Nil changes

4.50 VTC Albury Inset

4.50.1 Nil changes

4.51 VTC Alice Springs

4.51.1 Nil changes

4.52 VTC Uluru/Ayers Rock

4.52.1 Nil changes

4.53 VTC Brisbane

4.53.1 Airspace

AMD:
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E

4.53.2 AD/ALA/HLS

AMD:

NOOSA (YNSH) verified ALA at PSN 262524.00S 1530348.00E

4.53.3 Sports aviation

Added:

MODEL ACFT symbol at PSN 273557.00S 1522607.00E

4.54 VTC Broome

4.54.1 Nil changes

4.55 VTC Cairns

4.55.1 Nil changes

4.56 VTC Cairns Inset

4.56.1 Nil changes

4.57 VTC Canberra

4.57.1 Airspace

AMD:MELBOURNE CENTRE 121.2B SFC - BCTA to PSN 353245.69S
1511910.59EMELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S
1490555.69EMELBOURNE EFREQUENCY 125.0A 8500 - FL125 to PSN 344506.44S
1501557.82EMELBOURNE EFREQUENCY 128.4 8500 - FL125 to PSN 343256.43S
1483812.51EMELBOURNE EFREQUENCY 129.8 8500 - FL125 to PSN 342434.65S
1493113.74E**Deleted:**

SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E

SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E

4.57.2 AD/ALA/HLS

Deleted:

CURRANDOOLEY (YCRD) at PSN 351103.66S 1492913.34E

4.57.3 Sports aviation

Added:

MODEL ACFT symbol at PSN 353508.60S 1490350.70E

4.58 VTC Coffs Harbour

4.58.1 Editorial

AMD:

VTC Coffs Harbour backs VTC Newcastle/Williamtown

4.59 VTC Darwin

4.59.1 AD/ALA/HLS

AMD:

BATCHELOR (YBCR) verified ALA to PSN 130313.14S 1310135.16E

RESEARCH STATION to MIDDLE POINT (YCPX) verified ALA at PSN 123508.42S 1311831.84E

4.59.2 Special use airspace

Added:

R276A at PSN 125404.14S 1303751.36E

R276B at PSN 131904.32S 1302246.03E

M277A at PSN 122540.32S 1302057.74E

M277E at PSN 124312.82S 1302622.53E

M277F at PSN 125851.77S 1300138.44E

M278A at PSN 115423.80S 1310457.20E

M278B at PSN 112658.81S 1311347.98E

M278E at PSN 120655.80S 1312140.85E

M278F at PSN 115015.26S 1314528.60E

Deleted:
R262A at PSN 131441.35S 1302524.99E
M263A at PSN 122535.56S 1301801.96E
M263E at PSN 125613.13S 1300549.63E
M240A at PSN 113131.11S 1311220.25E
M240D at PSN 115307.50S 1314123.24E

4.60 VTC Gold Coast

4.60.1 Editorial

AMD:
Modified chart boundary to incorporate Ballina Airspace

4.60.2 Airspace

Added:
BALLINA CONTROL ZONE (D) SFC-1500ft
BALLINA CTA D1 1500-2500ft
BALLINA CTA D2 2500-3500ft
BALLINA CTA D3 3500-4500ft
BALLINA CTA C1 4500-6500ft
BALLINA CTA C2 6500-FL125
AMD:
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE CTA C06 4500-6500ft
BRISBANE CTA C07 6500-7500ft
BRISBANE CTA C08 7500-8500ft
BRISBANE CTA C09 8500-FL125
BRISBANE CTA C10 FL125-FL155
BRISBANE CTA C11 FL155-FL180
BRISBANE EFREQUENCY 134.2 8500-FL125
BRISBANE EFREQUENCY 134.2A FL125-FL180

Deleted:

BALLINA/BYRON MANDATORY BROADCAST AREA 124.2 at PSN 285122.49S 1533429.34E

4.60.3 ATS Communication Facility

Added:

YBNA TOWER/ATIS/APPROACH FREQUENCIES at PSN 285001.60S 1533344.77E

4.60.4 CTAF

Added:

BROOKLET-BLUEBERRY FIELDS (YBBF) 124.2 at PSN 284423.00S 1532914.00E

ALSTONVILLE SOUTH (YAVS) 124.2 at PSN 285254.70S 1532606.20E

4.60.5 Sports aviation

Added:

MODEL ACFT symbol at PSN 285252.70S 1530338.60E

4.60.6 Waypoints

Added:

ABEAM SUFFOLK PARK (ASFK) at PSN 284052.49S 1533720.92E

BORAL QUARRIES (BORQ) at PSN 284913.76S 1533006.68E

BREAKWATER (BRAK) at PSN 285232.87S 1533520.47E

BURNS POINT FERRY (BURN) at PSN 285229.29S 1533140.15E

CLUNES (CLUN) at PSN 284345.21S 1532420.90E

CORAKAI (CORK) at PSN 285916.68S 1531716.46E

DALWOOD (DALW) at PSN 285318.90S 1532433.82E

EPIC FARM (EPFM) at PSN 284640.40S 1533304.95E

EVERLONG (EVLO) at PSN 284636.60S 1532743.80E

LAKE AINSWORTH (LAWT) at PSN 284700.72S 1533530.36E

NEWRYBAR (NEWB) at PSN 284355.30S 1533244.32E

SALTWATER (SALT) at PSN 285531.36S 1532859.58E

WOLLONGBAR (WOBR) at PSN 284910.63S 1532522.17E

4.61 VTC Hobart

4.61.1 Refer section 4, ANNEX A.

4.62 VTC Horn Island

4.62.1 Nil changes

4.63 VTC Horn Island Inset

4.63.1 Nil changes

4.64 VTC Karratha

4.64.1 Special use airspace

Added:
D157 at PSN 203956.20S 1164537.70E
Deleted:
D154 at PSN 204018.00S 1164506.00E

4.65 VTC Launceston

4.65.1 Nil changes

4.66 VTC Mackay

4.66.1 AD/ALA/HLS

Added:
INDET (YNDT) verified HLS at PSN 210534.50S 1485951.50E
Deleted:
PINE VIEW PARK (YPVP) HLS at PSN 211248.00S 1490136.00E

4.67 VTC Mildura

4.67.1 Editorial

AMD:

VTC Mildura chart backs VTC Tamworth

4.68 VTC Melbourne

4.68.1 AD/ALA/HLS

Added:

ROWSLEY (YRWS) verified HLS at PSN 374240.00S 1442239.00E

4.68.2 Nav aids

Deleted:

MELBOURNE (YMML) ABN at PSN 374006.00S 1444955.00E

4.69 VTC Melbourne Inset

4.69.1 Nil changes

4.70 VTC Newcastle

4.70.1 Editorial

AMD:

VTC Newcastle/Williamstown backs VTC Coffs Harbour

4.70.2 Airspace

Added:

SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E

WILLIAMTOWN CTA E01 6500 - 7500ft at PSN 325333.69S
1514040.71EWILLIAMTOWN CTA E02 7500 - 8500ft at PSN 324843.46S
1513553.36EBRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S
1514522.02E

BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E
AMD:
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE EFREQUENCY 123.4A 8500 - FL180 to PSN 323838.01S 1505908.49E
BRISBANE EFREQUENCY 124.8D 8500 - FL180 to PSN 320358.41S 1510034.52E
Deleted:
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
WILLIAMTOWN CTA E 6500 - 8500ft at PSN 324954.78S 1515146.28E
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E

4.71 VTC Newcastle Inset

4.71.1 Nil changes

4.72 VTC Oakey

4.72.1 Sports aviation

Added:
MODEL ACFT symbol at PSN 273557.00S 1522607.00E

4.73 VTC Perth

4.73.1 Special use airspace

Added:
D101 at PSN 313933.25S 1163643.67E

4.74 VTC Perth Inset

4.74.1 Nil changes

4.75 VTC Rockhampton

4.75.1 AD/ALA/HLS

Deleted:

GREAT KEPPEL ISLAND (YGKL) at PSN 231100.00S 1505630.00E

4.76 VTC Sydney

4.76.1 Editorial

Added:

Sydney Basin chart backs VTC SY chart

AMD:

Modified chart boundary

Deleted:

Sydney Inset

4.76.2 Airspace

Added:

WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN 335307.60S 1504226.27E

SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E

SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E

SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E

SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E

BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E

WESTERN SYDNEY CONTROL ZONE (C) SFC - 1500ft at PSN 335307.60S 1504226.27E

SYDNEY CTA C03A 1500 - 2500ft at PSN 335946.76S 1510530.65E

SYDNEY CTA C03B 2000 - 2500ft at PSN 335435.46S 1505815.94E

SYDNEY CTA C04 2500 - 3500ft at PSN 335537.44S 1510603.20E

SYDNEY CTA C08 7500 - 8500ft at PSN 335244.49S 1510203.22E

BANKSTOWN CTA D 1500 - 2000ft at PSN 335435.47S 1505815.94E
BRISBANE EFREQUENCY 125.7C 6500 - 8500ft at PSN 325139.33S 1514522.02E
BRISBANE EFREQUENCY 125.7D 7500 - 8500ft at PSN 324402.02S 1505802.15E
AMD:
BRISBANE FIR SFC - FL600 to PSN 221714.40S 1433718.31E
MELBOURNE FIR SFC - FL600 to PSN 305030.28S 1034013.51E
SYDNEY CONTROL ZONE (C) SFC - 1500ft to PSN 335745.15S 1510739.27E
BANKSTOWN CONTROL ZONE (D) SFC - 1500ft to PSN 335435.46S 1505815.94E
BRISBANE FIR CTA A1 FL180 - FL245 to PSN 242836.55S 1495249.92E
BRISBANE FIR CTA A2 FL245 - FL600 to PSN 221714.38S 1433718.30E
MELBOURNE FIR CTA A1 FL180 - FL245 to PSN 372705.06S 1464237.04E
MELBOURNE FIR CTA A2 FL245 - FL600 to PSN 310707.40S 1031201.63E
SOUTH-EASTERN CTA C1 FL125 - FL155 to PSN 354344.03S 1474128.36E
SOUTH-EASTERN CTA C2 FL155 - FL180 to PSN 354113.38S 1474833.97E
SYDNEY CTA C01A 500 - 1000ft to PSN 335856.33S 1511646.16E
SYDNEY CTA C01B 500 - 1000ft to PSN 335117.53S 1511148.67E
SYDNEY CTA C02 1000 - 1500ft to PSN 335921.05S 1511543.65E
SYDNEY CTA C05 3500 - 4500ft to PSN 335153.33S 1505923.68E
SYDNEY CTA C06 4500 - 5500ft to PSN 335233.44S 1510028.49E
SYDNEY CTA C07 5500 - 7500ft to PSN 335247.21S 1505551.24E
SYDNEY CTA C09 8500 - FL125 to PSN 334804.19S 1505255.26E
SYDNEY CTA C10 1500 - 4500ft to PSN 340232.83S 1504026.01E
EAST COAST CTA E1 8500 - FL125 to PSN 362659.56S 1463746.12E

BRISBANE EFREQUENCY 133.05A 6500 - FL180 to PSN 330215.35S 1502439.96E
MELBOURNE EFREQUENCY 125.0A 8500 - FL125 to PSN 344506.44S 1501557.82E
BRISBANE CENTRE 125.7A SFC - BCTA to PSN 325142.55S 1513209.14E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
MELBOURNE CENTRE 121.2B SFC - BCTA to PSN 353245.69S 1511910.59E
MELBOURNE CENTRE 124.1A SFC - BCTA to PSN 343208.50S 1490555.69E
SYDNEY CENTRE 124.55 SFC - BCTA to PSN 335605.27S 1510645.60E
Deleted:
SYDNEY CTA C03 1000 - 2500ft at PSN 335626.07S 1511758.58E
SYDNEY CTA C04A 1500 - 2500ft at PSN 335458.04S 1505915.69E
SYDNEY CTA C04B 1500 - 2500ft at PSN 340600.13S 1510328.69E
SYDNEY CTA C04C 1500 - 2500ft at PSN 341248.83S 1511806.12E
SYDNEY CTA C11 8500 - FL115 at PSN 335438.05S 1510758.40E
SYDNEY CTA C12 FL115 - FL125 at PSN 334716.80S 1511028.51E
WILLIAMTOWN CTA E 6500 - 8500ft at PSN 324954.78S 1515146.28E
SYDNEY CENTRE 125.8 SFC - BCTA at PSN 334514.83S 1513235.02E

4.76.3 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E
AMD:
WESTMEAD CASB (YXWS)
Deleted:
WESTMEAD HOSPITAL (YWST)

4.76.4 ATS Communication Facility

Added:

SYDNEY/NANCY BIRD WALTON (YSWS) WALTON TWR 128.1 at PSN 335326.99S 1504305.56E

4.76.5 Navaids

Deleted:

NDB BK at PSN 335541.98S 1505918.62E

4.76.6 Route and route segment

AMD:

SYDNEY - NANCY BIRD WALTON - VFR ROUTES - CODED CLEARANCES

4.76.7 Special use airspace

Added:

R407A at PSN 335117.53S 1511148.67E

R407B at PSN 335002.47S 1511144.71E

R479 at PSN 333525.63S 1504753.79E

R480 at PSN 333055.83S 1504458.36E

R481 at PSN 332756.17S 1503913.69E

D594 at PSN 341318.00S 1504006.00E

Deleted:

R405A at PSN 334953.28S 1510858.78E

R405B at PSN 335015.50S 1511418.71E

R469 at PSN 332650.99S 1504005.42E

R470 at PSN 333523.02S 1504800.35E

R494 at PSN 333138.06S 1504431.45E

D539A at PSN 335007.05S 1510201.85E

D539B at PSN 334631.35S 1505831.03E

D552 at PSN 340518.31S 1503253.79E

D556A at PSN 335610.31S 1504936.44E

D556B at PSN 335430.93S 1503845.83E

D593A at PSN 341335.56S 1503933.09E

D593B at PSN 341239.84S 1504117.50E

4.76.8 Topographic

Deleted:
Topographic features around Western Sydney symbol and text for brickworks 334910.20S 1504653.70E
Topographic features around Western Sydney symbol and text for brickworks 334929.30S 1504916.80E
Topographic features around Western Sydney mining area polygon and outline at 334927.30S 1504950.20E
Topographic features around Western Sydney mining area polygon and outline at 334952.00S 1504924.60E

4.76.9 Waypoints

Added:
BRICKWORKS (BWKS) at PSN 335349.86S 1504502.98E
BUNNINGS LEPPINGTON (BLEP) at PSN 335704.14S 1505008.36E
CAMPBELLTOWN RAILWAY STATION (CRST) at PSN 340350.17S 1504850.97E
CASTLE TOWERS (CAST) at PSN 334356.00S 1510017.00E
CECIL PARK INTERSECTION OF M12 AND M7 (CPIT) at PSN 335235.05S 1505032.57E
CROSSROADS SHOPPING CENTRE (CRSC) at PSN 335735.00S 1505245.00E
EDMONDSON PARK STATION (EMPS) at PSN 335809.55S 1505131.76E
ELIZABETH DR AND THE NORTHERN RD INT (EDNR) at PSN 335156.98S 1504153.61E
HOXTON PARK ROAD (HXPR) at PSN 335536.26S 1505148.57E
MOUNT ANNAN GARDENS GREENHOUSE (MAGG) at PSN 340404.17S 1504606.17E
MUIRFIELD GOLF CLUB (MFGC) at PSN 334603.26S 1510059.47E
MULGOA (MULG) at PSN 335051.80S 1503914.03E
NORTH CAMDEN (NCAM) at PSN 340111.92S 1504546.82E
SEVEN HILLS TRAIN STATION (SITS) at PSN 334627.90S 1505611.72E
ST HELENS SKATE PARK (SSKP) at PSN 340607.21S 1504813.88E
VICTORIA BRIDGE (VCBR) at PSN 334446.39S 1504056.24E

4.76.10 Waypoints

AMD:
BROOKLYN BRIDGE (BBG) to PSN 333227.00S 1511145.00E
BRINGELLY (BRY) to PSN 335630.00S 1504342.00E
PROSPECT RESV (PSP) to PSN 334900.00S 1505500.00E
MAYFIELD (MYF) to PSN 335745.00S 1503730.00E
RYDE BRIDGE (RYB) to PSN 334930.00S 1510530.00E
WARRAGAMBA DAM (WAD) to PSN 335306.00S 1503530.00E
Deleted:
INGLEBURN (INGL) at PSN 335818.00S 1505130.00E

4.77 VTC Sydney Inset

4.77.1 AD/ALA/HLS

Added:
VTC SY chart backs Sydney Inset
AMD:
Sydney Inset chart extents - considered as a new chart

4.78 VTC Townsville

4.78.1 Navaids

Deleted:
ABN at PSN 192805.00S 1462032.00E

4.79 VTC Tamworth

4.79.1 Editorial

AMD:
VTC Tamworth chart backs VTC Mildura

4.79.2 Airspace

AMD:
EAST COAST CTA E2 8500 - FL125ft to PSN 243333.72S 1495041.61E
BRISBANE CENTRE 124.8A SFC - BCTA to PSN 315414.81S 1505707.22E
BRISBANE CENTRE 127.1 SFC - BCTA to PSN 301445.77S 1492606.94E
BRISBANE CENTRE 133.05 SFC - BCTA to PSN 324011.55S 1500420.85E
BRISBANE EFREQUENCY 124.8A FL125 - FL245 to PSN 314939.89S 1504019.54E
BRISBANE EFREQUENCY 124.8D 8500 - FL180 to PSN 320358.41S 1510034.52E
BRISBANE EFREQUENCY 127.1 FL125 - FL245 to PSN 301402.53S 1492459.05E
BRISBANE EFREQUENCY 133.05C FL125 - FL245 to PSN 321738.43S 1494853.26E

4.79.3 AD/ALA/HLS

Added:
TARNUK (YTRU) verified ALA at PSN 320248.00S 1502506.00E

4.80 VTC Whitsunday

4.80.1 AD/ALA/HLS

AMD:
DAY DREAM ISLAND (YDDI) verified HLS at PSN 201545.00S 1484845.00E

4.80.2 Waypoints

Added:
SHUTE ISLAND (SHUI) at PSN 201746.58S 1484804.00E
TURTLE BAY (TTLB) at PSN 201854.63S 1485949.21E
SOLWAY PASSAGE (SLWP) at PSN 201742.23S 1490355.03E
TONGUE POINT (TGPT) at PSN 201417.48S 1490120.89E
CID ISLAND (CIDI) at PSN 201515.20S 1485502.80E
AMD:
COW ISLAND (COWI) to VFR approach point at PSN 202522.20S 1485040.80E
Deleted:
DALRYE (DRY) at PSN 201000.00S 1490400.00E
CID HARBOUR (CIH) at PSN 201500.00S 1485600.00E

4.81 PCA

4.81.1 Airspace

AMD:
NORTH EASTERN HF to PSN 212438.24S 1453123.70E
SOUTHERN HF to PSN 305709.63S 1291013.42E

4.81.2 AD/ALA/HLS

Added:
SYDNEY/NANCY-BIRD WALTON (YSWS) certified at PSN 335326.99S 1504305.56E
AMD:
DIRRANBANDI (YDBI) to PSN 283518.20S 1481303.12E
DALY WATERS (YDLW) verified ALA to PSN 161542.00S 1332250.00E
BATCHELOR (YBCR) verified ALA to PSN 130313.14S 1310135.16E
Deleted:
ARGYLE (YARG) at PSN 163812.62S 1282704.82E

5. ANNEX A

Vertical obstructions added/amended/deleted

Add Group Unlit Verified wind turbine 811FT AGL 2783FT AMSL at PSN 26 37 9.57S 151 21 11.33E (VNC BUD, VNC BN)
Add Group Unlit Verified wind turbine 811FT AGL 2553FT AMSL at PSN 26 38 27.86S 151 21 40.47E (VNC BUD, VNC BN)
Add Group Unlit Verified wind turbine 755FT AGL 1296FT AMSL at PSN 37 54 56.22S 143 40 27.37E (VNC ML)
Add Group Unlit Verified wind turbine 755FT AGL 1260FT AMSL at PSN 37 56 11.75S 143 41 32.36E (VNC ML)
Add Group Unlit Verified wind turbine 811FT AGL 2560FT AMSL at PSN 26 36 46.55S 151 15 45.13E (VNC BUD, VNC BN)
Add Unlit Verified OBST 397FT AGL 2973FT AMSL at PSN 42 19 2.24S 146 52 19.42E (VNC HB, VTC HB)
Add Unlit Verified OBST 368FT AGL 3636FT AMSL at PSN 30 40 45.55S 151 23 10.75E (VNC BN, VTC TW)
Add Unlit Verified OBST 368FT AGL 3629FT AMSL at PSN 30 36 15.84S 151 23 18.24E (VNC BN, VTC TW)
Add Lit Verified OBST 525FT AGL 821FT AMSL at PSN 34 55 50.02S 144 57 3.13E (VNC DQ)
Add Lit Verified OBST 525FT AGL 827FT AMSL at PSN 34 58 17.15S 145 0 32.54E (VNC DQ)
Add Unlit Verified OBST 755FT AGL 1352FT AMSL at PSN 37 56 45.89S 143 47 21.91E (VNC ML)
Add Lit Verified OBST 361FT AGL 1415FT AMSL at PSN 37 41 53.71S 143 27 10.76E (VNC ML)
Add Unlit Verified OBST 394FT AGL 3058FT AMSL at PSN 42 10 57.88S 146 44 0.92E (VNC HB)
Add Unlit Verified OBST 470FT AGL 1060FT AMSL at PSN 33 13 20.49S 137 12 23.32E (VNC AD)
Add Lit Unverified OBST 388FT AGL 1362FT AMSL at PSN 32 53 3.01S 116 32 11.55E (VNC PH)

AMD Verified wind turbine to Verified OBST at PSN 24 39 52.91S 150 21 5.93E (VNC BUD, VNC RK)

AMD Verified OBST to Unverified OBST AMSL from 1096ft to 1080ft at PSN 33 52 13.71S 151 12 32.52E (VNC SY, VTC SY, VTC SY Inset)
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OBST dismantled 407FT AGL 2212FT AMSL at PSN 32 10 30.53S 149 23 23.85E (VNC NC)
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6. CANCELLATION

- 6.1 This will be cancelled when replaced or when the information contained within is incorporated into the relevant AIP products.

7. DISTRIBUTION

- 7.1 Airservices Australia website only.