

AUSTRALASIA

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at www.jeppesen.com.
IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.

ENROUTE CHARTS

GENERAL

AUSTRALIA

BIBOOHRA, QLD VOR (BIB) chgd to NONUM NCRP (S16 55.0 E145 24.7).
 BORROLOOLA, NT NDB (BRL) chgd to IBUSU Mil Brk (S16 04.6 E136 18.3).
 BURKETOWN, QLD NDB (BKT) chgd to IPLAV Mil Brk (S17 45.1 E139 31.9).
 CENTURY MINE, QLD NDB (CNY) chgd to KAKTU NCRP (S18 45.2 E138 42.2).
 COOKTOWN, QLD NDB (CKN) chgd to GUPDA CRP (S15 26.9 E145 11.2).
 GEORGETOWN, QLD NDB (GTN) chgd to ISMUN NCRP (S18 17.7 E143 32.9).
 MCARTHUR RIVER MINE, NT NDB (MHU) chgd to ENRES CRP (S16 26.8 E136 04.7).
 MORNINGTON IS, QLD NDB (MTI) chgd to VESOP Mil Brk (S16 39.5 E139 10.2).
 NGUKURR, NT NDB (NGU) chgd to DAPMA Mil Brk (S14 43.5 E134 44.3).
 NYNGAN, NSW NDB (NYN) chgd to ENPAG CRP (S31 33.1 E147 11.7).
 PORTLAND, VIC NDB (POD) chgd to NOGIP NCRP (S38 18.9 E141 28.4).
 TAROOM, QLD VOR (TAM) chgd to UNVAT CRP (S25 48.2 E149 53.8).
 TROUGHTON IS, WA NDB (TTX) chgd to PUIPIV Mil Brk (S13 45.3 E126 08.9).
 TRUSCOTT-MUNGALALU, WA NDB (TST) chgd to DUDIM Mil Brk (S14 05.4 E126 23.2).
 WALGETT, NSW VOR (WLG) chgd to AGETA CRP (S30 01.7 E148 07.7).
 WYNDHAM, WA NDB (WYM) chgd to EGUMI CRP (S15 30.6 E128 09.1).
 VICTORIA RIVER DOWNS, NT NDB (VRD) chgd to OVMIS NCRP (S16 24.3 E131 00.4).

FIJI IS

Within the Nadi FIR MEA raised to FL200 for A578, A597, B452, B598, B599, G224, G593, and R332.

INDONESIA

All existing UTA's within Ujung Pandang FIR withdrawn: Bali West, Bali North, Bali South, Pangkalan Bun, Balikpapan, Ujung Pandang East. New sectorization is as follows:
 Bali UTA centered around Bali VOR (BLI), frequencies 120.7 133.55.
 Makassar UTA S and SW of Makassar VOR (MKS), frequency 133.8.
 Nusa Tenggara UTA S of Praya VOR (LMB), frequencies 128.3 134.85.
 Surabaya UTA W of Surabaya VOR(SBR), frequencies 123.9 125.9.
 Pangkalan Bun UTA centered around Pangkalan Bun VOR (PKN), frequencies 134.1 133.6.

Balikpapan UTA centered around Balikpapan VOR (BPN), frequencies 132.5 128.45.
 Manado UTA centered around Manado VOR (MWB), frequencies 128.1 133.45.
 Ambon UTA centered around Ambon VOR (AMN), frequencies 135.35 134.15.
 Papua UTA centered around Biak VOR (BIK), frequency 133.1
 All UTA's lower limit FL245, upper limit FL600.
 Indonesia ICAO identifiers are changed as follows:
 Bandar Lampung (Radin Inten II) WICT changed to WILL.
 Bengkulu (Fatmawati Soekarno) WIPL changed to WIGG.
 Cilacap (Tunggal Wulung) WIHL changed to WAHL.
 Jambi (Sultan Thaha) WIPA changed to WIJJ.
 Kisar Island (Kisar) WAPQ changed to WATQ.
 Luwuk (Syukuran Aminuddin Amir) WAMW changed to WAFW.
 Malinau (Malinau) WALM changed to WAQM.
 Mamuju (Tampa Padang) WAWJ changed to WAFJ.
 Manokwari (Rendani) WASR changed to WAUU.
 Morotai (Leo Wattimena) WAMR changed to WAEW.
 Mukomuko (Mukomuko) WIPU changed to WIGM.
 Padang Pariaman (Minangkabau Intl) WIPT changed to WIEE.
 Palangka Raya (Tjilik Riwut) WAOP changed to WAGG.
 Palu (Mutiarra) WAML changed to WAFF.
 Pangkal Pinang (Depati Amir) WIPK changed to WIKK.
 Pangkalan Bun (Iskandar) WAOL changed to WAGI.
 Poso (Kasiguncu) WAMP changed to WAFP.
 Ranai (Ranai) WION changed to WIDO.
 Rengat (Japura) WIPR changed to WIBJ.
 Sampit (H. Asan) WAOS changed to WAGS.
 Semarang (Ahmad Yani) WARS changed to WAHS.
 Solo (Adi Soemarmo) WARQ changed to WAHQ.
 Tambolaka (Waikabubak) WADT changed to WATK.
 Tangerang (Budiarto) WICB changed to WIRR.
 Tanjung Pandan (H.A.S. Hanandjoeddin) WIOD changed to WIKT.
 Tanjung Redeb (Kalimarau) WALK changed to WAQT.
 Tarakan (Juwata) WALR changed to WAQQ.
 Tarempa (Matak) WIOM changed to WIDM.
 Ternate (Sultan Babullah) WAMT changed to WAEE.
 Timika (Moses Kilangin) WABP changed to WAYY.
 Waingapu (Umbu Meheng Kunda) WADW changed to WATU.
 Wamena (Wamena) WAJW changed to WAVV.

AUSTRALASIA

Yogyakarta (Adi Sucipto) WARJ changed to WAHH.

PAPUA NEW GUINEA

Following waypoints renamed within the Port Moresby FIR:

BAMPA renamed BEMGO.
BLUFF renamed ANULO.
NARER renamed OKTUX.
ESITA renamed TAXAD.
GUAVI renamed IGPIS.
ISULA renamed OLSOD.
SUNSHINE renamed OMBOG.
SEPIK renamed NILAK.
DAVARA renamed LUKTI.
PALAN renamed LEMUP.
LITAU renamed PADLU.

The following waypoints renamed within the Port Moresby FIR.

BOWER renamed BELUP.
CONDOR renamed ISKEG.
IVORI renamed LUGLI.
KARBA renamed ODOLU.
KARIUS renamed IDSUT.
MARAN renamed OLRIG.
MT.YULE renamed POXIT.
OBURA renamed UPRAP.
SABEN renamed UKETI.
SAMSAI MOUNTAIN renamed OLBOR.
SARKA renamed QPILU.
WRASSE renamed UPSET.

The following waypoints are being renamed within the Port Moresby FIR.

A. HOSKINS renamed BINNA.
CAPE HAPAG renamed HOUJI.
NORTH BOSAVI renamed NODAR.
LONG ISLAND renamed LETKA.
CAPE MENSING renamed MIKIT.
VERON renamed LAVUN.
DICKSON renamed DUKIS.
MIRIL renamed MUKIK.
TIPAS renamed TAVUK.
KARTA renamed KADKA.
PELICAN renamed PELCA.

The following waypoints are renamed within the Port Moresby FIR.

CHALMERS renamed ENTOG.
CORAL renamed GUNKI.
KARKAR renamed GURUG.
MADI renamed LELID.
MONGO renamed AKBOK.
KUBUNA renamed SAKTO.
MTFAVENC renamed UNTIS.
OMALLEY renamed OBLAM.
PORI RIVER renamed PAPTI.
PURARI RIVER renamed GUGPU.
RANARA renamed PINUR.
SOLITA renamed BORBO.

The following waypoints renamed within the Port Moresby FIR .

REEF renamed IRNUS.
SAURI renamed ESKEL.
SEAGULL renamed PALDO.
SIBIN renamed MUBEK.
TEKIN renamed LEBOK.
TRITON renamed GUMOT.
WATUT renamed VIDOT.

WELCH renamed NIXUT.
YATI renamed UGTOK.
COTAL renamed DAKNU.
GULF renamed LUDGA.
MANDA renamed VEBGO.

The following waypoints renamed within the Port Moresby FIR.

KEREMA renamed EPKED.
AYDU renamed ASIXA.
FINSCHHAFEN renamed AVLIX.
AYKK renamed KIBAV.
TEGERAUNA renamed SEKDI.
AYKA renamed TEDED.

AMERICAN SAMOA

OFU VILLAGE, AMERICAN SAMOA CTAF 122.95.
NSTU 10-1A.

AUSTRALIA

ATS ROUTES changed:

B578/Q93 MULET renamed MEPEM **YBBN**.
H247 BOLAM On-Request Int estbld (S34 58.9 E141 28.2) PANKI - BOLAM - NATYA 55/87 NM. Eff 23 May 19. **YPAD, AU HI-10, AU HI-9**.
Q12 redesignated Q33 Adelaide VOR (AD) - Esperance VOR (ESP). **YPAD**.
Q22 established BORTO NCRP (S36 23.6 E140 44.5) - OTBOK CRP (S36 08.6 E135 00.0) 262°/088°, 279NM; OTBOK - CLAMY CRP (S35 51.2 E131 30.0) 268°/092°, 171NM. **YPAD**.
Q46 established one-way W-bnd BORTO - DONBU CRP (S35 39.0 E135 00.0) 268°, 283NM. **YPAD**.
Q168 BOLAM On-Request Int estbld (S34 58.9 E141 28.2) ROBET - BOLAM - KABEK 69/140 NM. Eff 23 May 19. **YPAD, AU HI-10, AU HI-9**.
Q172 withdrawn BORTO - TUNAA. **YPAD**.
W804 withdrawn. VESOP - NONUM. **YBCS 10-1**.
Y79/Y153 VICTA renamed KANKO (S26E149) Eff 23 May 19. **AU HI-10, AU HI-9**.

BRYMAROO (BMR) NDB decmsnd. **YBBN**.
DANGER AREA YB(D)-217 established as follows.
A .5 NM circle centred S12 31 11 E130 55 06.
Altitudes: GND-3000. **YPDN**.
DANGER AREA YB(D)-624 withdrawn (S27 E151) Eff 23 May 19. **YBBN**.
DANGER AREA YM(D)-197 times of ops chgd to SR-SS; O/T by NOTAM. Eff 23 May 19. **YPPH**.
LAUNCESTON CTA between 20 NM and 25 NM S of Launceston VOR (LT) vertical limits 4500' - FL180 and 25NM to 30 NM S of LT VOR vertical limits 6500' - FL180. **YMHB**.
RESTRICTED AREA YB(R)-211 estbld. A 3NM circle approx 65 NM SW of Tindal, NT (TN) VOR. Altitudes GND - 9500' MSL. Eff 23 May 19. **AS H/L-4/2D**.
RESTRICTED AREA YB(R)-212 vertical limits chgd to GND - 9500' MSL SW of Tindal, NT (TN) VOR. Eff 23 May 19. **AS H/L-4/2D**.
RESTRICTED AREA YB(R)-250 established SW of Tindal apt (YPTN). Boundary has same lateral limits as YB(R)-225D. Altitudes: GND-9500. **YPDN**.
RESTRICTED AREA YB(R)-633A/B redesign YB(R)-627. Altitudes: GND-2000. **YBBN**.

AUSTRALASIA

RESTRICTED AREA YM(R)-178 redesign YM(R)-179 (N of Perth, WA [PH] VOR). Eff 23 May 19. **AU HI-9/6C, YPPH.**

RESTRICTED AREA YM(R)-231 times of ops chgd to 2230-SS Mon-Fri, except holidays; O/T by NOTAM. Eff 23 May 19. **YPAD.**

RESTRICTED AREA YM(R)-358A redesign YM(R)-359C. Altitudes: 6000-FL210. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-358B redesign YM(R)-359D. Altitudes: 4000-FL210. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-358C redesign YM(R)-359E. Altitudes: 6000-FL210. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-358D redesign YM(R)-359F. Altitudes: 4000-FL210. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-358E redesign YM(R)-359G. Altitudes: 6000-FL210. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-359B estbld. A circle with a 20NM radius centered on S38 05.9 E147 09.0 then bounded on the NW by the shoreline. Altitudes: 1000-6000. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-359H estbld. A circle with a 50NM radius centered on S38 05.9 E147 09.0. Altitudes: FL210-FL450. **AU HI-9/8C.**

RESTRICTED AREA YM(R)-428 redesign YM(R)-430B. Altitudes: 3500-4500. **YSCB.**

RESTRICTED AREA YM(R)-429 redesign YM(R)-430C. Altitudes: 4500-10000. **YSCB.**

RESTRICTED AREA YM(R)-430A estbld. A circle of 2 NM radius centered on S35 24.0 E148 58.8. Altitudes: GND-3500. **YSCB.**

TEMPORARY TRAINING AREA WYNDHAM estld 1600 UTC 1 MAR 19 to 1030 UTC 31 DEC 2019. A circle within a 10 nm radius centered on Wyndham aerodrome (YWYM). Altitudes: GND - 8000'. Time of operation: by notam. **AS H/L-4/2C, 2D.**

TEMPORARY TRAINING AREA WYNDHAM estld 1600 UTC 1 MAR 19 to 1030 UTC 31 DEC 2019. A circle within a 15 nm radius centered on Wyndham aerodrome (YWYM). Altitudes: 8000' MSL - FL180. Time of operations: by notam. **AS H/L-4/2C, 2D.**

TEMPORARY TRAINING AREA WYNDHAM estld 1600 UTC 1 MAR 19 to 1030 UTC 31 DEC 2019. A circle within a 70nm radius NE and 75nm S-SW centered on Wyndham aerodrome (YWYM). Altitudes: FL180 - FL550 MSL. Times of operations: by notam. **AS H/L-4/2C, 2D.**

TINDAL CONTROL ZONE redesign. An irregular shaped area bounded to the SW by a 30NM circle centered on Tindal apt (YPTN) then annexed to the NE by a circle of 10NM centered on YPTN vertical limits GND-1500. An irregular shaped area bounded to the SW by a 30 NM circle centered on YPTN then bounded to the N and E by a 20NM circle centered on YPTN then bounded to the SE by a 10NM circle centered on YPTN vertical limits 1500-2500. A circle of 30 NM centered on YPTN vertical limits 2500-10000. **YPDN.**

FIJI IS

ATS ROUTES changed:

G223 Nauru I. VOR (NI) - BULRO MEA FL245; BULRO - ESDOX FL200. **NFFN 10-1, NFFN 10-1A.**

H31 LATKA - GUSMA 293°/114°, 108NM. **NFFN 10-1, NFFN 10-1A.**

MANOA, MAVUA, and VIDAP withdrawn. **NFFN 10-1.**

RESTRICTED AREA NFR1 estbld. An irregular shaped area approx .8 NM S-N by approx .9 NM E-W beginning approx 10 NM SW of Nausori VOR. Altitudes GND - FLO25. **NFFN 10-1.**

FRENCH PACIFIC OVERSEAS TERR.

ATS ROUTES changed:

R11 established one-way W-bnd VAITE - UBKIM CRP (S16 41.3 W151 01.7) 279°, 65NM, MEA 4000; UBKIM - BAMBI CRP (S16 26.6 W151 45.1) 277°, 44NM; BAMBI - MEKES 260°, 28NM. **NTAA.**

R12 established one-way W-bnd UBKIM CRP (S16 41.3 W151 01.7) - RULOM CRP (S16 43.4 W151 28.0) 253°, 25NM, MEA 5000. **NTAA.**

T1 withdrawn VAITE - NIVAL - NOBUG - NOMIS. **NTAA.**

T2 SUDOR CRP estbld (S16 43.9 W151 47.7) Maupiti NDB (MA) - SUDOR - SARMI 31/12NM. **NTAA.**

INDONESIA

ATS ROUTES changed:

L762 redesign ODD Cruise Levels ANSAX - MIBEL. **WIMM, WSSS 10-1A.**

W16S MEA 10500 Bandung VOR (BND) - Cirebon NDB (CA). **WIII 10-1, WIII 10-1A.**

W16S redesign OPPOSITE Cruise Levels KIDET - Cirebon NDB (CA) **WIII 10-1A.**

BANDA ACEH and MEDAN UTA upper limit FL600. **WIMM.**

BANDUNG CTR extended to the east to the Jakarta East CTA boundary and extended approx 7NM to the north. **WIII 10-1, WIII 10-1A.**

CIREBON CTR withdrawn. **WIII 10-1A.**

DANGER AREA W(D)-22 upper vertical chgd to FL300 [W of Yogyakarta VOR (JOG)] **WIII.**

EDNE VORDME comsnd. Ident 'NDE', freq 112.9, coords at S08 50.9 E121 39.9. **AS H/L-4/1C.**

HAJI HASAN AROEBESMAN NDB comsnd. Ident 'DE', freq 350, coords at S08 50.9 E121 39.9. **AS H/L-4/1C.**

MAJALENGKA CTR estbld. An irregular shaped-area approx 55 NM N-S by 83 NM E-W centered on Cirebon NDB (CA). Altitudes GND - 10000' MSL. Class 'C'. Times of operation Mon - Fri 2300-1200. **WIII.**

MEDAN WEST renamed BANDA ACEH and MEDAN EAST renamed MEDAN upper limit FL600. **WIMM.**

PALANGKARAYA NDB (FK) decmsnd. (S02 E114) **AS HL-1, AS HL-3.**

PALEMBANG NDB (OW) decmsnd. **AS H/L-3/6C.**

PALEMBANG NDB (WW) decmsnd. **AS HL-3/6C.**

RESTRICTED AREA W(R)-24 established. An irregular-shaped area approx 36 NM S-N by approx 40 NM E-W beginning approx 30 NM SE of Jakarta VOR. Altitudes: GND-5000' MSL. **WIII 10-1.**

AUSTRALASIA

RESTRICTED AREAS WI(R)-25/26/27/28/29/30 estbld. A series of irregular-shaped areas between D30 and D100/Pekanbaru VOR (PKU) within the Jakarta FIR. Excluding within 10 NM of each of the following airways: W12/W22/N633/R469/A585/N628/P570. Altitudes GND - FL240. Times of operation H24. **WIMM, WSSS.**

MALAYSIA

ATS ROUTES changed:

M522 ELPOX (N04 53.3 E115 53.8) and ENBAX (N06 44.0 E116 05.5) NCRPs established. MAMOK - ELPOX - Kota Kinabalu VOR (VJN) - ENBAX - NODIN 49/61/50/87 NM. **WBSB.**
M758 OLKIT - VIDIP MEA FL240. **WBSB.**
R461 redesiG Bi-directional Kuala Lumpur VOR (VKL) - PUGER. **WMKK, WIMM, WSSS 10-1A.**
R467 changed to bi-directional Kuala Lumpur VOR (VKL) - GUNIP. **WMKK 10-1, WIMM 10-1, WSSS 10-1A.**
W441 ESOB CRP established (N05 21.4 E114 40.7). DOGOG - ESOB - UKIBA 33/22 NM. **WBSB.**
Y446 ADLEX NCRP established (N05 55.5 E115 15.2). Kota Kinabalu VOR (VJN) - ADLEX - PADLO 47/73 NM. **WBSB.**

DANGER AREA WM(D)-413A changed to WM(D)-420 lateral limits modified to be parrallel to G468 between GUNIP - Penang VOR (VPG). **WIMM.**
DANGER AREA WM(D)-421 established. An irregular shapped area approx 29 NM N-S by approx 18 NM E-W 44 NM W of Ipoh VOR. Altitudes GND - UNL. **WIMM.**
Miri NDB (MYY) decmsnd. **WBSB.**
MIRI TMA Class C vertical limit 2500'-10000' MSL, Class B vertical limit 10000' MSL-FL145. **WBSB.**
MULU CTR withdrawn and -Apt redesiG VFR. **AS H/L-1/5A, WBSB.**
RESTRICTED AREA WB(R)-518 extended 10 NM to the SW (NW of Labuan VOR (VLB)). **WBSB.**
RESTRICTED AREA WB(R)-527 established NE of Kinabalu VOR (VJN) as follows: Ac circle with a 2 NM radius centered on N06 04.8 E116 06.3. Altitudes: GND-500'. **WBSB.**
RESTRICTED AREA WM(R)-MARKAS estbld. An irregular shaped area 5 NM S-N by approx 7 NM E-W beginning approx 2 NM W of Kong Kong NDB (KK). Altitudes 2000' - 5000'MSL. **WSSS.**

NEW CALEDONIA

ATS ROUTES changed:

R599 NONON CRP established (S23 19.5 E169 52.5). ELSAX - NONON - SADIM 251/150 NM. **NWWW 10-1.**
DANGER AREA NW(D)-2 upper limit chgd to FL235 (NW of Tontouta VOR (LTO)). **NWWW.**
DANGER AREA NW(D)-3 upper limit chgd to FL235 (S of Tontouta VOR (LTO)). **NWWW.**
DANGER AREA NW(D)-5 upper limit chgd to FL195 (SE of Tontouta VOR (LTO)). **NWWW.**
DANGER AREA NW(D)-6 upper limit chgd to FL195 (E of Tontouta VOR (LTO)). **NWWW.**
RESTRICTED AREA NW(R)-3A upper limit chgd to FL205 (SE of Tontouta VOR (LTO)). **NWWW.**

NEW ZEALAND

ATS ROUTES changed:

A578, Auckland VOR (AA) - KALAG MEA 3200 FT. **NZAA 10-1.**
H136 withdrawn Great Barrier (GB) NDB - Auckland (AA) VOR. Eff 23 May 19. **AS HL-7/6A, NZAA.**
Q136 estbld Auckland (AA) VOR - BOVRU CRP (S36 21.2 E175 12.1) 015°/195°, 33NM, MOCA 1600T; BOVRU - DOSKO CRP (S36 24.6 E175 19.3), 10NM, MOCA 3900T; DOSKO - Great Barrier (GB) NDB, 12NM, MOCA 3200T. Eff 23 May 19. **AS HL-7, NZAA.**
Q555 estbld KAPTI CRP (S40 37.9 E174 59.8) - BINIT CRP (S40 36.1 E175 09.5) 054°/234°, 8 NM, MOCA 1400T. Eff 23 May 19. **NZWN.**
Q606 estbld Wellington (WN) VOR - KABKA CRP (S41 42.8 E170 05.5) 240°/063°, 214 NM, MOCA 8300T. Eff 23 May 19. **AS HL-6, AS HL-8, NZWN.**
Q642 estbld Wellington (WN) VOR - VANDA CRP (S42 25.3 E169 20.7) 231°/054°, 254 NM, MOCA 8000T. Eff 23 May 19. **AS HL-6, AS HL-8, NZWN.**
Q747 MUKRA (S40 56.6 E173 13.1) and DUGUP (S40 48.5 W173 05.3) CRPs estbld. ELMAX - MUKRA 10 NM, MOCA 2800T; MUKRA - DUGUP - MARKO 10/10 NM, MOCA 3400T. Eff 23 May 19. **AS HL-8, NZWN.**
T34 established one-way S-bnd ELKIG CRP (S39 03.1 E173 18.5) - TPAPA 131°, 112NM, MOCA 1200T. **AS H/L-7/6D, 7C, AS H/L-8/4A, NZWN.**
T46 established one-way S-bnd Auckland VOR (AA) - NUTRA CRP (S37 48.0 E173 48.0) 205°, 68NM, MOCA 2000T; NUTRA - ELKIG CRP (S39 03.1 E173 18.5) 177°, 79NM, MOCA 1200T; ELKIG - MIDUB 188°, 194NM, MOCA2900T. **AS HL-8/3A-B, 4A, ASHL-7/6C-D, NZAA.**
T92 established one-way S-bnd ELKIG CRP (S39 03.1 E173 18.5) - Nelson VOR (NS) - 161°, 135NM, MOCA 5000T. **AS HL-7/6D, AS HL-8/3B, 4A, NZWN.**
V138 withdrawn Surrey NDB (SY) - Whakatane NDB (WK). **NZAA 10-1A.**
Y341 realigned BIVER CRP (S40 47.9 E173 14.0) - SEBRU, 24 NM, MOCA 1200T. Eff 23 May 19. **AS HL-8, NZWN.**
Y445 withdrawn DUKUT - OMBUB (N39 E175). Eff 23 May 19. **AS HL-7, NZWN.**
Y832 estbld one-way SW-bnd KARRL CRP (S37 E174) - EKALI CRP 182°, 24 NM, MOCA 1200T. Eff 23 May 19. **AS HL-7, NZAA.**

A580, Auckland VOR (AA) - AGREX MOCA 3500T. **NZAA 10-1.**
ADKOS HOLDING estbld; 082° inbound track, RIGHT turns. **AS H/L-6/2C, AS H/L-8/1B.**
AKDOL HOLDING minimum altitude should read 4300'. **NZAA.**
DOVOT HOLDING estbld; 164° inbound track, RIGHT turns. **AS H/L-8/2A.**
ELRUV HOLDING estbld; 219° inbound track, LEFT turns. **AS H/L-8/2C.**
LIBLA HOLDING estbld; 120° inbound track, LEFT turns. **AS H/L-6/2C, AS H/L-8/1B.**
UPNIX HOLDING estbld; 216° inbound track, LEFT turns. **AS H/L-8/2C.**

AUSTRALASIA

PAPUA NEW GUINEA

KEREMA --Apt redesig VFR. **AYPY**.
 KEREMA --Apt redesig VFR. **AYPY**.

SINGAPORE

ATS ROUTES changed:

L762 estbld ASUNA - MIBEL 291°/111°, 66 NM, MEA 9500, OPPOSITE Cruise Levels. **WIMM, WSSS 10-1A**.

The following waypoints are being renamed within Singapore FIR.

- B469, [FIR07] renamed [FIRJ1]
 - B470, [FIR10] renamed [FIRJ2]
 - G579, [FIR11] renamed [FIRJ3]
 - B338, [FIR09] renamed [FIRJ4]
- WSSS**.

MILITARY TRAINING AREA Light Aircraft Training Area A SW of Sembawang (AG) Redesig Light Aircraft Training Area A (East) and Light Aircraft Training Area A (West). **WSSS 10-1**.

TRAINING AREA WS (T)-B vertical limits chgd to 4500' - 10500' MSL and WS(T)-C vertical limits chgd to 4500' - 10500' MSL (W of Papa Uniform VOR PU)). **WSSS/10-1**.

SOLOMON IS

ATS ROUTES changed:

A598 , OBLIB renamed DASSA CRP at S10 23.1 E159 42.3; Honiara VOR (HN) - DASSA - GURVA, 60/40 NM. **AS H/L-2/4D, AS H/L-5/6B**.

TONGA

ATS ROUTES changed:

A592 GOBIL CRP estbld (S20 04.8 W174 38.2) Fua'Amotu VOR (TBU) - GOBIL - ISDOT 75/276 NM. **NSTU**.

B575 KETUP (S22 21.4 W175 45.3) and EKEDI (S20 10.5 W174 26.3) CRPs estbld. REPOL - KETUP - Fua'Amotu VOR(TBU) - EKEDI - OGELA 178/75/75/264 NM. **NSTU**.

TERMINAL CHARTS

GENERAL

INDONESIA

Procedure title VOR DME changed to VOR, note 'DME required' added: WAAA (13-1) (13-2) (13-3) (13-4); WABI (13-1); WAEE (13-1); WAEK (13-1) (13-2) (13-3) (13-4); WAFW (13-1); WAGG (13-1); WAGI (13-1) (13-2); WAHQ (13-1) (13-2); WAHS (13-1) (13-2); WALL (13-1) (13-2); WAMG (13-1); WAMM (13-1) (13-2); WAQT (13-1) (13-2) (13-3); WARR (13-1); WASK (13-1); WATK (13-1).

Procedure title VOR DME changed to VOR, note 'DME required' added: WIBB (13-1) (13-2); WIDD (13-1); WIDN (13-1) (13-2); WIEE (13-1) (13-2); WIGG (13-1) (13-2); WIKK (13-1) (13-2); WILL (13-1) (13-2); WIMN (13-1) (13-2); WIPB (13-1) (13-2); WITT (13-1) (13-2).

Within JAKARTA and UJUNG PANDANG FIRs, WEST of Longitude 135°E: Trans level: FL 130, Trans alt: 11000'. Within UJUNG PANDANG FIR, EAST of Longitude 135°E Trans level: FL 180, Trans alt: 18000'.

NEW ZEALAND

- Airspace M309 replaces M310.
- (NZAR) (NZGR) (NZMB) (NZWP) - ATC call sign Auckland Control for approach control service on frequencies 124.3 MHz, 129.6 MHz, 120.1 MHz, and 129.5 MHz is changed to Auckland Approach.
- (NZAS) - ATC call sign Christchurch Control for approach control service on frequencies 120.9 MHz, 126.1 MHz and 128.75 MHz is changed to Christchurch Approach.
- (NZOH) (NZPM) - ATC call sign Ohakea Control for approach control service on frequencies 120.4 MHz, 125.1 MHz, 128.5 MHz and 123.2 MHz is changed to Ohakea Approach.
- (NZRO) (NZTQ) (NZTH) - ATC call sign Christchurch Control for Bay control service on frequencies 125.3 MHz, 119.5 MHz, 123.6 MHz and 123.8 MHz is changed to Bay Approach.
- (NZWB) - ATC call sign Wellington Control for approach control service on frequencies 119.3 MHz, 122.3 MHz, 121.1 MHz and 119.75 MHz is changed to Wellington Approach.

TERMINAL

- Adelaide**, South Australia, (Adelaide Intl), Transition level should read as FL 110.
- Alotau**, Papua New Guinea, (Gurney), IATA code GUR added.
- Ashburton**, New Zealand, [10-9] Rwy 16/34 edge light spacing - 100m.
- Auckland**, New Zealand, (Ardmore), Rwy 03/21 edge light spacing established to 60m.
- Auckland**, New Zealand, (Auckland Intl), ATIS changed to D-ATIS.
- Auckland**, New Zealand, (Whenuapai (Military)), ATIS changed to D-ATIS.
- Blenheim**, New Zealand, (Woodbourne (Military)), ATIS changed to D-ATIS.
- Brisbane**, Queensland, (Brisbane Intl), Transition level should read as FL 110.
- Busseton**, Western Australia, Transition level should read as FL 110.
- Chatham Is**, New Zealand, (Chatham Is/Tuuta), Low intensity approach lighting system 1 bar configuration activated.
- Christchurch**, New Zealand, (Christchurch Intl), ATIS changed to D-ATIS.
- Darwin**, Northern Territory, (10-9A) Rwy11/29. Central 45m (148') width grooved. Surface texture variable on outer 7.5m (25') width ungrooved sections. 91m (299') concrete ends Rwy 11/29 ungrooved.
- Dili**, Indonesia, (Pres Nicolau Lobato Intl), (13-1) Procedure title VOR DME-B, C & D changed to VOR-B, C & D. Note 'DME required' added.
- Dunedin**, New Zealand, ATIS changed to D-ATIS.

AUSTRALASIA

East Sale, Victoria, (East Sale (Military)), (11-3) ILS-X OR LOC-X RWY 22 (14-2) TACAN RWY 22 Waypoint JEWEL ident changed to ENKIL. Eff 23 May 19.

Gisborne, New Zealand, ATIS changed to D-ATIS.
Gladstone, Queensland, (10-9) Rwy 10/28 grooved 98' (30m) wide.

Hamilton, New Zealand, ATIS changed to D-ATIS.

Ipoh, Malaysia, (Sultan Azlan Shah), Rwy 04 PAPI-L changed to PAPI.

Jakarta, Indonesia, (Soekarno-Hatta Intl), Ground communications added:

Ground THREE (for movement to and from APRON G and H): 123.15 MHz Eff 23 May 19.

Rwys 07L/025R, 07R/025R PAPI changed to PAPI-L.

Jayapura, Indonesia, (Sentani), Rwy 30 approach lights: SALS changed to HIALS.

Karratha, Western Australia, (10-9A) Runway lights intensity changed to medium.

Kendari, Indonesia, (Haluoleo), Rwy 26 ALS removed.

Kota Bharu, Malaysia, (Sultan Ismail Petra), Rwy 10 - PAPI on both sides.

Kota Kinabalu, Malaysia, (13-3) VOR Z RWY 20; (13-4) VOR Y RWY 20 VJN VOR/DME name to be read as 'KOTA KINABALU'.

Langkawi I., Malaysia, (Langkawi Intl), (10-9) Take-off Rwy 03 not authorized.

Latrobe Valley, Victoria, IATA code is TGN.

Leonora, Western Australia, Transition level should read as FL 110.

Lubuk Linggau, Indonesia, (Silampari), IATA code is LLJ.

Rwy 20 PAPI changed to PAPI-L.

Meekatharra, Western Australia, Rwy 09-27 PAPI activated, angle 3.0°, MEHT 48 FT.

Melbourne, Victoria, (Melbourne Intl), Transition level should read as FL 110.

Napier, New Zealand, ATIS changed to D-ATIS.

Nelson, New Zealand, ATIS changed to D-ATIS.

New Plymouth, New Zealand, ATIS changed to D-ATIS.

The aerodrome operator advises that construction has commenced on a new terminal to the immediate west of Terminal 1. A new Stand 1 (to the west of existing Stand 2) will be created. It is anticipated that there will be some minor disruption when this occurs. Notification during these times will be by NOTAM. Construction is expected to continue to the end of 2019.

Twy between B2 & A1 that leads to grass runway withdrawn. Eff 23 May 19.

Ohakea, New Zealand, (Ohakea(Military)), ATIS changed to D-ATIS.

Osborne Mine, Queensland, (10-9) CAUTION RPA operations conducted within 3 NM radius of Aerodrome from ARP up to 400 ft AGL.

(10-9) Rwy 12-30 lights standby power available (30 sec).

Padang Pariaman, Indonesia, (Minangkabau Intl), Runway 15/33 PAPI changed to PAPI-L.

Palmerston North, New Zealand, ATIS changed to D-ATIS.

Perth, Western Australia, (Perth Intl), Transition level should read as FL 110.

Port Hedland, Western Australia, (Port Hedland Intl), Aerodrome beacon not avbl.

Port Moresby, Papua New Guinea, (Jacksons), (10-9) Stub Twy L between Twy A and VIP/Cargo Apron closed.

Praya, Indonesia, (Lombok Intl), Rwy 31 MALS should read HIALS.

Queenstown, New Zealand, ATIS CHANGED TO D-ATIS.

HIALS rwy 05/23 available.

Rotorua, New Zealand, ATIS changed to D-ATIS.

Singapore, Singapore, (Changi), (10-9) Terminal 4 construction completed. South Apron under construction.

(11-1) ILS DME Rwy 02L, (11-1A) ILS DME Rwy 02L CAT II, (11-2) ILS DME Rwy 02C, (11-3) ILS DME Rwy 20C, (11-3A) ILS DME Rwy 20C CAT II, (11-4) ILS DME Rwy 20R, (12-1) RNAV (GNSS) Rwy 02L, (12-2) RNAV(GNSS) Rwy 02C, (12-3) RNAV (GNSS) Rwy 20C, (12-4) RNAV (GNSS) Rwy 20R. TCH in profile should be read as 56'.

Runway 02C approach lighting reduced from 900m to 810m

Speed Control Procedures for Arrivals. All arrivals into Singapore Changi Airport will be issued instructions by ATC to maintain 180 KT till 8 NM from touchdown and thereafter 150 KT till 4 NM from touchdown.

Solo, Indonesia, (Adi Sumarmo), Runway 26 ALS updated to HIALS.

Springhill, New Zealand, Aerodrome is closed for all operations.

Surabaya, Indonesia, (Juanda), Rwy 10 and Rwy 28 approach lighting changed to HIALS 900m High Intensity.

Sydney, New South Wales, (Kingsford Smith Intl), Rwy 34R - HIAL installed, length 346m.

Transition level should read as FL 110.

Tanjung Pinang, Indonesia, (Raja Haji Fisabilillah), (10-9, 13-1, 13-2, 16-1, 16-2) ALS changed to MALS on Rwy 04.

Tauranga, New Zealand, ATIS changed to D-ATIS.

Wellington, New Zealand, (Wellington Intl), ATIS changed to D-ATIS.