

AFR HIGH ALTITUDE SUP

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

ATS ROUTE SYSTEM (HIGH) revised within ACCRA FIR, DAKAR OCEANIC UIR, DAKAR UIR and ROBERTS FIR. For details refer to CHART SUPPL A(HI)-1A & 1B. **A HI-1/5to7, A HI-2/1to3.**

LIBYA / MALTA

ATS ROUTE SYSTEM revised. For details refer to CHART SUPPL A(H/L)-2C. **A HI-3/2to4, A HI-4/9, A HI-5/1&2.**

SOUTH AFRICAN REP

ATS ROUTE SYSTEM revised. For details refer to CCN 305. **A HI-4/7&8, A HI-6/6&7.**

ACCRA FIR

CRP TENTA estbld at S0130.0 E00635.0. **A HI-2/1.**

ANGOLA**ATS ROUTES changed:**

UB733F, ANUBI (S0600.0 E01620.0) via Luena VOR (VUE) to BUGRO, MAA withdrawn, upper limit UNL. **A HI-4/2to5.**

UN184 estbld: CRP EGNAB at S1425.5 E01117.4 - CRP Namibe VORDME (VMO), 143°/323°, 71NM; Namibe VORDME - CRP UNPIP at S1721.6 E01418.9, 145°/324°, 177NM; EGNAB via Namibe VORDME to UNPIP, MEA FL250, MAA FL450. **A HI-4/4.**

UN187 estbld: CRP Luanda VORDME (VNA) - CRP ARGOL at S1007.9 E01337.4, 171°/349°, 80NM; ARGOL - NCRP UVAMO, 169°/350°, 40NM; UVAMO - NCRP ILGOL at S1242.1 E01423.2, 170°/350°, 120NM; ILGOL - CRP ANVAG, 171°/353°, 290NM; Luanda VORDME to ANVAG, MEA FL250, MAA FL450. **A HI-4/2to4.**

UN189 estbld: CRP BUDEL (S0553.0 E01441.0) - NCRP UDMET at S0801.4 E01459.8, 176°/355°, 129NM; UDMET - NCRP TETAM at S0817.1 E01502.4, 174°/354°, 16NM; TETAM - NCRP OKNOM at S0830.9 E01504.5 - NCRP NERAX at S0849.5 E01507.4 - NCRP GEROD at S0916.5 E01511.6, 175°/355°, 14/19/27NM; GEROD - NCRP GEVUM at S0945.2 E01516.0 - NCRP ETMOR at S1100.7 E01528.0, 176°/356°, 29/76NM; ETMOR - CRP Huambo VORDME (VHU), 176°/357°, 109NM; Huambo VORDME - CRP TETOK at S1719.9 E01632.5, 176°/359°, 274NM; BUDEL via Huambo VORDME to TETOK, MEA FL250, MAA FL450. **A HI-4/2to4.**

UN190 estbld: CRP Luanda VORDME (VNA) - CRP UDANO, 196°/015°, 80NM; UDANO - CRP ETBON, 195°/015°, 40NM; ETBON - NCRP OKTAG at S1229.0 E01238.4, 195°/016°, 100NM; OKTAG - CRP Namibe VORDME (VMO), 196°/019°, 168NM; Namibe VORDME - CRP OKDOL at S1707.8 E01244.7, 172°/353°, 117NM, EVEN levels SE-bound; Luanda VORDME via Namibe VORDME to OKDOL, MEA FL250, MAA FL450. **A HI-4/2to4.**

BOTSWANA**ATS ROUTES changed:**

UB400, Francistown VORDME (FTV) replaced by CRP Francistown VORDME (FNV); KUTLA - Francistown VORDME, 038°/213°; Francistown VORDME - KULBU, 062°/241°. **A HI-4/5&6, A HI-6/5&6.**

UB540, Francistown VORDME (FTV) replaced by CRP Francistown VORDME (FNV). **A HI-4/5&6, A HI-6/5.**

UM214, Francistown VORDME (FTV) replaced by CRP Francistown VORDME (FNV); UDKOL - Francistown VORDME, 64NM. **A HI-4/5&6, A HI-6/5.**

UR544F, Francistown VORDME (FTV) replaced by CRP Francistown VORDME (FNV). **A HI-4/5&6, A HI-6/5.**

FRANCISTOWN VORDME (FNV) 113.0 cmsnd at S2108.1 E02725.6. **A HI-4/5, A HI-6/5.**

FRANCISTOWN VORDME (FTV) decmsnd. **A HI-4/5&6, A HI-6/5.**

BRAZZAVILLE FIR-UIR**ATS ROUTES changed:**

UR987F, Tchibanga VOR (TB) withdrawn; TAPIL - Pointe Noire VORDME (IT), 200NM. **A HI-3/9, A HI-4/1&2.**

CRP TENTA estbld at S0130.0 E00635.0. **A HI-2/1.**

CANARY IS

LANZAROTE VORDME (LTE) freq chgd to 114.4 at N2856.9 W01336.1. **A HI-1/2.**

COTE D'IVOIRE

DI(P)-AREA 43EME BIMA estbld: N0515.9 W00357.4 - N0515.6 W00356.6 - N0514.9 W00356.8 - N0515.1 W00357.3 - N0515.8 W00357.6 - N0515.9 W00357.4, GND-UNL. **SUPPL A (HI)-1B.**

DAKAR OCEANIC FIR-UIR**ATS ROUTES changed:**

UL435, ASOBU (N0421.2 W02413.6) - BITEX, withdrawn. **A HI-1/7.**

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DAKAR UIR

ATS ROUTES changed:

UA600F, Nouadhibou VORDME (PE) to Nouakchott VORDME (KC) and PITMA - ONUSI, redesignated UA600. **A HI-1/4, A HI-2/4.**
 UB735F, ONTOL (N1615.0 W00616.3) to POTOL, redesignated UB735. **A HI-2/5.**
 UR866G, BULIS (N2740.0 W00908.5) to OPULU, redesignated UR866. **A HI-2/5&6.**
 UR977G, EREMO (N1615.0 W00812.4) to POVAS, redesignated UR977. **A HI-1/4, A HI-2/5.**
 UR981F, BULIS (N2740.0 W00908.5) to POTOL, redesignated UR981. **A HI-1/3, A HI-2/5&6.**

EGYPT

ATS ROUTES changed:

B12, El Daba VORDME (DBA) - KATAB, MAA withdrawn, upper limit UNL; KATAB via El Kharga VORDME (KHG) to Abu Simbel VORDME (SML), MAA FL160. **A HI-5/2to4.**
 L321, Abu Simbel VORDME (SML) to KATAB, MEA FL160, MAA FL450. **A HI-5/2to4.**
 P557, KATAB (N2925.0 E02905.1) to NUBAR, MEA FL160, MAA FL450. **A HI-5/2to4.**
 V604, Borg El Arab NDB (DJ) replaced by CRP ALPAM at same position. **A HI-5/2.**
 W3, El Daba VORDME (DBA) to ANTAR, redesignated L551. **A HI-5/1&2.**
 W11, MILAD (N3202.0 E03104.1) - LAKTO, redesignated N307. **A HI-5/1&2.**
 W616, GIBAL (N2437.2 E03634.7) to Luxor VORDME (LXR), redesignated M686. **A HI-5/3, A HI-7/1&2.**

BORG EL ARAB NDB (DJ) decmsnd. **A HI-5/2.**
 RNAV required at or above FL160.
A HI-5/COVER PANEL, A HI-8/7.

ETHIOPIA

ATS ROUTES changed:

UG300, OKNUL (N0613.6 E04002.3) renamed UTSOR. **A HI-5/7, A HI-7/6.**
 UM216, OKNUL (N0613.6 E04002.3) renamed UTSOR and EGMEP renamed XAPSA. **A HI-5/7, A HI-7/5&6.**
 UM997, APKAR (N0534.0 E04055.8) and NIGUS withdrawn; IBTAN - ETLOT, 123NM, MEA 12000'. **A HI-7/5&6.**
 UR780, EGMEP (N0814.7 E04230.3) renamed XAPSA. **A HI-7/5.**

GABON

TCHIBANGA VOR (TB) decmsnd. **A HI-3/9, A HI-4/1.**

GREECE

ATS ROUTES changed:

UM1 estbld: CRP ARLOS (N3437.5 E02300.0) - CRP Sitia VORDME (SIT), 076°/260°, 160NM, MEA FL290, CDR 2. **A HI-5/1.**
 UM729, LEGRA (N3540.2 E02246.7) and SOREL withdrawn; Paleochora VORDME (PLH) - TITUS, 130NM. **A HI-3/2, A HI-5/1.**
 UM978, NCRP EBOKA estbld at N3523.3 E02220.9; DEMAG - EBOKA - PIDAS, 59/4NM. **A HI-3/2, A HI-5/1.**

UN4 estbld: CRP ARLOS (N3437.5 E02300.0) - CRP SALUN, 115°, 81NM, MEA FL250, one-way E-bound. **A HI-5/1.**

UP32, NEVIK (N3808.0 E02157.7) to SOKRI realigned: NEVIK - NCRP EBOKA at N3523.3 E02220.9 - NCRP ETILI at N3549.9 E02302.5 - NCRP MONUV at N3607.2 E02330.0 - CRP Milos VORDME (MIL), 050°/230°, 24/43/28/62NM, MEAs FL250/FL290/FL290/FL250. **A HI-3/2, A HI-5/1.**

JORDAN

ATS ROUTES changed:

UL310 estbld: CRP METSA (N2927.1 E03459.1) - CRP ZELAF, 033°/213°, 261NM, MEA FL310. **A HI-5/2, A HI-7/1.**

LIBYA, SPA JAMAHIRIYA

ATS ROUTES changed:

UM7 estbld: CRP Marsa Brega NDB (MB) - CRP LAGSI at N2521.8 E01944.3 - CRP TONBA, 177°/357°, 304/227NM, MEA FL200. **A HI-3/3to5.**

DUE TO A COMPLETE REVISION OF CONTROLLED AIRSPACE, all areas are withdrawn, except HL(P)-32 (GND-UNL), HL(R)-31 (GND-FL400) and HL(R)-30, 42, 46, 47, 50, 67, 70 (all GND-FL245). **A HI-3/3to5, A HI-5/2to4.**

MOROCCO

ATS ROUTES changed:

UG5, SONSO (N3000.7 W01206.1) chgd to CRP. **A HI-1/2.**
 UN869, CRP RAVNA estbld at N3110.4 W00848.4; BIBAD - RAVNA - Agadir VORDME (ADM), 117/59NM. **A HI-1/1&2, A HI-2/7.**
 UN871, BAKIM (N3502.5 W00606.5) and ABMIL withdrawn; OSDAM - NIRAL, 153NM. **A HI-2/8.**

NIAMEY FIR-UIR

ATS ROUTES changed:

UA600F, ONUSI (N1255.8 W00416.5) to Niamey VORDME (NY), redesignated UA600. **A HI-2/4.**
 UB735F, POTOL (N2120.7 W00352.3) to USRUT, redesignated UB735. **A HI-2/5.**
 UR981F, POTOL (N2120.7 W00352.3) via Gao VOR (GAO) to UNOTA, redesignated UR981. **A HI-5/5.**

NIGERIA

CALABAR TMA upper limit chgd to FL105. **A HI-2/2.**

RWANDA

ATS ROUTES changed:

UB527 estbld: CRP Kigali VORDME (KNM) - CRP EGREK, 015°/195°, 57NM, MEA FL250. **A HI-5/8, A HI-6/1.**

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SAUDI ARABIA

ATS ROUTES changed:

- A145, NCRPs NADIK at N2618.3 E03746.6 and RABDA at N2620.8 E03814.7 estbld; Wejh VORTAC (WEJ) - NADIK - RABDA - Halaifa VORDME (HLF), 70/25/55NM; Gassim VORTAC (GAS) to PUSLA chgd to two-way, 087°/269°. **A HI-5/3, A HI-7/2.**
- A424, King Abdulaziz VORTAC (JDW) - SENGO, MEA FL160; NCRP SIDSJ estbld at N2335.3 E03938.1; ASTOL - SIDSJ - ENANA, 40/12NM. **A HI-7/2.**
- B412, PATOL (N2543.6 E03914.1) to METEB, MEA FL220; CRP BOTIL estbld at N2340.2 E03908.3; METEB - BOTIL - Rabigh VORDME (RBG), 14/53NM; GEPAL renamed LAGBO. **A HI-5/3, A HI-7/2.**
- B417, OBROD (N2228.0 E03952.3) to Bir Darb VORDME (BDB), MEA FL220; ROTAM renamed KINOB. **A HI-7/2.**
- B544, CRP TABSI estbld at N2337.8 E03923.1; LONIM - TABSI - Rabigh VORDME (RBG), 13/53NM; GEPAL renamed LAGBO; RABGO - ITESO, MEA FL270. **A HI-5/3, A HI-7/2&3.**
- G660, LUBAP (N2052.2 E03834.7) renamed ORBOS and chgd to CRP. **A HI-5/4, A HI-7/3.**
- R775, RAMSO (N2217.1 E03816.9) renamed IMLER. **A HI-5/4, A HI-7/2.**
- T559, DARAG (N2836.4 E03634.0) renamed RABUG. **A HI-5/2, A HI-7/1.**
- UM321, ROTAM (N2531.8 E04300.3) renamed KINOB. **A HI-7/2.**
- UM999, RAMSO (N2217.1 E03816.9) renamed IMLER. **A HI-5/4, A HI-7/2.**
- UT508, NANGO (N1954.6 E04017.7) renamed VEBAS. **A HI-7/3.**
- UW616, King Abdulaziz VORTAC (JDW) to BOVIT, 318°; BOVIIT - GIBAL, 317°. **A HI-5/3&4, A HI-7/2&3.**
- V166, IVONU (N2503.4 E04540.5) via OVEKU to SOKOP, MEA FL250. **A HI-7/2.**
- V700, Nejran VORTAC (NEJ) to ORSEM, MEA FL270. **A HI-7/3&4.**
- W616 estbld: CRP King Abdulaziz VORTAC (JDW) - CRP MEVNI - CRP BOVIT, 318°, 60/65NM; BOVIIT - CRP GIBAL, 317°, 100NM; King Abdulaziz VORTAC to GIBAL, MEA FL240, one-way NW-bound. **A HI-5/3&4, A HI-7/2&3.**
- JEDDAH CTA withdrawn. **A HI-5/3&4, A HI-7/2&3.**

SOUTH AFRICAN REP

ATS ROUTES changed:

- A402 estbld: CRP GREYTON [GREYN] at S3403.4 E01936.2 via George VORDME (GRV), Port Elizabeth VORDME (PEV), East London VORDME (ELV) to Port St Johns VOR (PJV), MEA FL100, MAA FL240; ESRET to ETMOS, MEA FL110, MAA FL240; route details as for UA402. **A HI-4/8, A HI-6/7&8.**
- G745 extended: Witbank VOR (WIV) - CRP Johannesburg VORDME (JSV), 266°/087°, 56NM, MEA FL150, MAA FL240. **A HI-4/6, A HI-6/6.**

- G853 estbld: RUDAS (S2419.1 E02644.0) via Hartebeespoortdam VOR (HBV), Heidelberg VOR (HGV), Warden VOR (WRV) to Ladysmith VORDME (LYV), MEA FL150, MAA FL240, route details as for UG853. **A HI-4/6&7, A HI-6/6&7.**
- UA402, Greyton NDB (GE) replaced by CRP GREYTON [GREYN] at same position; GREYTON [GREYN] via George VORDME (GRV), Port Elizabeth VORDME (PEV), East London VORDME (ELV) to Port St Johns VOR (PJV), MAA FL280. **A HI4/8, A HI-6/7&8.**
- UG745 extended: Witbank VOR (WIV) - CRP Johannesburg VORDME (JSV), 266°/087°, 56NM, MEA FL250. **A HI-4/6, A HI-6/6.**
- UG853, Hartebeespoortdam VOR (HBV) via Heidelberg VOR (HGV), Warden VOR (WRV) to Ladysmith VORDME (LYV), MEA FL250, MAA FL280. **A HI-4/6&7, A HI-6/6&7.**
- UL435 extended: Hartebeespoortdam VOR (HBV) - CRP Johannesburg VORDME (JSV), 160°/340°, 36NM, MEA FL200. **A HI-4/6, A HI-6/6.**
- UQ8, AVOKA (S3243.5 E02606.5) - ALKAT, should read 230°. **A HI-4/8, A HI-6/7.**
- UQ31, Greyton NDB (GE) replaced by CRP GREYTON [GREYN] at same position. **A HI-4/8.**
- UQ32, Greyton NDB (GE) replaced by CRP GREYTON [GREYN] at same position. **A HI-4/8.**
- UW81, Cookhouse NDB (CH) replaced by CRP COOKHOUSE [COKHE] at same position. **A HI-4/8, A HI-6/7.**
- UZ3, Greyton NDB (GE) replaced by CRP GREYTON [GREYN] at same position. **A HI-4/8.**
- COOKHOUSE NDB (CH) decmsnd. **A HI-4/8.**
- ENROUTE HOLDING estbld at ANTEV (S3329.4 E02250.1), inbound track 269°, 2 min, LEFT turns, MHA FL200. **A HI-4/8.**
- ENROUTE HOLDING estbld at APKIN (S3405.0 E01701.0), inbound track 135°, 2 min, RIGHT turns, MHA FL200. **A HI-4/8.**
- ENROUTE HOLDING estbld at APLEN (S3045.6 E02201.3), inbound track 138°, 2 min, LEFT turns, MHA FL200. **A HI-4/7.**
- ENROUTE HOLDING estbld at AVOKA (S3243.5 E02606.5), inbound track 248°, 2 min, RIGHT turns, MHA FL200. **A HI-4/8, A HI-6/7.**
- ENROUTE HOLDING estbld at DURBA (S3113.0 E02846.2), inbound track 118°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7, A HI-6/7.**
- ENROUTE HOLDING estbld at EGTL (S3102.4 E02251.9), inbound track 095°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**
- ENROUTE HOLDING estbld at EGVIN (S3336.8 E02008.4), inbound track 280°, 2 min, LEFT turns, MHA FL200. **A HI-4/8.**
- ENROUTE HOLDING estbld at ETKAL (S3254.8 E02233.6), inbound track 299°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7&8.**
- ENROUTE HOLDING estbld at EXAKO (S3322.2 E01711.3), inbound track 201°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**
- ENROUTE HOLDING estbld at GENOL (S3344.4 E02402.0), inbound track 142°, 2 min, LEFT turns, MHA FL200. **A HI-4/8, A HI-6/7&8.**
- ENROUTE HOLDING estbld at GEPOK (S3411.8 E02204.7), inbound track 317°, 2 min, LEFT turns, MHA FL200. **A HI-4/8.**

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ENROUTE HOLDING estbld at IBNIS (S3238.6 E01842.9), inbound track 220°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at NEVIR (S3415.9 E02009.9), inbound track 317°, 2 min, LEFT turns, MHA FL200. **A HI-4/8.**

ENROUTE HOLDING estbld at Nieuwoudtville VOR (NVV), inbound track 189°, 2 min, LEFT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at NOKOX (S3301.2 E01943.1), inbound track 268°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at OKLOK (S3248.5 E01922.6), inbound track 245°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at OKNOL (S3240.8 E01813.5), inbound track 204°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at OTALA (S3112.6 E02323.5), inbound track 135°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at Sutherland VOR (SLV), inbound track 268°, 2 min, RIGHT turns, MHA FL200. **A HI-4/7.**

ENROUTE HOLDING estbld at UVBIG (S3202.2 E02754.0), inbound track 233°, 2 min, RIGHT turns, MHA FL200. **A HI-4/8, A HI-6/7.**

GREYTON NDB (GE) decmsnd. **A HI-4/8.**

JOHANNESBURG VORDME (JSV) 115.2 cmsnd at S2609.4 E02813.9. **A HI-4/6, A HI-6/6.**

SUDAN

ATS ROUTES changed:

UA451, ALEBA (N2200.0 E03527.0) via Port Sudan VORDME (PSD) to TOKAR, redesignated UP751. **A HI-5/4, A HI-7/2&3.**

ATS ROUTES (undesigned) changed:

ESTBLD: CRP Juba VORDME (JUB) - CRP TAPOS - CRP FIR [15GWZ], 059°/239°, 121/60NM, MORAs 4500a/4800a. **A HI-5/7.**

TUNISIA

ATS ROUTES changed:

UR845 estbld: CRP NEDOS (N3509.2 E01000.8) - CRP Sfax VOR (SFX), 127°/307°, 43NM, MEA FL250; Sfax VOR - NCRP LIRMI - CRP GASRI, 138°/318°, 37/24NM, MEA FL250. **A HI-3/2.**

YEMEN

ATS ROUTES changed:

P451, ORBAT (N1406.6 E05039.4) to Aden VORDME (KRA), should read P751. **A HI-7/4&5.**

P751, Aden VORDME (KRA) to DEKRA, missing Airway labels should be P751. **A HI-7/4&5.**

ZIMBABWE

ATS ROUTES changed:

UG652 estbld: GADBA (S1557.0 E02901.8) via Harare VORDME (VSB) to MENS0, MEA FL250, route details as for UM625. **A HI-6/4&5.**

UM652, GADBA (S1557.0 E02901.8) via Harare VORDME (VSB) to MENS0, MEA FL330. **A HI-6/4&5.**