

AFRICA

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**CANARY IS**

ATS ROUTE SYSTEM (HIGH/LOW) revised within Canaries FIR/UIR; for details refer to SUPPL A HL-3A. **A HL-3.**

MALI

PROHIBITED AREA with 12 Temporary ATS Routes therein estbld within Dakar FIR/UIR and Niamey FIR/UIR. For details refer to CCN 305 (N18 W001). **A HL-3, A HL-5.**

NAMIBIA

GRID MORAs revised within Windhoek FIR; for details refer to CCN 301/302 (S22 E017). **A HL-13, A HL-14.**

SAUDI ARABIA

GRID MORAs revised within Jeddah FIR; for details refer to CCN 303 (N25 E045). **A HL-4.**

ACCRA FIR

COTONOU TMA/CTR Class 'D' chgd to 'C' (N06 E002). **A HL-5, A HL-6.**

ALGERIA**ATS ROUTES changed:**

UZ333 estbld; MOGIL CRP (N3807.9 E00312.1) - Zemmouri VORDME (ZEM) CRP, 167°/347°, 82NM; Zemmouri VORDME - JALFA CRP at N3540.0 E00345.9 - KAHIL CRP, 172°/352°, 68/95NM; Zemmouri VORDME to KAHIL, cruising levels NON-standard, EVEN levels S-bound; MOGIL to KAHIL, MEA FL180. **A HL-1.**

UZ444 estbld; Beni Amran NDB (BNA) CRP - ABSET CRP at N3636.6 E00316.5 - TIFAT CRP at N3634.9 E00303.5 - FOZNA CRP at N3627.2 E00206.9 - DAHRA CRP, 260°/080°, 16/11/46/30NM, MEA FL120. **A HL-1.**

DJANET CTR, upper limit 3000' AGL (N24 E009). **A HL-4.**

ANTANANARIVO FIR-UIR

TMA/CTR AIRSPACE CLASS 'D' chgd to 'C': Antananarivo, Mahajanga, Moroni, Toamasina TMAs and CTRs. **A HL-14.**

BOTSWANA**ATS ROUTES changed:**

UM438, GESAR (S2125.4 E02100.0) renamed XABLO. **A HL-13.**

UN182, UTADO CRP estbld at S2424.1 E02447.1, Gaborone VORDME (GBV) - UTADO, 296°/116°, 59NM; UTADO - UNBIS, 293°/113°, 7NM; UTRIS (S2310.1 E02000.2) renamed XAMGA. **A HL-13.**

BRAZZAVILLE FIR-UIR

TMA/CTR AIRSPACE CLASS 'D' chgd to 'C': Bangui, Brazzaville, Douala, Franceville, Libreville, Pointe Noire, Port Gentil, Yaounde TMAs and CTRs; Bata, N'Gaoundere and Malabo CTRs. **A HL-6, A HL-7, A HL-8.**

CANARY IS**ATS ROUTES changed:**

T770, URQUI (N2653.7 W01702.4) - LIMAL, cruising levels NON-standard, EVEN levels S-bound. **SUPPL A HL-3A.**

DAKAR FIR

BAMAKO TMA 3000'AGL-FL145 Class 'C', FL145-FL245 Class 'A' (N12 W007). **A HL-5.**

TMA/CTR AIRSPACE CLASS 'D' chgd to 'C': Abidjan, Bissau, Mopti, Nouadhibou, Nouakchott TMAs and CTRs; Bamako and Kayes CTR. **A HL-3, A HL-5, A HL-6.**

EGYPT**ATS ROUTES changed:**

DAKHLA NDB (MB) replaced by KASAG CRP at same position (V608, W601) (N25 E029). **A HL-4.**
 NUWEIBAA NDB (NWB) replaced by NOVPA CRP at same position (J981, L550, M690, N697, R650) (N29 E034). **A HL-2.**

T55, GINDI (N2804.3 E03108.9) - KUNKI, 115NM, MEA FL260; NABED - ORBID, 125°/306°; ORBID to Marsa Alam VORDME (MAK), 126°/306°, MEA FL240; Marsa Alam VORDME - OTEMO, 131°/311°; NABED to OTEMO, chgd to two-way. **A HL-4.**

DAKHLA NDB (MB) decmsnd (N25 E029). **A HL-4.**
 NUWEIBAA NDB (NWB) decmsnd (N29 E034). **A HL-2.**

ETHIOPIA

DEBEE MARCOS NDB (DM) decmsnd (N10 E037). **A HL-7.**

JIMMA NDB (JM) decmsnd (N07 E036). **A HL-7.**

GREECE**ATS ROUTES changed:**

A10, Sitia VORDME (SIT) - PAXIS withdrawn (N35 E026). **A HL-2.**

B12, TANSa - Sitia VORDME (SIT) withdrawn (N34 E026). **A HL-2.**

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KENYA

ATS ROUTES changed:

L303 estbld; Navex VORDME (NV) to KESOM, MEA FL100, MAA FL245, for other route details see UL303 (S01 E036). **A HL-8, A HL-9.**

L433, NAKAT (S0050.2 E03522.0) withdrawn; MELMO - Navex VORDME (NV), 149NM. **A HL-8.**

M306 estbld; PARIN (S0146.2 E03522.0) to KESOM, MEA FL100, MAA FL245, for other route details see UM306. **A HL-8, A HL-9.**

M311 estbld; Navex VORDME (NV) to NETAR, MEA FL100, MAA FL245, for other route details see UM311 (S01 E036). **A HL-8, A HL-9.**

LIBYA

ATS ROUTES changed:

P310, TUBEX CRP estbld at N3225.5 E01521.8; Misrata VORDME (MIS) - TUBEX - CIBIA, 16/36NM. **A HL-2.**

HL(P)-AREA estbld, GND-45000', ufn (N32 E011). **A HL-2.**

MOROCCO

ZAGORA VORDME (ZAG) 114.6 cmsnd at N3015.6 W00550.1. **A HL-1.**

N'DJAMENA FIR-UIR

TMA/CTR AIRSPACE CLASS 'D' chgd to 'C': Abeche, Garoua, N'Djamena TMAs and CTRs; Maroua, Moundou and Sarh CTRs. **A HL-7.**

NAMIBIA

ATS ROUTES changed:

UN183, NIBEK coords chgd to S2258.5 E01312.9. **A HL-13.**

Waypoints within Namibia/Windhoek FIR changed: EGNOR (S2729.9 E02039.7) renamed UMTOL EPVEP (S2900.5 E01903.9) renamed XANBI GEREX (S1802.7 E02012.6) renamed IBTAG GESAR (S2125.4 E02100.0) renamed XABLO IBLOK (S1847.1 E01140.1) renamed IBNEV MOKAK (S2242.0 E01820.6) renamed XABEB TIGEL (S1728.0 E02422.0) renamed XORIN UTRIS (S2310.1 E02000.2) renamed XAMGA UTULO (S2314.8 E01735.8) renamed UVORI XAKMU (S1738.1 E02410.6) renamed OKROP. **A HL-13, A HL-14.**

NIAMEY FIR-UIR

BOBO-DIOULASSO TMA 3000'AGL-FL145 Class 'C', FL145-FL245 Class 'A' (N11 W004). **A HL-5.**

TMA/CTR AIRSPACE CLASS 'D' chgd to 'C': Gao, Mopti, Niamey, Ouagadougou TMAs and CTRs; Agadez, Bobo-Dioulasso and Zinder CTRs. **A HL-3, A HL-4, A HL-5, A HL-7.**

NIGERIA

ATS ROUTES changed:

H335, RURPO CRP (N0734.8 E00622.0) and LULNU CRP estbld; VONSO - RURPO - LULNU - RAMUL, 30/49/12NM. **A HL-5, A HL-6.**

UQ181, EVBIX CRP (N0502.4 E00536.9) estbld; MOMUR - EVBIX - RAVIR, 63/52NM. **A HL-6.**

UQ400, GUNEG CRP (N0436.8 E00640.0) estbld; TEDPI - GUNEG - UBIXO, 34/22NM. **A HL-6.**

V/UV377, Ilorin VORDME (ILR) withdrawn; EDGIM - VOMAX, 230', 36NM (N08 E004). **A HL-5.**

V717, ULNUM CRP (N0459.9 E00815.5) estbld; Calabar VORDME (CAL) - ULNUM - GULUL, 6/27NM. **A HL-6.**

OMAN

ATS ROUTES changed:

L710, MEMTU (N2325.3 E05524.7) to DEDSO, cruising levels chgd to standard, ODD-levels S-bound. **A HL-10.**

REUNION

DZAOUDZI NDB (FJO) decmsnd (S12 E045). **A HL-14.**

RWANDA

ATS ROUTES changed:

B/UB531, OKPOB (S0200.4 E03021.6) renamed DUSBA. **A HL-8.**

L/UL442, XAKDO (S0156.9 E03021.8) withdrawn, Kigali VORDME (KNM) - BOSAD, 41NM, MEA FL120. **A HL-8.**

HR(P)-5 withdrawn (S01 E030). **A HL-8.**

HR(P)-7 estbld, GND-FL245 (S01 E030). **A HL-8.**

SAUDI ARABIA

ATS ROUTES changed:

H744, UKIVU CRP estbld at N2529.3 E04758.9; TAKTI - UKIVU - KINIB, 16/25NM, MEAs 3100'/2900'. MOCAs 3100T/2700T. **A HL-10.**

M430, MEPDA CRP estbld at N2509.3 E04809.6; GOLNO - MEPDA - KOBEX, 25/18NM, MEA FL160. **A HL-10.**

N687, UKIVU CRP estbld at N2529.3 E04758.9; TAKTI - UKIVU - KINIB, 16/25NM. **A HL-10.**

T556, DEBUD CRP estbld at N2419.4 E04841.1; SITER - DEBUD - DEGLA, 15/79NM, MEA FL160. **A HL-10.**

V975, MEPDA CRP estbld at N2509.3 E04809.6; GOLNO - MEPDA - KOBEX, 25/18NM, MEA 11000', MOCAs 2700T/2900T. **A HL-10.**

NETAS coords chgd to N1726.1 E04423.1. **A HL-9.**

RED SEA CTR estbld; Class 'D', GND-2500' (N25 E037). **A HL-4.**

SOUTH AFRICAN REP

ATS ROUTES changed:

A/UA405, Greefswald VOR (GWV) replaced by GWV CRP at same position, ufn (S22 E029). **A HL-13.**

Q/UQ6, Greefswald VOR (GWV) replaced by GWV CRP at same position, ufn (S22 E029). **A HL-13.**

UP312, Greefswald VOR (GWV) replaced by GWV CRP at same position, ufn (S22 E029). **A HL-13.**

Z/UZ11, Greefswald VOR (GWV) replaced by GWV CRP at same position, ufn (S22 E029). **A HL-13.**

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SPAIN

ATS ROUTES changed:

L27, Bailen VORDME (BLN) to KORIS, MEA FL95; Martin VORDME (MAR) to KORIS, MAA FL145 S-bound (N38 W003). **A HL-1.**
N864, VADOX (N4346.0 W00356.0) to PIMOS, chgd to one-way S-bound. **A HL-1.**

TOGO

LOME CTR Class 'D' chgd to 'C' (N06 E001). **A HL-6.**
NIAMTOUGOU CTR Class 'D' chgd to 'C' (N09 E001). **A HL-5.**

UNITED ARAB EMIRATES

ATS ROUTES changed:

L710, UKRAG (N2330.9 E05523.1) - MEMTU, MEA FL195. **A HL-10.**

ZAMBIA

FL(P)-AREA estbld; GND-6000', ufn (S15 E028).
A HL-12.

ZIMBABWE

NORTON NDB (NZ) 373 cmsnd at S1753.7 E03041.1. **A HL-13.**

TERMINAL CHARTS

GENERAL

ALGERIA

Alt Set to read hPa instead of MB.

LIBYA

Country name changed from SPLAJ to LIBYA.

TERMINAL

Abeche, Chad, AB NDB unserviceable.

Abu Simbel, Egypt, (10-9) CAUTION: Birds in vicinity of airport (based on SUP 15-24).

Approach control through Tower frequency 118.1 MHz withdrawn.

Abuja, Nigeria, (Nnamdi Azikiwe), (11-1A, 11-2A) CAT II VOR DME ILS rwy 04/22 suspended, as ILS for both runways is downgraded to CAT I (per SUP S01-S02/2024).

Addis Ababa, Ethiopia, (Bole Intl), (10-2N/P/Q/S) STARs, tracks for holding pattern at ADS VOR under clarification, caution is advised.

(10-3T) MARCOS 1A & 1B SIDs under clarification, caution advised.

(16-1) IAP 2 NDB RWY 25R withdrawn.

Aden, Yemen, (Aden Intl), Based on AIP AIRAC SUP 02/24, main Rwy redesignated from Rwy 08/26 to Rwy 08L/26R. Rwy 08L/26R will be closed temporarily and all the related charts, procedures and data are suspended. Main Twy A redesignated to Rwy 08R/26L and used as main Rwy. Refer to temporary charts 10-8/10-8A and latest NOTAMs.

Agades, Niger, (Manu Dayak), Departure restriction of right turn after take-off for rwy 07L/07R and transition altitude raised to 5000' (based on GO SUP A109-24).

Agadir, Morocco, (Al-Massira), (10-3/AGALI & MOGBA 3D, 10-3A/AGALI & MOGBA 4D) ESS VORDME unserviceable, not to be used for inbound track guidance towards MOGBA.

Alexandria, Egypt, (Borg El Arab), (20-3) RNAV SID suspended.

(20-9) CAUTION: Birds in vicinity of airport (based on SUP 18-24).

(20-9) Twy N, stands 1 and 1A closed for maintenance (based on SUP 33-24).

Algiers, Algeria, (Houari Boumediene), (10-3F/3G) SIDs LABRO 1A, 1B, 1C & 1D under clarification.

Due to works, some aprons, twys and stands are closed, for details refer to temporary 10-8 page (OPERATIONAL RESTRICTIONS), per SUP 10-24.

Antananarivo, Madagascar, (Ivato), AT NDB unserviceable following procedures are affected (10-2) TAPAL 1K, (10-2A) TAPAL 1D, (10-2F) AT 2A, 2B, 2V, 1Z, (10-3) TAPAL 1E, (10-3A) TAPAL 1W, (10-3F) AT 1E & 1W.

Arba Minch, Ethiopia, (16-1) NDB RWY 21: NDB AM withdrawn. Procedure is under clarification, caution is advised.

Aswan, Egypt, Per SUP 47-24, rwy 17/35 closed, parallel twy A used as rwy 17L/35R. Twys A thru F between rwys 17/35 and 17L/35R are closed. The following procedures are suspended: ILS or LOC RWY 35 (11-1), RNP RWY17 (12-1), RNP RWY 35 (12-2), VOR RWY 17 (13-1), VOR Z RWY 35 (13-2) and VOR Y RWY 35 (13-3). Refer to temporary charts 10-8/10-8A, 10-9S1 and temporary procedures RNP RWY 17L (12-01), RNP RWY 35R (12-02), VOR RWY 17L (13-01) and VOR RWY 35R (13-02). Refer also to latest NOTAMs.

Ufn RNAV SIDs/STARs suspended.

Asyut, Egypt, Ufn RNAV SIDs/STARs suspended.

Axum, Ethiopia, (10-2, 10-2A) Holding tracks at waypoints AX001, AX002, AX003 and TIDEG under clarification, CAUTION advised.

(16-1) NDB RWY 34: NDB AX withdrawn. Procedure is under clarification, caution is advised.

Bahir Dar, Ethiopia, (All STARs) Holding leg times under clarification, CAUTION advised.

Bangui, Central African Rep, (M'Poko), All SOMSI STARs suspended due to unclear source.

Bata, Equatorial Guinea, WIP around Rwy 03/21. Presence of workers and machines. Caution advised when landing and take-off (based on SUP FC A59-24).

Benghazi, Libya, (Benina Intl), (11-1, 13-1, 13-2, 16-1, 16-2) VOR DME BNA freq 117.4 MHz operating but ground checked only, awaiting flight check (based on SUP 07-22).

Benin, Nigeria, (11-1, 13-1, 13-2) VOR ILS DME rwy 23, VOR DME rwy 05/23: glide path and DME part of ILS 23 (IBE) and DME part of BEN VORDME unserviceable (based on SUPs S04, S05, S46-24).

Aerodrome limited to daylight operations (based on SUP 20-24).

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Caution advised due to potholes on rwy 05/23 (based on SUP 30-24).

Blantyre, Malawi, (Chileka), CIRCLING rwy 10/28 avbl, but not authorized south of rwy.

PACI Rwy 28 unserviceable (based on SUP 02/21). VCL DME unserviceable (based on SUP 03-21).

Bouarfa, Morocco, Apron and taxiway extension and reinforcement works (based on SUP 05-24). Please refer to TEMP chart 10-8 and latest NOTAMs.

Brazzaville, Congo, Rep of, (Maya-Maya), (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS: RWY 05 Sequences Flashing Lights (SFL) unserviceable (Based on FC SUP A 063-24). VORDME KSA 115.0 on test.

Bujumbura, Burundi, (Bujumbura Intl), Officially published variation of 3.0°W is doubtful, dynamic variation indicates a change towards 0°E. Jeppesen has contacted the authorities to obtain an official value.

Bulawayo, Zimbabwe, (Joshua Mqabuko Nkomo), Aerodrome closed for night operations (based on SUP 01-24).

NDB SZ 242 kHz unserviceable (based on SUP 01-23).

NDB YT 235 kHz unserviceable (based on SUP 09-24).

VOR/DME VBU u/s. (13-1) IAP NDB VOR Rwy 13 not usable (based on SUP 02-22).

Work in progress on shoulders of TWYs 13, 13A, 13B and 31. Pilots to exercise caution. (based on SUP 14/21).

Bunia, Congo, DR of, Daily sunrise to sunset, WIP enlargement and widening rwy. Presence of machines and workers. Exercise caution while take-off and landing (based on SUP 18-24).

Cairo, Egypt, (Cairo Intl), (10-9A) TWY U2 closed (based on SUP 37-24).

D-ATIS (data link) u/s. (based on SUP 024-24).

RNAV (GNSS) approach should not be planned at Cairo Intl airport due to GPS jamming within 10NM from Cairo ARP (based on 32-24, eff 15 Oct based on SUP 51-24).

Unauthorized laser beams have been observed in AD vicinity. Pilots should report to ATC immediately and avoid any eye contact (per SUP 31-24, eff 15 Oct based on SUP 050-24).

Cape Town, South African Rep, (Cape Town Intl), (12-1) RNAV (GNSS) rwy 01 suspended ufn, (based on SUP 093-24).

Casablanca, Morocco, (Mohammed V Intl), (10-2J, LACAJ 1P) Procedure under clarification due to dual use of wpt name MN466, CAUTION advised. Twys U1, W1, W2 and R2 closed (based on Notam A0200-23). Please refer to latest NOTAMs.

Work may be in progress on Rwy 17R/35L and Twys N2, P2 and R2 (based on SUP 02-23). Rwy 17R/35L and TWYs M2, N2, P2 and S2 closed during works. Please refer to latest NOTAMs.

Catumbela, Angola, (10-9) Note withdrawn, see NOTAM A0070/19: Airport not available for ACFT with mim Take-off weight less than 23 tons.

Chiredzi, Zimbabwe, (Buffalo Range), NDB BI unserviceable (based on SUP 10-24).

Conakry, Guinea Rep, (Ahmed Sekou Toure Intl), (10-3B/3C, 10-3H) All RNAV SIDs & omnidirectional DEPs RWY 24 perm suspended.

(11-1) ILS Z or LOC Z Rwy 06, (11-2) ILS Y or LOC Y Rwy 06 and (11-3) ILS X or LOC X Rwy 06 and Circling Maneuvers suspended (based on SUP 019-24)

Construction works on airport. Exercise caution due to presence of personnel and machinery (based on SUP 02-22 and 08-22).

HIALS Rwy 06 not available (based on SUP 03-22).

Cotonou, Benin, (Cadjehoun), Circling minimums for CAT A & B raised to MDA(H) 710' (691'), for CAT C to 810' (791') and for CAT D to 1150' (1131') for all approaches (based on GO SUP A111-24).

Dakar, Senegal, (Leopold Sedar Senghor), The former TWR freq 118.1 MHz is now operating as AFIS.

Dar-Es-Salaam, Tanzania, (Dar-Es-Salaam Intl), Due to construction works in progress at government flight hangar at Terminal 1 pilots area advised to take caution during parking and taxiing (based on SUP 35-23)

Dire Dawa, Ethiopia, (Dire Dawa Intl), (16-1, 16-2) LCTR Z RWY 15 (CAT A & B), LCTR Y RWY 15 (CAT C & D); NDB AY withdrawn. Procedures are under clarification, caution is advised.

Douala, Cameroon, (10-2H) STAR BT 1D, (10-2L) STAR BT 1M, (10-2P) STAR BT 1V, BT NDB withdrawn.

Durban, South African Rep, (King Shaka Intl), (20-9) TWY B downgraded to code C (based on SUP 092-24, eff 28 NOV 24 based on SUP 109-24). Eff 28 NOV 24 ILS Y RWY 06 CAT II downgraded to CAT I (based on SUP 109-24).

Dzaoudzi, Mayotte, (Pamandzi), DZAOUDZI Information frequency established, 119.2 MHz, PTO, outside of TWR hrs, French only. U-turns on RWY prohibited except on turning pads designated for this purpose.

EI Arish, Egypt, Based on CL IA0435/24 RWY 16R/34L available for landing, rwy 16/34 closed.

Franceville, Gabon, (M'Vengue), (10-9) Rwy 33 TORA and LDA reduced to 8136ft (2480m), usage of rwy 33 for take-off and landing recommended. (based on SUP FC A064-24, based on A007-24)

Francistown, Botswana, (P G Matante Intl), (10-2/2A, 10-3/3A) Coordinates of waypoint XALEN under clarification.

Gaborone, Botswana, (Sir Seretsi Khama Intl), Based on SUPP 022-20, STARs under clarification for ambiguity in waypoint crossings.

Ghadames, Libya, (13-1, 13-2) VOR DME GAD freq 115.8 MHz operating but ground checked only, awaiting flight check (based on SUP 10-22).

Airport closed until further notice due to work in progress (per SUP 003-23).

Ghat, Libya, (13-1, 13-2) VOR DME GHT freq 114.8 MHz operating but ground checked only, awaiting flight check (based on SUP 06-24).

(16-1) Circling VIS CAT A changed to 1900m, CAT B raised to 2800m, CAT C lowered to 3700m and CAT D to 4600m.

Add note not authorized east of airport and at night.

Rwy 06/24 closed (based on SUP 06-24).

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- Rwy 06/24 length, TORA rwys 06/24 and LDA rwy 24 increased to 6562'/2000m. LDA rwy 06 is 4921'/1500m. Rwy 06 thresh displaced by 1641'/500m. Stopways for rwy 06/24 established, length 197'/60m and for rwy 35, length 394'/120m.
- Goma**, Congo, DR of, (Goma Intl), (10-2F) BK451, BKU45 & BKV 1A STARs, (10-2G) GIGAG 2A, KAROS 1C STARs, (10-2H) OGUADI 2A, OKDIV 1A STARs, (10-2J) RANAG 2A STAR, (10-2K) UXOBU 2A STAR, (10- 2L) XIBKI 2A STAR, crossing at LUKSA under clarification, CAUTION is advised.
- (13-1) VOR Z Rwy 35 and (13-2) VOR Y Rwy 35 suspended due to GOM VOR DME unserviceable (per SUP 006-24).
- All SIDs under clarification, CAUTION advised.
- WIP on SWY RWY 17, caution advised during landing and take-off (based on SUP 002-23).
- Gran Canaria**, Canary Is, Based on SUP 201-24, following procedures unusable: (12-1) RNP Rwy 03L (LPV only), (12-2) RNP Rwy 03R (LPV only), (12-3) RNP Rwy 21L (LPV only) and (12-4) RNP Rwy 21R (LPV only). Refer also to latest NOTAMs.
- Restrictions in the manoeuvring area (based on SUP 196/22, Eff 25 JAN 24 based on SUP 09/24). Please refer to temp chart 10-8 and latest notams.
- Work Nearby Thresholds RWYs 03L/03R (based on SUP 127-24, Eff 5 SEP 24 based on SUP 141-24). Please refer to TEMP charts 10-8A thru 10-8G and latest NOTAMs.
- Harare**, Zimbabwe, (Robert Gabriel Mugabe Intl), Lctr SI frequency 330 KHz unserviceable (based on SUP 003-22).
- Hoedspruit**, South African Rep, (Hoedspruit AB), (10-9) Twy C closed. Rwy 09/27 RL u/s. Rwy 36 PAPI u/s on Eastern side, Rwy 18 threshold displaced abeam Twy D, Rwy length and LDA Rwy 18/36 reduced to 10495' (3199m), TORA Rwy 18/36 changed to 12083' (3683m) (based on SUP 15-24, eff 05 SEP based on SUP 79-24).
- Hurghada**, Egypt, (10-9) CAUTION: Birds in vicinity of airport (based on SUP 19-24).
- Every Mon 0400-1600 RWY 16L/34R closed except the intersected portions with TWY E and TWY H for ACFT taxiing purposes to/from apron (based on SUP 39-23, eff 15 Oct based on SUP 52-24).
- Hwange**, Zimbabwe, (Hwange National Park), WIP on RWY 08/26. Pilots to exercise caution (based on SUP 12/21 and SUP 02/23).
- Ifrane**, Morocco, (10-2) Crossing at DETAD under clarification, caution is advised.
- Illizi**, Algeria, (Ibrahim Ghouma), (10-9): Stopways 328'/100m established for RWY 09/27. TWYs A, A1, A2, B2 and stands 1 thru 3 closed (Based on SUP 008-24).
- Ilorin**, Nigeria, RWY 23: Approach lights unserviceable. ABN unserviceable.
- Juba**, Sudan, (11-1, 13-1, 13-2) ILS or LOC Rwy 13, VOR DME Rwy 13 and VOR DME Rwy 31 apch procedure not usable due to long term equipment outage, based on (AIRAC AMDT 03/22).
- Kananga**, Congo, DR of, Birds in vicinity of airport, caution recommended for take-off and landing (based on SUP 14-23).
- Kano**, Nigeria, (Mallam Aminu Kano), (10-2) DETAR & ODNOM 1R, (10-2B) ISGAT & KIBTA 1R, holding at TISOK not charted while under clarification.
- (11-1A, 11-2A) CAT II ILS DME rwy 06/24 suspended as IKN and IKK ILS downgraded to CAT I. (11-2) ILS DME rwy 24, glide slope of IKK ILS unserviceable (per SUP S07-S10/2024).
- Kariba**, Zimbabwe, (Kariba Intl), Eastern TWY leading to RWY 27 closed (based on SUP 11-24).
- Kassala**, Sudan, Kassala VOR DME KSL u/s.
- Khartoum**, Sudan, (10-2A) STARs KUVTI & PASIL 1B, (10-2B) SIVIL & SODAB 1A, (10-2D) KAREP & RADKA 1A, use with caution altitudes under clarification.
- (10-3J) RNAV SID KAREP 2B use with caution, altitude for Wpt SS720 under clarification.
- VOR DME KTM 112.1 MHz unserviceable.
- Kimberley**, South African Rep, (10-2) EVESI 1A, Procedure temporarily suspended.
- (10-3B) UNRAG 1A, Procedure temporarily suspended.
- Kindu**, Congo, DR of, RL and PAPI for rwys 18/36 installed.
- Kinshasa**, Congo, DR of, (N'Djili Intl), (10-3M) Procedures under clarification, CAUTION advised.
- CAUTION is advised for ACFT landing on rwy 24 due to rubber deposit between TDZ rwy 24 and twy A (per AIP SUP 007-23).
- VORDME KSA 115.0 on test.
- Kisangani**, Congo, DR of, (Bangoka Intl), CAUTION advised due to work in progress on first 8202ft/2500m of rwy 30, workers and equipment up to height of 16ft/5m next to rwy (per AIP SUP 005-23).
- Due to WIP, TORA/LDA RWY 12/30 reduced to 9022'(2750m). Caution advised during taxiing, take-off and landing, workers and equipment present (based on SUP 004-24).
- ILS Z, Y and V rwy 12 procedures not charted due to missing navaid info (per AIP SUPs 010-21 thru 012-21).
- PAPI RWY 30 unserviceable (based on SUP 13-23).
- Kumasi**, Ghana, Night stop not permitted for non-scheduled flights (based on SUP 26-22).
- La Palma**, Canary Is, Based on SUP 34-24, eff 26 DEC 24 based on SUP 201-24, following procedure unusable: (12-1) RNP Z Rwy 36 (LPV only). Refer also to latest NOTAMs.
- Lagos**, Nigeria, (Murtala Muhammed), Rwy 18R/36L: Centerline lights and touchdown zone lights u/s (based on AMDT 01-23). Rwy 18R approach lights downgraded to CAT I (based on AMDT 01-23).
- Temporary restrictions published, refer to 10-8 (per SUP S11-S14/2024).
- Lanzarote**, Canary Is, (Cesar Manrique Lanzarote), Based on SUP 34-24, eff 26 DEC 24 based on SUP 201-24, following procedure unusable: (12-1) RNP Z Rwy 03 (LPV only). Refer also to latest NOTAMs.

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Lighting Improvement Works in five phases in progress (based on SUP 096-24). Works will be carried out at NIGHT with RWY out of service. CAUTION is recommended due to presence of workers and machinery. During PHASE 2 RWY centerline out of service or downgraded.

Libreville, Gabon, (Leon M'BA), (10-9) Rwy 16/34 REIL unserviceable (based on FC SUP A 056-24).

Lokichogio, Kenya, (10-8) Rwy construction works threshold RWY 27 displaced by 3117/950m. TORA/LDA RWY 09/27 reduced to 2789'(850m). Vacate RWY via temporary TWY. ACFT intending to line-up for take-off shall backtrackon RWY (based on SUP 037-24).

(12-2) RNP Rwy 27 procedure suspended (based on SUP 037-24).

Lome, Togo, (Gnassingbe Eyadema), (10-9) Sequenced Flashing Lights System (SFL) for RWY 22 installed. Runway guard lights on TWY's B and C available (based on Amdt 04-23).

Lubumbashi, Congo, DR of, (Lubumbashi Intl), (10-2, 10-2A) Holding over BAPVA, DIKVO and GILEK under clarification, CAUTION advised.

(10-9) WIP removal of light markings and reconfiguration of parking area. Presence of workers and machines. Caution advised during taxiing (based on SUP 015-24).

Luxor, Egypt, (10-3/3A/3B) New MSA based on ARP established for RNAV SIDs RWY 02 with the following sectors:

Between 180° - 360° sector altitude 3700', 360° - 090° sector altitude 3300' and 090° - 180° sector altitude 2700'.

(10-9) Apron 1 closed due to maintenance. Twy F (portion between 156'/47.5m before twy A till taxilane F2), twy L, taxilanes L1 and L3 entrance to Apron 2 closed (based on SUP 21/24, 22/24 and 23/24).

(10-9) CAUTION: Birds in vicinity of airport (based on SUP 17-24).

Ufn RNAV SIDs/STARs suspended.

Mafikeng, South African Rep, (Mafikeng Intl), Tower frequency 119.3 MHz u/s. VOR A Rwy 04 (13-1): ApcH proc not useable due to VOR 'MMV' freq 112.9 MHz u/s (based on SUP 102-24).

Mahajanga, Madagascar, (Philibert Tsiranana), AT NDB unserviceable following procedures are affected (10-2) AGSES 1D, (10-2A) AGSES 1K, (10-2D) ANTSSO 1B, 1P, 1V, 1Z, (10-3) Departure to AT.

Makhado, South African Rep, (Makhado AB), ATIS frequency 115.0 MHz unserviceable and birds in vicinity of airport (based on SUP 008-24, eff 8 AUG 24 based onn SUP 068-24).

Malabo, Equatorial Guinea, WIP around Rwy 04/22. Presence of workers and machines. Caution advised when landing and take-off (based on SUP FC A59-24).

Manzini, Eswatini, (Matsapha), (11-1, 16-1) NDB MW on freq 408kHz u/s. (16-1) NDB MS on freq 262.5kHz u/s, NDB RWY 07 approach procedure suspended (based on AIRAC SUPs 01-22, 13-22).

Maradi, Niger, Communication facility for 118.4 MHz changed to Maradi Tower and transition altitude raised to 5000' (based on GO SUP B014-24).

Margate, South African Rep, (10-9) Rwy 05/23 RL & PAPI unserviceable, Night landing and take-off not permitted, AFIS 122.7 MHz not available (based on SUP 043-24, Eff 26 DEC based on SUP 110-24).

Masvingo, Zimbabwe, (Masvingo Intl), NDB MS unserviceable (based on SUP 12-24).

Mbandaka, Congo, DR of, (10-2/2A, 10-3/3A) Procedure titles DESEK, INUVA & OVRIG 1A, 1B, 1C, 1D under clarification, CAUTION advised.

Mbuji-Mayi, Congo, DR of, (All SID charts) Climb gradient under clarification, Caution advised.

All SIDs & STARs: MBY VORDME unserviceable.

Daily sunrise to sunset, WIP RESA extension and half-turn area at rwy 16 threshold. Presence of workers and machines. Caution advised when take-off rwy 16 and landing rwy 34 (based on SUP 09-24).

Rwy 16 threshold is displaced by 328'/100m, TORA & LDA for rwy 16/34 is 6234'/1900m (based on SUP 10-24).

VOR N RWY 16 (13-1), VOR M RWY 16 (13-2), VOR N RWY 34 (13-3) and VOR M RWY 34 (13-4) not usable due to VOR MBY 112.9 MHz U/S (based on SUP 014-24)

Mekele, Ethiopia, (Alula Aba Nega), (All STARs) Holding leg times under clarification, CAUTION advised.

Trans alt raised to 14000',

Merowe, Sudan, PAPI-L rwy 02/20 change to APAPI-L.

Mfuwe, Zambia, Airport temporarily closed for rehabilitation works (Based on AIRAC SUP 001-24).

Minna, Nigeria, IAPs VOR DME Rwy 05 (13-1), VOR DME Rwy 23 (13-2) suspended.

Mogadishu, Somalia, (10-9) CAUTION: Birds in vicinity of airport (based on SUP 07-22).

Mombasa, Kenya, (Moi), PAPI Rwy 21 unserviceable (based on SUP 013/24).

Mongu, Zambia, (16-1) NDB rwy 10 procedure withdrawn (based on SUP 06-24).

AFIS MONGU Radio frequency 118.1 MHz changed to 118.3 MHz. (16-1 APT) Stopway Rwy 10/28 withdrawn (per latest AMDT 02/22).

Monrovia, Liberia, (Roberts Intl), Ufn twy A1 closed.

Monrovia, Liberia, (Spriggs Payne), Scattered depressions on rwy between twy intersections. Pilots to exercise caution during t/o and ldg.

Morondava, Madagascar, PAPI Rwy 10 unserviceable (based on FM SUP B 030-24).

Rwy 10 displaced threshold by 919'/280m and LDA 4003'/1220m. Rwy 28 TORA 4003'/1220m and SWY 919'/280m. NDB Z Rwy 10 and NDB Y Rwy 10 ApcH Procs: Final transition not useable due to displaced threshold (based on FM SUP B 032-24).

Nairobi, Kenya, (Jomo Kenyatta), (10-9) Brilliance of all TWY lights is below the required threshold due rehabilitation works. During night/low visibility, pilots are required to exercise caution and in extreme conditions request for lead services from follow me car (based on SUP 36-24)

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- Bay J6 closed. All ACFT taxiing in and out of Bay 17 to 21 and J7 to J9 to taxi through J6 taxiway and strictly follow marshaller's instruction. All arriving ACFT for Bay 16 to shut engines abeam Bay 14 and be towed into Bay. All ACFT departing from Bay 16 to be towed from the Bay and start engines abeam J6 (based on SUP 054-24).
- Portion of TWY K from intersection of TWY G all the way to Terminal 1A apron (T1A) closed for rehabilitation.
- All ACFT taxiing in and out of T1A to use TWYs J and H respectively. (based on SUP 47-24)
- Nouakchott**, Mauritania, (Oumtounsy), IATA code for Nouakchott - Oumtounsy (GQNO) is NKC.
- Ollombo**, Congo, Rep of, (Sassou N'Guesso), (10-9) Sequenced Flashing Lights System (SFL) for RWY 04 installed (based on SUP FC A 40-23).
- Ouagadougou**, Burkina Faso, Twy Air Burkina closed (based on SUP GO A65-24).
- Owerri**, Nigeria, (Imo), (11-1) ILS Rwy 17 IOW: GS unserviceable (based on SUP 27-24).
- Work in progress on apron, Caution advised (based on SUP 13/21).
- Pilanesberg**, South African Rep, All landing area light unserviceable, NIGHT operations not permitted. TWR service on freq 118.4 MHz not available (based on SUP 026-24, eff 03 OCT 24: SUP 090-24).
- Polokwane**, South African Rep, (11-1) ILS RWY 05 approach procedure not usable (based on SUP 005-24, SUP 057-24).
- Port Elizabeth**, South African Rep, IFR ACFT to expect non standard clearance as follows: Arriving ACFT will be cleared from entry point to GNSS APCH point for RADAR vectoring for ILS APCH on relevant RWY. Departing ACFT to expect to climb on RWY track to FL070, further routing and climb under RADAR control (based on SUP 019-24, eff 05 SEP based on SUP 082-24).
- Port Harcourt**, Nigeria, (11-1A) CAT II VOR DME ILS rwy 21 suspended as IPC ILS is downgraded to CAT I (per SUP S17/2024).
- Port Said**, Egypt, (10-9) CAUTION: Birds in vicinity of airport (based on SUP 20-24).
- (10-9) Rwy 28 HIALS unserviceable (based on SUP 25-24).
- Rwy 10/28 closed for take-off and landing. (13-1) VOR Rwy 10 suspended (based on SUP 054-24). TWY A closed (based on SUP 055-24).
- Praslin**, Seychelles, (10-9) Partly damaged slab on apron, located NE of apron taxiway line, marked by red striped box. Pilots are not to taxi on the demarcated area (based on SUP 05-24).
- Richards Bay**, South African Rep, PAPI rwy 05/23 unserviceable (based on SUP 006-24, SUP 059-24).
- Sal**, Cape Verde, (Amilcar Cabral), Rwy 01/19 closed due to work in progress: Mon 0220-1235, Tue 0220-1230, Wed 0220-1230, Thu 0220-1100 and Fri 0220-1000 (based on SUP 20-24).
- Sambava**, Madagascar, (Sambava South), AVASI-L rwy 16 unserviceable (based on SUP FM B 02-24).
- Sao Pedro**, Cape Verde, (Cesaria Evora Intl), RWY 06/24 will be closed due to work in progress Tue-Sat 0700-0800 (based on SUP 17/24).
- Sao Tome**, Sao Tome and Principe, (Sao Tome International), LCTR RWY 29 (16-1): Circling MDA(H) CAT A reads 440'(407') instead of published.
- Sebha**, Libya, First 300m of Rwy 13 closed.
- Sharm El Sheikh**, Egypt, (10-2B/10-2C & 10-3B/10-3C) RNAV STARs and RNAV SIDs RWYs 22L/22R suspended.
- (10-9) CAUTION: Birds in vicinity of airport (based on SUP 14-24).
- Rwy 04R/22L closed due to maintenance. Twys H, J, K, L and M closed (based on SUP 40-24, SUP 41-24, CL IA 0572/24 and CL IA 0573/24).
- Sikhuphe**, Eswatini, (Sikhuphe Intl), Air traffic control training on Approach frequency 128.0. Pilots to exercise caution. (based on SUP 4-24)
- VOR DME VSK, freq 117.1 MHz, DME u/s (based on SUP 12/22).
- Songwe**, Tanzania, PAPI Rwy 09/27 operating but ground checked only, awaiting flight check (based on SUP 23-22).
- Taba**, Egypt, (Taba Intl), (10-9) CAUTION: Birds in vicinity of airport (based on SUP 16-24).
- RWY 04/22 closed and all the related charts and procedures are suspended. Parallel TWY A will be available as RWY 04L/22R between SF/SS in VMC. For details refer to temporary chart 10-8 and latest NOTAMs (based on AIRAC SUP 01-24).
- Ufn RNAV SIDs/STARs suspended.
- Tabarka**, Tunisia, (7 November), (10-9) Stands 1, 2 and 3 renamed to A1, A2 and A3.
- Tahoua**, Niger, Communication facility for 118.1 MHz changed to Tahoua Tower and transition altitude raised to 5000' (based on GO SUP B016-24).
- Takoradi**, Ghana, (Takoradi AB), Construction works in progress at the end of RWY 21 and at 164'(50m) short of displaced threshold RWY 21. Pilots are to exercise caution (based on SUPs 004 & 005-24).
- Tenerife Sur**, Canary Is, Based on SUP 34-24, eff 26 DEC 24 based on SUP 201-24, following procedures unusable: (12-3) RNP Z Rwy 07 (LPV only) and (12-4) RNP Z Rwy 25 (LPV only). Refer also to latest NOTAMs.
- Tenerife-North**, Canary Is, (Ciudad de La Laguna), (20-2 through 20-2E) BASUX holding not usable. (20-2, 20-2D) CANDE holding defined by VORDME LRO not usable. Use CANDE holding defined by VORDME TFN instead. Based on SUP 162-24 AIRAC.
- (20-3B through 20-3M) SIDs RWY 12 unusable due to unavailability of VORDME LRO. Use TEMP procedures (20-3P through 20-3U). Based on SUP 162-24 AIRAC.
- Based on SUP 055-23, eff 21 MAR 24 based on SUP 38-24, Intermediate Holding Positions R1 and R2 unserviceable. Refer also to latest NOTAMs.

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Based on SUP 162-24, LRO VOR DME is unserviceable due to system replacement.

Following changes apply:

(21-2) ILS Y Rwy 12, (21-5) ILS Y Rwy 30, (23-1)

VOR Rwy 30 and (23-2) VOR A not available.

DME/DME sensor of RNAV 1 TFN holding not usable for all other procedures.

(21-1) ILS Z Rwy 12, (21-3) LOC Rwy 12, (21-4)

ILS Z Rwy 30 and (21-6) LOC Rwy 30 references to LRO VOR DME not available.

Refer also to latest NOTAMs.

Based on SUP 201-24, following procedures unusable: (22-3) RNP Z Rwy 12 (LPV only) and (22-4) RNP Z Rwy 30 (LPV only). Refer also to latest NOTAMs.

RWY 30 approach lighting system 8% out of service, 420 m of the total approach lighting system is available (based on SUP 164-24).

Tobruk, Libya, (13-1, 13-2) VOR DME TBQ freq 112.3 MHz operating but ground checked only, awaiting flight check (based on SUP 06-22).

Tripoli, Libya, (Tripoli Intl), (10-2B/2C, 10-2D/2E, 10-2F/2G, 10-3, 10-3B/3C, 10-3D/3E, 10-3G, 13-1, 13-2, 16-1) procedures suspended due to D Lctr perm withdrawn and TPI VORDME relocated to N32 39.8 E013 07.1, new freq 114.6MHz;(11-1) missed approach changed: Climb straight ahead to 1500 feet, then turn right and proceed to PE Lctr climbing to 2000 feet and hold.

Apt closed ufn (based on SUP 010/21).

TWR freq changed to 118.1MHz

Tunis, Tunisia, (Carthage), (13-1) VOR Z RWY 01: MDA(H) with D3.0 raised to 410'(397') instead of 380'(367').

Wajir, Kenya, (Waghala), (13-1) VOR DME Rwy 15 and (13-2) VOR DME Rwy 33 suspended (per SUP 002-24).

Until approx 7 OCT 21 twys C, D, F and section of TWY A between intersections of TWYs D and C/F closed. Acft landing on RWY 33 should exit rwy via TWY B and proceed on TWY A to enter apron via TWYs H or G. Acft landing on RWY 15 should backtrack on RWY and exit via TWY B and proceed on TWY A to enter apron via TWYs H or G. Acft should exit the apron via TWYs H or G to join TWY A and proceed to RWY15 (based on SUP 056/21).

Walvis Bay, Namibia, ATIS frequency 127.0 MHz unserviceable (based on SUP 03-22).

Windhoek, Namibia, (Hosea Kutako (Intl)), ATIS frequency unserviceable.

Ziguinchor, Senegal, Apt closed to all traffic due to works in progress per SUP GO A97-24.