

## EUROPE - MEDITERRANEAN

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

## ENROUTE CHARTS

## GENERAL

According to Amendment 85 to ICAO Annex 10 all ACAS units shall be compliant with version 7.1 after 1 January 2017.

## CANARY IS

ATS ROUTE SYSTEM (HIGH/LOW) revised within Canaries FIR/UIR; for details refer to SUPPL A HL-3A. **A HL-1.**

## CROATIA

MINIMUM OBSTRUCTION CLEARANCE ALTITUDE (MOCA) estbld on all ATS routes within Zagreb FIR; altitude same as MEA. **E LO-12.**

## FRANCE

ALL UNDESIGNATED ATS ROUTES within Marseille FIR, withdrawn. **LFL 10-1.**

## LITHUANIA

AREA NAVIGATION (RNAV) ROUTES withdrawn from Vilnius FIR (N54 E023). **E LO-8, E LO-10, E LO-9.**

## UNITED ARAB EMIRATES

MAXIMUM AUTHORISED ALTITUDE (MAA) of ATS routes within FRA EMIRATES (Free Route Airspace) is FL355 if not otherwise specified (N25 E054). **ME HL-7A, ME HL-7B.**

## ALGERIA

DA(P)-70 redesignated DA(P)-70A (N33 W000). **A HL-1.**  
DA(P)-70B estbld; GND-FL290 (N33 W000). **A HL-1.**

## ARMENIA

## ATS ROUTES changed:

N996, ADILA (N3959.8 E04529.7) - IRLAN, 178°/358°, cruising levels NON-standard, EVEN levels S-bound. **ME HL-1.**

FRA waypoints estbld within Yerevan FIR:

AMGIK at N4104.6 E04355.6,  
BERDO at N4059.4 E04411.4,  
IDRUS at N4058.0 E04359.1,  
LUMIK at N4002.0 E04440.6. **ME HL-1.**  
UD(P)-1, GND-6500° (N40 E044). **ME HL-1.**

## BELARUS

HLVBOKAJE VOR (GLB) decmsnd (N55 E027). **E LO-10, E LO-9.**  
PINSK VOR (PNK) decmsnd (N52 E026). **E LO-10.**

## BELGIUM

## ATS ROUTES changed:

N872, AMMOF NCRP estbld at N5118.9 E00417.9, WOODY - AMMOF - Nicky VORDME (NIK), 6/10 NM. **EBBR 10-1.**

LIEGE DME (LIE) 113.85 channel 85Y cmsnd at N5042.1 E00533.0. **EBBR 10-1.**

LIEGE VORDME (LGE) decmsnd (N50 E005). **EBBR 10-1.**

## BULGARIA

CPDLC avbl for Sofia FIR, above FL215. **ME HL-1.**

## CROATIA

## ATS ROUTES changed:

B54, LAPOV (N4500.3 E01905.7) - VIBOP, redesignated Z34. **E LO-12.**

M859, MONFA (N4529.2 E01316.8) - UMBEK, MAA FL190. **E LO-12.**

W45, Cres NDB (CRE) - KULEN, redesignated Y88 (N45 E015). **E LO-12.**

## CYPRUS

## ATS ROUTES changed:

L13 estbld; EMEDA NCRP (N3428.9 E03348.2) - STEPA NCRP, 210°, 122NM, MEA FL40, cruising levels NON-standard, ODD levels SW-bound, one-way SW-bound. **A HL-2.**

L36 estbld; ODELO NCRP (N3339.6 E03322.9) - EMEDA NCRP, 018°, 54NM, MEA FL40, cruising levels NON-standard, EVEN levels NE-bound, one-way NE-bound. **A HL-2.**

L78, ODELO NCRP (N3339.6 E03322.9) estbld; STEPA - ODELO - AGUZO, 71/15NM. **A HL-2.**

P68, AZANA NCRP estbld at N3314.6 E03330.2; APLON - AZANA - MERVA, 81/59NM. **A HL-2, LLBG 10-1.**

## EGYPT

## ATS ROUTES changed:

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-2.**

W976, SISIK (N2936.0 E03241.1) to TAKSU, upper limit UNL, one-way E-bound. **A HL-2.**

## ESTONIA

ASSAMALLA DME (ASM) CH82Y (113.55) cmsnd at N5912.7 E02615.8. **E LO-8, E LO-9.**

HARJU-KEIBU DME (HAR) CH39X (110.20) cmsnd at N5915.5 E02346.4. **E LO-8, E LO-9.**

KAAREPERE DME (KRP) CH58Y (112.15) cmsnd at N5839.6 E02632.8. **E LO-9.**

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LAIMJALA DME (LAI) CH54Y (111.75) cmsnd at N5826.0 E02300.9. **E LO-8.**  
 SULTSI DME (SLT) CH31Y (109.45) cmsnd at N5815.4 E02537.2. **E LO-9.**  
 TALLIN DME (TLL) decmsnd (N59 E024). **E LO-8, E LO-9.**

## FINLAND

JOSIE DME (JNS) decmsnd (N62 E029). **E LO-8.**  
 KRJUNUPYY TMA, lower limit 1900' (N64 E023). **E LO-7, E LO-8.**  
 LINNA DME (SVL) decmsnd (N61 E028). **E LO-8.**  
 SAVONLINNNA DME (SA) CH48X (111.1) cmsnd at N6156.8 E02855.9. **E LO-8.**  
 UTTI VORDME (UTT) decmsnd. (N60 E026) **E LO-8.**

## FRANCE

## ATS ROUTES changed:

A1, BANKO (N4549.2 E00703.3) to SOFIK and DINOX to Bray Sur Seine VORDME (BRY), redesignated L615. **E LO-4.**  
 A3, Nevers VOR (NEV) replaced by TRARE CRP at same position; FEDZI CRP estbld at N4621.8 E00349.3; OMANI - FEDZI - LESPI, 6/16NM. **LFL1 10-1, E LO-4.**  
 A41, LISMO (N4652.2 E00546.7) - REVL1, redesignated T40. **E LO-4.**  
 B16, LUMAS (N4144.0 E00440.0) to Passeiry VORDME (PAS), redesignated Z16. **LFMN 10-1, LFL1 10-1, LFM1 10-1, E LO-5, E LO-6, E LO-4.**  
 B37, BANKO (N4549.2 E00703.3) to Chatillon Sur Marne DME (CTL), redesignated T37. **LFL1 10-1, E LO-3, E LO-4.**  
 B46, VANAS (N4527.4 E00644.8) to ASSEQ, redesignated Y51. **E LO-5, E LO-4.**  
 G4, Bray Sur Seine VORDME (BRY) to Hochwald DME (HOC), redesignated Y112 (N47 E007). **LSZH 10-1, E LO-4.**  
 G5, Passeiry VORDME (PAS) to AUCHE, redesignated T544 (N43 E001). **LFL1 10-1, E LO-5, E LO-4.**  
 G27, Monts D' Arree VOR (ARE) replaced by ERCOZ CRP at same position (N48 W003). **E LO-3(to-note), E LO-4.**  
 G32, Passeiry VORDME (PAS) to ROCCA, redesignated T345 (N45 E006). **E LO-4.**  
 H20, Dieppe VOR (DPE) replaced by OKRUZ CRP at same position (N49 E001). **E LO-3.**  
 J32, BOBSI (N4619.4 E00459.1) to MOLUS, redesignated Z32. **LFL1 10-1, E LO-4.**  
 J41, Passeiry VORDME (PAS) to VANAS, redesignated Y21 (N45 E006). **E LO-5, E LO-4.**  
 N852, [GT27A] x-break estbld at N4923.8 E00626.5; SUTAL - [GT27A] - AKELU, 5/2NM, MEAS FL60/FL80; AKELU - EXHOM, 153°/333°; EXHOM - Grostenquin VORDME (GTQ), 154°/334°. **E LO-3.**  
 R31, Nevers VOR (NEV) replaced by TRARE CRP at same position (N47 E002). **E LO-4.**  
 R50, Dieppe VOR (DPE) replaced by OKRUZ NCRP at same position (N49 E001). **E LO-3.**  
 R66, Monts D' Arree VOR (ARE) replaced by ERCOZ NCRP at same position (N48 W003). **E LO-4.**

R161, Nevers VOR (NEV) replaced by TRARE CRP at same position (N47 E002). **E LO-4.**  
 R226, Passeiry VORDME (PAS) to BALSI, redesignated Q226 (N45 E005). **LFL1 10-1, E LO-5, E LO-4.**  
 SAUVETERRE DE GUYENNE VOR (SAU) replaced by OBLOC CRP at same position, awys A25, G39, R10, T19, T616 and V14 (N44 W000). **E LO-5.**  
 T345, ROCCA (N4544.7 E00638.7) - ABULO, withdrawn. **E LO-5, E LO-4.**  
 Z87, BELUS (N4540.5 E00535.6) - SOPLO, MOCA 5600T, MEA FL120. **LFL1 10-1, E LO-5, E LO-4.**

ALES CEVENNES NDB (DA) decmsnd (N44 E004). **E LO-5.**  
 CLERMONT CTA Sector 1 (N46 E002) and Sector 2 (N45 E004) estbld; Class 'D', FL115-FL145. **LFL1 10-1, E LO-5, E LO-4.**  
 DEAUVILLE TMA withdrawn (N49 E000). **E LO-3, E LO-4.**  
 DIEPPE VOR (DPE) decmsnd (N49 E001). **E LO-3.**  
 LF(P)-65 & 66 estbld; GND-2500' (N49 E002). **E LO-3, E LO-4.**  
 LF(P)-67 estbld; GND-FL55 (N47 E006). **E LO-4.**  
 LF(P)-68-1 estbld; GND-2800' (N49 E005). **E LO-3, E LO-4.**  
 LF(P)-74 estbld; GND-4200' (N43 E006). **LFMN 10-1, LFM1 10-1, E LO-5.**  
 LF(P)-75 estbld; GND-FL55 (N49 E001). **E LO-3, E LO-4.**  
 LF(P)-76 estbld; GND-2200' (N48 E007). **E LO-3, E LO-4.**  
 LIMOGES CTA estbld; Class 'D', FL115-FL145 (N47 E002). **E LO-5, E LO-4.**  
 LYON CTA estbld; Class 'D', FL115-FL145 (N46 E004). **LFL1 10-1, E LO-5, E LO-4.**  
 MONTS D' ARREE VOR (ARE) decmsnd (N48 W003). **E LO-4.**  
 NEVERS VOR (NEV) decmsnd (N47 E002). **E LO-4.**  
 ROANNE VOR (ROA) decmsnd (N46 E004). **LFL1 10-1, E LO-4.**  
 ROANNE VORDME (ROA) 110.4 cmsnd at N4603.6 E00400.0. **LFL1 10-1, E LO-4.**  
 ROUEN TMA replaced by Lille TMA Sectors 14 to 16; Class 'D/E' 2000'-FL65 (N49 E001). **E LO-3.**  
 SAUVETERRE DE GUYENNE VOR (SAU) decmsnd (N44 W000). **E LO-5.**  
 THIERS VOR (TIS) decmsnd (N45 E003). **LFL1 10-1.**  
 TOULOUSE CTA estbld, Class 'C/D', FL115-FL145 (N43 E002). **E LO-5.**  
 TOULOUSE CTA renamed Toulouse Essais CTA (N42 E001). **E LO-5.**  
 TOULOUSE TMA upper limit FL115 (N43 E001). **E LO-5.**

## GERMANY

## ATS ROUTES changed:

L173, Maisach VORDME (MAH) to RIDAR, MEA FL100 (N48 E010). **E LO-4, EDDM 10-1.**  
 L619, MURIZ NCRP estbld at N5257.8 E01242.7; VIBIS - MURIZ - PODUS, 14/4NM. **E LO-8, E LO-10.**  
 M994, GILAS (N5237.9 E01431.6) - RENKI, withdrawn. **E LO-10, E LO-11.**

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N851, RAUTA (N4753.2 E00908.2) to LOKTA, one-way N-bound. Eff 13 Jun 25. **LSZH 10-1, E LO-4.**

Q760, Noervenich VORTAC (NVO) - ERUKI - RASVO, MEAs 5000'/6000' (N50 E006). **E LO-3, EDDF 10-1.**

T122 estbld; LOKTA NCRP - ARFAS NCRP at N4750.9 E00914.2, 170°, 19NM, MEA 6000', MAA FL230, one-way S-bound. **E LO-4.**

T159, PETIX to INBOS realigned; PETIX - PIWAW NCRP at N4953.4 E00947.7, 308°, 50NM; PIWAW - INBOS, 289°, 7NM; PETIX to INBOS, MAA FL240. **E LO-11.**

T732, RAUTA replaced by ARFAS NCRP at N4750.9 E00914.2; NEDOV - ARFAS, 123°, 15NM, MEA 6000'; ARFAS - GARMO, 139°/319°, 4NM, MEA 6000', chgd to two-way. **LSZH 10-1, E LO-4.**

T734, GARMO replaced by ARFAS NCRP at N4750.9 E00914.2; SONGI - ARFAS, 074°/255°, chgd to two-way. **LSZH 10-1, E LO-4.**

Y109 extended; UMTEX - ARFAS NCRP at N4750.9 E00914.2, 269°, 16NM, MEA 6000', MAA FL90, one-way W-bound. **E LO-4.**

Y165 realigned; SUKAD NCRP at N4933.1 E01031.9 - REKDI NCRP at N4939.3 E01025.9, 324°, 7NM; REKDI - EDUDU, 322°, 19NM. **E LO-11.**

Y854 extended; Wipper VOR (WYP) NCRP - PODIP NCRP, 106°, 21NM; PODIP - KUMIK, 120°, 12NM; Wipper VOR to KUMIK, MEA 4000', one-way SE-bound (N51 E007). **E LO-3, EDDF 10-1.**

Z104, IBAGA (N4944.6 E01033.6) to EKPUT realigned; AMOSA NCRP - REKDI NCRP - EKPUT, 297°, 17/15NM. **E LO-11.**

Z717, MURIZ NCRP estbld at N5257.8 E01242.7; PODUS - MURIZ - VIBIS, 4/14NM. **E LO-8, E LO-10.**

NIENBURG DME (NIE) CH29Y (109.25) cmsnd at N5237.6 E00922.3. **E LO-10, E LO-11.**

## GREECE

## ATS ROUTES changed:

B34, NETIS (N3642.2 E02457.8) to Rodos VORDME (RDS), MEA FL60. **E LO-14, ME HL-1.**

G12, GOLDO (N4052.9 E02615.0) to PEREN, MOCA 6700T; PARAX - Kerkira VORDME (KRK) MEA FL90. **E LO-14.**

G18, Rodos VORDME (RDS) to ALKIS, MEA FL60 (N36 E028). **A HL-2, E LO-14, ME HL-2.**

H59, Kavala VORDME (KPL) to Limnos VORDME (LMO), MOCA 6700T; NILVA to Lesvos VORDME (LSV), MOCA 4600T, MEA FL60; Lesvos VORDME to MARIK, MOCA 4900T, MEA FL60; Mesta VORDME (MES) to ORMOS, MEA FL70; ORMOS - Samos VORDME (SAM), MOCA 4900T, MEA FL80; Samos VORDME - LARKI - KOPAR, MOCA 4500T/3500T, MEAs FL60/FL50 (N40 E024). **E LO-14, ME HL-1.**

J62, Mikonos VORDME (MKN) to GIVIS, MOCA 4800T, MEA FL60 (N37 E025). **E LO-14.**

L607, Sitia VORDME (SIT) - PAXIS, MEA FL80 (N35 E026). **A HL-2.**

L609, Rodos VORDME (RDS) to ALKIS, MEA FL60 (N36 E028). **A HL-2, E LO-14, ME HL-2.**

L995, Kea VORDME (KEA) to AKINA and Rodos VORDME (RDS) to VANZA, MEA FL60 (N37 E024). **A HL-2, E LO-14, ME HL-1, ME HL-2.**

M/UM872, LINGI coords chgd to N3431.2 E02433.0 and SAMAZ NCRP estbld at N3457.4 E02401.0; LINGI - SAMAZ - Paleochora VORDME (PLH) NCRP, 37/23NM. **A HL-2.**

M600, IDIMI (N3859.0 E01923.0) - Kerkira VORDME (KRK) - PARAX, MEAs FL50/FL90. **E LO-14.**

M601, NETIS (N3642.2 E02457.8) to Rodos VORDME (RDS), MEA FL60. **E LO-14, ME HL-1.**

N128, OTHON (N3427.4 E03000.0) to Rodos VORDME (RDS), MEA FL60. **A HL-2, E LO-14, ME HL-2.**

N137, ASTIS (N3633.9 E02614.0) to RIPLI, MEA FL60. **E LO-14.**

N604, Lesvos VORDME (LSV) - ATSOV, MEA FL60 (N39 E026). **E LO-14, ME HL-1.**

R19, Kea VORDME (KEA) to AKINA, MOCA 4800T, MEA FL60 (N37 E024). **E LO-14, ME HL-1.**

R32, GENDO (N3655.3 E02447.7) to RIPLI, MOCA 4800T, MEA FL60. **E LO-14.**

IRAKLION TMA KARPATHOS AREA estbld; Class 'D', 2000'AGL-FL125 (N35 E026). **A HL-2.**

## ISRAEL

## ATS ROUTES changed:

N11, RENVO (N3156.1 E03407.5) - SUVAS, withdrawn. **LLBG 10-1.**

EILOT HOLDING (N2936.5 E03458.6) withdrawn. **LLBG 10-1.**

LL(P)-04 estbld; GND-3000' (N32 E035). **LLBG 10-1.**

SHAYO HOLDING estbld (N3019.7 E03507.1), inbound track 185°, RIGHT turns, MHA 10000'. **LLBG 10-1.**

## ITALY

## ATS ROUTES changed:

ALBENGA NDB (ABN) replaced by waypoint EGHIN at same position (M985, Q985, Y15, Z388, Z929) (N44 E008). **E LO-5.**

M740, Pantelleria VORDME (PAN) to DOBIX, MAA FL190 (N36 E011). **A HL-2.**

M978, SONAK (N3637.2 E01130.0) - DOBIX, MAA FL190. **A HL-2.**

M979, SONAK (N3637.2 E01130.0) - DINUX, MOCA withdrawn, MAA FL190. **A HL-2.**

M979, SONAK (N3637.2 E01130.0) - DINUX, redesignated P573, MEA FL100. **A HL-2, E LO-14.**

RONCHI DEI LEGIONARI Lctr (RON) replaced by ELPEZ CRP at same position (P125, Y526) (N45 E013). **E LO-12.**

W323, LUSIL (N4602.6 E01007.0) - EVRIP, redesignated M984. **E LO-4.**

ALBENGA NDB (ABN) decmsnd (N44 E008). **E LO-5.**

ALBENGA NDB (ABN) HOLDING (N4403.4 E00813.3) withdrawn. **E LO-5.**

RONCHI DEI LEGIONARI Lctr (RON) decmsnd (N45 E013). **E LO-12.**

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RONCHI DEI LEGIONARI Lctr (RON) HOLDING replaced by ELPEZ HOLDING at same position (N45 E013). **E LO-12.**  
 VOGHERA VORDME (VOG) HOLDING MHA FL100 (N44 E008). **E LO-5, E LO-13.**

## JORDAN

## ATS ROUTES changed:

G662, BUSRA (N3220.0 E03637.0) to ALKOT, suspended until 30 Dec 24. **ME HL-2.**  
 R652, KULDI (N3118.8 E03632.2) - KIPAS, suspended until 30 Dec 24. **ME HL-2.**

## LATVIA

FRA waypoints chgd within Riga FIR:  
 ABREX (N5627.6 E02029.5) withdrawn,  
 ABRUM (N5615.0 E02043.0) withdrawn,  
 AMRIT (N5632.2 E02141.1) withdrawn,  
 ARBIS (N5645.2 E02040.1) withdrawn,  
 BIENE estbld at N5645.5 E02153.5,  
 FATXO estbld at N5639.0 E02158.8,  
 LEPVA (N5610.8 E02105.5) withdrawn,  
 ROKSO (N5636.1 E02139.9) withdrawn,  
 VASAB (N5640.5 E02136.7) withdrawn. **E LO-8, E LO-10, E LO-9.**

## LIBYA

## ATS ROUTES changed:

M7, RIGED (N3152.9 E01923.0) renamed KUNEB. **A HL-2.**  
 M732, RIGED (N3152.9 E01923.0) renamed KUNEB. **A HL-2.**

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

## LITHUANIA

FRA waypoints estbld within Vilnius FIR:  
 ADIDU at N5431.8 E02338.1,  
 CUGLA at N5548.8 E02001.5,  
 CUZVO at N5517.9 E02422.8,  
 EDFIG at N5454.5 E02410.9,  
 ELGIB at N5527.4 E02602.7,  
 GOJOM at N5506.7 E02258.9,  
 GUNZI at N5530.1 E02134.6,  
 IBOPI at N5543.8 E02039.1,  
 IBSUT at N5518.2 E02238.9,  
 IRZUK at N5514.0 E02302.2,  
 LIZUP at N5404.4 E02331.5,  
 MEDID at N5525.9 E02524.4,  
 MOLFU at N5539.0 E02536.8,  
 ORZIK at N5501.5 E02304.6,  
 OTNAV at N5455.6 E02440.6,  
 PAFRA at N5418.4 E02354.8,  
 PEKWA at N5503.0 E02336.1,  
 RADOF at N5603.0 E02213.1,  
 SAZME at N5552.6 E02321.6,  
 TUNGA at N5413.6 E02323.0,  
 UBORU at N5533.3 E02309.3,  
 UGFOS at N5546.9 E02208.3,  
 UPNAN at N5606.5 E02204.6,  
 VAKIR at N5520.2 E02354.0,  
 VUBCA at N5425.7 E02353.0. **E LO-8, E LO-10, E LO-9.**

VILNIUS TMA, lower limit 1400' (N54 E025). **E LO-10.**  
 VILNIUS TMA, should read 'UPPER LIMIT FL95' (N55 E025). **E LO-9.**

## MALTA

## ATS ROUTES changed:

M979, DINUX (N3630.0 E01149.3) to SUDIK, redesignated P573. **A HL-2, E LO-14.**  
 N573, UPLIT (N3630.0 E01332.4) - TOVMA, 242°062°, MEA FL100, chgd to two-way; cruising levels NON-standard, EVEN levels NE-bound. **A HL-2.**  
 P3, VENIM (N3630.0 E01725.6) - BINKO, withdrawn. **A HL-2.**  
 Q789, ORTAP (N3630.0 E01820.0) to DEMAG, withdrawn. **A HL-2.**  
 Y751, LEVDI (N3630.0 E01849.5) to RASNO, redesignated M855. **A HL-2.**  
 Z333, SUDIK (N3524.5 E01430.5) - ELIMO, redesignated P573. **A HL-2.**  
 CPDLC avbl for Malta UIR, above FL195, west of E018; Data Link ADS is LMMM. **A HL-2.**

## MOROCCO

AL HOCEIMA CTR estbld; Class 'D', GND-4000' (N35 W003). **A HL-1.**  
 AL HOCEIMA Lctr (ALU) decmsnd (N35 W003). **A HL-1.**  
 GM(P)-UNDESIGNATED AREA estbld; GND-FL205, ufn (N31 W004). **A HL-1.**

## NORWAY

## ATS ROUTES changed:

L997, Vigna VORDME (VIG) - OBITI, MEA FL100 (N62 E006). **E LO-1.**  
 Z320, GIGNI (N6200.0 E01129.1) - VEVOD, MEA FL100. **E LO-1.**  
 STATFJORD B NDB (STB) decmsnd (N61 E001). **E LO-1.**

## OMAN

## ATS ROUTES changed:

M300, GOLBA (N2133.3 E05946.0) to LOTAV, MOCA 3000T. **ME HL-7A.**  
 P574, MUSRU (N2302.9 E05922.4) - PAROK, chgd to one-way W-bound. **ME HL-7A.**

## POLAND

FRA waypoints estbld within Warsaw FIR:  
 ARTOB at N4950.6 E02120.9,  
 LIZUP at N5404.4 E02331.5,  
 LUMEQ at N4950.4 E02133.1,  
 OFEDE at N5402.8 E02320.0,  
 TUNGA at N5413.6 E02323.0. **E LO-10, E LO-11.**  
 LEGNICA DME (BIA) CH120Y (117.35) cmsnd at N5117.6 E01555.3. **E LO-11.**  
 OSTASZE DME (OST) CH90X (114.3) cmsnd at N5255.7 E02305.2. **E LO-10.**

## PORTUGAL

ATMIS waypoint (N3802.4 W01000.2) withdrawn. **E LO-6.**

## EUROPE - MEDITERRANEAN

INBOM HOLDING estbld (N4000.1 W00818.1);  
inbound track 192°, LEFT turns, MHA FL150.  
**E LO-6.**

XAMAX HOLDING estbld (N4001.9 W00832.2);  
inbound track 178°, LEFT turns, MHA FL150.  
**E LO-6.**

## RUSSIA

UL(P)-611 estbld; GND-3300' (N57 E028). **E LO-9.**

UU(P)-63 withdrawn (N55 E037). **E LO-9.**

UU(P)-440 and -441 estbld; GND-3300' (N55 E034).  
**E LO-9.**

VELIKIY NOVGOROD DME (NVG) ident chgd to  
'NWG' (N58 E031). **E LO-9.**

## SERBIA-MONTENEGRO

CPDLC avbl for Belgrade FIR/UIR, above FL205,  
Data Link ADS is LYBA. **E LO-12.**

## SLOVAKIA

## ATS ROUTES changed:

A4, ODNEM (N4851.2 E01710.1) to Nitra VORDME  
(NIT), MAA FL140. **E LO-11, E LO-12.**

A42, MALBE (N4849.4 E02222.5) to KALIF, closed  
ufn. **E LO-11, E LO-12.**

A42, MALBE (N4849.4 E02222.5) to Nitra VORDME  
(NIT), MAA FL140. **E LO-11, E LO-12.**

B7, LENOV (N4920.2 E02100.6) to Kosice  
VORDME (KSC), closed ufn. **E LO-11.**

B7, LENOV (N4920.2 E02100.6) to Kosice  
VORDME (KSC), MAA FL140. **E LO-11.**

B45, BILNA (N4923.6 E01826.8) to Sliac VORDME  
(SLC), MAA FL140. **E LO-11, E LO-12.**

N190 estbld; MALBE (N4849.4 E02222.5) to Nitra  
VORDME (NIT), MAA FL240, for other route  
details see A42; Nitra VORDME - Stefanik North  
NDB (OKR), MAA FL240, for other route details  
see R23. **E LO-11, E LO-12.**

R23, MEBAN (N4927.3 E01938.8) to Stefanik North  
NDB (OKR), MAA FL140. **E LO-11, E LO-12.**

R53, LENOV (N4920.2 E02100.6) to Sliac VORDME  
(SLC), MAA FL140. **E LO-11, E LO-12.**

R232, LOLKA (N4913.2 E02006.0) to KEKED, MAA  
FL140. **E LO-11.**

R232, MARKA (N4853.4 E02040.6) - Kosice  
VORDME (KSC), closed ufn. **E LO-11.**

T710 estbld; LASOT (N4838.1 E02214.8) to Kosice  
VORDME (KSC), MAA FL240, for other route  
details see W425; Kosice VORDME to LOLKA,  
MAA FL240, for other route details see R232.  
**E LO-11.**

W425, LASOT (N4838.1 E02214.8) to Kosice  
VORDME (KSC), closed ufn. **E LO-11.**

W425, LASOT (N4838.1 E02214.8) to Kosice  
VORDME (KSC), MAA FL140. **E LO-11.**

Y73 estbld; LENOV (N4920.2 E02100.6) to Sliac  
VORDME (SLC), MAA FL240, for other route  
details see R53. **E LO-11, E LO-12.**

PIESTANY DME (PNY) CH83Y (113.65) cmsnd at  
N4837.1 E01749.7.

**E LO-12.**

UZHGOROD WEST CTR withdrawn (N48 E021).  
**E LO-11, E LO-12.**

UZHGOROD WEST TMA withdrawn (N48 E021).  
**E LO-11, E LO-12.**

## SLOVENIA

FRA waypoint estbld:

AVVAH at N4553.5 E01457.6. **E LO-12, E-51.**

## SPAIN

## ATS ROUTES changed:

A44, Malaga VORDME (MGA) to TARIK, withdrawn  
(N36 W004). **A HL-1.**

A301, PEKOP (N3550.0 W00326.5) to Malaga  
VORDME (MGA), redesignated Z901. **A HL-1.**

A857, Seville VORDME (SVL) to KORNO, withdrawn  
(N35 W007). **A HL-1.**

B11, Malaga VORDME (MGA) to GALTO, withdrawn  
(N35 W005). **A HL-1.**

B28, Malaga VORDME (MGA) to XAVIR, withdrawn  
(N36 W005). **A HL-1.**

B95, Malaga VORDME (MGA) to GONZA,  
withdrawn (N36 W002). **A HL-1.**

G5, KORIS (N3550.0 W00614.4) to Vejer De La  
Frontera VORDME (VJF), withdrawn. **A HL-1.**

G850, Almeria VORDME (AMR) to BERUM,  
withdrawn (N35 W003). **A HL-1.**

H53, ADKIM (N3550.0 W00601.7) - Vejer De La  
Frontera VORDME (VJF), withdrawn. **A HL-1.**

L27, Bailen VORDME (BLN) - Martin VORDME  
(MAR), MEA FL100; KORIS (N3550.0 W00614.4)  
to Vejer De La Frontera VORDME (VJF), MEA  
FL100; KORIS to Martin VORDME, chgd to  
one-way NE-bound. **E LO-6.**

L112, Almeria VORDME (AMR) to Altet VORDME  
(ALT), cruising levels standard, EVEN levels  
NE-bound. **E LO-6.**

L176, Domingo VORDME (DGO) - CEGAM, chgd to  
one-way NE-bound (N42 W002). **E LO-5.**

M985, XAVIR (N3600.3 W00514.6) - PIMOS, MEA  
FL90. **E LO-6.**

N10 extended; Vejer De La Frontera VORDME (VJF)  
- LINTO CRP at N3550.0 W00557.3, 179°/359°,  
24NM, MEA FL70, MAA FL140 (S-bound).  
**E LO-6.**

N725, KOHDE NCRP estbld at N4229.5 W00314.4;  
RATAS - KOHDE - Domingo VORDME (DGO),  
35/16NM. **E LO-5.**

N733, CATON (N3948.3 W00112.7) - WALLY, MEA  
FL100; Castejon VORDME (CJN) to Valencia  
VORDME (VLC), MAA FL140 (E-bound), MAA  
FL660 (W-bound). **E LO-6.**

N745, Zamora VORDME (ZMR) to RIVRO, MAA  
FL140 (S-bound); RIVRO - TOSDI, MAA FL240  
(N-bound); TOSDI - Zamora VORDME, MAA  
FL660 (N-bound). **E LO-6.**

N855, GENIO (N3817.6 E00308.9) - BUYAH, chgd  
to one-way S-bound. **E LO-6.**

N860, Valencia VORDME (VLC) to GRAUS, MEA  
FL100, MAA FL140 (N-bound). **E LO-6.**

N975, ELVAR (N3913.2 W00713.4) - Caceres  
VORDME (CCS), MAA FL140 (NE-bound), MAA  
FL240 (SW-bound); Caceres VORDME to Toledo  
VORDME (TLD) and PALIO - Castejon VORDME  
(CJN), MAA FL140 (NE-bound), MAA FL660  
(SW-bound). **E LO-6.**

P34, MAGAL (N3804.4 W00013.8) to HAMRA, chgd  
to one-way S-bound. **E LO-6.**

**EUROPE - MEDITERRANEAN**

R10, Vejer De La Frontera VORDME (VJF) - LINTO, withdrawn (N35 W005). **A HL-1.**

R24, Malaga VORDME (MGA) to GOLFO, withdrawn (N36 W002). **A HL-1.**

T100, GOSOS (N3605.2 W00443.5) - SOVIS, MEA FL100. **E LO-6.**

T100, PISIG (N3555.9 W00614.4) withdrawn; XULIM - TAVSI, 15NM; RINDI to ORTOP, MAA withdrawn, upper limit FL660. **A HL-1.**

T250, RIXOT (N4023.5 E00440.0) to Mallorca VORDME (MJV), cruising levels standard, ODD levels SW-bound. **E LO-6.**

UL27, KORIS (N3550.0 W00614.4) to Vejer De La Frontera VORDME (VJF), redesignated L27, 029°/(209°), MEA FL100. **A HL-1.**

UL58, PEPAS (N3709.6 W00334.3) to BERUM, redesignated L58. **A HL-1.**

UL82, Vejer De La Frontera VORDME (VJF) to RUNAX, redesignated L82, MEA FL200. **A HL-1.**

UL112, DIMER (N3718.4 W00110.1) to Malaga VORDME (MGA), redesignated L112; Almeria VORDME (AMR) to Malaga VORDME, MEA FL110. **A HL-1.**

UL195, Malaga VORDME (MGA) to LIGUM, redesignated L195; Malaga VORDME to GONZA, MEA FL100 (N36 W002). **A HL-1.**

UM143, GALTO (N3550.0 W00508.6) - Almeria VORDME (AMR), redesignated M143. **A HL-1.**

UM192, TARIK (N3624.3 W00108.3) to Almeria VORDME (AMR), redesignated M192, MEA FL100. **A HL-1.**

UM372, ESAMI (N3550.0 W00241.2) - Almeria VORDME (AMR), redesignated M372, MEA FL100. **A HL-1.**

UM744, CARBO (N3615.1 W00129.7) to Malaga VORDME (MGA), redesignated M744; BOLKA withdrawn; GOLFO - OBAKA, 69NM; GOLFO to Malaga VORDME, MEA FL100. **A HL-1.**

UM985, BARPA (N3550.0 W00540.0) to Malaga VORDME (MGA), redesignated M985; XAVIR to Malaga VORDME, MEA FL90. **A HL-1.**

UM999, PODES (N3550.0 W00402.9) - Malaga VORDME (MGA), redesignated M999. **A HL-1.**

UN10, Vejer De La Frontera VORDME (VJF) - LINTO, redesignated N10, 179°/359°, MEA FL70, MAA FL140 (S-bound), chgd to two-way (N35 W005). **A HL-1.**

UN493, BERUM (N3550.0 W00314.2) - Malaga VORDME (MGA), redesignated N493. **A HL-1.**

UN726, ORTOP (N3601.6 W00723.0) - BAMBBA, redesignated N726. **A HL-1.**

UN851, Malaga VORDME (MGA) to Vejer De La Frontera VORDME (VJF), redesignated N851 (N36 W004). **A HL-1.**

UN857, Seville VORDME (SVL) to KORNO, redesignated N857, MEAs FL100/FL130 (N35 W007). **A HL-1.**

UN860, BERUM (N3550.0 W00314.2) to Almeria VORDME (AMR), redesignated N860, MEA FL100. **A HL-1.**

UN869, GALTO (N3550.0 W00508.6) to Malaga VORDME (MGA), redesignated N869; MEA FL90. **A HL-1.**

UN871, ADUBI to Vejer De La Frontera VORDME (VJF), redesignated N871; PISIG (N3555.9 W00614.4) withdrawn; ADUBI - Vejer De La Frontera VORDME, 036°/(216°), 30NM. **A HL-1.**

UT100, RINDI (N3706.3 W00003.8) to ORTOP, withdrawn. **A HL-1.**

UZ19, SOVIS (N3557.6 W00546.6) - Vejer De La Frontera VORDME (VJF), redesignated Z19, MEA FL100. **A HL-1.**

UZ53, ADKIM (N3550.0 W00601.7) - Vejer De La Frontera VORDME (VJF), redesignated Z53, MEA FL80, MAA FL190. **A HL-1.**

V19, Vejer De La Frontera VORDME (VJF) - SOVIS, withdrawn (N35 W005). **A HL-1.**

**SWITZERLAND**
**ATS ROUTES changed:**

A1, SOFIK (N4616.4 E00638.0) to DINOX, redesignated L615; St Prex VORDME (SPR) - DINOX, MOCA 7800T. **E LO-4.**

B37, KOVAR (N4623.5 E005 49.0) - Passeiry VORDME (PAS) - EMGUT, redesignated T37; MOCAs 7900T/9900T, MEAs 8000/10000'. **LFLL 10-1, E LO-4.**

B46, St Prex VORDME (SPR) - ASSEQ, withdrawn (N46 E006). **E LO-4.**

G5, Fribourg VORDME (FRI) to Passeiry VORDME (PAS), withdrawn (N46 E007). **E LO-4.**

J41, Passeiry VORDME (PAS) - ESAPI, redesignated Y21; MOCA 9500T, MAA FL500. **LFLL 10-1, E LO-4.**

L50, BANKO (N4549.2 E00703.3) - VALOR, MEA FL190, MOCA 16100T. **E LO-4.**

L613, SUXAN (N4633.7 E01028.8) to RONAG, MOCA 14800T, MEA 16000'; RONAG - ARGAX, MOCA 13400T, MEA 15000'; ARGAX - ELMUR, MOCA 10000T, MEA 12000'; ELMUR - MANEG - RIPUS - DITON, MOCAs 7600T/5200T/4600T, MEA 9000'; DITON - Hochwald DME (HOC), MOCA 5100T. **LSZH 10-1, E LO-4.**

L856, AKABI (N4743.0 E00914.0) - ROMIR - Trasadingen DME (TRA) - Hochwald DME (HOC), MOCAs 3200T/4100T/5400T. **LSZH 10-1, E LO-4.**

M858, Trasadingen DME (TRA) - RISLI - BARIG - ASGED - AGERI - URNAS - LUKOM - CANNE, MOCAs 3900T/4400T/4200T/6900T/8000T/13100T/12800T (N47 E008). **LSZH 10-1, E LO-4.**

N491, Trasadingen DME (TRA) - Zurich East VORDME (ZUE) - DEGES, MOCAs 4800T/5600T (N47 E008). **LSZH 10-1, E LO-4.**

N850, Trasadingen DME (TRA) - RIPUS - GERSA - SOSON - DEGAD - ODINA, MOCAs 4400T/7700T/13400T/12100T/11700T (N47 E008). **LSZH 10-1, E LO-4.**

N869, OLBEN (N4718.3 E00737.8) to BENOT, MOCA 5900T, MEA 11000'; BENOT - NEMOS - VEROX, MOCAs 5900T/5500T, MEA 10000'; VEROX - MILPA, MOCA 7300T. **LSZH 10-1, E LO-4.**

N871, MOLUS (N4626.6 E00640.8) - SOSAL - TELNO - KORED - KONOL - BERSU, MOCAs 8100T/7600T/6700T/5300T/5400T, MEA 10000'; BERSU - SUREP - DITON - DEGES, MOCAs 4200T/4400T/5400T, MEA 14000'; DEGES - GAMSА, MOCA 5700T. **LSZH 10-1, E LO-4.**

R226, Passeiry VORDME (PAS) - RUMIL, redesignated Q226, MEA FL150, MOCA 7900T (N45 E005). **LFLL 10-1, E LO-4.**

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- T14, LASUN (N4724.9 E00732.3) - LUMEL - ARNOT, MOCAs 4800T/4400T, MEA 10000, MAA FL660. **LSZH 10-1, E LO-4.**
- T50, VEBIT (N4716.1 E00800.4) - ROTOS, MOCA 4400T. **LSZH 10-1, E LO-4.**
- T51, VEBIT (N4716.1 E00800.4) - DANZE - LASUN, MOCAs 4200T/5400T. **LSZH 10-1, E LO-4.**
- T52, VEBIT (N4716.1 E00800.4) - BALIR - LUMEL, MOCA 5900T/5600T. **LSZH 10-1, E LO-4.**
- T53, VEBIT (N4716.1 E00800.4) - OBEDU, MOCA 4700T; OBEDU to GERSA, MOCA 7700T. **LSZH 10-1, E LO-4.**
- T103, DITON (N4718.1 E00820.0) - KUDIS - NUNRI, MOCAs 4900T/4600T, MEAs 14000/10000'. **LSZH 10-1, E LO-4.**
- T125, RAMOK (N4701.3 E00741.1) - Willisau VORDME (WIL), MOCA 5300T; Willisau VORDME to ENONO, MOCA 4300T, MEA 8000'; ENONO - Zurich East VORDME (ZUE) - ROMIR, MOCAs 3500T/3700T, MEAs 8000'/6000'. **LSZH 10-1, E LO-4.**
- T163, DITON (N4718.1 E00820.0) - ROTOS, 252°, MOCA 4700T; ROTOS - LUTIX, 261°, MOCA 6000T; DITON to LUTIX, MEA 7000', one-way W-bound; DITON - Zurich East (ZUE), MEA 14000', MOCA 4700T. **LSZH 10-1, E LO-4.**
- T330, MOLUS (N4626.6 E00640.8) CRP - GILIR, MOCA 8100T. **E LO-4.**
- T544 extended; Fribourg VORDME (FRI) to Passeiry VORDME (PAS), for details see former G5; VEBIT (N4716.1 E00800.4) - Willisau VORDME (WIL) - Fribourg VORDME (FRI) - ROMOM - REVLII, MOCAs 4500T/7100T/7300T/5500T; REVLII to PETAL, MOCA 4700T; PETAL - Geneva VORDME (GVA) - Passeiry VORDME (PAS), MOCAs 5800T/6300T. **LFLL 10-1, E LO-4.**
- T625, ROMIR (N4742.8 E00906.5) - SUBEX - Willisau (WIL) - OSKUP, MOCAs 5600T/5800T/4600T, MEA 8000'; OSKUP - DEKAM, MOCA 6000T, MEA 9000'. **LSZH 10-1, E LO-4.**
- T626, DOUCI (N4723.1 E00702.1) to OSKUP, MOCA 5900T. **LSZH 10-1, E LO-4.**
- T627, LUTIX (N4709.9 E00722.2) - KOPPI - BIRKI - ULMES, MOCAs 6000T/4600T/5000T. **E LO-4.**
- T718, ELMUR (N4709.4 E00854.5) - Trasadingen DME (TRA), MOCA 8000T. **LSZH 10-1, E LO-4.**
- T721, RILAX (N4756.6 E00830.8) - Zurich East VORDME (ZUE), MOCA 4600T. **LSZH 10-1, E LO-4.**
- T734, Trasadingen DME (TRA) - RONIX, MOCA 4400T; Trasadingen DME - SONGI, MOCA 4600T. **LSZH 10-1, E LO-4.**
- T901, ARVAN (N4713.9 E00743.7) - NEMAG - Willisau VORDME (WIL), MOCAs 5200T/4100T. **LSZH 10-1, E LO-4.**
- W112, ESEVA (N4648.1 E00700.9) to LUKOM, withdrawn. **E LO-4.**
- Y3, ELBEG (N4741.8 E00745.0) - GIPOL, MOCA 5100T. **LSZH 10-1, E LO-4.**
- Y5, MEBOX (N4705.2 E00736.6) to BARIG, MOCA 4500T. **LSZH 10-1, E LO-4.**
- Y51 extended; St Prex VORDME (SPR) - ASSEQ NCRP, for details see former B46, MOCA 8800T, MEA FL110; KONIL NCRP estbd; St Prex VORDME - KONIL, 001°/181°, 6NM, MOCA 6200T; KONIL - LORBU, 014°/194°, 10NM, MOCA 6900T; St Prex VORDME to LORBU, cruising levels NON-standard, EVEN levels N-bound; LORBU - FLORY - PALLU - DEKAM - BALIR, MOCAs 6900T/6200T/7000T/5800T; BALIR to LASUN, MOCA 5700T; LASUN - Hochwald DME (HOC), MOCA 5300T; St Prex VORDME to DEKAM, MEA FL90; DEKAM to LEPLA, MEA FL80 (N46 E006). **LSZH 10-1, E LO-4.**
- Y55, SOVAD (N4620.3 E00602.9) - Geneva VORDME (GVA) - SALEV, MOCAs 7200T/6300T, MEAs FL100/FL90. **E LO-4.**
- Y56, Fribourg VORDME (FRI) - SALEV, MEA FL110, MOCA 8200T (N46 E007). **E LO-4.**
- Y58, NEMOS (N4654.7 E00654.4) - VADAR - St Prex VORDME (SPR), MOCAs 5100T/4200T, MEA 10000'; St Prex VORDME - Geneva VORDME (GVA) - SALEV, MOCAs 4800T/6300T, MEA 8000'. **E LO-4.**
- Y61 estbd; SOSON (N4636.4 E00835.7) - LUKOM, for details see former W112; MOCA 12600T. **E LO-4.**
- Y100, UMTEX (4750.3 E00937.5) to Willisau VORDME (WIL), MOCA 4600T. **LSZH 10-1, E LO-4.**
- Y170, ABREG (N4618.4 E00933.1) - ARGAX - ROMIR, MOCAs 13300T/10000T, MEAs 14000'/13000'. **LSZH 10-1, E LO-4.**
- Z1, DEGEG (N4724.8 E00912.1) - ROMGA - BODAN, MOCAs 5600T/4900T. **E LO-4.**
- Z2, DEGEG (N4724.8 E00912.1) - DORAP, MOCA 5900T. **E LO-4.**
- Z6, DEGEG (N4724.8 E00912.1) - NUNRI, MOCA 5600T. **E LO-4.**
- Z50, OLBEN (N4718.3 E00737.8) - ROTOS - BERSU - URIGI - GERSA - KELIP, MOCAs 5600T/5000T/7500T/7700T/9900T; KELIP to PELAD, MOCA 13300T; PELAD - RESIA, MOCA 13200T. **LSZH 10-1, E LO-4.**
- Z57, LAMUR (N4634.8 E00713.9) - GUDAX - DOPII, MOCAs 9400T/7400T. **E LO-4.**
- Z58, BERSU (N4708.1 E00756.5) - Trasadingen DME (TRA), MOCA 4300T. **LSZH 10-1, E LO-4.**
- Z59, KONOL (N4659.7 E00740.9) - BALIR, MOCA 5900T, MEA 8000'; BALIR - LUMEL, MOCA 5600T. **E LO-4.**
- Z60, AMRID (N4656.1 E00719.6) - Fribourg VORDME (FRI) - VADAR, MOCAs 5900T/7600T. **E LO-4.**
- Z61, SOSAL (N4633.5 E00653.1) - Fribourg VORDME (FRI), 044°/(224°), MOCA 8000T. **E LO-4.**
- Z62, DEREM (N4621.4 E00610.6) - NAMEI, MOCA 6200T; NAMEI - TINAM - MOLUS, MOCAs 6000T/9200T, MEA 10000'. **E LO-4.**
- Z63, KONIL (N4634.1 E00627.5) - SOSAL, MOCA 7200T. **E LO-4.**
- Z64, LIRKO (N4634.3 E00548.9) - St Prex VORDME (SPR) - MOLUS, MOCAs 6800T/8100T. **E LO-4.**
- Z65, St Prex VORDME (SPR) - Gland NDB (GLA), MOCA 5500T (N46 E006). **E LO-4.**

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Z67, VENAT (N4614.7 E00635.8) - LAMUR - KORED, MOCAs 9700T/9100T, MEA 16000'. **E LO-4.**

Z69, Trasadingen DME (TRA) - OLBEN, MOCA 5600T, MEA 14000' (N47 E008). **LSZH 10-1, E LO-4.**

Z83, DETRI (N4636.4 E00848.9) - ULGOD and ROSGO - GUGSA, MOCA 13300T. **E LO-4.**

Z90, Hochwald DME (HOC) - Willisau VORDME (WIL), MOCA 5100T (N47 E007). **LSZH 10-1, E LO-4.**

Z119, KUSAM (N4708.2 E01016.9) to PELAD, MOCA 13400T, MEA FL160; PELAD - PIXOS - DETRI - SOSON, MOCAs 13300T/12700T/12600T, MEA FL160; KUSAM to SOSON, MAA FL240; route extended, SOSON to ESEVA; SOSON- MONIN, MOCA 14900T, MEA FL170; MONIN - TELNO - Fribourg VORDME (FRI) - ESEVA, MOCAs 13700T/7400T/6200T, for other route details see former W112. **E LO-4.**

Z138, KESEX (N4714.1 E00843.0) - KUDIS - DEGES, MOCAs 5700T/6600T. **LSZH 10-1, E LO-4.**

Z141, MEBOX (N4705.2 E00736.6) - BERSU - AMRUP, MOCAs 4800T/5500T. **LSZH 10-1, E LO-4.**

Z142, RAMOK (N4701.3 E00741.1) - MEBOX - BALIR, MOCAs 5000T/6000T, MEAs 6000'/7000'. **E LO-4.**

Z143, RAMOK (N4701.3 E00741.1) - BERSU, MOCA 5200T, MEA 6000'. **E LO-4.**

Z144, AMRID (N4656.1 E00719.6) - ESEVA, MOCA 4600T. **E LO-4.**

Z162, ROLSA (N4717.4 E00853.4) - Zurich East VORDME (ZUE), MOCA 5400T. **LSZH 10-1, E LO-4.**

Z163, Zurich East VORDME (ZUE) - BODAN, MOCA 4300T (N47 E008). **LSZH 10-1, E LO-4.**

Z170, ARGAX (N4703.0 E00917.9) - KUDIS, MOCA 10000T, MEA 11000'. **LSZH 10-1, E LO-4.**

Z408, TIRUL (N4703.4 E01031.7) - RONAG, MOCA 13000T. **E LO-4.**

Z424, DEGAD (N4626.2 E00837.1) - BASGO, MOCA 12300T, MEA 18000'. **E LO-4.**

Z600, Willisau VORDME (WIL) - LEPLA - LUMEL, MOCAs 5800T/5700T. **LSZH 10-1, E LO-4.**

Z601, ROTOS (N4711.4 E00743.5) to GIPOL, MOCA 5000T; GIPOL - Trasadingen DME (TRA) - Zurich East VORDME (ZUE) - BODAN, MOCAs 4600T/4800T/4300T. **LSZH 10-1, E LO-4.**

Z651, KELIP (N4657.4 E00845.7) - MOSIT, MEA 14000'; CANNE - DETRI - KELIP - MOSIT - MANEG - KESEX - Zurich East VORDME (ZUE), MOCAs 12600T/13100T/9900T/7900T/4800T/4800T. **LSZH 10-1, E LO-4.**

Z652, KESEX (N4714.1 E00843.0) - Trasadingen DME (TRA), MOCA 5600T. **LSZH 10-1, E LO-4.**

Z653, KESEX (N4714.1 E00843.0) - ROLSA, MOCA 5800T, MEA 9000'. **LSZH 10-1, E LO-4.**

Z669, Trasadingen DME (TRA) - ROTOS, MOCA 5600T, MEA 14000'; ROTOS - BADEP - ULMES - ESEVA - VADAR - MILPA, MOCAs 4500T/4300T/3800T/4600T/7000T, MEA 10000'. **LSZH 10-1, E LO-4.**

Z671, DITON (N4718.1 E00820.0) - ROLSA, MOCA 5400T, MEA 9000'. **LSZH 10-1, E LO-4.**

**TURKIYE**
**ATS ROUTES changed:**

B36, DONDU (N3735.2 E03703.5) to Gemerek VORDME (GEM), MEA FL230. **ME HL-1.**

W73, Gemerek VORDME (GEM) to Diyarbakir VORDME (DYB), MEA FL150 (N39 E036). **ME HL-1.**

W74, Adana VORDME (ADA) - MILBA, MEA FL150 (N36 E035). **ME HL-1.**

W716, ELGEX (N3710.8 E03806.8) - LUTAM, MEA FL80. **ME HL-1.**

**ATS ROUTES (undesigned) changed:**

ESTBLD; Van VORDME (VAN) CRP - RUPOM CRP at N3750.3 E04357.4 - Yuksekova VORDME (YKV) CRP, 137°/317', 48/22NM; Van VORDME - RUPOM, MEA FL220 only; RUPOM - Yuksekova VORDME, MEA FL180, ufn. **ME HL-1.**

**U.K.**
**ATS ROUTES changed:**

N6, TIGGY (N5037.0 W00051.5) - TELTU, CDR status withdrawn. **EGLL 10-1.**

N18, KAWGE (N5202.5 W00532.7) renamed GUBJE. **E LO-2.**

N24, KAWGE (N5202.5 W00532.7) renamed GUBJE. **E LO-2.**

N83, KAWGE (N5202.5 W00532.7) renamed GUBJE. **E LO-2.**

**UNITED ARAB EMIRATES**
**ATS ROUTES changed:**

L552, NABUN (N2403.0 E05450.4) to RUKOR, redesignated Y552. **ME HL-7A, ME HL-7B.**

L562, ALRAR (N2541.0 E05501.8) to SERSA, redesignated Q572. **ME HL-7A, ME HL-7B.**

L565, BOSEV (N2450.2 E05404.8) - UKUVO, redesignated Q565. **ME HL-7A, ME HL-7B.**

L568, KIPOK (N2436.2 E05607.3) to IMPED, redesignated Q568. **ME HL-7A.**

M302, REVAV (N2509.2 E05410.2) - GERUL, redesignated Q312. **ME HL-7A, ME HL-7B.**

M322, ITBUL (N2549.2 E05412.5) to LOVEM, redesignated Q322. **ME HL-7A, ME HL-7B.**

M552, KAPUM (N2458.3 E05334.8) - ALNEV, redesignated Z522. **ME HL-7A, ME HL-7B.**

M558, KUGTO (N2432.5 E05422.4) to UKNAV, redesignated Y558. **ME HL-7A, ME HL-7B.**

M560, ORNEL (N2403.2 E05519.7) - ELUDA, redesignated T560. **ME HL-7A.**

M569, VUTEB (N2536.8 E05451.8) to OBREV, redesignated Q569. **ME HL-7A, ME HL-7B.**

N313, MITIX (N2517.8 E05507.5) - PAVAG, redesignated Q323. **ME HL-7A, ME HL-7B.**

N566, EGTAQ (N2508.9 E05456.9) to RORON, redesignated Q576. **ME HL-7A, ME HL-7B.**

P308, ASPED (N2400.6 E05531.9) to ORKOB, redesignated Q308. **ME HL-7A.**

P311, IVOXI (N2512.7 E05525.2) to NABUN, redesignated Q311. **ME HL-7A, ME HL-7B.**

P317, RURAL (N2430.8 E05431.9) to LORID, redesignated Q317. **ME HL-7A, ME HL-7B.**

P321, TOVIV (N2533.0 E05519.7) to NOLSU, redesignated Q321. **ME HL-7A, ME HL-7B.**

P553, DAXIB (N2454.8 E05409.0) to IMGUX, redesignated Q563. **ME HL-7A, ME HL-7B.**



**EUROPE - MEDITERRANEAN**

P574, TOVIV (N2533.0 E05519.7) - KUMUN, closed  
ufn. **ME HL-7A, ME HL-7B.**

**TERMINAL CHARTS**

**GENERAL**

**ALGERIA**

Alt Set to read hPa instead of MB.

**FINLAND**

STARs and SIDs are also minimum noise routings.

**GERMANY**

Jeppesen charted take-off minimums are determined according to the available RWY lights. In Germany, Low Visibility Procedures (LVP) are only available for the following airports: EDDB, EDDC, EDDE, EDDF, EDDG, EDDH, EDDK, EDDL, EDDM, EDDN, EDDP, EDDR, EDDS, EDDV, EDDW, EDFH, EDHI, EDHL, EDJA, EDLN, EDLP, EDLV, EDLW, EDMA, EDNY, EDQM, EDSB, EDTL, EDTY, EDVE, EDVK. All other German airports are not approved for Low Visibility Take-off Operations (LVTO) with an RVR below 400m because of missing LVP.

Location/airport name changed from Buchel to Buechel, Buckeburg to Bueckeberg, Norvenich to Noervenich.

Use of SID RNAV OVERLAY: Pilots of GPS/FMS-RNAV-equipped aircraft should, if possible, use the defined supplementary GPS/FMS/RNAV procedures which are published as "OVERLAY" to a conventional procedure. Please refer also to ATC Germany pages for additional information.

**LIBYA**

Country name changed from SPLAJ to LIBYA.

**SYRIA**

WARNING: The Syrian source information used for Jeppesen's products and/or services (including but not limited to NavData and Charting) may be outdated and/or incomplete. Until further notice air carriers/pilots operating in Syria are strongly advised not to rely on Jeppesen's products and/or services for Syria.

**U.K.**

(STARs) Do not commence descent without ATC clearance. STAR level restrictions are for descent planning purposes only. Based on SUP 045-22.

**TERMINAL**

**Aalborg**, Denmark, (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS, Ballflag 3 (LED lights) from RWY 08L/26R PAPI withdrawn.

(13-3) HI-VORTAC RWY 26R, (14-2) HI-TACAN RWY 08L, VORTAC SKR changed to TACAN SKR.

**Aberdeen**, U.K., (Dyce), (11-2) ILS DME OR LOC DME RWY 34, (16-1) NDB DME RWY 34. Alternative baseturn procedure not available for use. All other aspects of these IAPs remain available for use. Based on SUP 048-20.

121.250 MHz available by prior arrangement with ATC for non-8.33 kHz capable acft. Frequency is not continuously monitored when not in use.

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

**Agen**, France, (La Garenne), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.

**Aix**, France, (Les Milles), RWY 14/32 length is 5262/1604m. Stopway RWY 14 avbl, length 338/103m. RL RWY 14/32 avbl, spacing 60m. PAPI-L RWY 14/32 avbl, 3.0°.

**Albacete**, Spain, (Albacete AB), Air-taxiing on TWY RF1 not allowed (based on SUP 177-21, with eff date 29 Dec based on SUP 184-22).

Works on civil apron (based on SUP 15-21, from 07-Oct-21 based on SUP 185-21). Please refer to temp chart 10-8 and latest NOTAMS.

**Alderney**, U.K., (16-1) NDB Rwy 08, (16-2) NDB Rwy 26 - procedures unavailable, NDB Locator ALD unavailable.

Runway 13/31 APAPI U/S.

**Aleppo**, Syria, (Aleppo Intl), (13-1) IAP VOR DME Rwy 09 missed apch turn to ALE VOR is LEFT.

(13-2) IAP VOR DME Rwy 27 missed apch under clarification, contact ATC.

(16-1) IAP NDB Rwy 27 ALE NDB position under clarification.

**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).

**Alexandroupolis**, Greece, (Dimokritos), (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS, Rwy 07 REIL withdrawn. Rwy 07/25 HIRL spacing 55m added.

(13-1) VOR DME RWY 07, (16-1) LCTR RWY 07, REIL withdrawn.

**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 012-23.

**Alicante**, Spain, (Alicante-Elche Miguel Hernandez), VOR ALT possible signal oscillations greater than +/- 2 degree between 0 and 10 NM for (13-4) VOR Y Rwy 28 (based on SUP 030-24).

**Almiros**, Greece, (Nea Anchialos), (11-1) ILS Rwy 26 and (13-1) VOR Rwy 26, AGH VOR DME showed in old location on charts (awaiting new state IACs for update). For procedures availability contact ATC.

**Amendola**, Italy, (Amendola Mil), Airport, Airport Info, Take-off mnms (10-9) Apron D and E closed (based on MIL SUP 041-23). TWY R closed (based on MIL SUP 042-23). ABN out of service (based on MIL SUP 043-23).

**EUROPE - MEDITERRANEAN**

Airport, Airport Info, Take-off mnms (10-9), Apron I closed.

Airport, Airport Info, Take-off mnms (10-9), PAPI-L Rwy 11L unserviceable.

Airport, Airport Info, Take-off mnms (10-9), Twys P and Q closed.

SRA Rwy 11L, 29R (18-1) suspended.

**Amman**, Jordan, (Marka Intl), Based on AIP SUP 05/23, take-off minimum is R400m.

Following STARs are suspended:

(10-2) KULDI 4A, (10-2A) KULDI 5A.

Following RNAV STARs are suspended:

(10-2E) KULDI 1K, (10-2G) KULDI 1L.

Following SID is suspended:

(10-3) KINUR 5D.

(Based on SUP 02/24).

**Amman**, Jordan, (Queen Alia Intl), (26-1) NDB Rwy 08R suspended. All ACFTs are expected to operate either VISUAL APP or RNP APP for Rwy 08R.

Based on AIP SUP 05/23, take-off minimum for Low Visibility Take-off for Rwys 08L/26R & Rwy 26L is R150m. Take-off minimum for Rwy 08R is R400m.

Following RNAV STARs are suspended: (20-2) KULDI 1C, (20-2A) KULDI 1G, (20-2E) KIPAS 6L, (20-2H) KIPAS 6A.

Following STARs are suspended: (20-2K) KULDI 2A, (20-2L) KULDI 3A.

Following RNAV SIDs are suspended: (20-3) GENEX 6T, (20-3A) KIPAS 6D & 6T.

Following SIDs are suspended: (20-3P) GENEX 6E, (20-3Q) KINUR 3D & KULDI 3D, (20-3S) KIPAS 6E & 6W, (20-3U) LOSAR 3D, (20-3X) LUDAN 3D, (20-3X3) MUVIN 3D, (20-3X5) QTR 3D, (20-3X6) RALNA 3D.

(Based on SUP 02/24).

For departures OJAI Rwy 26R/08L exiting AMMAN FIR via TULEP: Climb on Rwy hdg to 6000, EXPECT RADAR vectors. In case of communication failure MAINTAIN Rwy hdg until passing 6000, turn LEFT (26R)/ RIGHT (08L) to EGLOT (R652) - KULDI (N318) - TULEP via FPL route, climb to FPL FL. (Based on SUP 02/24)

**Amsterdam**, Netherlands, (Schiphol), (10-3Q2, 10-3T3, 10-3V6, 10-3V8) Rwy 18C SIDs EDUPO 3X, ELPAT 3X, LARAS 2X, ROVEN 3X and TORGA 2X: minimum climb gradient of 3.9% required up to 500'. (10-3M) Rwy 22 SID BERGI 2G amended: No turns allowed until 500'. Based on SUP 017-24.

(11-1A) CAT II/III ILS Rwy 06, CAT II ILS mnms changed as follows: CAT C DA(H) 93'(104'), CAT DDL RA 122' DA(H) 108'(119').

(11-4) ILS or LOC Rwy 22, (11-8) ILS or LOC Rwy 22 (Copter), (12-6) RNP Rwy 22 - Missed approach: no turn allowed before 1.2 NM prior Thr Rwy 22 due to cranes left of the final approach. Based on AIPSUP 004-24.

(11-6) ILS OR LOC Rwy 36C - Daily 0600-1500 - LOC minimums should read: DA/MDA(H) 390'(401'), RVR with ALS R1200m, TDZ or CL out R1200m, ALS out CAT CD R1900m.

(11-6) ILS or LOC Rwy 36C - LOC (GS out) minimums should read: DA/MDA(H) 430'(442') with ALS R1400m, TDZ or CL out R1400m, ALS out for CAT A, B R1500m, for CAT C, D/DL R2100m.

(11-6) ILS OR LOC Rwy 36C, (11-6) ILS OR LOC Rwy 36C Jeppesen Commercial Airline chart (CAO) - Monday to Friday 0400-1600 - LOC minimums should read: DA/MDA(H) 400'(411'), RVR with ALS R1200m, TDZ or CL out R1200m, ALS out CAT CD R1900m. Based on NOTAM A1277/24.

(11-6) ILS or LOC Rwy 36C, LOC minimums changed as follows: DA/MDA(H) 430'(442'), with ALS and with ALS (TDZ or CL out) RVR 1400m, ALS out CAT AB RVR 1500m, CAT CD RVR 2100m.

(12-9) RNP Rwy 36C, LNAV minimums changed as follows: DA/MDA(H) 440'(452'), with ALS and with ALS (TDZ or CL out) RVR 1400m, ALS out CAT AB RVR 1500m, CAT CD RVR 2100m. Based on NOTAM A0771/24.

(11-7A) CAT II/III ILS Rwy 36R, (11-7) - ILS OR LOC Rwy 36R Jeppesen Commercial Airline chart (CAO) - MON-FRI 0400-1800 - Minimums should read for CAT II ILS: for CAT A RA 121', DA(H) 108'(119'), forCAT B RA 139', DA(H) 125'(136'), RVR 400m, for CAT C RA 153', DA(H) 137'(148'), RVR 450m, for CAT D/DL RA 164', DA(H) 151'(162'), RVR 450m.

(12-1) RNP Rwy 04 - LNAV DA/MDA(H) should read 440'(453').

(12-2) RNP Rwy 06 - LNAV/VNAV minimums should read: CAT A DA(H) 319'(330'), with ALS R800m, TDZ or CL out R800m, ALS out R1500m; CAT B DA(H) 329'(340'), with ALS R800m, TDZ or CL out R800m, ALS out R1500m; CAT C DA(H) 337'(348'), with ALS R900m, TDZ or CL out R900m, ALS out R1600m; CAT D/DL DA(H) 348'(359'), with ALS R900m, TDZ or CL out R900m, ALS out R1600m.

(12-2) RNP Rwy 06, LNAV/VNAV minimums changed as follows: CAT A DA(H) 319'(330'), with ALS and with ALS (TDZ or CL out) RVR 800m, ALS out RVR 1500m. CAT B DA(H) 329'(340'), with ALS and with ALS (TDZ or CL out) RVR 800m, ALS out RVR 1500m. CAT C DA(H) 337'(348'), with ALS and with ALS (TDZ or CL out) RVR 900m, ALS out RVR 1600m. CAT D DA(H) 348'(359'), with ALS and with ALS (TDZ or CL out) RVR 900m, ALS out RVR 1600m. Based on NOTAM A0772/24.

(12-7) RNP Rwy 24 - MON-FRI 0400-1800 - Minimums should read for LPV: for CAT A DA(H) 242'(254'), for CAT B DA(H) 254'(266'), for CAT C DA(H) 263'(275'), for CAT D/DL DA(H) 273'(285').

(12-9) RNP Rwy 36C - LNAV minimums should read: DA/MDA(H) 440'(452') with ALS R1400m, TDZ or CL out R1400m, ALS out for CAT A, B R1500m, for CAT C, D/DL R2100m.

(12-10) RNP Rwy 36R - Minimums for LPV changed as follows: For CAT A DA(H) 243'(254'), RVR with ALS R600m, TDZ or CL out (1)R600m, ALS out R1300m, for CAT B DA(H) 253'(264'), RVR with ALS R600m, TDZ or CL out (1)R600m, for CAT C DA(H) 263'(274'), for CAT D/DL DA(H) 273'(284'), RVR with ALS R650m, TDZ or CL out (1)650m, ALS out R1400m. (1) Show ballnote: R750m when a Flight Director or Autopilot or HUDLS to DA is not used.

## EUROPE - MEDITERRANEAN

All SIDs and omnidirectional departures Rwy 36L only turn at or above 500' AMSL due to crane (based on SUP 002-24).

All SIDs Rwy 18L: Minimum climb gradient of 5.2% is required up to 500', deviation from SID strictly prohibited up to 500' AMSL. Based on SUP 006-24 and SUP 012-24.

**Andenes**, Norway, (Andoya), Displaced THR, reduced declared distances and suspended procedures (11-1) LOC Rwy 14, (12-1) RNP Rwy 14 and (13-1) VOR Rwy 14 due to military exercise (based on SUP 03/2024). Refer to Temp chart 10-8A for rwy configuration. Refer to Temp 10-9Y1 for Copter minimums. Refer to Temp charts (12-01) RNP Z Rwy 14 and (12-02) RNP X Rwy 14 for usable procedures and latest Notams.

**Angelholm**, Sweden, (11-2A) ILS OTS CAT II RWY 14 - Procedure not available.

**Angouleme**, France, (Brie-Champniers), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LIMOGES Information on 124.050 MHz.

**Antalya**, Turkiye, (Antalya Intl), (11-8) ILS Z or LOC Z Rwy 36R, (11-9) ILS X or LOC X Rwy 36R, (11-10) ILS V or LOC V Rwy 36R & (11-11) ILS S or LOC S Rwy 36R minimums read as follows: ILS DA(H) 409' (250'), with full lights R550m, TDZ or CL out R550 (R750m when a Flight Director or Autopilot or HUD to DA is not used), ALS out R1300m.

(11-8A) CAT II ILS Y Rwy 36R, (11-9A) CAT II ILS W Rwy 36R, (11-10AA) CAT II ILS T Rwy 36R & (11-11AA) CAT II ILS R Rwy 36R minimums read as follows: CAT II ILS RA 182', DA(H) 334' (175'), R450m.

**Aqaba**, Jordan, (King Hussein Intl), Based on AIP SUP 1/24 the following procedures are enforced within Aqaba Control Area (CTA) as follows:

- (10-2) LONOL 1H, LOXUS 1H, METSA 1H & TAMIM 1H arrivals TFC will maintain A8000' until LOXAL,

- Aqaba Approach Sector radio-telephony changed to Aqaba Sector,

- Radar control service provided at FL150 or above within Aqaba Sector,

- Non-radar control service provided below FL150,

- AqabaSector operates on freq 132.425 MHz,

- Aqaba Control TWR operates on freq 119.2 MHz and standby freq 118.1 MHz.

Based on AIP SUP 2/23, NDB AQC is unserviceable, (11-2) procedure ILS RWY 19 suspended, all ACFT expect to operate either visual approach or RNAV.

Based on AIP SUP 05/23, take-off minimum is R400m.

**Araxos**, Greece, (10-9) ALS installed for Rwy 18R. Length and intensity unknown.

(10-9) Rwy 36L app lights changed from ALS to HIALS (length 900m).

**Are Ostersund**, Sweden, (10-2, 10-2B) RNAV (GNSS) STARs RWY 30 not available (based on SUP 090-22).

**Arnhem**, Netherlands, (Deelen AB), (10-9) - AIRPORT, AIRPORT INFO, TAKE-OFF MNMS - Rwy 19 ALS length - 420m.

**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.  
**Athens**, Greece, (Eleftherios Venizelos Intl), (Series) ATHENS Arrival (R) divided to West 132.975 and East 126.575.

**Auch**, France, (Gers), Undesignated unpaved TWY East of RWY 18L/36R available.

For IAPs RNP RWY 18/36 (charts 12-1 and 12-2) Baro-VNAV restriction established: For uncompensated Baro-VNAV systems minimum temperature -20°C, local QNH only.

**Avord**, France, (Avord AB), (10-3, 10-3A) SIDs CTX, MOTAL, NEV & OSKIN 2E unusable.

Based on NOTAM M1891/24 minimums for following procedure read as follows:

ILS Z Rwy 24 (chart 11-1):

CAT A unchanged.

CAT B DA(H) 837'(260'), RVR 800m, ALS out RVR 1300m.

CAT C DA(H) 847'(270'), RVR 800m, ALS out RVR 1300m.

CAT D DA(H) 857'(280'), RVR 800m, ALS out RVR 1300m.

Circle-to-land unchanged.

TACAN Rwy 06 (chart 14-1):

Straight-in: DA/MDA(H) 920'(374'), RVR CAT AB 1500m, CAT CD 1700m.

Circle-to-land MDA(H) CAT A unchanged, CAT B 1090'(544'), CAT C 1250'(704'), CAT D 1340'(794'), VIS unchanged.

TACAN Rwy 24 (chart 14-2A):

Straight-in: DA/MDA(H) 950'(372'), RVR 1000m, ALS out RVR CAT AB 1500m, CAT CD 1700m.

Circle-to-land MDA(H) CAT A unchanged, CAT B 1090'(512'), CAT C 1250'(672'), CAT D 1340'(762'), VIS unchanged.

Based on NTM M1894/24:

Minimums for LOC Z Rwy 24 (chart 11-1) raised as follows:

DA/MDA(H) 940'(363'), RVR 900m, CAT AB ALS out RVR 1500m and CAT CD ALS out RVR 1600m.

Minimums for RNP Rwy 24 (chart 12-2) raised as follows:

DA/MDA(H) 940'(363'), RVR 1000m, CAT AB ALS out RVR 1500m and CAT CD ALS out RVR 1700m.

**Azraq**, Jordan, (Muwaffaq Salti AB), (30-9) Runway 13-31 lengths changed to 9842 feet.

**Badajoz**, Spain, (Talavera La Real AB), Right wing bar of VASI RWY 31 out of service (based on SUP 025-24).

**EUROPE - MEDITERRANEAN**

Variation changed from 2° W to 1° W. RWY bearings decreased by 1°. All bearings decreased by 1° except for (11-3) HI-ILS Z or HI-LOC Z RWY 31, (14-3) HI-TACAN RWY 31: Missed approach and holding bearings at NIMAS and (IAF B) D35.0; (14-2) TACAN RWY 31: Missed approach and holding bearings at NIMAS.

Approach frequency changed from 120.55 to 120.555, TWR frequency changed from 122.1 to 122.105 and Ground frequency changed from 130.150 to 130.155.

**Barcelona**, Spain, (EI Prat), (10-3X3 through 10-3X6) Temporary procedures based on SUP 076-24 AIRAC.

Code F ACFT must taxi at minimum thrust and with external engines idling on TWYs Q9 thru Q11 (based on SUP 114-24).

For Restrictions during America's Cup (based on SUP 94-24) please refer to TEMP pages 10-8F thru 10-8J and latest NOTAMS.

For restrictions during the renovation of weather observation systems (based on SUP 145-22, eff 21 MAR 24 based on SUP 21-24) refer to temporary chart 10-8B and latest Notams.

**Bardufoss**, Norway, Construction works (based on SUP 14/24). Refer to temp chart 10-8 and latest NOTAMS.

**Basle-Mulhouse**, France, ACFT non 8.33 KHz equipped. On departure ACFT shall contact ATS on BASLE Tower on 118.3 MHz. On arrival, unless otherwise instructed, ACFT shall contact BASLE approach on 130.9 MHz.

Helicopter landing area on stands G30 and G31 established.

**Bastia**, France, (Poretta), Works on apron A in progress (based on SUP 101-24). Refer to temp chart 10-8 and latest NOTAMS.

**Batsfjord**, Norway, LPV minimums on (12-1) RNP Rwy 03, (12-2) RNP Rwy 21 and (12-2A) RNP Rwy 21 Minimums are suspended.

**Beja**, Portugal, (Beja AB), ALS RWY 19R is unserviceable (based on MIL SUP 23-23).

REIL Rwy 01L/19R u/s (based on SUP 044-20 and MIL SUP 026-20).

RWY 19R threshold lights are unserviceable (based on MIL SUP 22-23).

**Belgrade**, Serbia-Montenegro, (Nikola Tesla), Based on AIP SUP 2/24, extensive construction works, RWY 12L/30R closed. All related instrument flight procedures not for use. Twy B, C and E closed. ILS and ILS DME part for Rwy 12L/30R unserviceable. PAPI Rwy 12L/30R not available. Approach lights CAT I Rwy 30R not available. Approach lights CAT II/III Rwy 12L not available. Refer to latest NOTAMS.

Based on AIRAC AIP SUP 009/24 a trial procedures RNP Rwy 12L and RNP Rwy 30R are available and shall be used for flight validation purposes only. Refer to 12-3-0 and 12-4-0 charts and latest NOTAMS.

**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).

**Bergamo**, Italy, (Orio Al Serio), (10-9B) PARKING STANDS NORTH APRON, portions between stands 804 and 821 to be used in standard

entry/exit routes in self-maneuvring, in non-standard taxi routes and parking positions with compulsory follow-me and marshalling.

**Bergen**, Norway, (Flesland), Chart 11-3 COPTER ILS Y OR LOC Y RWY 17: Minimum RVR for ILS with approach lights should read R550m.

Chart 11-4 COPTER ILS Y OR LOC Y RWY 35: Minimum RVR for LOC GS out with approach lights should read R800m.

**Berlevag**, Norway, LPV minimums on (12-1) RNP Rwy 06, (12-2) RNP Rwy 24 and (12-2A) RNP Rwy 24 Minimums are suspended.

**Beziers**, France, (Vias), PAPI now available with PCL.

For unpaired apron G following restrictions apply:  
- Entrance A: Engine must be shut down on apron A and hand-push on parking stand.

- Entrance B: Engine must be shut down on service road (extension of TWY B) and hand-push on parking stand.

**Biarritz**, France, (Pays Basque), Modification of Apron K markings (based on SUP 049-24). Please refer to temporary chart 10-8A and latest NOTAMS.

**Bilbao**, Spain, Work in progress due to Remodelling of Apron Markings (based on SUP 182-23). Please refer to TEMP charts 10-8 thru 10-8C and latest NOTAMS.

**Billund**, Denmark, (11-1) ILS Z or LOC Z Rwy 09, (11-1A) CAT II/III ILS Z Rwy 09, (11-2) ILS Y or LOC Y Rwy 09, (11-2A) CAT II/III ILS Y Rwy 09: PBN note changed and reads: RNAV 1 required for EPARA, ADABO and GIVNA transitions until OSLAS and for missed approach.

(11-3) ILS Z or LOC Z Rwy 27, (11-3A) CAT II/III ILS Z Rwy 27, (11-4) ILS Y or LOC Y Rwy 27, (11-4A) CAT II/III ILS Y Rwy 27: PBN note changed and reads: RNAV 1 required for ODNEV, BEVRA and UVINA transitions until ELRIT and for missed approach (based on AIRAC AMDT 007-24).

**Blackpool**, U.K., (11-1) ILS DME or LOC DME Rwy 28, (16-4) NDB DME Rwy 28 - direct arrival from POL VOR not available.

**Bodo**, Norway, Construction works on Runway (based on SUP 06/24). Refer to temp chart 10-8B and latest NOTAMS.

**Bordeaux**, France, (Merignac), Work on twys U1 and U2 (based on SUP 47-24). Please refer to charts 10-8 thru 10-8C and latest NOTAMS.

**Bornholm**, Denmark, (Ronne), (11-1-0) ILS Y RWY 11 (TEMP), (11-2-0) ILS Y RWY 29 (TEMP), (11-3-0) ILS X RWY 11 (TEMP), (11-4-0) ILS X RWY 29 (TEMP), (12-1-0) RNP Y RWY 11 (TEMP), (12-2-0) RNP Y RWY 29 (TEMP), (12-3-0) RNP X RWY 11 (TEMP), (12-4-0) RNP X RWY 29 (TEMP), (13-1-0) VOR Y RWY 11 (TEMP): source update - should read SUP 006/24 instead of SUP 028/23 (based on SUP 006-24 AIRAC).

**Bourges**, France, IAP NDB Rwy 06 (16-1): Radial definition for (IAF) BRG NDB reads: 067° from CHX VOR, 108.65 MHz.

**Brac**, Croatia, (Brac Island), LVP not available. The lowest permissible take-off minimum is 400m.

## EUROPE - MEDITERRANEAN

- Brindisi**, Italy, (Casale Mil), (19-10) Visual Maneuvering Restrictions: Do not use visual maneuvering to rwy 05/23 due to temp rwy closure.
- Brive**, France, (Souillac), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LIMOGES Information on 124.050 MHz.
- Buchel**, Germany, (Buchel AB), RWY 03/21 closed. 24 HR PPR.
- Bursa**, Turkiye, (Yenisehir), (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS, Sequenced Flashing Lights System (SFL) for RWY 25R withdrawn.
- 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 SUP 032-24). Unauthorized laser beams have been observed in AD vicinity. Pilots should report to ATC immediately and avoid any eye contact (per SUP 031-24).
- Cameri**, Italy, (Cameri Mil), (10-9) Airport, Airport info, Take-off MNMS, all landing area lighting facilities avbl with 30 minutes PNR.
- (10-9) Airport, Airport info, Take-off MNMS, Apron Q closed.
- (10-9) Airport, Airport info, Take-off MNMS, Twr service is limited due to lack of visibility on twys A, C, D, E, F, R, S, T and U.
- (10-9) Airport, Airport info, Take-off MNMS, Twy D avbl for helicopter and conventional ACFT only, Jet ACFT transit allowed on tow with engine off only.
- (10-9) Airport, Airport info, Take-off MNMS, Twy S avbl for helicopter and conventional ACFT only, Jet ACFT transit allowed on tow with engine off only.
- (10-9) Airport, Airport info, Take-off MNMS, Twys I and P closed.
- (11-1) ILS Z or LOC Z Rwy 35, (11-2) ILS Y or LOC Y Rwy 35, (14-1) TACAN Rwy 35, (14-2) HI-TACAN Rwy 35, Ground frequencies 139.1 and 338.325 not avbl.
- Cannes**, France, (Mandelieu), (10-1R) Several altitudes and sectors revised.
- (10-2 thru 10-2F) Speed restriction in chart heading should read: MAX 250 KT BELOW FL100 OR AS BY ATC.
- Carcassonne**, France, (Salvaza), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.
- TWY A redesignated Z. TWY B redesignated A. TWY B1 redesignated B.
- 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.
- Castellon**, Spain, Parking stands 01, 1SM, 02 and 02A as well as TWY part for access to mentioned stands are closed (based on SUP 022-24).
- Castres-Mazamet**, France, ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.
- Catania**, Italy, (Sigonella Mil), (20-9) Airport info, Bliss Bak12 Rwy 10R/28L unserviceable.
- (20-9) Airport info, Taxi with caution on Ramp 4.
- (20-9) Airport info: Apron RAMP 5 closed. Twy J closed. Twy A closed at intersection with Rwy 10L/28R, useable for back track only, follow strictly follow-me car.
- (20-9) Airport info: Rwy 10L/28R closed, available for taxiing only from intersection twy H to twy D. Follow-me mandatory between SS and SR for taxiing from/to RAMP1, RAMP2 and RAMP3.
- (20-9) Airport, Airport info, Take-off MNMS, HIALS Rwy 10R unserviceable.
- (20-9) Airport: Twy C closed.
- Cervia**, Italy, (Cervia Mil), Airport. Airport Info, Take-off mnms (10-9): Touch down zone lights RWY 11 unserviceable (based on MIL SUP 035-23). Cargo apron closed (Based on MIL SUP 038-23).
- Charleroi**, Belgium, (Brussels South), (12-2) RNP Rwy 24, LNAV/VNAV minimums changed as follows: CAT A DA(H) 895' (319'), with ALS R750m, square note 1 should read: with TDZ & CL & HUD R700m, ALS out R1400m; CAT B DA(H) 905' (329'), with ALS R800m, ALS out R1500m; CAT C DA(H) 915' (339'), with ALS R800m, ALS out R1500m; CAT D DA(H) 925' (349'), with ALS R900m, ALS out R1600m. LNAV DA/MDA(H) changed as follows: all CAT 1010' (434').
- (13-2) VOR Rwy 24: VOR with D2.9 minimums changed as follows: DA/MDA(H) all CAT 1010' (434'), with ALS R1300m, ALS out CAT CD R2000m.
- Colmar**, France, (Houssen), Departing ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact ATS on COLMAR Tower on 119.000 MHz. Arriving ACFT, unless otherwise instructed by ATS, not having compatible radiocommunication equipment in 8.33 kHz spacing contact ATS on COLMAR Tower on 119.000 MHz.
- Cologne-Bonn**, Germany, Construction works on Twy B (based on SUP 23/24). Refer to temp chart 10-8 and latest NOTAMs.
- Copenhagen**, Denmark, (Kastrup), (12-1) RNP Rwy 04L, LNAV minimums changed as follows: DA/MDA(H) 440'(427'), with ALS and with ALS (TDZ or CL out) RVR 1300m, ALS out CAT AB RVR 1500m, CAT CD RVR 2000m. Based on NOTAM A0554/24.
- (12-1 thru 12-6) All RNP procedures suspended. A380 operations not allowed at APT (based on SUP 032-23).

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New cargo stands G117 (N55 37.3 E012 40.2), G118 (N55 37.3 E012 40.2) and G119 (N55 37.3 E012 40.2) with A-VDGS, will be operational from the 3rd of June 2024. Based on AIRAC SUP 011-24.

**Copenhagen**, Denmark, (Roskilde), (21-1) ILS Rwy 11 (CAT C & D), (21-2) ILS Rwy 11 (CAT A & B) and (21-3) ILS Rwy 21. Due to risk of poor signal strength possible flag warning below nominal GP track can occur (based on SUP 018-24).

**Culdrose**, U.K., (Culdrose Navy), (18-5) PAR OR SRA RWY 29: PAR RWY 29 unserviceable. Based on SUP 006-22.

**Damascus**, Syria, (Damascus Intl), (11-4/11-4A, 16-1) NDB ILS 1 Rwy 23R and NDB Rwy 05R timing for reversal procedures not available.

Holdings for approach procedures under clarification, confirm with ATC.

**Dijon**, France, (Longvic), Based on NOTAM C1369/24 straight-in minimums for VOR Z Rwy 35 (chart 13-2) read as follows:

DA/MDA(H) 1130'(420'), RVR 1200m, ALS out RVR CAT AB 1500m CAT CD 1900m.

**Dole**, France, (Tavaux), TWY J restricted to ACFT with code letters A and B.

Stands 1A and 2B renamed 1 and 2 respectively.

**Doncaster Sheffield**, U.K., (All Airport Charts and Approach Procedures): Doncaster Sheffield Aerodrome has been closed. Controlled Airspace reverts to class G. No service available. Instrument flight procedures not available. Aerodrome facilities not available. Based on AIP SUP 017-24.

**Dublin**, Ireland, (Dublin Intl), (11-3) ILS OR LOC RWY 16: TCH should read 50'. Based on NOTAM A0841-24.

Apron and drainage channel refurbishment in progress (based on AIRAC SUP 009-23). Refer to 10-8S chart and latest NOTAMs.

Construction of Apron 5H (based on AIRAC SUP 024-22). Refer to temp charts 10-8K, 10-8L and latest NOTAMs.

Construction of critical TWY North phase 1. Refer to temporary chart 10-8A and latest NOTAMs. (Based on AIRAC SUP 007-23).

Construction of reconfigured TWYs F-INNER, C, DN & DS. Refer to 10-8E chart and to latest notams. (Based on SUP 004-23).

Construction of temporary taxiway F-INNER to twy's C, DN and DS (based on SUP 001-22). Refer to temp chart 10-8C and latest NOTAMs

Construction works on South Apron and new Twy T (based on AIRAC SUP 027-22). Refer to temporary charts 10-8M, 10-8N, 10-8P and 10-8R and latest NOTAM.

MM Rwy 10R, OM Rwy 10R, MM Rwy 28L and OM Rwy 28L are out of service (Based on AIRAC SUP 020-19).

RWY 16/34 LVP Taxiing lighting installation works Phase 2 (based on AIRAC SUP 021-22). Refer to temp charts 10-8H, 10-8J and latest NOTAMs.

**Duesseldorf**, Germany, Construction works on TWY P4 (based on SUP 04-24). Refer to temp chart 10-8A and latest Notams.

**Evora**, Portugal, RWY 07/25 closed (based on SUP 022-24).

**Farnborough**, U.K., (11-1) ILS DME Rwy 06, ILS MACG 5.0 percent minimums changed as follows:

CAT A DA(H) 491'(266'), with ALS RVR 600m (square note 1 applies), ALS out RVR 1300m, CAT B DA(H) 505'(280'), with ALS RVR 600m (square note 1 applies), ALS out RVR 1300m, CAT C DA(H) 518'(293'), with ALS RVR 650m (square note 1 applies), ALS out RVR 1400m, CAT D DA(H) 527'(302'), with ALS RVR 700m (square note 1 applies), ALS out RVR 1400m. Based on NOTAM C3719/24.

(11-3) ILS DME Z Rwy 24 and (11-5) ILS DME Y Rwy 24, minimums changed as follows:

CAT A DA/MDA(H) 539'(320'), with ALS RVR 700m (square note 1 applies), ALS out RVR 1400m,

CAT B DA/MDA(H) 552'(333'), with ALS RVR 800m, ALS out RVR 1500m,

CAT C DA/MDA(H) 565'(346'), with ALS RVR 900m, ALS out RVR 1600m,

CAT D DA/MDA(H) 575'(356'), with ALS RVR 900m, ALS out RVR 1600m. Based on NOTAM C3723/24.

(11-4) LOC DME Z Rwy 24 and (11-6) LOC DME Y Rwy 24, minimums changed as follows:

all CAT DA(H) 650'(431'), with ALS RVR 1300m, ALS out CAT AB RVR 1500m, CAT CD RVR 2000m. Based on NOTAM C3720/24.

**Faro**, Portugal, Stand number 208 not available (based on SUP 64-22, eff 23 MAR 23 based on SUP 27-23).

**Figari/Sud Corse**, France, (RNAV STARs) If unable RNAV, flight needs to be announced as 'non-RNAV' in order to receive RADAR guidance or to be assigned a conventional arrival. In case RNAV capability is lost during procedure, inform ATC and follow or join the corresponding conventional arrival.

**Frankfurt/Main**, Germany, Reconstruction of eastern Twy bridges and partial closure of Twy P (based on SUP 08/24). Refer to temp charts 10-8C, 10-8D and latest NOTAMs.

Reconstruction of TWY R (based on SUP 19/24). Refer to temp chart 10-8B and latest NOTAMs.

Temporary construction works near J-Pier (based on SUP 12/24). Refer to temp chart 10-8A and latest NOTAMs.

TWY L9 closed due to construction works. Please refer to latest NOTAMs.

**Fuerteventura**, Canary Is, Based on SUP 125-23 works for replacement of FV NDB in progress. Following changes apply: PHASE 1 - No operational impact. PHASES 2 and 3 - Following procedures u/s: (11-2) ILS Y or LOC Y Rwy 01, (11-3) ILS X Rwy 01, (11-5) ILS Y or LOC Y Rwy 19, (11-1) NDB Rwy 01 and (16-2) NDB Rwy 19. Please refer also to latest NOTAMs.

**Gallivare**, Sweden, Reduced radio coverage on channel 122.330 in the southwestern part of Gallivare TIZ/RMZ, 3000' and below (based on SUP 125-23).

**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 11-22).

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- (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 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.
- Ghedi**, Italy, (Ghedi Mil), Airport, Airport info, Take-Off mnms (10-9) usable lengths Rwy 13R/31L: rwy length: 10138'/3090m, LDA: 9163'/2793m, displacement: 974'/297m (based on SUP 026/23). TWY A1 and B1 closed due to WIP. Taxi with CTN on maneuvering area (based on SUP 027/23).
- Gibraltar**, Gibraltar, (10-9, 18-1, 18-2, 18-3, 18-4) GBR TACAN currently unavailable and being replaced under Programme MARSHALL - TACAN not useable for navigation (based on AIRAC AMDT 006-23, Eff 15 JUN 23).
- Gioia Del Colle**, Italy, (Gioia Del Colle Mil), (10-9) Airport, Airport info, Take-off mnms: Twys V, W and Z available for daylight operations only.  
Airport, Airport Info, Take-off mnms (10-9) Apron D and E closed (based on MIL SUP 041-23). TWY R closed (based on MIL SUP 042-23). ABN out of service (based on MIL SUP 043-23).
- Girona**, Spain, Works for replacement of ILS DME "IGN" in force (based on SUP 075-24).  
During phase 2 the following IAPs are not usable: ILS Z Rwy 19 (chart 11-1), CAT II/III ILS Z Rwy 19 (chart 11-1A), ILS Y Rwy 19 (chart 11-2), CAT II/III ILS Y Rwy 19 (chart 11-2A).  
During phase 3 the following IAPs are not usable: ILS Z Rwy 19 (chart 11-1), CAT II/III ILS Z Rwy 19 (chart 11-1A), ILS Y Rwy 19 (chart 11-2), CAT II/III ILS Y Rwy 19 (chart 11-2A), LOC Z Rwy 19 (chart 11-3), LOC Y Rwy 19 (chart 11-4).  
Refer also to latest NOTAMs.
- Gloucestershire**, U.K., Radar services not available. Based on SUP 025-24.
- Goteborg**, Sweden, (Landvetter), (10-9Y) STD COPTER MNMS, during the period 02 AUG 24 - 08 AUG 24 current procedures to RWY 03 not available. Mnms for new temporary procedure LOC T Rwy 03 read: DA(H)/MDA(H) 880'(384'), RVR (ALS/ALS out) R1000m. ILS and LOC procedures to RWY 21 not available. Eff 02 Aug 24.  
D-ATIS U/S due work in progress (based on SUP 063-23).
- Goteborg**, Sweden, (Save), No IFR traffic permitted to or from APT. SAR, HOSP and Police exempted (based on SUP 094-23).
- Gran Canaria**, Canary Is, 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.
- Grazzanise**, Italy, (Grazzanise Mil), (10-2/A) Add IATA code: QTC.  
(10-2C, 10-3B/C) GRA NDB decommissioned (refer to SUP 27/23).  
(10-9) Airport info, ALS Rwy 06R and ABN unserviceable.
- (10-9) Arresting gear: Net Safeland 12:3F RWY 06R unserviceable.
- (10-9) Cable Bliss Bak 12 RWY 06R temporary withdrawn.
- (10-9) THR lights RWY 06R/24L unserviceable (based on MIL SUP S63/2023). Runway end lights RWY 06R/24L unserviceable (based on SUP S65/2023).
- GRA Locator out of service.
- Grosseto**, Italy, (Grosseto Mil), TWY A available for light ACFT only and not available for FOD sensitive ACFT. Portion of undesignated TWY between THR RWY 21L and TWY B not available for FOD sensitive ACFT.
- Guernsey**, U.K., (11-1) VOR ILS DME OR VOR LOC DME RWY 09, (11-2) VOR ILS DME OR VOR LOC DME RWY 27 - Rwy 09/27 ILS associated mid point DME IU/Y/IGH 979 MHz is operating with a non associated ident (based on SUP 030-24).
- Halmstad**, Sweden, (10-9) AIRPORT, PARKING, AIRPORT INFO, TAKE-OFF MNMS. Take-off table: minima for first column raised to R400m. Based on SUP 039-23.
- Hannover**, Germany, Construction works (based on SUP 17/24). Refer to temp chart 10-8 and latest NOTAMs.
- Hasvik**, Norway, LPV minimums on (12-1) RNP Rwy 11, (12-1A) RNP Rwy 11 Minimums, (12-2) RNP Rwy 29 and (12-2A) RNP Rwy 29 Minimums are suspended.
- Hawarden**, U.K., ABN removed from service (based on AIRAC AMDT 002-24).
- Helsinki**, Finland, (Vantaa), (12-6) RNP RWY 33 - change SMA value 540' of the segment between HK900 and (SDF) 2.7 NM to RW33 to read 560'. Based on AIP SUP 097-24.
- 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).
- Ibiza**, Spain, The exits from stands 25, 27 and 28 must be towed (based on SUP 79-24).  
TWY EH will be closed (based on SUP 14-24).  
Works in Movement Area (based on SUP 170-23).  
Please refer to TEMP charts 10-8/10-8A and latest NOTAMs.
- Ifrane**, Morocco, (10-2) Crossing at DETAD under clarification, caution is advised.
- Inverness**, U.K., For all IACs: Bearing fluctuations may be observed within 226° - 269° magnetic sector radials from INVERNESS VOR DME (INS).
- Iraklion**, Greece, (Nikos Kazantzakis), Based on AIP AIRAC SUP 05/24, for the period of 01 JUN 2024 - 30 SEP 2024 and from 0405-1925 UTC, maximum ground time allowed for new requested flights is 120 minutes.  
If significant operational disruptions in ad hoc cases result in ground time of more than 120 minutes the coordinator will allocate slots under conditions and the operation will require final approval from the airport operator.

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Ground time over 120 minutes is only permitted between the hours of 1930-0400 UTC, subject to capacity of all applicable airport parameters and allocated slots (for new request of 7 days or less prior to the operation, approval from the airport operator is also needed).

Year-round home-based carriers and General/Bussines Aviation flights are excluded from the above time restrictions.

Air carriers that will not adhere to the above restrictions and procedures and hence cause prejudice to airport operations will be sanctioned according to the relevant Greek and EU regulation.

**Ireland West**, Ireland, (Knock), (10-9) AIRPORT, PARKING, AIRPORT INFO, LVP, TAKE-OFF MNMS: RWY guard lights TWY B unserviceable. Based on SUP 013-24 AIRAC. Refer also to latest NOTAMs.

(10-9) Apron B is not available for Private Parking or Schedule Traffic. Based on SUP 014-24 AIRAC. ATIS frequency 118.525 not available.

Based on SUP 012-24 AIRAC.

**Istanbul**, Turkiye, (Sabiha Gokcen Intl), (20-9) AIRPORT, (20-9B) PARKING STANDS, (20-9D thru 20-9D10) TAXI ROUTES ARR charts, (20-9E thru 20-9E11) TAXI ROUTES DEP charts, Tower and Ground frequency sectors established. Charts will be available with Rev Date 12 JUL 24.

**Jerez**, Spain, Compliance work RWY 02/20 pavement (based on SUP 207-23, Eff 16 May 24 based on SUP 68-24). Please refer to TEMP charts 10-8/10-8A and latest NOTAMs.

**Jonkoping**, Sweden, (12-2) RNP Rwy 19, LPV DA(H) changed as follows: CAT B 1000'(261'), CAT C 1008'(269'), CAT D 1018'(279'). Based on SUP 046-24.

**Jyvaskyla**, Finland, (11-2) ILS Y OR LOC Y RWY 30, (13-1) VOR RWY 12, (13-2) VOR RWY 30 - VOR DME LNE (112.3 MHz) U/S.

**Kalmar**, Sweden, (11-1) ILS or LOC Rwy 16, circling minimums changed as follows: MDA(H) CAT A 510'(492'). (13-1) VOR Rwy 34, VOR minimums changed as follows: DA/MDA(H) 460'(444'), CAT CD RVR 2100m. Circling minimums changed as follows: MDA(H) CAT A 510'(492'). Based on SUP 031-24.

(11-1) ILS or LOC Rwy 16, missed approach procedure changed to: climb straight ahead to 2000'. Based on SUP 065-24.

All STARs and SIDs and (13-1) VOR RWY 34 unavailable, VOR KAL 111.6 MHz unserviceable until further notice (based on SUP 027-24, SUP 065-24).

**Kamishly**, Syria, (13-1) Confirm MDA(H) VOR DME Rwy 03 with ATC.

**Karup**, Denmark, (Midtjyllands Lufthavn), (14-1) HI-TACAN RWY 09R, (14-2) HI-TACAN RWY 27L, VOR SKR changed to TACAN SKR.

**Kayseri**, Turkiye, (10-9A) PARKING STANDS & COORDS, taxi guidelines revised. Chart will be available with Rev Date 12 JUL 24.

**Kerry**, Ireland, (11-1) ILS or LOC Rwy 26. LOC (GS out) DA/MDA(H) changed to 510' (398'). CAT ABC with ALS: RVR 1100m; CAT C ALS out: RVR 1800m.

Circle-to-land minimums changed as follows: North of rwy MDA(H) for CAT AB: 700' (588'), CAT C: 1040' (928'), total area MDA(H) for CAT A: 1100' (988'), CAT B 1200' (1088'), CAT C 1500' (1388'), (12-1) RNP Rwy 08, (12-1A) RNP Rwy 08 MNMS and (12-2) RNP Rwy 26, LPV approaches unavailable. Based on AIRAC SUP 013-23.

**Kirkenes**, Norway, (Hoybuktnoen), LPV minimums on (12-1) RNP Z Rwy 05, (12-2) RNP Z Rwy 23 and (12-2A) RNP Z Rwy 23 Minimums are suspended.

**Kirkwall**, U.K., (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS - Runway guard lights on holding point W5 unserviceable.

(10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS - Rwy 09/27 RVR system unserviceable.

**Kortrijk-Wevelgem**, Belgium, (10-1P) AIRPORT BRIEFING (GEN) - 1.2.1. General Noise Abatement Procedures: noise certification for touch-and-go circuit training required also on Saturdays.

1.2.2. Run-up Tests text updated to read: When performing high power test runs up to 75 percent N1, Apron 3 shall be kept completely free. Take-off power engine test runs and high power test runs above 75 percent N1 are only allowed on the Rwy, after prior approval of the Airport Authority and when traffic permits. Based on AMDT 007-24.

**Kristiansund**, Norway, (Kvernberget), Chart 11-2 ILS Y OR LOC Y RWY 07 (COPTER): Minimum RVR for ILS with approach lights should read R700m.

Chart 11-2 ILS Y OR LOC Y RWY 07 (COPTER): Minimum RVR for LOC GS out (All MACGs) with approach lights should read R800m.

Chart 12-3 COPTER RNP Y RWY 07: Minimum LNAV RVR (All MACGs) with approach lights should read R800m.

**Kuopio**, Finland, The whole aerodrome is temporarily closed to air traffic as follows: 24 JUN 2024, 0400 UTC - 06 AUG 2024, 1700 UTC temporary closure of Rwy 15/33; Rwy 15/33 is not in use for take-off and landings; other parts of the movement area (Twys, Aprons) are not in use for air traffic. Based on AIP SUP 068-24.

**La Palma**, Canary Is, Based on SUP 051-23, eff 21 MAR 24 based on SUP 34-24, following procedure unusable: (12-1) RNP Z Rwy 36 (LPV only). Refer also to latest NOTAMs.

**Lakselv**, Norway, (Banak), (10-9A) Stand 3 elev changed to 16', new stands: M21 N70 03.5 E024 58.4 elev 26', H1 N70 03.5 E024 57.8 elev 27', H2 N70 03.5 E024 57.9 elev 27', H3 N70 03.5 E024 57.7 elev 27' and stand HC1 renamed to H4.

LPV minimums on (12-2) RNP X Rwy 16 (LPV only) and (12-4) RNP X Rwy 34 (LPV only) are suspended.

**Lanzarote**, Canary Is, (Cesar Manrique Lanzarote), Based on SUP 051-23, eff 21 MAR 24 based on SUP 34-24, following procedure unusable: (12-1) RNP Z Rwy 03 (LPV only). Refer also to latest NOTAMs.



## EUROPE - MEDITERRANEAN

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.

Replacement works of ILS/DME Rwy 03 'IRR' in progress (based on SUP 054-24). The works take place in 3 phases.

PHASE 1 - No operational impact on ILS.

PHASE 2 - Following procedures u/s: (11-1) ILS Z Rwy 03 and (11-3) HI-ILS Rwy 03.

PHASE 3 - Following procedures u/s: (11-1) ILS Z or LOC Z Rwy 03 and (11-3) HI-ILS or HI-LOC Rwy 03.

All work areas shall be duly marked and lit. Refer also to latest NOTAMS.

**Larnaca**, Cyprus, (Larnaca Intl), (11-2) VOR ILS X Rwy 22, (13-5) VOR DME X Rwy 22, to remain within controlled airspace pilots should not exceed D10.0 LCA during turn.

(12-2) RNP Rwy 22 minimums changed as follows: LNAV, DA/MDA(H) 390' (379'), with lights R1500m, ALS out CAT A & B R1500m, CAT C & D R1700m.

(13-4) VOR DME Y Rwy 22 minimums changed as follows: DA/MDA(H) 390' (379'), with lights R1500m, ALS out CAT A & B R1500m, CAT C & D R1700m.

(13-5) VOR DME X Rwy 22 minimums changed as follows: DA/MDA(H) 390' (379'), with lights R1500m, ALS out CAT A & B R1500m, CAT C & D R1700m.

(13-6) VOR DME S Rwy 22 minimums changed as follows: DA/MDA(H) 390' (379'), with lights R1500m, ALS out CAT A & B R1500m, CAT C & D R1700m.

**Le Touquet**, France, (Cote d'Opale), Airport name reads Elizabeth II. Air-to-air frequency available, 118.450 MHz, PTO, w/o local ATS and French only.

**Lecce**, Italy, (Lecce Mil), (10-9) Airport: Apron O South and last 492'/150m of apron O North from intersection with apron O South closed. Available for towing only.

(10-9) Airport: Twy E available with caution due to work in progress. Presence men and equipment on the edges in radio contact with TWR. Twy A from int twy E to int with apron O South closed, available for towing only.

(18-1) PAR Rwy 14, 32 or SRA Rwy 14, 32: PAR and SRA Rwy 14/32 not available.

**Leeds Bradford**, U.K., (11-3) NDB ILS DME or NDB LOC DME Rwy 32 - ILS CAT I DA(H) changed as follows: CAT A 871'(209'), CAT B 881'(219'), CAT C 892'(230'), CAT D 901'(239'). Based on SUP 062-24.

**Leeming**, U.K., (Leeming AB), (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS. Airfield refurbishment. Twy B and Twy G (East) are of poor surface quality and will close when concrete temps exceed 35°C. Alternative taxi routes may be utilized due to ongoing refurbishment on surfaces. Use of temporary AGL IAW RA 3515. Truck Runway Control: Due to unserviceability,

the Truck Runway Caravan and associated controller are unavailable. (Based on SUP 009-23)

Leeming Primary Surveillance Radar (PSR) has a sector blank installed from 237°T - 277°T. No PSR coverage is available within this sector. Traffic will be based on Secondary Surveillance Radar (SSR) data. Based on SUP 001-24.

**Lelystad**, Netherlands, All SIDs Rwy 05: Deviation strictly prohibited up to 600' AMSL (based on SUP 011-24)

**Leon**, Spain, ABN out of service; RWY 06/24 natural ground compact closed; Helicopter landing area closed (based on SUP 15-20, eff 25 MAR 2021 based on SUP 38-21).

Leon Approach frequency 121.275 MHz unserviceable (based on SUP 40/21).

LEON Approach will be out of service.

**Liege**, Belgium, (12-3) RNP Rwy 22L, LNAV/VNAV minimums changed as follows: CAT A DA(H) 932'(337'), with ALS and with ALS (TDZ or CL out) R800m, ALS out R1500m,

CAT B DA(H) 942'(347'), with ALS and with ALS (TDZ or CL out) R900m,

CAT C DA(H) 952'(357'), with ALS and with ALS (TDZ or CL out) R900m, ALS out R1600m,

CAT D DA(H) 962'(367'), with ALS and with ALS (TDZ or CL out) R1000m, ALS out R1700m;

LNAV minimums changed as follows: DA/MDA(H) 1050'(455'), with ALS and with ALS (TDZ or CL out) R1400m, ALS out CAT CD R2100m. Based on NOTAM A2217/24 and D0013/24.

(12-4) RNP Rwy 22R, LNAV/VNAV minimums changed as follows:

CAT A DA(H) 932'(355'), with ALS R900m,

CAT B DA(H) 942'(365'), with ALS R1000m,

CAT C DA(H) 952'(375'), with ALS R1000m, ALS out R1700m,

CAT D DA(H) 962'(385'), with ALS R1100m, ALS out R1800m. Based on NOTAM D0011/24.

Follow-me is mandatory for all arrivals to Apron South Acft stands. (based on SUP 020-24).

**Limoges**, France, (Bellegarde), Departing ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LIMOGES Tower on 119.550 MHz.

Arriving ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LIMOGES Information on 124.050 MHz.

**Linköping**, Sweden, (Malmen AB), Locator SC withdrawn. (21-2) ILS or LOC Rwy 19: Radar vectoring required. Holding and racetrack cannot be performed. MSA 25 NM SC L withdrawn.

(26-4) NDB Rwy 19: Procedure completely withdrawn (based on AIRAC SUP 085-22, Eff 11 AUG 22).

**Linz**, Austria, (10-3D) MSA based on LNZ VOR lowered to 4900 in sector 050°-300° clockwise and 8200 in sector 300°-050° clockwise.

**Lisbon**, Portugal, (Humberto Delgado), ACFT with code letters D and E are not allowed to taxi via TWY's U4 and U5 for take-off (based on SUP 015-24).

**EUROPE - MEDITERRANEAN**

Reduced runway separation minima should only be applied during the hours of daylight from 30 minutes after local sunrise to 30 minutes before local sunset. (based on SUP 43-24)

Twy K closed (based on SUP 039-20, EFF 2-Dec-21 based on SUP 072-21).

Vehicle service road connecting Apron 12 and Apron 60 activated. Vehicles crossing from Apron 12 to Apron 60 thru taxilane A3, abeam stand 126, and thru TWY Q2, abeam stand 600, will be using this service road. TWY T2 closed to be used as vehicle holding bay. In Low Visibility Operations (LVO) service road will be closed and TWY T2 reopened.

**Ljungbyhed**, Sweden, (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS, OMNI DEP, (11-1) ILS or LOC Rwy 29L, (13-1) VOR Rwy 11R, (13-2) VOR Rwy 29L. VOR LJU 113.40 MHz out of service. (Based on SUP 031-23)

**London**, U.K., (Gatwick), Twy RA is closed between its junctions with Twy R and Twy Q. Based on SUP 059-24.

**London**, U.K., (Heathrow), (10-9) AIRPORT, (10-9C) PARKING STANDS - Twy T closed between Link 44 and stand 412 due to work in progress. Stand 412 remains available (based on SUP 026-24).

There may be observations of VOR DME 'LON' bearing fluctuations within the 030-075 degrees sector radials from the London VOR DME 'LON' station.

There may be observations of VOR DME 'LON' bearing fluctuations within the 125-160 degrees mag sector radials from the London VOR DME station.

**London**, U.K., (Luton), (56-1) NDB Rwy 25 not available. NDB(L) LUT 345.000 KHZ unavailable until further notice (based on SUP 031-20).

**Luxembourg**, Luxembourg, (12-1) RNP Rwy 06, LNAV minimums changed as follows: DA/MDA(H) 1630'(472'). (13-1) VOR Rwy 06 (IAF DIK), minimums changed as follows: DA/MDA(H) 1620'(462'), with ALS CAT ABC R1500m, ALS out CAT CD R2200m. Based on SUP 002-24.

Construction works on western side of Terminal A - due to heights of cranes minimums are affected on following procedures: (11-1) ILS or LOC Z Rwy 06, (11-2) ILS or LOC Y Rwy 06, (12-1) RNP Rwy 06. Refer to temp chart 10-8B and latest NOTAMS (based on SUP 037-24)

**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.

**Madeira**, Portugal, (SID/STARs) Due to replacement of MSSR Porto Santo Radar Station (10-2, 10-2A, 10-2B) all STARs suspended. Use

Contingency STARs on 10-2C, 10-2D instead. (10-3, 10-3A, 10-3B, 10-3C) all SIDs suspended. Use Contingency SIDs on 10-3D, 10-3E, 10-3F, 10-3G instead. Based on SUP 002-21. Refer also to latest NOTAMS.

Temporary parking restrictions: Ad-hoc slots for non-based carriers restricted to MAX turnaround of 3 HR parking. Parking slots exceeding this time only on very exceptional basis and upon approval from APT management.

**Madrid**, Spain, (Adolfo Suarez Madrid-Barajas), Works on pipe bank RWY 14R/32L (based on SUP 46-24). Please refer to temp chart 10-8L and latest NOTAMS.

Works on TWY B12 (based on SUP 37-24). Please refer to temp chart 10-8F and latest NOTAMS.

Works on TWY M27 (based on SUP 45-24). Please refer to temp chart 10-8H and latest NOTAMS.

Works on TWYs M33, M34 and B13 (based on SUP 93-24). Please refer to temp chart 10-8B and latest NOTAMS.

Works on TWYs to/from RWY 14R/32L (based on SUP 100-24). Please refer to TEMP charts 10-8M thru 10-8S and latest NOTAMS.

Works on TWYs X1, X2 and X3 (based on SUP 39-24). Please refer to temp charts 10-8J and 10-8K and latest NOTAMS.

Works on TWYs X4 and X5 (based on SUP 91-24). Please refer to temp chart 10-8C and latest NOTAMS.

**Madrid**, Spain, (Getafe), Based on SUP 139-23, left wing of PAPI Rwy 05 and Rwy 23 unserviceable. VGE TACAN signal between R-224 and R-234 from D13.0 to D17.0 is not reliable (based on SUP 127-22, from 30-Nov-23 based on SUP 183-23).

**Malaga**, Spain, (Costa Del Sol), (RNAV SIDs) Unless otherwise instructed by MALAGA Tower, after take-off and reaching 2000, contact MALAGA Approach; in the event that contact cannot be established, contact back to MALAGA Tower.

**Malmo**, Sweden, D-ATIS U/S due work in progress - based on SUP 120-23.

**Malta**, Malta, (Luqa), Renumbering of stands on aprons 8 and 9 (based on SUP 01/24). Refer to temp chart 10-8, 10-8A and latest NOTAMS.

**Marham**, U.K., (Marham AB), Runway 01/19 closed - following procedures affected: (10-3) MID 01 NORTH, 01 WEST & 19 DEPS, (14-1) TACAN RWY 01, (14-3) TACAN RWY 19, (18-1) SRA RWY 01, (18-4) SRA RWY 19 - based on SUP 002-24.

**Marseille/Provence**, France, ACFT non 8.33 KHz equipped. On departure ACFT shall contact ATS on PROVENCE Tower 133.100 MHz. On arrival, unless otherwise instructed by ATS, ACFT shall contact ATS on PROVENCE Approach 129.475 MHz.

(STARs) Where it says 'D-ATIS' it should read 'ATIS' instead.

**Mehamn**, Norway, LPV minimums on (12-1) RNP Rwy 17, (12-1A) RNP Rwy 17 Minimums and (12-2) RNP Rwy 35 Minimums are suspended.

**Metz-Nancy/Lorraine**, France, Departing ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LORRAINE Tower on 122.075 MHz.

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Arriving ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LORRAINE Approach on 119.125 MHz.

**Milan**, Italy, (Malpensa), (10-3 thru 10-3N) Charts suspended, use SID trail procedures (refer to SUP 09/24).

Upgrading works of apron cargo area stand 700 (based on SUP 005-24, with eff date 13 Jun based on SUP 017-24). Please refer to temp chart 10-8 and latest NOTAMS.

**Montijo**, Portugal, (Montijo AB), Based on MIL SUP 30-23:

Due to degraded pavement, RWY 07/25 unusable for following ACFT, except for emergencies and based ACFT:

- all jet ACFT,
- CIV non-jet ACFT, between SS and SR and in IMC conditions,
- Foreign MIL non-jet ACFT, between SS and SR and in IMC conditions.

Red unserviceability lights are not installed on the following locations: West Side THR19, East and West side RWY 01/19, North side RWY 07/25, South of interception with TWY A3 and A4, South of interception with TWY A5, A6 and H2. (Based on SUP 26-22).

Rwy 19 first 200' have damaged pavement. Pilots should exercise caution.

RWY 25 PALS CAT I unserviceable (based on MIL SUP 27-22).

TWY B2 avbl for based ACFT only (per MIL SUP 035/23).

TWYs A2, A3 and TWY E closed (based on MIL SUP 023/22).

TWYs A4 and A5 closed (based on MIL SUP 015/23).

**Montpellier/Mediterranee**, France, ACFT non 8.33 KHz equipped. On departure ACFT shall contact ATS on MONTPELLIER Tower North incl rwy 12L/30R on 118.775 MHz or South incl 12R/30L or by ATC on 118.2 MHz. On arrival, unless otherwise instructed, ACFT shall contact MONTPELLIER Information on 125.650 MHz or 134.375 MHz or 136.625 MHz.

Works on TWY L3 (based on SUP 042-24). Please refer to temporary chart 10-8 and latest NOTAMS.

**Mostar**, Bosnia and Herzegovina, Based on AIRAC AIP SUP 007/23, new trial procedure (12-20-0) RNP Rwy 15 (AR) established. Procedure shall be used for flight validation and flyability check only. Refer also to latest NOTAMS.

**Munich**, Germany, Construction work on apron 1 (based on SUP 14/24). Refer to temp chart 10-8, 10-8A and latest NOTAMS.

**Murcia**, Spain, (Alcantarilla AB), TRL TAC unusable.

**Murcia**, Spain, (Region de Murcia), Compliance works for airfield (based on SUP 197-22). Refer to TEMP chart 30-8 and latest NOTAMS.

IAP VOR Rwy 05 (33-1):

Altitude at (IAF) NERKU is 5500', altitude at (IAF) SANSI is 4500'. Bearings for holdings at NERKU and SANSI reduced by 1°. Defining radial for (IAF) SANSI reads 172°.

IAP VOR Rwy 23 (33-2):

Altitude at (IAF) DITRE is FL090.

IAPs ILS Rwy 23 (31-1) and LOC Rwy 23 (31-2):

Altitude at (IAF) DITRE is FL090.

Final bearing reads 225°. Transition from DITRE, radials 051° and 050° read 049° and 048° respectively.

**Muret**, France, (L'Herm), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.

**Nancy**, France, (Ochey AB), Based on NTMs M1384/24 and M1385/24:

Minimums for ILS Rwy 20 and PAR Rwy 20 (charts 21-1, 28-3 and 28-4) raised as follows:

CAT A DA(H) 1286'(220'), RVR 800m, ALS out RVR 1200m.

CAT B DA(H) 1296'(230'), RVR 800m, ALS out RVR 1200m.

CAT C DA(H) 1306'(240'), RVR 800m, ALS out RVR 1200m.

CAT D DA(H) 1316'(250'), RVR 800m, ALS out RVR 1300m.

**Naples**, Italy, (Capodichino), (10-2/2A) From 20 July until 27 July and from 29 July until 18 August due to gliding competition (based on SUPs 022/24 and 023/24) following STAR MEAs raised to FL120: for ALAXI 1A/1B and ERIKA 1A/1B between PAZUB-RN664.

(10-3K) From 20 July until 27 July and from 29 July until 18 August due to gliding competition (based on SUPs 022/24 and 023/24) following SID crossing raised FL125: for MOLUX 8J at SOR R-023/D20.0. Eff 20 Jul 24.

(10-3M) Temporary noise abatement RNAV SIDs RWY 24 established on trial base (refer to SUP 08/24). Refer to temp chart and latest NOTAMS.

**Nevers**, France, (Fourchambault), RL RWY 12/30 spacing is 60m.

RWY 12/30 restricted as follows: Prohibited for ACFT with reference take-off distance of more than 3937'/1200m. Mandatory take-off from RWY ends.

LDA RWY 12L/30R reads 2789'/850m.

IAP NDB Rwy 30 (16-1): NEV VOR and associated restriction defined by radial 157° withdrawn.

**Nice/Cote D'Azur**, France, ACFT non 8.33 KHz equipped. On departure ACFT shall contact ATS on NICE TWR 118.700 MHz. On arrival ACFT shall contact ATS on NICE Information North 120.850 MHz or South 122.925 MHz or West 124.425 MHz.

Experimentation of 4 RNAV 1 Initial Approaches in progress (based on SUP 177-23, Eff 18 APR 24 based on SUP 031-24).

Refer to following temp pages and charts: 10-1P20, 10-1P21, 11-0A thru 11-0D.

For modification of stands (based on SUP 20-24) refer to temporary charts 10-8A and 10-8A2 and latest notams.

**Niederstetten**, Germany, (11-1) ILS or LOC Rwy 25 not available.

**Nuernberg**, Germany, Construction work (based on SUP 001-24), please refer to TEMP chart 10-8 and latest NOTAMS.

**EUROPE - MEDITERRANEAN**

**Ohrid**, North Macedonia, (St Paul the Apostle), New Constitutional name of the Republic of Macedonia, from now on, shall be Republic of North Macedonia

**Olbias**, Italy, (Costa Smeralda), Construction works on Apron 2 (based on SUP 016/24). Please refer to temp chart 10-8 and latest NOTAMS.

**Orange**, France, (Caritat AB), Based on NOTAM IM 1960-24 all procedures are unusable except for the following procedures which are, for some, usable with increased minima:

(11-1) ILS Rwy 14 - DA(H) 574' (380') R1000m, ALS out CATAB R1500m, CAT CD 1700m.

(12-1) RNP Rwy 14 - LPV DA(H) 574' (380') R1100m, ALS out CAT AB R1500m, CAT C R1700m - LNAV DA/MDA(H) 590' (396') R1100m, ALS out CAT AB R1500m, CAT C R1800m.

(12-2) RNP Rwy 32 LNAV DA/MDA(H) 580' (394') CAT AB R1500m, CAT C R1800m.

(14-2) TACAN Rwy 32 MDA(H) 580' (383') CAT AB R1500m, CAT C R1800m.

(18-1) RADAR \*PAR Rwy 14 DA(H) 574' (380') R1000m, ALS out CAT AB RVR1500m, CAT CD R1700m.

(18-2) RADAR \*PAR Rwy 32 DA(H) 576' (390') CAT AB R1500m, CAT C R1800m.

**Orleans**, France, (Bricy), IATA code for LFOJ should be deleted.

**Orleans**, France, (St Denis De L'Hotel), IATA code for LFOJ should read OR.

**Oslo**, Norway, (Gardermoen), Construction works (based on SUP 10/24). Refer to temp chart 10-8A and latest NOTAMS.

**Ostend-Brugge**, Belgium, (Ostend), (11-2) ILS OR LOC RWY 26, DME IOS unserviceable. Based on NOTAM A1985/24.

(12-1) RNP RWY 08 - LNAV/VNAV minimums changed as follows: CAT A DA(H) 302'(295') with ALS RVR 750m (with TDZ & CL & HUD: RVR 650m), ALS out RVR 1400m, CAT B DA(H) 312'(305') with ALS RVR 750m (with TDZ & CL & HUD: RVR 700m), ALS out RVR 1400m, CAT C DA(H) 322'(315') with ALS RVR 750m (with TDZ & CL & HUD: RVR 700m), ALS out 1400m, CAT D DA(H) 332'(325') with ALS (and with TDZ & CL & HUD) RVR 800m, ALS out RVR 1500m (based on NOTAM D0014/24).

(12-1) RNP Rwy 08, LNAV/VNAV minimums changed as follows:

CAT A DA(H) 302'(295'), ALS with TDZ & CL & HUD RVR 650m, ALS out RVR 1400m, CAT B DA(H) 312'(305'), ALS with TDZ & CL & HUD RVR 700m, ALS out RVR 1400m, CAT C DA(H) 322'(315'), ALS with TDZ & CL & HUD RVR 700m, CAT D DA(H) 332'(325'), ALS with TDZ & CL & HUD and ALS TDZ or CL out RVR 800m, ALS out RVR 1500m.

For all IACs Circling minimums changed as follows: MDA(H) CAT A 600' (593'). Based on SUP 026/23.

Lctr OO (Freq 375.0) and NDB ONO (Freq 399.5) are unserviceable. Due to the unavailability of OO and ONO following applies:

(11-1) ILS or LOC Rwy 08: base turn on ONO not available, expect vectoring. Missed approach is affected, pilots unable to comply with these procedures shall request alternative instructions to ATC.

(11-2) ILS or LOC Rwy 26: base turn based on ONO not available, expect vectoring. Missed approach is affected, pilots unable to comply with these procedures shall request alternative instructions to ATC. LOC procedure: use MM or DME IMI as MAP.

(12-1) RNP Rwy 08, (12-2) RNP Rwy 26 and (16-1) Lctr Rwy 08: Missed approach is affected, pilots unable to comply with these procedures shall request alternative instructions to ATC.

**Ovar**, Portugal, (Ovar AB), Approach lights RWY 18 u/s (based on MIL SUP 013-24).

Aprons 1 and 2 closed (based on MIL SUP 004-24). Arresting Gear on RWY 36 completely withdrawn (based on MIL SUP 37/23). Due to the previously stated, be advised that when RWY 18 is in use, the runway arresting gear cable will always be up on the beginning of the RWY. Refer to chart 10-9 and latest NOTAMS.

**Palma De Mallorca**, Spain, Extension works of modules A and D (based on SUP 166-23, Eff 13 Jun 24 based on SUP 103-24). Please refer to temp chart 10-8 and latest notams.

Works on TWY NORTH (based on SUP 128-23). Please refer to temp charts 10-8A and 10-8B and latest NOTAMS.

**Pamiers**, France, (Les Pujols), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.

**Paris**, France, (Charles-De-Gaulle), Modification of TWYs in force (based on SUP 105/24). Refer to temp chart 20-8B and latest NOTAMS.

New parking stands (based on SUP 108-24). Please refer to TEMP chart 20-8C and latest NOTAMS.

Works on TWY N (based on SUP 006-24). Please refer to TEMP chart 20-8A and latest NOTAMS.

**Payerne**, Switzerland, (Payerne Mil), REIL available on RWYs 05 and 23.

**Perpignan**, France, (Rivesaltes), For non-Schengen flights, mandatory parking on Commercial Apron. State helicopters can use stand P4.

**Pescara**, Italy, (10-2H) From 20 July until 27 July and from 29 July until 18 August due to gliding competition (based on SUPs 022/24 and 023/24) following STAR MEA raised to FL120: for ATRUP 3N between ATRUP-PES R-255/D7.0.

(10-3/3C/3F/3G) From 20 July until 27 July and from 29 July until 18 August due to gliding competition (based on SUPs 022/24 and 023/24) following SID crossings raised FL120: for ASPIR 7F/7Gat PES R-230/D7.0. SIDs ASPIR 6R/6S suspended.

Eff 20 Jul 24.

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Based on AIRAC SUP 004/24 RWY 04/22 extension works take place in front of threshold RWY 04. For temporary taxiing limitations refer to temp charts 10-8 and 10-8A. ILS Z or LOC Z RWY 22 (11-1) and ILS Y or LOC Y RWY 22 (11-2) are suspended. In phase 4 approaches are replaced by temporary ILS Z or LOC Z RWY 22 (11-01) and temporary ILS Y or LOC Y RWY 22 (11-02). Refer also to latest NOTams.

RWY extension works to take place. Works will occur in 4 phases, per by NOTAMS. Phases 1-3 take-off RWY 22 and LNDG RWY 04 are forbidden. RNP 1 SIDs/By ATC (10-3C/3D/3E) and SIDs VOR RWY 22 (10-3G/3J) are suspended. Phase 4 STARs to ASTUP and STARs to PES VOR/By ATC (10-2C/2D/2G/2H) will be replaced by TEMP STARs (refer to temp charts 10-2K thru 10-2N). SIDs RWYs 04/22 (10-3F/3G/3H/3J/3J) will be replaced by TEMP SIDs (refer to TEMP charts 10-3K/3L/3M/3N). Refer to latest NOTAMS.

**Piacenza**, Italy, (Piacenza Mil), (10-3 thru 10-3J) Add IATA code: QPZ.

(10-9) Airport info, TDZ Rwy 30 and CL Rwy 12/30 unserviceable.

**Pisa**, Italy, (San Giusto), (10-3/3A, 3F/3G, 3H/3J, 3M/3N) ELB VORTAC decommissioned (refer to SUP 27/23).

**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).

**Porto**, Portugal, (Francisco SA Carneiro), Construction works in 9 phases (based on SUP 048-24) in progress. Most of the work will take place during RWY closure period. When there are ACFT movements, works will be interrupted. No works during Low Visibility Operations (LVO). PRECAUTIONS: ILS u/s during phases 3 and 4. Possible changes on braking action along RWY. During work, degradation of visual aids may be expected. Refer also to latest NOTAMS.

HSTIL for HST-F1 u/s (based on SUP 026-24).

Marshalling mandatory for ACFT with code letter E parking on stand S42 (based on SUP 012-22, eff 26 MAR 2023 based on SUP 038-23).

Traffic delays may be expected on arrivals and departures with poor visibility conditions (based on SUP 025-24).

**Porto Santo**, Portugal, For ACFT with code letter E PPR 72 hrs required. Diverted ACFT with code letter E will not be accepted (based on SUP 023-24).

For IAPs RNP RWY 18 (chart 12-1) and RNP RWY 36 (charts 12-2 and 12-2A) LPV approach is not available (based on SUP 004-24).

RWY 18 turn pad in front of TWY B closed. Back track operations must be done on RWY 18 tresh (based on SUP 08.23).

**Pratica Di Mare**, Italy, (Pratica Di Mare Mil), (11-1) ILS Z or LOC Z RWY 31, (11-2) ILS Y or LOC Y RWY 31, (11-3) ILS X or LOC X RWY 31: ILS-GP RWY 31 on frequency 332.45MHz out of service.

**Pristina**, Serbia-Montenegro, (Adem Jashari), Based on AIP SUP 002/22, construction works on TWYs A1, A2, A3, C and E. Refer to temporary chart 10-8A and latest NOTAMS.

Construction works in progress (based on SUP 01/2019). For details refer to temp chart 10-8 and latest NOTAMS.

**Pula**, Croatia, LVP not available. The lowest permissible take-off minimum is 400m.

**Reggio Calabria**, Italy, IAP RNP G (12-3), Visual manoeuvring RWY 33: Lead-in light number 6 in direction to RWY withdrawn.

**Rivolto**, Italy, (Rivolto Mil), (10-9) Airport, Airport info, take-off mnms, Main Twy & Twys A, B, C and F are closed due to work in progress.

**Rochefort**, France, (Charente-Maritime), ROCHEFORT Information and ROCHEFORT A/A frequencies read 119.305 MHz, all other info unchanged.

Intersection-TORAs for RWY 30 established as follows: from TWY B 6040/1841m, from TWY E 6053/1845m.

**Rodez**, France, (Aveyron), RWY 13 TORA from TWY C intersection reads 3166/965m. RWY 31 TORA from TWY C intersection reads 3625/1105m.

**Rome**, Italy, (Ciampino), Temporary SIDs RWY 15 established on trial basis. Refer to temp charts and latest NOTAMS.

**Rome**, Italy, (Fiumicino), (STARs) ATIS changed to D-ATIS.

**Ronneby**, Sweden, (10-9) AIRPORT, PARKING, AIRPORT INFO, LVP, TAKE-OFF MNMS - Grass RWY 12/30 closed. (Based on SUP 073-24).

WIP on Civil Apron, caution advised - limitation, Civil Apron is not accessible for aircraft larger than CRJ900. (based on SUP 109-24)

**Rost**, Norway, PLASI changed to APAPI for Rwy 02/20. MEHT 23'.

**Salamanca**, Spain, (Matacan), Approach frequency 124.4 changed to 124.405. Tower frequency 118.1 changed to 118.105. Ground frequency 121.850 changed to 121.855.

**Salen**, Sweden, (Scandinavian Mountains), ILS CAT 2 and 3 downgraded to CAT 1 (based on SUP 106-23).

**Santiago**, Spain, (Rosalia de Castro), Compliance Works for Apron Lighting (based on SUP 165-23). Please refer to TEMP charts 10-8Q and 10-8R and latest NOTAMS.

RWY 35 ALS provisional configuration (based on SUP 64-24). Please refer to temp chart 10-8E and latest NOTAMS.

Works on RWY, TWYs and Apron (based on SUP 129-23, eff 16 May 24 based on SUP 87-24). Please refer to TEMP charts 10-8/10-8A, 10-8B/10-8C, 10-8D and latest NOTAMS.

**Santorini**, Greece, (10-9) Rwy 33 App lighting changed from HIALS to MIALS. Rwy 15/33 MIRL spacing 60m added.

**Sarajevo**, Bosnia and Herzegovina, Based on AIRAC AIP SUP 003/2024 the apron extension on east side of existing apron has been completed. New parking positions B1 thru B4 are located on extended apron. Tower directions and marshaller (follow me) guidance shall be followed for entering and exiting from any of parking positions. Refer to latest NOTAMS.

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- Schleswig**, Germany, (Schleswig AB), (14-1) TACAN Rwy 05, (14-2) TACAN Rwy 23, Vojens/Skrydstrup VOR changed to Vojens/Skrydstrup TACAN.
- Scilly Isles**, U.K., (St Mary's), Based on SUP 064-23. Rwy 14, 27 and 32 Runway Threshold Identification Lights unserviceable. Rwy 27 Sequenced Strobe Approach unserviceable. AD Identification Beacon unserviceable.
- Sebha**, Libya, First 300m of Rwy 13 closed.
- Shannon**, Ireland, (10-9) SHANNON Center freq changed to 127.9, contact for Oceanic Clearance at least 30 min prior to ETD.
- (11-2) ILS or LOC Rwy 24 and (11-2A) CAT II ILS Rwy 24, OM Rwy 24 is out of service (based on SUP 22-19).
- 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 and SUP 41-24).
- Shawbury**, U.K., (13-5) VOR DME RWY 23 (COPTER) - SMA block between D6.1 and D5.1 changed from 940'(700') to 1040'(800'), D6.1 alt unbar withdrawn (based on AMDT 007-24 AIRAC).
- Sintra**, Portugal, (Sintra AB), ALS only available with 30 minutes prior request.
- Based on MIL SUP 045/23:  
SRA VOR working with following limitations:  
- on R-320 between 7NM and 1.5NM at or below 2000', bearing error out of tolerance.  
- on R-357 between 7NM and 2NM at or below 3000', bearing error out of tolerance.  
Therefore VOR approach is unusable and the following procedures are suspended:  
- VOR X Rwy 14 (chart 13-1).  
- VOR Z Rwy 14 (chart 14-1), IAP TACAN Rwy 14 still usable.
- Based on MIL SUP 046/23:  
STR NDB u/s. IAP NDB Rwy 14 (chart 16-1) suspended  
Ground frequency 121.565 MHz unserviceable (based on MIL SUP 017-24).
- Sion**, Switzerland, (12-20) RNP Rwy 25 (AR) suspended.
- Sirnak**, Turkiye, (Serafettin Elci), (10-9) RWY guard lights are available at TWY A.  
Sequenced Flashing Lights (SFL) for RWY 11 installed.
- Skiathos**, Greece, (Alexandros Papadiamandis), (10-9) Rwy 01/19 RL changed to HIRL (60m).
- Sonderborg**, Denmark, Approach lights for RWY 14 unserviceable.
- Southampton**, U.K., (10-9A) PARKING STANDS & COORDS, Stand 12 closed until further notice. ACFT that are not equipped for 8.33 kHz frequencies cannot operate at this apt.
- Spangdahlem**, Germany, (Spangdahlem AB), (10-3C) - RWY 05 OMNIDIRECTIONAL DEPARTURE see (10-9) chart. - Do not use the (10-3C) chart.
- St Yan**, France, Departing ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact ST YAN Tower on 122.3 MHz.  
Arriving ACFT, unless otherwise instructed, not having compatible radiocommunication equipment in 8.33 kHz spacing contact ST YAN Tower on 122.3 MHz.
- Stockholm**, Sweden, (Bromma), (21-2) ILS or LOC Rwy 30 minima for LOC (GS out) Rwy 30 changed as follows: DA/MDA(H) 600' (557'), with ALS CAT A,B RVR 1500m, CAT C RVR 2100m, without ALS CAT A,B RVR 1500m, CAT C RVR 2400m. Based on SUP 072-23.
- D-ATIS U/S due work in progress. (Based on SUP 043-23).
- Stockholm**, Sweden, (Skavsta), (30-3B) RNAV SID TRS 3M - To avoid obstacles: Minimum climb gradient 6.6% (401 FT/NM) up to 1000. MAX 204 KT until KN850 (based on SUP 150/23).
- (30-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS, OMNI DEP, wind measuring equipment Rwy 34 out of service (based on SUP 127-23).
- (30-9) PAPI-L Rwy 16 is out of service.  
I-DME EKN Ch56X (111.90 Mhz) Rwy 26 on test. Do not use.  
Rwy guard lights 08/26 partly out of service (based on SUP 142-23).
- Stockholm**, Sweden, (Vaesteras), PPR for all traffic in Vasteras CTR and Stockholm TMA sector Vasteras during Vasteras ATS operational hours. Scheduled traffic, SAR, hospital ACFT and police flights exempted. Based on SUP 097-23.
- Stokmarknes**, Norway, (Skagen), PLASI changed to APAPI for RWY 08/26. MEHT RWY 08 changed to 21'.
- Stord**, Norway, (Sorstokken), (10-9) Airport info, SFL for Rwy 32 are unserviceable ufn.
- Strasbourg**, France, (Entzheim), ACFT non 8.33 KHz equipped. On departure ACFT shall contact ATS on STRASBOURG Tower 119.250 MHz. On arrival, unless otherwise instructed, ACFT shall contact STRASBOURG Approach on 120.7 MHz.
- Stuttgart**, Germany, Construction work on Twy N (based on SUP 21/24). Refer to temp chart 10-8 and latest NOTAMS.
- Sumburgh**, U.K., (all charts) Sumburgh Primary Radar unserviceable.
- Taba**, Egypt, (Taba Intl), (10-9) CAUTION: Birds in vicinity of airport (based on SUP 16-24).  
Ufn RNAV SIDs/STARs suspended.
- Tabarka**, Tunisia, (7 November), (10-9) Stands 1, 2 and 3 renamed to A1, A2 and A3.
- Tanagra**, Greece, For procedures AGH3E, ATV3A, IXON3A, SKP3D, SOSI3A all turns limited to MAX 250 KIAS, bank angle 25° till TGG R-055 / 12 DME Fix (IAF).
- Tenerife Sur**, Canary Is, Based on SUP 34-24, following procedure 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, (Cuidad 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 194-23 AIRAC.

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(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 194-23AIRAC.

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.

Based on SUP 134-23, Eff 25 Jan 24 based on SUP 194-23, LRO VOR DME is unserviceable due to system replacement. Following changes apply:

(21-2) ILS Y Rwy 12, (21-4) ILS Y Rwy 30, (23-1) VOR Rwy 30 and (23-2) VOR not available.

(21-1) ILS Z or LOC Rwy 12 BASUX holding, initial approach via BASUX and references to LRO VOR DME not available.

(21-3) ILS Z or LOC Rwy 30 references to LRO VOR DME not available.

Refer also to latest NOTAMs.

Work on taxiing layer of RWY 12/30 (based on SUP 69-24). Please refer to temp charts 20-8 and 20-8A and latest NOTAMs.

**Tirana**, Albania, (Rinas), Based on AIRAC AIP SUP 002/24, rehabilitation of a portion of TWY C in progress. TWY C is closed. Work at the intersection to Rwy 17/35 requires a dual Rwy closure and effectively shuts down the airport to acft operations. Refer to latest NOTAMs for actual days/times or Rwy closures and additional restrictions.

**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).

**Toulouse**, France, (Blagnac), Departing ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact BLAGNAC Ground on 121.9 MHz.

Arriving ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.

**Toulouse**, France, (Francazal), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.

**Tours**, France, (Val de Loire), Based on NOTAM B1550/24 minimums for IAP RNP Rwy 20 (chart 12-2) raised as follows:

- LPV unchanged.

- LNAV/VNAV

CAT A DA(H) 621'(270'), R800m ALS out R1300m,

CAT B DA(H) 631'(280'), R800m ALS out R1300m,

CAT C DA(H) 641'(290'), R800m ALS out R1400m,

CAT D DA(H) 651'(300'), R800m ALS out R1400m.

- LNAV DA/MDA(H) 740'(389'), R1100m ALS out CAT AB R1500m CAT CD R1800m.

- Circle-to-land unchanged.

**Toussus-Le-Noble**, France, (10-2H) ODILO 6M lost comm instructions are unusable since they contain POY NDB. Clarification is under way.

(10-3M) POY NDB unusable. SIDs DORDI 9P & 9V under clarification. Contact ATC.

**Trapani**, Italy, (Birgi Mil), (10-9) Airport, Airport info, take-off mms, Rwy 13L/31R MIRL available with 60 min prior notice required.

**Trieste**, Italy, (Ronchi Dei Legionari), Construction works on Apron (based on SUP 26-23). Refer to temp charts 10-8 thru 10-8B and latest NOTAMs.

**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

**Tromso**, Norway, (Langnes), (10-9A) Stand 15 is now parallel next to stand 16 with new coordinates N69 40.6 E018 54.4 elev 28'.

**Troyes**, France, (Barberey), (10-1R) PTV VOR replaced by OLZOM Int.

**Tuzla**, Bosnia and Herzegovina, Based on AIRAC AIP SUP 005/2024 trial procedure RNP Rwy 27 is available and shall be used for flight validation and flyability check purposes only. Refer to latest NOTAMs.

Based on SUP 004/2024 trial procedure RNP Rwy 09 is available and shall be used for flight validation and flyability check purposes only. Refer to latest NOTAMs.

**Vadso**, Norway, PLASI changed to APAPI for RWY 07/25. MEHT RWY 07 changed to 21' and MEHT RWY 25 changed to 22'.

**Valencia**, Spain, Construction works (based on SUP 117-23, eff 18 Apr 24 based on SUP 59-24). Please refer to temp charts 10-8 and 10-8A and latest NOTAMs.

Installation of towers on south apron (based on SUP 136-23). Please refer to temp charts 10-8B and 10-8C and latest NOTAMs.

**Valladolid**, Spain, (Villanubla), RWY 14/32 width reduced to 59'/18m (based on SUP 162/23).

VALLADOLID Tower frequency reads 122.205 MHz. IAPs ILS Rwy 23 (11-1), LOC Rwy 23 (11-2), VOR Rwy 05 (13-1), VOR Rwy 23 (13-2): Circle-to-land CAT C ceiling value reads 1000'.

**Vardo**, Norway, (Svartnes), (13-1) VOR Rwy 15, (13-2) VOR Rwy 33: VOR part of VRD VOR DME, freq 114.1 MHz is not available.

LPV minimums on (12-1) RNP Rwy 15, (12-1A) RNP Rwy 15 Minimums, (12-2) RNP Z Rwy 33 and (12-2A) RNP Z Rwy 33 Minimums are suspended.

**Vaxjo**, Sweden, (Kronoberg), (12-1) RNP RWY 01 - LPV minimums changed as follow: DA(H) CAT A 918' (308'), CAT B 930' (320'), CAT C 938' (328'), CAT D 948' (338') - with ALS: CAT AB RVR 1000m, CAT CD RVR 1100m; ALS out: CAT AB RVR 1400m, CAT CD RVR 1500m.

(12-2) RNP RWY 19 - LPV and LNAV/VNAV minimums changed as follow: DA(H) CAT A 918' (355'), CAT B 930' (367'), CAT C 938' (375'), CAT D 948' (385') - with ALS: CAT A RVR 900m, CAT BC RVR 1000m, CAT D RVR 1100m; ALS out: CAT AB RVR 1500m, CAT C RVR 1700m, CAT D RVR 1800m.

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- LNAV minimums changed as follow: DA/MDA(H) CAT ABCD 1010' (447') - with ALS: CAT ABCD RVR 1400m; ALS out: CAT AB RVR 1500m, CAT CD RVR 2100m.
- (16-2) NDB RWY 19 - minimums changed as follow: DA/MDA(H) CAT ABCD 1040' (477') - with ALS: CAT ABCD RVR 1500m; ALS out: CAT AB RVR 1500m, CAT CD RVR 2200m. Based on SUP 102-24.
- Venice**, Italy, (Tessera), Construction works on RHP TWY C (based on SUP S06/24). Refer to temp chart 10-8B, 10-8C, 10-8D and latest NOTAMs.
- Verona**, Italy, (Villafraanca), For construction works (based on SUP 035-22, Eff 3 Nov) refer to temporary chart 10-8 and latest notams.
- Vigo**, Spain, Airport works in progress from 5-May-24, 22:30 UTC, until 31-May-24, 04:30 UTC refer to current airport NOTAMs for status and closures and operational restrictions. (per SUP 033-24).
- Vila Real**, Portugal, ALS Rwy 02 out of service (based on SUP 13-18).
- Villacoublay**, France, (Velizy AB), (10-2, 10-2B, 10-2C, 10-3B through 10-3J, 10-3L, 10-3M, 10-3N, 10-3Q, 10-3T, 10-3V, 10-3W) Procedures unavailable due to deletion of Orly 'POY' NDB: use RNAV procedures or expect RADAR vectors. Based on NTM M1373/24 minimums for IAP RNP Rwy 09 (chart 12-1) read as follows:  
Straight-in DA/MDA(H) 1010'(425') CAT AB RVR 1500m, CAT C RVR 1600m ALS out RVR 2000m. Circe-to-land CAT A MDA(H) 1220'(635') VIS 1500m, CAT B MDA(H) 1220'(635') VIS 1600m, CAT C MDA(H) 1320'(735') VIS 2400m
- Due to decommissioning of MTD VOR & POY DME the following procedures are unusable:  
(10-3T) OB & PT 9A & 9B  
(10-3V) PB 9A & 9B
- Vitoria**, Spain, (10-3A) Disregard speed restriction at VT600.
- (11-2) ILS Y RWY 04, (11-2A) CAT II ILS Y RWY 04, (11-5) LOC Y RWY 04 (based on AIRAC AMDT 06-24): Racetrack at VRA VOR restricted to MAX 210 KT, MHA 5300.
- Warton**, U.K., (11-1) TACAN ILS DME Rwy 25, (11-2) NDB ILS DME Rwy 25, (11-3) HI- TACAN ILS DME Rwy 25: CAUTION: ILS not to be used for auto-coupled approaches below 460' (406').
- Wittering**, U.K., (Wittering AB), (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS. Main Rwy is undergoing AoS (Aircraft Operations System) refurbishment works: it will not be available for any ACFT. During the same period the temporary addition of Rwy 25/07 North to the western end of Twy N will only be available for Tutor Operational Flying: visitors and diversion commitments will not be accepted. Aerodrome Rescue and Fire Fighting (ARFF) response time is unaffected: works crossing points are provided by contractor to expedite emergency response. (Based on SUP 007-23)
- Yeovil**, U.K., (Westland), (10-9) Aerodrome closed to fixed-wing acft. CAUTION note deleted: Caution required for propeller-driven fixed wing acft.  
(10-9) Rwy 09/27 width increased to 121'/37m. Based on AMDT 003-22 AIRAC.
- Based on NOTAM L5454/20 following charts withdrawn: (10-1R) RADAR MNM ALTS, (18-1) SRA Rwy 09, (18-2) SRA Rwy 27.
- Zadar**, Croatia, (Zemunik), (11-1) ILS OR LOC RWY 13 LOC (GS out) minimums changed as follows: DA/MDA(H) 640'(397'), with ALS RVR 1100m, ALS out CAT AB RVR 1500m, CAT CD RVR 1800m.
- (12-2) RNP Z RWY 13 LNAV minimums changed as follows: DA/MDA(H) 640'(397'), with ALS RVR 1100m, ALS out CAT AB RVR 1500m, CAT CD RVR 1800m.
- (12-3) RNP Y RWY 13 LNAV minimums changed as follows: DA/MDA(H) 640'(397'), with ALS RVR 1100m, ALS out CAT AB RVR 1500m, CAT CD RVR 1800m.
- (16-2) LCTR Y RWY 13 straight-in minimums changed as follows: DA/MDA(H) 690'(447'), with ALS RVR 1400m, ALS out CAT AB RVR 1500m, CAT CD RVR 2100m.
- Based on AIP AIRAC SUP 008/23, construction of AWOS infrastructure in progress. Refer to temporary chart 10-8A and latest NOTAMs.
- Based on AIP SUP 004/24 (10-9A) Parking stands & coords chart is suspended.
- Zaragoza**, Spain, (14-1) TACAN Rwy 12R not usable. Based on SUP 63-22, Eff 25 JAN 24 based on SUP 02-24.
- (14-3) TACAN Rwy 30R from IAF YARZU not usable. Based on SUP 118-23, eff 21 MAR 24 based on SUP 47-24.
- (18-1) PAR and SRE approach to all RWYs not available (based on AIRAC SUP 51-24).
- Works on Maneuvering Area (based on SUP 03-23, Eff 5 Oct 23 based on SUP 143-23). Please refer to TEMP charts 10-8/10-8A and 10-8B and latest NOTAMs.
- Zurich**, Switzerland, (11-4) ILS Rwy 34 suspended. Reconstruction apron south - Phase A (based on SUP 002/2024). Refer to temp chart 10-8 and latest NOTAMs.
- Reconstruction Apron South - Phase B1 (based on SUP 003/24). Refer to temp chart 10-8A and latest Notams.
- SID procedures suspended: (10-3E5) DEGES 2R, (10-3J1) GERSA 1H, (10-3J2) GERSA 1N, (10-3J3) GERSA 2S, (10-3J4) GERSA 2W.