

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.

**AUSTRIA**

FRA waypoint estbld: PIBIP at N4656.5 E01534.7. **E LO-12.**

**CYPRUS / GREECE**

ATS ROUTE SYSTEM (HIGH/LOW) revised within Athens FIR, Hellas UIR and Nicosia FIR/UIR. For details refer to CCN 303. **A HL-2.**

**CYPRUS / ISRAEL**

All traffic inbound LLBG airport shall arrange to cross BIRES, LEDRA and ZOMBA or abeam these points at or below FL310. Pilots shall request descent by NICOSIA CONTROL so as to meet the above restriction. (N33 E032) **A HL-2.**

**FINLAND**

FRA waypoint estbld: OMZER at N6033.7 E02750.8 and VULEZ at N6112.6 E02904.9. **E LO-8.**

**GREECE**

CDR 2 and 3 status withdrawn from all ATS routes within the Athens FIR and Hellas UIR. **LGAV 10-1, A HL-2.**

**ITALY**

ATS ROUTE SYSTEM (LOW) revised within Milan FIR. For details refer to CCN 313. **LIMC 10-1, E LO-4, E LO-12.**

**NORTH MACEDONIA**

Country name chgd from MACEDONIA, former YUGOSLAV REPUBLIC OF to NORTH MACEDONIA.

**NORWAY**

FRA waypoint estbld: SELCO at N6046.5 E00921.8. **E LO-1, E LO-7.**

**PORTUGAL**

ATS CONTINGENCY ROUTES revised within MADEIRA SECTOR. For details refer to CCN 307. **A HL-1.**

**ROMANIA**

ATS ROUTE SYSTEM (LOW) revised within Bucharest FIR. For details refer to CCN 315, CCN 316 and CCN 317. **E LO-12, E LO-13.**

**SLOVENIA**

FRA WPs estbld: LEZEB at N4609.0 E01528.6, MEDFI at N4609.1 E01531.2, OLEZE at N4606.4 E01518.9, OTMOH at N4545.3 E01456.2, POKES at N4542.9 E01446.9 and ZARVE at N4553.6 E01456.9. **E LO-12.**

**TURKEY**

THE FOLLOWING AIRWAY SEGMENTS ARE WITHDRAWN:  
 A/UA16, Yalova VORDME (YAA) to Afyon VORDME (KFK),  
 T/UT32, Cubuk VORDME (BUK) to EVNOT,  
 T/UT327, RIMBO (N4122.9 E02833.1) - TUDBU,  
 T/UT338, EDASA (N3927.6 E03007.5) - TEKDO,  
 W/UW107, TEVNI (N4135.5 E03021.8) - GUMRU,  
 W/UW714, MISRO (N3957.2 E02948.1) to Afyon VORDME,  
 W/UW715, Yenisehir VORDME (BRY) to Afyon VORDME. **LTAC 10-1.**

**ALBANIA**

FRA waypoint TINKI (N4111.0 E01945.1) withdrawn. **E LO-13, E LO-14.**  
 FRA waypoint UMRES (N4126.2 E01925.9) withdrawn. **E LO-13, E LO-14.**  
 FRA waypoint UNASA (N4126.7 E01918.0) withdrawn. **E LO-13, E LO-14.**  
 FRA waypoint VOLBI (N4138.9 E01941.4) withdrawn. **E LO-13, E LO-14.**  
 GRID MORA (N41-N42, E019-E020) raised to 7700. **E LO-13, E LO-14.**

**ALGERIA**

**ATS ROUTES changed:**  
 G859, DAYAT (N3352.3 E00500.0) - Biskra VORDME (BIS), MEA FL110. **A HL-1.**  
 R978; KAMER (N3900.0 E00605.3) to NADJI, MEA FL120. **E LO-6, A HL-1.**  
 UB738, LIGUM (N3550.0 W00200.0) to El Bayadh VORDME (BAY), MEA FL310. **A HL-1.**  
 UM629, BAGBO (N3019.0 W00539.2) - MERAT, 150NM; BAGBO to USRUT, MAA FL450. **A HL-1.**  
 UM744, CARBO (N3615.1 W00129.7) to Mostaganem VORDME (MOS), MEA FL260. **A HL-1.**  
 UM744, YESNA CRP estbld at N3604.2 W00038.5; CARBO - YESNA - Mostaganem VORDME (MOS), 43/39NM. **A HL-1.**  
 UV508, KAMER (N3900.0 E00605.3) to Bordj Omar Driss (BOD) VORDME, redesignated UM508. **A HL-1.**

OUARGLA Lctr (OU) decmsnd (N31 E005). **A HL-1.**  
 TLEMEN NDB (TLM) decmsnd (N35 W001). **A HL-1.**

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ZARZAITINE VORDME (ZIN) decmsnd (N28 E009).  
**A HL-2.**

**AZERBAIJAN****ATS ROUTES changed:**

T444 extended; XERBO (N4001.8 E04905.7) -  
NETON CRP, 243°/062°, 45NM, MEA FL90.  
**ME HL-1.**

UB(P)-3 withdrawn (N39 E046). **ME HL-1.**

**BELARUS****ATS ROUTES changed:**

L29, INKUZ NCRP estbl'd at N5453.7 E02614.0;  
LAFAT - INKUZ, 16NM, MEA FL80; INKUZ -  
RAMBE, 42NM, MEA FL100. **E LO-10.**

L749, EPFIN NCRP estbl'd at N5435.8 E02610.3;  
TEDRO - EPFIN - ZENIT, 62/16NM. **E LO-10.**

M856, Viciebsk VORDME (VTB) to OLAGO,  
cruising levels chgd to NON-standard, ODD  
levels N-bound; Directional MAAs chgd: FL450  
N-bound, FL280 S-bound. **E LO-10, E LO-9.**

M874, ANHOM NCRP estbl'd at N5439.9 E02615.2;  
NELOK - ANHOM - ZENIT, 124/18NM. **E LO-10.**

M983, OKWET NCRP estbl'd at N5353.5 E02507.4;  
BESAK - OKWET - SOGBI, 38/20NM; OKWET -  
SOGBI, MEA FL80. **E LO-10.**

M996, NOPKA (N5419.8 E02553.2) - DUKAT, MEA  
FL80. **E LO-10.**

N743, KOMAP (N5351.4 E02842.8) to DAHRU,  
chgd to two-way, 356°/176°. **E LO-10.**

N858, INKUZ NCRP estbl'd at N5453.7 E02614.0;  
LAFAT - INKUZ, 16NM, MEA FL80; INKUZ -  
RAMBE, 42NM, MEA FL100. **E LO-10.**

Z367, AKPOZ NCRP estbl'd at N5357.5 E02502.5;  
IRFIL - AKPOZ - SOGBI, 73/16NM; AKPOZ -  
SOGBI, MEA FL80. **E LO-10.**

Z367, SURUG (N5233.6 E02413.3) to SOGBI,  
cruising levels chgd to NON-standard, EVEN  
levels NE-bound. **E LO-10.**

UM(P)-175 upper limit 6000' (N54 E027). **E LO-10.**

UM(P)-178 upper limit 5550' (N52 E030). **E LO-10.**

UM(P)-181 upper limit 6000' (N53 E027). **E LO-10.**

UM(P)-182 upper limit 5550' (N52 E031). **E LO-10.**

UM(P)-184 upper limit 5550' (N52 E030). **E LO-10.**

UM(P)-252 upper limit 4000' (N52 E023). **E LO-10.**

UM(P)-253 withdrawn (N53 E027). **E LO-10.**

UM(P)-259 estbl'd; GND-5550' (N53 E026). **E LO-10.**

UM(P)-260 estbl'd; GND-5550' (N53 E028). **E LO-10.**

UM(P)-261 estbl'd; GND-5550' (N54 E028). **E LO-10,**

**E LO-9.**

UM(P)-262 estbl'd; GND-6000' (N53 E027). **E LO-10.**

UM(P)-263 estbl'd; GND-5550' (N51 E028). **E LO-10.**

UM(P)-264 estbl'd; GND-5550' (N55 E028). **E LO-10,**

**E LO-9.**

UM(P)-266 estbl'd; GND-4000' (N52 E028). **E LO-10.**

UM(P)-267 estbl'd; GND-4000' (N54 E026). **E LO-10.**

UM(P)-268 estbl'd; GND-4000' (N55 E027). **E LO-10,**

**E LO-9.**

UM(P)-270 estbl'd; GND-FL95 (N53 E026). **E LO-10.**

**BELGIUM****ATS ROUTES changed:**

L191 estbl'd, PEVAD NCRP at N5116.5 E00403.3  
- Nicky VORDME (NIK) NCRP , 144°/324°,  
8NM, MEA FL60, one-way N-bound (N51 E004).  
**EBBR 10-1.**

M624, Nicky VORDME (NIK) - TRARE, withdrawn  
(N51 E004). **EBBR 10-1.**

Y28, JAZFI NCRP estbl'd at N5105.7 E00402.1;  
Brussels VORDME (BUB) - JAZFI, 302°, 22NM;  
JAZFI - HELEN, 324°, 11NM. **EBBR 10-1.**

KLEINE BROGEL CTA estbl'd, 4500'-FL95. (N51  
E004). **EBBR 10-1.**

**CANARY IS****ATS ROUTES changed:**

A873, ODEGI (N2653.7 W01617.4) to Gran  
Canaria VORDME (GDV), cruising levels chgd to  
standard. **A HL-1.**

B600, Gran Canaria VORDME (GDV) - ROTUM,  
CDR 1 (N28 W015). **A HL-1.**

B600, Gran Canaria VORDME (GDV) to Dakhla  
VORDME (DKH), cruising levels chgd to  
NON-standard, EVEN levels S-bound (N28  
W015). **A HL-1.**

G5, PUCLO (N2542.6 W01835.8) to Gran Canaria  
VORDME (GDV), CDR 1. **A HL-1.**

G851, LOMAS (N2743.2 W01541.5) to CABOJ,  
CDR 1. **A HL-1.**

H770, LIMAL (N2500.0 W01737.5) to Tenerife Sur  
VORDME (TFS), CDR1. **A HL-1.**

H770, VIDRI (N2653.7 W01702.4) - Tenerife-South  
VORDME (TFS), cruising levels chgd to standard,  
EVEN-lvls N-bound; LIMAL - VIDRI, cruising  
lvls chgd to NON-standard, EVEN-lvls S-bound.  
**A HL-1.**

UM660, Gran Canaria VORDME (GDV) - ROTUM,  
CDR 1 (N28 W015). **A HL-1.**

UM660, Gran Canaria VORDME (GDV) to Dakhla  
VORDME (DKH), cruising levels chgd to  
NON-standard, EVEN levels S-bound (N28  
W015). **A HL-1.**

UN728, LOMAS (N2743.2 W01541.5) to CABOJ,  
CDR 1. **A HL-1.**

UN729, Gran Canaria VORDME (GDV) to CABEL,  
CDR 1 (N28 W015). **A HL-1.**

UN857, Lanzarote VORDME (LZR) to BIPET, CDR  
1 (N29 W013). **A HL-1.**

UN871, APASO (N2500.0 W01930.3) to Gran  
Canaria VORDME (GDV), CDR 1. **A HL-1.**

UT770, LIMAL (N2500.0 W01737.5) - VIDRI,  
cruising levels chgd to NON-standard, ODD  
levels N-bound. **A HL-1.**

UT770, Tenerife Sur VORDME (TFS) to LIMAL,  
CDR 1 (N28 W016). **A HL-1.**

UY422 extended; GOMER NCRP at N2800.0  
W01720.0 - URQUL, 172°/352°, 68NM, MEA  
FL200, CDR 2. **A HL-1.**

UY422, GOMER (N2800.0 W01720.0) - BIPET, CDR  
1. **A HL-1.**

UY611, El Hierro NDB (HIE) to CABOJ, CDR 1 (N27  
W017). **A HL-1.**

UZ27, ODEGI (N2653.7 W01617.4) - BIPET, CDR  
1. **A HL-1.**

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UZ353, ROTUM (N2500.0 W01547.2) - ODEGI, CDR 1. **A HL-1.**

VIDRI (N2653.7 W01702.4) renamed URQUI. **A HL-1.**

## CYPRUS

## ATS ROUTES changed:

M13, RUDER (N3457.2 E03407.5) - BAPAX, chgd to one-way N-bound. **CCN 303, ME HL-1, ME HL-2.**

GRID MORA (N33-N34/E033-E034) should read 2000'. **CCN 303.**

GRID MORA (N35-N36/E032-E033) should read 6600'. **CCN 303.**

## CZECHIA

## ATS ROUTES changed:

Z39, GOSEK replaced by APRAQ NCRP at N4938.9 E01407.4; IPDUL - APRAQ, 036°, 18NM. **E LO-11.**

## EGYPT

## ATS ROUTES changed:

A727; Abu Simbel VORDME (SML) to Cairo VORDME (CVO), N-bound MAA FL250, Cairo VORDME (CVO) to Alexandria VORDME (NOZ), SE-bound MAA FL250, Alexandria VORDME (NOZ) to GESAD chgd to two-way, NW-bound MAA FL280, SE-bound MAA FL250 (N22 E031). **A HL-2.**

L300, OTEMO CRP estbld at N2503.7 E03508.2, GIBAL - OTEMO - MEMPO, 83/70NM, ufn. **A HL-2.**

L315, SOBEL (N2650.2 E03410.7) - Hurghada VORDME (HGD) chgd to two-way, 311°/131°; Hurghada VORDME to Cairo VORDME (CVO), MEA FL100. **A HL-2.**

L604, IVOTI CRP estbld at N2554.7 E03408.4, ASRAB - IVOTI - LORAS, 56/17NM, ufn. **A HL-2.**

M686, OTEMO CRP estbld at N2503.7 E03508.2, GIBAL - OTEMO - MEMPO, 83/70NM, ufn. **A HL-2.**

R650, ORBIB CRP estbld at N2626.9 E03325.9, ASRAB - ORBIB - KUSAT, 43/23NM, ufn. **A HL-2.**

T55 extended; NABED - ORBIB CRP at N2626.9 E03325.9, 125°, 80NM; ORBIB - IVOTI CRP at N2554.7 E03408.4 - Marsa Alam VORDME (MAK) CRP, 126°, 50/30NM; Marsa Alam VORDME - OTEMO CRP at N2503.7 E03508.2 - DEDLI, 131°, 44/196NM; NABED to DEDLI, one way SE-bound, MEA FL310, ufn. **A HL-2.**

T565, RASDA (N3306.0 E03057.0) to RAKMU withdrawn. **A HL-2, ME HL-2.**

## FINLAND

FRA waypoints ABURO (N6617.9 E02826.6) and EPAXU (N6110.2 E02134.5) withdrawn. **E LO-7, E LO-8.**

FRA waypoints estbld: ARFUT at N6619.0 E02622.2, KEFFA at N6118.1 E02111.6, MARXO at N6636.3 E02644.9, NIFOT at N6108.6 E02139.1, OBISO at N6621.0 E02839.3, SIGGE at N6122.4 E02825.5 and VEHUF at N6046.2 E02606.3. **E LO-7, E LO-8.**

GRID MORA (N63-N64/E024-E025) chgd to 2500'. **E LO-8.**

## FRANCE

## ATS ROUTES changed:

A1, [SPR29] (N4603.8 E00649.7) renamed WEBCA, [SPR20] renamed ODNUP and [TMA32] renamed SOFIK. **LIMC 10-1.**

A3, Saint Tropez VORDME (STP) to MILNO, MEA FL70 (N43 E006). **LFMN 10-1, LFML 10-1, E LO-5.**

A9, TORTU (N4323.3 E00857.5) to SUDAS, MEA FL70. **E LO-5.**

A32, Calvi Sainte Catherine NDB (CV) to MERLU, MEA FL70 (N42 E008). **E LO-5.**

A34, Agen VORDME (AGN) to LACOU, cruising levels chgd to NON-standard, EVEN levels N-bound (N43 E000). **LFBO 10-1.**

B37, [PAS1A] (N4603.9 E00618.3) renamed EMGUT, [PAS21] renamed PADCA and [PAS31] renamed NIFKU. **LIMC 10-1.**

B384, Perpignan Rivesaltes VORDME (PPG) - ALBER, cruising levels chgd to NON-standard, ODD levels S-bound (N42 E002). **LEBL 10-1.**

G5, AUICHE (N4339.1 E00033.5) to DEPUL, cruising levels chgd to NON-standard, EVEN levels NE-bound. **LFBO 10-1.**

G17, Lembeye VOR (LMB) to Agen VORDME (AGN), cruising levels chgd to NON-standard, EVEN levels NE-bound (N43 E000). **LFBO 10-1.**

G39, Montpellier Mediterranee VORDME (FJR) to AFRIC, withdrawn (N43 E003). **E LO-5.**

G116, NIRDO (N4308.7 E00826.1) - NORKA, MEA FL70. **E LO-5.**

G374, SODRI (N4300.8 E00822.3) - DIVUL, MEA FL70. **LFMN 10-1, LFML 10-1, E LO-5.**

G393 extended; Montpellier Mediterranee VORDME (FJR) - BRUSC NCRP, 284°/104°, 43NM; BRUSC - AFRIC CRP, 283°/103°, 7NM (N43 E003). **E LO-5.**

G701, Le Luc Le Cannet VORDME (LUC) - Nice Cote D'Azur NDB (MUS), withdrawn (N43 E006). **LFMN 10-1, LFML 10-1, E LO-5.**

G701, Marseille Provence NDB (MJ) replaced by LACAZ CRP at same position; Martigues VORDME (MTG) to TRETTS, MOCAs withdrawn (N43 E005). **LFMN 10-1, LFML 10-1, E LO-5.**

G702, EVIRI (N4303.2 E00905.0) - AKUTI, MEA FL70. **E LO-5.**

M622, Ajaccio-Coti Chiavari VORDME (AJO) to MERLU, MEA FL70; MERLU (N4304.8 E00747.6) to PIGOS, MEA FL140; PIGOS - Nice Cote D'Azur VORDME (NIZ), MEA FL180. **LFMN 10-1, LFML 10-1, E LO-5, LFKJ 10-1.**

M623, EBORA (N4319.7 E00721.8) - OMARD, MEA FL150; OMARD to PELOS, MEA FL70. **LFMN 10-1, LFML 10-1, E LO-5.**

N86, ADUDU (N4320.7 E00711.4) to EPOLO, MEA FL70. **LFMN 10-1, LFML 10-1, E LO-5.**

N163, OMARD (N4306.3 E00735.5) - EPOLO, MEA FL70. **LFMN 10-1, LFML 10-1, E LO-5.**

N736, IVLAM (N4347.4 E00731.8) to PIGOS, MEA FL150. **LFMN 10-1, LFML 10-1, E LO-5.**

N852, EXHOM NCRP estbld at N4912.9 E00633.9, AKELU - EXHOM - Grostenquin VORDME (GTQ), 10/15NM. **E LO-3, E LO-4, EDDF 10-1.**

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P856, GILON (N4326.7 E00606.9) to NIRDO, MEA FL150; NIRDO - EVIRI, MEA FL70. **LFMN 10-1, LFML 10-1, E LO-5.**

Q302, Marseille Provence NDB (MJ) replaced by LACAZ CRP at same position (N43 E005). **LFMN 10-1, LFML 10-1, E LO-5.**

R16, KERIT (N4320.5 E00835.6) - PIRAM, withdrawn; GIRAG to KERIT, MEA FL70. **E LO-5.**

T258, USAKU (N4337.5 E00028.3) to LACOU, cruising levels chgd to NON-standard, EVEN levels N-bound. **LFBO 10-1.**

T259, DISIS (N4332.5 E00012.9) - SECHE, cruising levels chgd to NON-standard, EVEN levels N-bound. **LFBO 10-1.**

V36, EQRAZ NCRP estbld at N4853.3 E00624.9, GIVOR - EQRAZ - SORAL, 13/14NM. **E LO-3, E LO-4.**

W54, Saint Tropez VORDME (STP) to Ajaccio-Coti Chiavari VORDME (AJO), MEA FL70 (N43 E006). **LFMN 10-1, LFML 10-1, E LO-5, E LO-6, LFKJ 10-1.**

Y15, RAPED (N4322.4 E00653.6) - XAMAL, MEA FL150. **LFMN 10-1, LFML 10-1, E LO-5.**

Y16, Calvi Sainte Catherine NDB (CV) to MEGER, MEA FL70 (N42 E008). **E LO-5.**

Z152, Marseille Provence NDB (MJ) replaced by LACAZ CRP at same position (N43 E005). **LFMN 10-1, LFML 10-1, E LO-5.**

Z154, Ajaccio-Coti Chiavari VORDME (AJO) to TINOT, MEA FL70 (N41 E008). **LFMN 10-1, LFML 10-1, E LO-5, E LO-6, LFKJ 10-1.**

**ATS ROUTES (undesigned) changed:**

MARSEILLE PROVENCE NDB (MJ) replaced by LACAZ CRP at same position; POMEQ - LACAZ, withdrawn (N43 E005). **LFMN 10-1, LFML 10-1, E LO-5.**

BEAUVAIS TILLE VORDME (BOV) 109.65 cmsnd at N4926.2 E00209.2. **LFPO 10-1, E LO-3.**

CARCASSONNE SALVAZA DME (CS) decmsnd. (N43 E002). **LFBO 10-1.**

LF(P)-11 estbld; GND-3000' (N45 E005). **LSGG 10-1, LFLL 10-1, E LO-5, E LO-4.**

LF(P)-14 estbld; GND-4000' (N45 E005). **LFLL 10-1, E LO-5.**

LF(P)-42 estbld; GND-FL55 (N48 E004). **E LO-4.**

LF(P)-50 estbld; GND-3300' (N44 E001). **E LO-5.**

OBANE NDB (OB) name should read Marseille Provence (N43 E005). **E LO-5.**

SAINTE LEOCADIE Lctr (SAL) 418 cmsnd at N4226.8 E00200.8. **LEBL 10-1.**

**GERMANY**
**ATS ROUTES changed:**

M726, BETOS NCRP estbld at N4804.1 E01121.0; KONIN - BETOS, 353°, 13NM; BETOS - Maisach VORDME (MAH), 349°/(170°), 12NM, MEA 5000'; OKKOC NCRP estbld at N5050.7 E01109.3; NARUS - OKKOC - LASTO, 11/17NM. **E LO-4, E LO-11, E LO-12.**

M736, GUGSU NCRP (N5226.4 E01152.3) withdrawn; SOGMA - BUREL, 18NM. **E LO-10, E LO-11.**

P203, BUREL (N5220.7 E01151.3) - Hehlingen VORDME (HLZ), MEA FL120. **E LO-10, E LO-11.**

P605, Leine VORDME (DLE) to AGATI, MEA 5000'. (N52 E009) **E LO-10, E LO-11.**

Q201, BRANE (N5229.0 E01233.7) to POVEL withdrawn. **E LO-10, E LO-11.**

Q201, BUREL (N5220.7 E01151.3) - POVEL, MEA FL120. **E LO-10, E LO-11.**

Q246, PIKIB (N5053.6 E01342.6) - RIKLU, withdrawn. **E LO-11.**

T101 extended; ANDEC NCRP - BETOS NCRP at N4804.1 E01121.0, 360°, 11NM, one-way N-bound, cruising levels NON-standard, EVEN levels N-bound. **E LO-4, E LO-12.**

T103 extended; DISUN NCRP - BETOS NCRP at N4804.1 E01121.0, 035°, 16NM, MEA 5000', one-way NE-bound. **E LO-4, E LO-12.**

T104 extended; Walda VORDME (WLD) NCRP - ROKIL NCRP at N4830.8 E01111.8, 144°, 5NM, MEA 5000', one-way SE-bound. **E LO-4, E LO-12.**

T106, UNKOM and MITNU withdrawn; KUFUZ NCRP estbld at N4845.9 E01231.6; NETES - KUFUZ, 201°, 9NM; KUFUZ - TUSTO, 196°, 10NM; NETES to TUSTO, MEA 5000', one-way SW-bound. **E LO-11, E LO-12.**

T107 extended; GESLU NCRP (N4827.7 E00941.3) - LURER NCRP at N4827.8 E01036.1, 087°, 36NM, MEA 6000'; LURER - LELTA NCRP at N4829.6 E01057.3 - ROKIL NCRP at N4830.8 E01111.8, 079°, 14/10NM, MEA 5000'; GESLU to ROKIL, one-way E-bound. **E LO-4, E LO-12.**

T110 extended; BAMTA NCRP - ROSAB NCRP at N4838.0 E01248.9, 202°, 7NM; ROSAB - BINGU NCRP, 260°, 8NM; BAMTA to BINGU, MEA 5000', one-way SE-bound. **E LO-12.**

T278, MASEK (N5043.8 E00935.9) to Klasdorf VORDME (KLF), cruising levels chgd to Standard, ODD levels NE-bound; RELKO to RUDAK, MAA withdrawn, upper limit FL660. **E LO-11.**

T466 estbld; RENLO NCRP (N4846.5 E01103.7) - ROKIL NCRP at N4830.8 E01111.8, 158°, 17NM, MEA 5000', one-way SE-bound. **E LO-4, E LO-12.**

T468 estbld; MERSI NCRP (N4758.9 E01102.6) - BETOS NCRP at N4804.1 E01121.0, 064°, 13NM, MEA 5000', one-way NE-bound. **E LO-4, E LO-12.**

T474 estbld; IBESA NCRP (N5029.7 E00620.0) - HEFOP NCRP at N5047.3 E00630.0, 017°, 19NM, MEA FL190, MAA FL660; HEFOP - NAZAF NCRP at N5057.4 E00612.1, 309°, 15NM, MEA 4000', MAA FL 240; NAZAF - DIBIRNCRP - VEBAK NCRP - Niederrhein NDB (LAA) NCRP, 349°/035°/320°, 20/14/11NM, MEA 4000', MAA FL190; IBESA - HEFOP, DIBIR - VEBAK, one-way NE-bound; HEFOP to DIBIR, VEBAK - Niederrhein NDB (LAA), one-way, cruising levels NON-standard, ODD levels NW-bound. **EHAM 10-1, EBBR 10-1.**

T560 estbld; AVESA NCRP (N5317.6 E00809.5) - GIBMA NCRP, 099°, 23NM, MEA 5000', one-way SE-bound. **E LO-10.**

T884, NEREL (N5105.3 E00633.8) - AGENI, redesignated T855. **EBBR 10-1.**

T911, TANJO NCRP estbld at N5056.4 E00726.6); LIPMI - TANJO - Cola VORDME (COL), 13/11NM. **E LO-3, EDDF 10-1.**

**EUROPE - MEDITERRANEAN**

UQ162, DAMJA NCRP estbld at N4918.1 E01045.9; ERMEL - DAMJA - SPESA, 298°, 13/65NM. **E LO-11, EDDF 10-1.**

Y110, Kempten VORDME (KPT) - ATMAX redesignated Z999 (N47 E010). **E LO-4.**

Y161, RIXED (N4849.8 E01025.1) - ELVAG, MAA withdrawn, upper limit FL660. **E LO-4, E LO-11.**

Y200, BRANE (N5229.0 E01233.7) to Hehlingen VORDME (HLZ), withdrawn. **E LO-10, E LO-11.**

Y200, GUGSU (N5226.4 E01152.3) - Hehlingen VORDME (HLZ), MEA FL120. **E LO-10, E LO-11.**

Y206, GERGA (N5236.2 E01401.7) to ARSAP, withdrawn. **E LO-8, E LO-10, E LO-11.**

Y225, NENAN replaced by OKKOC NCRP at N5050.7 E01109.3; NEVKO - OKKOC - TAMEB, 6/16NM. **E LO-11.**

Y243 estbld; POVEL NCRP (N5207.7 E01049.7) - NORTA NCRP, 244°, 41NM, MEA FL110, one-way SW-bound. **E LO-11.**

Y853 estbld; ZELTI NCRP (N5108.7 E00609.9) - LEBTI NCRP at N5108.0 E00644.0, 089°, 22NM, MEA 4000', one-way E-bound. **EBBR 10-1.**

Y862 extended; KENUM - NAZAF NCRP at N5057.4 E00612.1, 352°, 14NM, one-way NW-bound, cruising levels NON-standard, ODD levels. **EBBR 10-1, E LO-3.**

Z79, ALOHE estbld at N4824.2 E00927.7; KUNOD - ALOHE, 298°, 7NM; ALOHE - SUDEN, 357°, 8NM. **E LO-4.**

Z94, NENAN replaced by OKKOC NCRP at N5050.7 E01109.3; Erfurt VORDME (ERF) - OKKOC, 204°/023°, 7NM; OKKOC - BAMKI, 210°/030°, 9NM. **E LO-11.**

Z115, BRANE (N5229.0 E01233.7) - UBIGI, withdrawn. **E LO-10, E LO-11.**

Z715, PIKIB (N5053.6 E01342.6) - RIKLU, chgd to two-way, 055°/235°. **E LO-11.**

BERLIN TEGEL CTR withdrawn. (N52 E013) **E LO-8, E LO-10, E LO-11.**

BERLIN-TEGEL Class 'C' and 'E' airspace withdrawn. (N52 E012) **E LO-8, E LO-10.**

COCHSTEDT CTR withdrawn. (N51 E011) **E LO-11.**  
LURER HOLDING estbld (N4827.8 E01036.1), inbound track 087°, RIGHT turns, MHA 6000'. **E LO-4.**

**GREECE**
**ATS ROUTES changed:**

UM1, ARLOS (N3437.5 E02300.0) - Sitia VORDME (SIT), CDR 1. **A HL-2.**

HELLAS UIR upper limit FL660 class (C) instead of FL460 class (C). **A HL-1/COVER PANEL.**

**INDONESIA**
**ATS ROUTES changed:**

B466 BOSTI NCRP redesign CRP (N05 E097). **ME HI-2.**

G461 PAGAI - Palembang (PLB) VOR MEA 11500; PIALA - Surabaya (SBR) VOR MEA FL135 (S02 E099). **ME H/L-2.**

W11 estbld one-way NW-bnd Bandung (BND) VOR - Cengkareng (CKG) VOR 305°, 72 NM, MEA 9000. TUNDA renamed ALADO. TALAM renamed NONAP. JAMIS renamed NOKEL. Medan (MDN) VOR to Banda Aceh (BAC) VOR MEA 10000 (S00 E100). **ME H/L-12.**  
Z669 AGIMU - DEKAI STANDARD Cruise Levels (S04 E139). **AS H/L-2.**

**IRAN**
**ATS ROUTES changed:**

G208, ALRAM (N3742.5 E04437.6) - Uromiyeh VORDME (UMH), closed ufn. **ME HL-1.**

M317, DASIS (N3854.5 E04412.5) to RABEM, closed ufn. **ME HL-1.**

P/UP574, Noshahr VORDME (NSR) to Tehran VORDME (TRN), closed ufn (N36 E051). **ME HL-1.**

T202, DASDO (N2854.0 E05205.9) - MIDSII, closed ufn. **ME HL-2.**

T210, RADAL (N3454.4 E05220.4) - Rudeshur VORDME (RUS), closed ufn. **ME HL-1.**

UROMIYEH [UMH] replaced by Uromiyeh VORDME (UMH) 113.5 at same position. (N37 E045). **ME HL-1.**

**IRAQ**

OR(P)-101 upper limit FL270 (N31 E044). **ME HL-2.**

OR(P)-201 upper limit FL270 (N32 E044). **ME HL-2.**

OR(P)-202 upper limit 3000' (N32 E044). **ME HL-2.**

OR(P)-303 upper limit 3000' (N33 E044). **ME HL-2.**

OR(P)-401 upper limit FL270 (N34 E043). **ME HL-1.**

**IRELAND**
**ATS ROUTES changed:**

Q37, Killiney NDB (KLY) - BOFUM, MOCA 5000' (N53 W006). **E LO-2.**

**ISRAEL**
**ATS ROUTES changed:**

J14, BAQQA renamed MOCEV, DALCA replaced by GAFAZ NCRP at N3233.7 E03517.5 and NILQI replaced by FOLKU CRP at N3243.3 E03531.2. **LLBG 10-1.**

Q17, BAQQA renamed MOCEV (N32 E035). **LLBG 10-1.**

T80, MIRTHA (N3119.3 E03505.2) - OBAKO, MEA 11000'. **LLBG 10-1.**

**ITALY**
**ATS ROUTES changed:**

L612, UPXUF CRP estbld at N4535.5 E01108.6; ADOSA - UPXUF - ALBET, 6/18NM; ADOSA - UPXUF chgd to two-way, 121°/301°. **CCN 313.**

M135, LURAG (N4531.7 E00705.3) - VEROB, MEA FL160, chgd to two-way, 137°/317°. **LIMC 10-1, E LO-5, E LO-4.**

M623 estbld; PELOS CRP (N4109.7 E00809.7) - MINKA CRP, 122°, 38NM, MEA FL110, MAA FL300, one-way S-bound. **E LO-6.**

M978, DOBIX (N3630.0 E01207.6) - SONAK, MEA FL120. **A HL-2, E LO-14.**

M979, SONAK (N3637.2 E01130.0) - DINUX, MEA FL120. **A HL-2, E LO-14.**

## EUROPE - MEDITERRANEAN

N850, LESAN (N4446.5 E00848.7) renamed KEMMI. **LIMC 10-1.**

Q712, LESAN (N4446.5 E00848.7) renamed KEMMI. **LIMC 10-1.**

T132, ROTAR (N4515.8 E01259.7) - ROSKA, chgd to two-way, 297°/117°, MEA FL100. **E LO-12, E LO-13.**

Y74 estbld; UNITA CRP - OZMICK CRP at N4336.0 E00812.9, 239°, 41NM, MEA FL110, one-way SW-bound, CDR 3. **E LO-5.**

APULIA CTR withdrawn. (N41 E017) **E LO-14.**

BARI CTR estbld, GND-2000'. (N41 E017) **E LO-14.**

BIELLA NDB (BLA) decmsnd. (N45 E008) **LIMC 10-1, E LO-5.**

BIELLA VORDME (BLA) decmsnd. (N45 E008) **LIMC 10-1, E LO-5.**

BRINDISI CTR estbld, GND-1500'. (N40 E018) **E LO-14.**

PERDASDEFOGU TACAN (PED) decmsnd (N39 E009). **E LO-6.**

TARQUINIA NDB (TAQ) decmsnd. (N42 E011) **LIRF 10-1.**

## JORDAN

QUEEN ALIA NDB (QA) decmsnd (N31 E036). **ME HL-2.**

## KUWAIT

## ATS ROUTES changed:

A788, SOROR (N2834.3 E04739.5) - Wafra VORDME (KFR), 073°/(253°). **ME HL-7B, ME HL-2.**

B417, BONIM (N2859.5 E04729.4) - Kuwait VORDME (KUA), 054°/(234°); ALVIX replaced by ALVAX NCRP at N2920.5 E04824.4 and LOVAR replaced by EGVAL CRP at N2924.8 E04845.8. **ME HL-7B, ME HL-2.**

G667, KATOD (N2831.7 E04755.9) - Wafra VORDME (KFR), 011°/191° and Kuwait VORDME (KUA) - RALKA, 055°/235°. **ME HL-2.**

G669, ASPEL replaced by BUBER NCRP at N2911.3 E04700.9; SOLAT to Kuwait VORDME (KUA), 082°/262°; SESRA replaced by SESRU CRP at N2909.0 E04854.8. **ME HL-7B, ME HL-2.**

G782, KATOD (N2831.7 E04755.9) - Wafra VORDME (KFR), 011°/191°. **ME HL-2.**

M677, SESRA replaced by SESRU CRP at N2909.0 E04854.8. **ME HL-7B/(to-note), ME HL-2.**

N302, ALVIX replaced by ALVAX NCRP at N2920.5 E04824.4. **ME HL-2.**

P975, LOVAR replaced by EGVAL CRP at N2924.8 E04845.8 and SESRA replaced by SESRU CRP at N2909.0 E04854.8. **ME HL-7B/(to-note), ME HL-2.**

KUWAIT VORDME (KUA) freq/coords chgd to 114.15 at N2914.9 E04757.3. **ME HL-7B, ME HL-2.**

## LATVIA

JAUNSVIRLAUKA DME (JVL) CH37X (110.0) cmsnd at N5630.3 E02355.7. **E LO-10, E LO-9.**

RAISKUMS DME (RSK) CH33Y (109.65) cmsnd at N5718.7 E02509.3. **E LO-9.**

RUDBARZHI DME (RDB) CH45X (110.8) cmsnd at N5638.4 E02153.6. **E LO-10, E LO-9.**

## LIBYA

## ATS ROUTES changed:

A18, DERJE (N2947.7 E01119.0) - ZARZAITINE VORDME (IMN), 039°/219°. **A HL-2.**

A411, PRAWN (N3240.0 E01805.0) - BENINA VORDME (BNA), 103°/284°; BENINA VORDME - MKILY, 091°/272°. **A HL-2.**

M1, REDFI (N3320.5 E02054.7) - WHALE, 205°/025°; WHALE - BENINA VORDME (BNA), 199°/019°. **A HL-2.**

T295, SHELL (N3320.4 E01315.5) - NAWRS, MEA FL70. **A HL-2.**

UN163, TAWUS CPR estbld at N3152.3 E01317.6; Abu Argub VORDME (ABU) - TAWUS - Gheriat NDB (GRT), 36/90NM. **A HL-2.**

V100, CIBIA (N3240.2 E01601.2) to DOLFI, 064°/244°. **A HL-2.**

V300, HAMOR (N3209.0 E01824.0) to MISRATA VORDME (MIS), MEA FL130. **A HL-2.**

V400, TRIPOLI VORDME (TPI) - KHOMS, MEA FL70 (N32 E013). **A HL-2.**

V500, KADRA NDB (KDR) to ZWARA NDB (ZAR), MEA FL70 (N32 E015). **A HL-2.**

V600, ABU ARGUB VORDME (ABU) - RHYAN, MEA FL70 (N32 E013). **A HL-2.**

V700, ABU ARGUB VORDME (ABU) - TAWUS, MEA FL70 (N32 E013). **A HL-2.**

V800, ABU ARGUB VORDME (ABU) - UBARI NDB (UBR), MEA FL70 (N32 E013). **A HL-2.**

V900, ABU ARGUB VORDME (ABU) - SAKKR, MEA FL70 (N32 E013). **A HL-2.**

V950, UKSAG (N3304.8 E01245.5) - CONCH, 111°/292°. **A HL-2.**

W860, MITIGA VORDME (MTG) to MISRATA VORDME (MIS), MEA FL70; MITIGA VORDME - KHOMS, 108°/288°; CILBA - MARSА BREGA NDB (MB), 112°/293°; (N32 E013). **A HL-2.**

W861, LABRAQ NDB (LAB) - BENINA VORDME (BNA) 245°/063°; SIRTE VORDME (SRT) - TAMIT, 248°/069°; (N32 E022). **A HL-2.**

Z178, RASNO (N3420.0 E02128.0) - LABRAQ NDB (LAB), MAA withdrawn; cruising levels STANDARD, EVEN lvls NW-bound. **A HL-2.**

BENGHAZI TMA renamed BENINA TMA (N32 E020). **A HL-2.**

HL(P)-AREA estbld, GND-45000'. (N32 E011). **A HL-2, HLLT 10-1.**

JUFRA VOR (JUF) decmsnd. (N29 E015). **A HL-2.** NDBs within Tripoli FIR decmsnd:

AMAL NDB (VA) (N29 E021)

BENI WALID NDB (WLD) (N31 E014)

BOOSTER NDB (XY) (N29 E023)

BU ATTIFEL NDB (ZT) (N28 E022)

EDDIB NDB (VG) (N28 E017)

EL SHARARA NDB (ROO) (N26 E012)

ESSIDER NDB (OJ) (N30 E018)

GIALO NDB (GAL) (N28 E021)

GIALO NDB (OB) (N28 E021)

HAMADA NDB (CW) (N29 E012)

HATEIBA NDB (KH) (N29 E019)

KUFRA NDB (KFR) (N24 E023)

N 29C NDB (STF) (N29 E017)

NAFOORA NDB (OV) (N29 E021)

## EUROPE - MEDITERRANEAN

OXY NDB (OXY) (N29 E020)  
 RAGUBA NDB (RAG) (N29 E019)  
 RAS LANUF NDB (VR) (N30 E018)  
 SABAH NDB (PRB) (N28 E018)  
 SAHIL NDB (SAH) (N29 E020)  
 SAMAH NDB (OA) (N28 E019)  
 SEBHA NDB (SEB) (N27 E014)  
 SIRTE NDB (SRT) (N31 E016)  
 TAGRIFT NDB (VH) (N29 E018)  
 TEBESTY NDB (VO) (N28 E019)  
 Wafa NDB (WF) (N28 E010)  
 WAHA NDB (OR) (N28 E019)  
 ZELLA NDB (PRC) (N28 E017)  
 ZELTEN NDB (ZEL) (N26 E019)  
 ZUEITINA NDB (ZUE) (N30 E020). **A HL-2.**  
 TOBRUK CTR estbld; GND-5000' (N31 E023).  
**A HL-2.**

## LITHUANIA

## ATS ROUTES changed:

L33, LAKOD (N5439.1 E02245.3) - UPASI, 100°/278°. **E LO-10.**  
 L72, RUSNE (N5514.1 E02126.3) - ROLAV, 048°/225°. **E LO-10, E LO-9.**  
 L97, RUSNE (N5514.1 E02126.3) - IRBEX, 055°/230°. **E LO-10, E LO-9.**  
 L733, OTVOV (N5528.5 E02017.5) - ASKOR, 049°/226°. **E LO-10, E LO-9.**  
 L736, TOTRA (N5526.6 E02246.3) - PODIL, 092°/268°. **E LO-10, E LO-9.**  
 M155, AGASA (N5546.9 E02026.2) - XARIN, 057°/235°. **E LO-10, E LO-9.**  
 M865, TIGNU (N5536.2 E01950.3) - BATKU, 083°/266°. **E LO-10, E LO-9.**  
 M874, KRAKI (N5456.5 E02244.1) - ELEKA, 091°/268°. **E LO-10.**  
 M996, TIRIN (N5604.0 E02044.9) - MANUX, 112°/290°. **E LO-10, E LO-9.**  
 N9, BATKU (N5527.6 E02633.1) - ESARA, 269°/086°. **E LO-10, E LO-9.**  
 N183, BALIT (N5548.6 E01950.5) - VAGIS, 100°/278°. **E LO-10, E LO-9.**  
 P141, EKLIN (N5619.4 E02136.5) - ZENIT, 120°/295°. **E LO-10, E LO-9.**  
 P156, MIRMA (5625.4 E02209.7) - BEGDA, 144°/322°. **E LO-10, E LO-9.**  
 Y344, ITVUL (N5508.5 E02143.0) - PODIL, 085°/260°. **E LO-10.**

ENROUTE HOLDING withdrawn at Klaipeda VORDME (KLP) (N55 E021). **E LO-10, E LO-9.**

## NETHERLANDS

## ATS ROUTES changed:

L19, TULIP (N5222.1 E00351.4) to MOLIX, withdrawn. **EHAM 10-1.**  
 L74, LARAS (N5150.1 E00441.8) - TULIP, withdrawn. **EHAM 10-1.**  
 L191 estbld; PEVAD NCRP at N5116.5 E00403.3 - VICOT NCRP at N5128.9 E00403.0, 358°, 12NM, MEA FL60, one-way N-bound. **EHAM 10-1, EBBR 10-1.**  
 M624, TRARE (N5117.2 E00409.2) - TOLEN, withdrawn. **EHAM 10-1, EBBR 10-1.**  
 N873, TOLEN replaced by VICOT NCRP at N5128.9 E00403.0; HELEN - VICOT - Stad NDB (STD), 16/17NM. **EHAM 10-1, EBBR 10-1.**

T604, HELEN replaced by DENUT NCRP at N5114.2 E00339.5; ALINA replaced by RIMBU NCRP at N5125.0 E00351.9; DENUT - RIMBU, 034°, 13NM; RIMBU - LIKDO, 075°, 26NM.

**EHAM 10-1, EBBR 10-1.**

Y28 estbld; HELEN NCRP at N5114.1 E00352.2 - RIMBU NCRP at N5125.0 E00351.9, 358°, 11NM, MEA FL60, one-way N-bound. **EHAM 10-1, EBBR 10-1.**

Z310, ORCAV NCRP estbld at N5158.4 E00502.1, BATAK - ORCAV - SUSET, 26/10NM. **EHAM 10-1.**

AMSTERDAM VOR (AMS) decmsnd (N52 E004). **EHAM 10-1.**

DEN HELDER VOR (HDR) decmsnd (N52 E004). **EHAM 10-1, E LO-2, E LO-10.**

EINDHOVEN NDB (EHN) decmsnd and replaced by EHOJI NCRP at same position (N51 E005). **EHAM 10-1, E LO-3.**

HAAMSTEDE VOR (HSD) decmsnd (N51 E003) **EHAM 10-1.**

PAMPUS VOR (PAM) decmsnd (N52 E005). **EHAM 10-1, E LO-10, E LO-3.**

SPIJKERBOOR VOR (SPY) decmsnd (N52 E004). **EHAM 10-1, E LO-2, E LO-10, E LO-3.**

STAD NDB (STD) decmsnd and replaced by DOFMU NCRP at same position (N51 E004). **EHAM 10-1, E LO-3.**

## NORWAY

## ATS ROUTES changed:

L39, Torp VORDME (TOR) - LINVI withdrawn (N59 E010). **E LO-7, E LO-10.**  
 L727, MOGLU (N5907.5 E01146.2) to PEMOV withdrawn. **E LO-7, E LO-9.**  
 P853, MOKAX NCRP estbld at N6904.5 E01955.5; Tromso VORDME (TRO) - MOKAX - RIXEM, 143°/323°, 43/19NM, MEA FL120. **ENDU 10-1.**  
 T311, NUVSA (N6104.5 E01128.9) - EGAGO withdrawn. **E LO-7.**  
 T399, MOKAX NCRP estbld at N6904.5 E01955.5; ABASU - MOKAX - KUNUB, 51/28NM. **ENDU 10-1.**  
 Torp VORDME (TOR) replaced by NEDZA NCRP at N5910.2 E01015.6. **E LO-1, E LO-7, E LO-9.**  
 Z201, EVABO NCRP (N6805.1 E01610.9) withdrawn; PENNO - Evenes VORDME (EVD), 015°/195°, 34NM. **ENDU 10-1, E LO-7.**  
 Z202, Stott NDB (STT) replaced by LURUX NCRP at same position (N66 E013). **E LO-7.**

STOTT NDB (STT) decmsnd. (N66 E013). **E LO-7.**

## OMAN

MUSCAT TMA upper limit FL150 Class 'C'. **ME HL-7A.**

## POLAND

## ATS ROUTES changed:

T205, EVGAG (N5154.4 E01515.2) - GOVEN, chgd to two-way, 293°/113°. **E LO-11.**  
 GRID MORA (N52-N53,E021-E022) chgd to 2400'. **E LO-10, E LO-11.**

## EUROPE - MEDITERRANEAN

WARSZAWA/OKECIE VORDME (OKC) 113.45  
cmsnd at N5210.2 E02057.6. **E LO-10, E LO-11.**

## PORTUGAL

## ATS ROUTES changed:

G851, TABOM replaced by FAGUT NCRP at  
N3206.6 W01628.3; Porto Santo VORDME (SNT)  
- FAGUT - ORTIS, 59/42NM. **A HL-1.**

Q/UQ147, ELBIM replaced by DEMZO NCRP at  
N3313.8 W01715.5; DEMZO - IRKID, 59NM.  
**CCN 307.**

Q207, NIKAV replaced by ILCAT NCRP at N3326.1  
W01702.9; IRSAN - ILCAT - PELUS, 32/1NM.  
**CCN 307.**

R1, MADAT (N3209.7 W01705.1) withdrawn,  
NELSO - Porto Santo VORDME (SNT), 101NM.  
**A HL-1.**

UL600, PELUS replaced by ILCAT NCRP at  
N3326.1 W01702.9; Porto Santo VORDME (SNT)  
- ILCAT - IRKID, 41/59NM. **A HL-1.**

UN975, CRPs estbld, RAKUN at N3333.4 W01546.9  
and FAGUT at N3206.6 W01628.3; RULET -  
RAKUN - Porto Santo VORDME (SNT) - FAGUT  
- ORTIS, 60/40/59/42NM. **A HL-1.**

W3, IRKID (N3355.5 W01804.2) to Porto Santo  
VORDME (SNT) realigned; IRKID - ILCAT NCRP  
at N3326.1 W01702.9 - Porto Santo VORDME  
(SNT), 59/41NM. **A HL-1.**

ARGA DME (DSA) CH99X (115.2) cmsnd at  
N4147.9 W00842.6. **E LO-5, E LO-6.**

ELRAD (N3330.5 W01619.9) withdrawn  
EVONI (N3211.8 W01610.7) withdrawn  
MAMUP (N3205.6 W01533.4) withdrawn  
TIGGI CRP estbld at N3558.0 W01056.1.  
**CCN 307.**

MONTIJO NDB (MIO) decmsnd (N38 W009).  
**E LO-6.**

XINGA HOLDING estbld (N3303.0 W01708.6),  
inbound track 092°, RIGHT turns, MHA FL150.  
**CCN 307.**

## QATAR

BAYAN HOLDING (N2529.4 E05148.8), MHA chgd  
to 10000'. **ME HL-7B.**

OT(P)-43, upper limit 15000' (N25 E051). **ME HL-7B.**

## RUSSIA

## ATS ROUTES changed:

L11 estbld; GATRI CRP (N6456.0 E02937.0) -  
NOKEZ NCRP at N6455.3 E03202.3, 078°/259°,  
62NM, MEA FL260, MOCA 3000T, MAA FL540.  
**E LO-8.**

L71, GITIL (N5811.5 E02847.0) - TULGI, 016°,  
MOCA 3000T. **E LO-9.**

L198 estbld; Velikiye Luki VORDME (WKL) NCRP -  
OPOKA CRP, 276°, 93NM, MEA FL260, MOCA  
3800T, MAA FL540; one-way W-bound (N56  
E030). **E LO-9.**

L254 estbld; VULEZ CRP at N6112.6 E02904.9  
- PETAP CRP, 147°/328°, 57NM, MEA FL60,  
MOCA 2800T, MAA FL540. **E LO-8.**

L260 estbld; OMZER CRP at N6033.7 E02750.8 -  
VEKIL NCRP, 072°, 40NM, MOCA 2700T; VEKIL  
- MURZU CRP at N6043.2 E03035.7, 074°,  
42NM, MOCA 3000T; MURZU - NEPEN CRP at  
N6049.6 E03528.7, 075°, 144NM, MOCA 3200T;  
OMZER to NEPEN, MEA FL250, MAA FL540,  
one-way E-bound. **E LO-8.**

L870, U MUTA (N5954.3 E03035.7) - BAPOK, MEA  
FL110. **E LO-9.**

M854 estbld; ROGID CRP (N6116.1 E03237.1) -  
KETOL CRP, 283°/102°, 80NM, MEA FL100,  
MOCA 2700T, MAA FL540. **E LO-8.**

M864, SUDER (N5607.8 E03033.4) - BOMGI, MEA  
FL60; EKPIR (N5601.7 E03947.4) - NENVA, MEA  
FL100. **E LO-9.**

N50, NUDKO (N5654.7 E03456.8) - PINOK,  
chgd to two-way, 350°/170°, cruising levels  
NON-standard, EVEN levels N-bound. **E LO-9.**

N609, KOGME NCRP estbld at N5740.2 E02804.2  
and OBBED NCRP at N5701.3 E03002.6;  
ORTOK - KOGME - UNPOR - OBBED - KUGEK,  
18/10/65/26NM. **E LO-9.**

P157, NHAZ NCRP estbld at N6057.8 E03138.2;  
RONBO withdrawn; OKDON (to-note) - ODOBA,  
MEA FL270; DISUP - NHAZ - MASIS - RILIR,  
11/30/35NM, MOCAs 2200T/2500T/2500T.  
**E LO-8.**

P164 extended; IBOGI (N5729.4 E03605.1) -  
DESUD, chgd to two-way, 279°/099°, MOCA  
2300T; DESUD - PINOK NCRP, 280°/100°,  
19NM, MEA FL140, MOCA 2300T; PINOK -  
ODATI CRP, 273°, 40NM, MEA FL80, MOCA  
2700T, one way W-bound. **E LO-9.**

P164, DESUD (N5736.2 E03530.9) - IBOGI, chgd  
to two-way, 099°/279°. **E LO-9.**

P853, RATLA (N6051.5 E02820.3) to AKARU,  
withdrawn. **E LO-8.**

T73, OKBAV NCRP estbld at N5853.4 E03309.9;  
LUPUN - OKBAV - NIRGI, 47/61NM, MOCAs  
3200T/3300T. **E LO-9.**

T73, PESIL (N5702.2 E03621.8) to NAMIN, MAA  
FL540. **E LO-9.**

T271, RUMOL (N5907.2 E03050.3) to KUGEK, MEA  
FL110. **E LO-9.**

T271, RUMOL (N5907.2 E03050.3) to KUGEK, MEA  
FL110. **E LO-9.**

T394, RODUK (N5801.5 E02909.7) - ABMIS, 231°/  
050°, chgd to two-way. **E LO-9.**

T561, ODATI (N5752.3 E03346.0) - UDAPI, MEA  
FL140. **E LO-9.**

T561, UBONA (N5223.4 E03706.6) to GODBI,  
chgd to two-way; UBONA to BOGTO, 326°/145°;  
BOGTO - OBARO, 325°/145°; OBARO - GODBI,  
325°/144°. **E LO-9.**

T652 estbld; TALER CRP (N5911.2 E02753.4) -  
OBANA CRP, 064°, 19NM, MEA FL60, MOCA  
3000T, one-way E-bound. **E LO-9.**



## EUROPE - MEDITERRANEAN

T693, VUDGE NCRP estbld at N6234.2 E03159.2, NOKEZ NCRP estbld at N6455.3 E03202.3 and extended; AGMUT NCRP - ATROB NCRP, 008°, 71NM, MOCA 3200T; ATROB - NELUM, 008°, 69NM, MOCA 3200T; NELUM - ADOGI, 010°, 52NM, MOCA 2700T; AGMUT to ADOGI, MEA FL160, one-way N-bound; DISUP to UMDEL, MEA FL80; BEMOT - VUDGE - LULOR, 18/10NM; PESOB to PILAN, EVEN lvs N-bound; DOBAM - NOKEZ - OTMOL, 91/38NM, MOCAs 3500T/2800T; ESOGA - ASGOR, EVEN lvs N-bound. **E LO-7, E LO-8, E LO-10, E LO-9.**

T751, OBBED NCRP estbld at N5701.3 E03002.6; ATROB - OBBED - GUBIT, 26/5NM. **E LO-9.**

T758, RODUK (N5801.5 E02909.7) to IRBUN, MEA FL80. **E LO-9.**

T779, AMSAL (N5514.5 E03303.7) to NUTKI, MEA FL180; NUTKI (N5511.4 E03453.5) - BILRU, MEA FL140. **E LO-9.**

T782 realigned; OKMIT (N5738.4 E02907.2) - BEPUT CRP, 358°, 6NM; BEPUT - RODUK NCRP, 353°, 17NM; RODUK - ASNIL, 347°, 9NM; OKMIT to ASNIL, MOCA 3000T; DITBI to RODUK and ASNIL - KOLET, cruising lvs chgd to EVEN lvs N-bound. **E LO-9.**

T786 extended, GIKEN CRP (N5926.8 E03529.9) - LUZIK, 098°, 103NM, MEA FL90, MOCA 3300T, one-way E-bound; ROGUP CRP replaced by UVROK CRP at N5842.8 E03852.8; LUZIK - UVROK - GOBOM, 118°, 11/35NM, MOCAs 3000T/2300T. **E LO-9.**

T821, ZAMGE NCRP estbld at N6034.3 E03035.7 and RUZUF NCRP estbld at N6050.8 E03133.8; PETAP to DISUP, 27/7/26/15NM, MOCAs 3300T/3000T/2500T/2200T; PETAP to ROGID, MEA FL70. **E LO-8.**

T824, ABURU NCRP (N5931.1 E03407.7) withdrawn; SUGIN - GIKEN, 081°, 104NM, MOCA 3000T. **E LO-9.**

T873, VUZPU NCRP estbld at N5855.1 E03317.0; SUGIN - VUZPU - NIRGI, 52/59NM, MEAs FL80/FL60, MOCAs 3200T/3300T. **E LO-9.**

T908 estbld; OMZER CRP at N6033.7 E02750.8 - AKARU CRP, 124°, 33NM, MEA FL60, MOCA 2500T, one-way SE-bound. **E LO-8.**

SAFONOVO VORDME (SF) ident chgd to 'SAO' (N55 E033). **E LO-10, E LO-9.**

## SLOVAKIA

## ATS ROUTES changed:

P27, DUFES NCRP estbld at N4857.4 E02119.1; MALBE - DUFES - KOJOT, 43/7NM. **E LO-11.**

Q350, ANEXA CRP estbld at N4751.3 E01829.2; TABIN - ANEXA - ERGOM, 19/10NM, chgd to one-way SE-bound. **E LO-12.**

W425, TOKAJ NCRP estbld at N4839.4 E02150.0; LASOT - TOKAJ - EVULA, 17/6NM, MOCAs 3600T/3500T. **E LO-11.**

Y301, KALIF (N4830.4 E01934.3) - KREMI, MOCA 6500'. **E LO-11, E LO-12.**

CERTOVICA DME (CRT) CH114Y (116.75) cmsnd at N4854.0 E01944.3. **E LO-11.**

KOTNIK DME (KTN) CH88X (114.1) cmsnd at N4915.9 E02036.6. **E LO-11.**

SLIAC CTR withdrawn (N48 E019). **E LO-11, E LO-12.**

SLIAC TMA withdrawn (N48 E019). **E LO-11, E LO-12.**

UZHGOROD WEST CTR estbld; GND-5000'; Class 'D' (N48 E021). **E LO-11, E LO-12.**

UZHGOROD WEST TMA estbld; 5000'-8500'; Class 'D' (N48 E021). **E LO-11, E LO-12.**

## SLOVENIA

AZAVE NCRP at N4532.3 E01403.8 and KIJEW NCRP at N4537.2 E01400.9 estbld. **E LO-12.**

CERKLJE CTR upper limit chgd to 3100' (N45 E015). **E LO-12.**

GRID MORA (N45-N46, E013-E014) raised to 7400. **E LO-12, E LO-13.**

## SPAIN

## ATS ROUTES changed:

A6, SURIB (N3820.5 E00155.0) to LABRO, CDR 1. **E LO-6.**

A29, MOPAS (N4226.1 E00102.1) - GIROM, MEA FL140. **LEBL 10-1.**

A31, MAGAL (N3804.4 W00013.9) to LABRO, CDR 1. **E LO-6.**

A44, ROSAL (N3801.3 W00706.1) to Seville VORDME (SVL), CDR1. **E LO-6, LEMG 10-1.**

A871; LOGRO (N3900.0 W00354.0) - ETANA, MEA FL110. **LEMD, E LO-6.**

B28, VIBAS (N3723.5 W00337.9) - BAZAS, MEA FL90. **LEMG 10-1.**

B42, CRISA (N3856.3 W00433.4) - VULPE, CDR1. **E LO-6, LEMG 10-1.**

B42; DOPEN (N3945.3 W00423.0) - MONTO, MEA FL130. **LEMD 10-1, E LO-6.**

B95, Malaga VORDME (MGA) to GONZA, CDR1 (N36 W004). **E LO-6, A HL-1, LEMG 10-1.**

G53, Castejon VORDME (CJN) to Yeste VORDME (YES), CDR1 (N40 W002). **LEMD 10-1, E LO-6.**

H150, Castejon VORDME (CJN) to MOTIL, CDR1 (N40 W002). **LEMD 10-1, E LO-6.**

H230, SOTUK (N3911.6 W00444.8) - USOKO, MEA FL130. **LEMD 10-1, E LO-6.**

H372, Bailen VORDME (BLN) - BAZAS, CDR1; ROLAS (N3724.9 W00251.3) to Almeria VORDME (AMR), CDR2; Almeria VORDME - ESAMI, CDR1. **E LO-6, A HL-1, LEMG 10-1.**

J865, UNTOS (N3715.0 W00316.7) to Almeria VORDME (AMR), CDR1. **E LO-6.**

R24, Malaga VORDME (MGA) to GOLFO, CDR1 (N36 W004). **E LO-6, A HL-1, LEMG 10-1.**

R29, DISVU (N4044.4 W00115.8) - MANDY, CDR1. **E LO-6.**

R47, Bailen VORDME (BLN) - Yeste VORDME (YES), CDR 1 (N38 W003). **E LO-6.**

UL27, BRITO (N4104.8 W00204.7) - YAKXU, CDR 1. **E LO-5, E LO-6.**

UL27, LARDA replaced by YAKXU NCRP at N4205.9 W00112.8; BRITO - YAKXU, 033°. **LEMD 10-1, E LO-5, E LO-6.**

UL45, SADAF (N3748.2 E00219.7) to Valencia VORDME (VLC), cruising levels chgd to standard. **E LO-6.**

UL45, URIPO (N3855.5 E00029.0) to SADAF, CDR1. **E LO-6.**

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UL58, VIBAS (N3723.5 W00337.9) to BERUM, CDR 1,2. **E LO-6.**

UL129, SURIB (N3820.5 E00155.0) to LABRO, CDR1. **E LO-6.**

UL150, NANDO (N3959.3 W00210.5) to ASTRO, CDR 1; MAGAL to LABRO, CDR 1. **LEMD 10-1, E LO-6.**

UM30, PIMUR (N3717.5 W00631.1) to PARKA, CDR 2. **LEMG 10-1.**

UM143, Castejon VORDME (CJN) to Yeste VORDME (YES), CDR 1 (N40 W002). **LEMD 10-1, E LO-6.**

UM176, Pamplona VORDME (PPN) to Calamocho VORDME (CMA), CDR 1,2; Calamocho VORDME to Calles VORDME (CLS), CDR 1 (N42 W001). **E LO-5, E LO-6.**

UM192, Bailen VORDME (BLN) - BAZAS, CDR 1 (N38 W003). **E LO-6, LEMG 10-1.**

UM744, LASIB (N3802.3 W00713.4) to Seville VORDME (SVL), CDR 1. **E LO-6, LEMG 10-1.**

UN608, BARBO (N4226.9 E00054.2) - GIROM, MEA FL140. **LEBL 10-1.**

UN747, Bailen VORDME (BLN) - Yeste VORDME (YES), CDR 1 (N38 W003). **E LO-6.**

UN864, CRISA (N3856.3 W00433.4) - VULPE, CDR 1. **E LO-6, LEMG 10-1.**

UN870, RAKOD (N3946.8 W00637.7) to DIPOL, CDR 2. **LEMD 10-1.**

UN871, LARDA replaced by YAKXU NCRP at N4205.9 W00112.8; SEGRE - YAKXU - RONNY, 040°, 83/26NM. **LEMD 10-1, E LO-5, E LO-6.**

UN871, SEGRE (N4101.4 W00222.6) to TOPTU, CDR 1. **E LO-5, E LO-6.**

UN975, PALIO (N4015.7 W00302.9) to Toledo VORDME (TLD), chg to two-way, 255°/075°. **LEMD 10-1.**

UT257, FENXE NCRP estbld at N3943.3 W00132.9; NANDO NCRP - FENXE - MABUX, 33/21NM. **LEMD 10-1, E LO-6.**

UT257, NANDO (N3959.3 W00210.5) to MABUX, CDR 1. **LEMD 10-1, E LO-6.**

UY90, COMPI (N3921.1 W0000.5) - DIKUT, CDR 1. **E LO-6.**

W71, Tabanera VORDME (NEA) to Vitoria VORDME (VRA), cruising levels chgd to standard, EVEN-levels NE-bound. (N42 W004) **E LO-5, E LO-6.**

CORDOBA NDB (COR) decmsnd. (N37 W004). **LEMG 10-1.**

GRID MORA (N42-N43/W001-000) should be 13200°. **E LO-6.**

SANTIAGO NDB (SNO) decmsnd. (N42 W008). **E LO-5.**

## SWEDEN

## ATS ROUTES changed:

L617, ARQUS NCRP estbld at N5705.8 E01255.7; NILEN - ARQUS - LALIL, 26/48NM. **E LO-8, E LO-10, E LO-9.**

Z400, BAKLI (N5455.0 E01333.6) - TIDVU, 355°. **EKCH 10-1.**

## SWITZERLAND

## ATS ROUTES changed:

J51 extended, Zurich East VORDME (ZUE) - BODAN NCRP, 087°/268°, 26NM, MEA 8000', MAA FL90, cruising levels NON-standard, EVEN levels E-bound. (N47 E008) **LSZH 10-1.**

T544 estbld, VEBIT NCRP (N4716.1 E00800.4) - Willisau VORDME (WIL) NCRP, 214°/(034°), 7NM, MEA 7000', MAA FL90, one-way S-bound, cruising levels ODD levels S-bound. **LSZH 10-1, E LO-4.**

T627, ULMES (N4657.3 E00717.6) - VALAD withdrawn; LUTIX (N4709.9 E00705.4) to ULMES, CDR 1. **E LO-4.**

Z601 extended, Zurich East VORDME (ZUE) - Trasadingen DME (TRA) NCRP, 288°/108°, 17NM, MEA 6000', MAA FL90; Trasadingen DME - GIPOL NCRP, 233°/052°, 20NM; GIPOL - Willisau VORDME (WIL) NCRP, 193°/013°, 20NM; Trasadingen DME to Willisau VORDME, MEA 8000', MAA FL90. (N47 E008) **LSZH 10-1.**

## SYRIA

## ATS ROUTES changed:

R785, Kariatain VORDME (KTN) to ZELAF, chgd to one-way SE-bound (N34 E037). **ME HL-2.**

## TUNISIA

## ATS ROUTES changed:

R723, NIVAB NCRP estbld at N3847.4 E00830.8, DOPEL - NIVAB - TABOT, 24/32NM. **E LO-6.**

KHEREDDINE NDB (KDN) decmsnd. (N36 E010) **DTTA 10-1.**

## TURKEY

## ATS ROUTES changed:

A/UA4, TIRER (N4108.2 E02823.1) to ERKAL realigned; TIRER - Istanbul VORTAC (IST) CRP, 113°/(293°), 22NM, MEA FL20; Istanbul VORTAC - VATCA NCRP at N4058.9 E02939.0 - ERKAL, 083°, 38NM/15NM, MEAs FL120/FL150; TIRER to ERKAL, one-way E-bound. **LTBA 10-1.**

L/UL333, VATCA CRP estbld at N4058.9 E02939.0; Beykoz VORDME (BKZ) - VATCA - ASMAP, 25/53NM. **LTBA 10-1.**

M/UM603 extended; Istanbul VORTAC (IST) - Beykoz VORDME (BKZ), 051°/231°, 18NM, MEA FL200. **LTBA 10-1.**

N/UN644, Beykoz VORDME (BKZ) withdrawn; TIRER - NUGBA, 070°, 107NM. **LTBA 10-1.**

T/UT329, UMRUN replaced by TOKER CRP at N4018.8 E03046.3; NEGBU - TOKER, 279°, 76NM. **LTAC 10-1.**

T302 extended; ADORU CRP (N4152.3 E02634.1) - SERCE NCRP - TIRER NCRP - Istanbul VORTAC (IST) CRP, 113°/(293°), 38/55/22NM; Istanbul VORTAC - VATCA NCRP at N4058.9 E02939.0 - ERKAL CRP, 083°, 38/15NM; ERKAL - NUMSO CRP - ERSEN, 098°, 17/15NM; ADORU to TIRER, MEA FL180; TIRER to VATCA, MEA FL120; VATCA to ERSEN, MEA FL150; ADORU to ERSEN, one-way E-bound. **LTBA 10-1.**

**EUROPE - MEDITERRANEAN**

UT302 estbld; ADORU CRP (N4152.3 E02634.1) - SERCE NCRP - TIRER NCRP - Istanbul VORTAC (IST) CRP, 113°/(293°), 38/55/22NM; Istanbul VORTAC - VATCA NCRP at N4058.9 E02939.0 - ERKAL CRP, 083°, 38/15NM; ERKAL - NUMSO CRP - ERSEN CRP, 098°, 17/15NM; ADORU to ERSEN, MEA FL290, one-way E-bound; ERSEN - GUMRU CRP, 032°/213°, 51NM, MEA FL290. **LTBA 10-1.**  
 W/UW702, Beykoz VORDME (BKZ) - Tekirdag VORDME (EKI) realigned; Beykoz VORDME - Istanbul VORTAC (IST) CRP, 231°/051°, 18NM; Istanbul VORTAC - Tekirdag VORDME, 264°/084°, 63NM. **LTBA 10-1.**

**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.**

LT(P)-UNDESIGNATED AREA 2 withdrawn (N39 E032). **LTAC 10-1.**

**U.K.**

**ATS ROUTES changed:**  
 BARKWAY VOR (BKY) removed from all ATS-routes. (N51 E000) **EGCC 10-1, EGLL 10-1, E LO-3.**  
 BIGGIN VOR (BIG) removed from ATS-routes. **EGLL 10-1.**  
 BRECON VOR (BCN) removed from all ATS-routes. (N51 W003) **E LO-3.**  
 BROOKMANS PARK VOR (BPK) removed from all ATS-routes. (N51 W000) **EGLL 10-1, E LO-3.**  
 DAVENTRY VOR (DTY) removed from ATS-routes. **EGCC 10-1, EGLL 10-1.**  
 DETLING VOR (DET) removed from ATS-routes. **EGLL 10-1.**  
 L89 realigned; KATHY (N5031.2 W00120.0) - HAZEL, 024°, 32NM; HAZEL - Woodley NDB (WOD), 008°/(188°), 27NM; KATHY to Woodley NDB, MEA FL90, MAA FL230, one-way NE-bound; GIBSO to AVANT, withdrawn. **EGLL 10-1.**

LAMBOURNE VOR (LAM) removed from ATS-routes. **EGLL 10-1.**  
 M604 extended, Detling DME (DET) - Lydd DME (LYD) CRP, 149°/(329°), 21NM, MEA FL90, one-way S-bound. **EGLL 10-1, E LO-3.**  
 MAYFIELD VOR (MAY) removed from ATS-routes. **EGLL 10-1.**  
 MIDHURST VOR (MID) removed from ATS-routes. **EGLL 10-1.**  
 N16 extended; GIBSO (N5045.0 W00231.1) - BEGTO, 089°, 49NM, MEA FL210; BEGTO - AVANT - Goodwood DME (GWC), 073°, 12/7NM, MEA FL90. **EGLL 10-1.**  
 Q63, FIFAH NCRP estbld at N5152.8 W00415.6, AMMAN - FIFAH - Strumble VORDME (STU), 10/30NM. **E LO-3.**  
 Y/UJ124, DEXEN (N5316.8 W00530.0) to LISTO, CDR 1.3. **EGCC 10-1.**  
 Y312, ADMAG replaced by MIMFO at N5114.0 E00029.5. **EGLL 10-1, E LO-3.**

Barkway VOR (BKY) HOLDING withdrawn (N51 E000). **EGCC 10-1, EGLL 10-1.**  
 BOVINGDON VORDME (BNN), VOR decmsnd. **EGLL 10-1.**  
 NORTHERN CTA Class 'C' estbld; FL195-FL245 (N55 W002). **EGCC 10-1.**  
 WESTCOTT NDB (WCO) decmsnd. **EGCC 10-1, EGLL 10-1.**  
 WHITEGATE NDB (WHI) decmsnd. **EGCC 10-1.**  
 YORKSHIRE CTA Class 'A/D' estbld; 4500-FL195 (N53 W002). **EGCC 10-1.**

**UKRAINE**

UZHHOROD CTR redesignated UZHHOROD EAST CTR (N48 E022). **E LO-11, E LO-12.**  
 UZHHOROD TMA redesignated UZHHOROD EAST TMA. Airstpace class D. (N48 E022). **E LO-11, E LO-12.**

**UNITED ARAB EMIRATES**

**ATS ROUTES changed:**  
 G783, Al Ain VORDME (ALN) replaced by VAVIM NCRP at same position (N24 E055). **ME HL-7A.**  
 M318, GOLGU (N2310.9 E05231.2) - MUXIT, not avbl ufn. **ME HL-2.**  
 N300, NOLSU (N2512.8 E05607.6) to LALDO, MEA FL160. **ME HL-7A.**  
 P307, PAVAG (N2515.8 E05540.7) to TONVO, MEA FL160. **ME HL-7A.**  
 P574, TOVIV (N2533.0 E05519.7) - KUMUN, closed ufn. **ME HL-7A, ME HL-7B.**  
 P899, Al Ain VORDME (ALN) replaced by VAVIM NCRP at same position (N24 E055). **ME HL-7A.**

**TERMINAL CHARTS**

**GENERAL**

**ALGERIA**

Alt Set to read hPa instead of MB.

**FINLAND**

STARs and SIDs are also minimum noise routings.

**FRANCE**

The following Take-off minima according to Commission Regulation No. 965/2012 (EASA Air Operations Regulation) are applicable for Low Visibility Take-off Operations within France for CAT ABCD aircraft. RVR below 150m can only be used for selected runways which are already specified on current Jeppesen charts.

1. With RL and RCLM during day or with RL or CL during night: RVR 300m
2. With RL and CL: RVR 200m
3. With RL and CL and TDZ, MID and RO RVR: RVR 150m
4. With HIRL and CL and TDZ, MID and RO RVR: RVR 125m
5. On CAT III RWYs with approved guidance system or HUD/HUDLS: RVR 75m

## EUROPE - MEDITERRANEAN

### 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, EDCC, EDDE, EDDF, EDGG, EDDH, EDDK, EDDL, EDDM, EDDN, EDDP, EDDR, EDDS, EDDT, EDDV, EDDW, EDFH, EDLN, EDLP, EDLV, EDLW, EDMA, EDNY, EDQM, EDSB, EDTY, EDVE and 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 Monchengladbach to Moenchengladbach.

The following Take-off minima according to Commission Regulation No. 965/2012 (EASA Air Operations Regulation) are applicable for Low Visibility Take-off Operations within Germany for CAT ABCD aircraft. RVR below 150m can only be used for selected runways which are already specified on current Jeppesen charts.

1. With RL and RCLM during day or with RL or CL during night: RVR 300m
2. With RL and CL: RVR 200m
3. With RL and CL and TDZ, MID and RO RVR: RVR 150m
4. With HIRL and CL and TDZ, MID and RO RVR: RVR 125m
5. On CAT III RWYs with approved guidance system or HUD/HUDLS: RVR 75m

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.

### U.K.

The following Take-off minima according to Commission Regulation No. 965/2012 (EASA Air Operations Regulation) are applicable for Low Visibility Take-off Operations within the UK FIR for CAT ABCD aircraft:

1. With RL and RCLM during day or with RL or CL during night: RVR 300m
2. With RL and CL: RVR 200m
3. With RL and CL and TDZ, MID and RO RVR: RVR 150m
4. With HIRL and CL and TDZ, MID and RO RVR: RVR 125m
5. On CAT III RWYs with approved guidance system or HUD/HUDLS: RVR 75m

### TERMINAL

**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.

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

**Akrotiri, Cyprus**, (11-1) Auto coupled ILS approaches not authorized.

**Albacete, Spain**, (Albacete AB), Works on civil apron (based on SUP 75-20, from 28-Jan-21 based on SUP 15-21). Please refer to temp chart 10-8 and latest NOTAMS.

**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 rwy 32 suspended.

Birds in vicinity of aerodrome.

Rwy 14/32 and twys A, B, C, D, E and F closed and all procedures to rwy 14/32 suspended. Temporary rwy 14R/32L established on parallel twy A, refer to 20-8. Temporary procedures RNP Rwy 14R/32L available, refer to 22-01/22-02 (based on SUP 20/21).

RWY 14R/32L closed between 0900-1100 on MON, SAT and SUN due to maintenance (based on SUP 29-21).

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

**Alicante, Spain**, (Alicante-Elche Miguel Hernandez), Apt name changed to Alicante-Elche Miguel Hernandez.

**Amman, Jordan**, (Marka Intl), (10-2D to 10-2G, 10-3F to 10-3L, 12-1, 12-2) RNAV STARs, SIDs and APP Procedures are subject to revision and validations. Pilots are required to report any variation and/or inaccurate data to: datm@carc.gov.jo and cc: ais.hq@carc.gov.jo (based on AIP SUP 2/21).

**Amman, Jordan**, (Queen Alia Intl), (20-2 to 20-2C, 20-3B/D/G/J/M/N, 22-1, 22-2) RNAV STARs, SIDs and APP Procedures for RWY 26L/08R are subject to revision and validations. Pilots are required to report any variation and/or inaccurate data to: datm@carc.gov.jo and cc: ais.hq@carc.gov.jo (based on AIP SUP 2/21).

Following SIDs are suspended: (20-3Q) KINUR 3D & KULDI 3D, (20-3U) LOSAR 3D, (20-3X) LUDAN 3D, (20-3X3) MUVIN 3D, (20-3X5) QTR 3D, (20-3X6) RALNA 3D, alternate RNAV SID, if unable advice ATC. Based on A0439/21 NOTAM.

**Amsterdam, Netherlands**, (Schiphol), (11-1A) CAT II/III ILS Rwy 06: for CAT C DA(H) changed to 97' (108') and RA changed to 108', for CAT D DA(H) changed to 111' (122') and RA changed to 127'.

## EUROPE - MEDITERRANEAN

- (11-5) ILS or LOC Rwy 18R, (11-5A) CAT II/III ILS Rwy 18R, (11-6) RNAV NIGHT ILS Rwy 18R (INITIAL APCH), (11-6A) RNAV NIGHT ILS Rwy 18R (FINAL), (12-6) RNP Rwy 18R, (12-7) RNAV NIGHT RNP Rwy 18R (INITIAL APCH), (12-7A) RNAV NIGHT RNP 18R (FINAL) missed apch text/notes amended (based on SUP 007-21 AIRAC, EFF 12 AUG 21). Refer to temp chart 10-8D and latest NOTAMs.
- Construction works new taxiway (based on SUP 005-21). Refer to temp charts 10-8A thru 10-8C and latest NOTAMs.
- Construction works on apron A (based on SUP 004-20). Refer to temp chart 10-8 and latest NOTAMs.
- Temporary chart amendments based on SUP 007-21 AIRAC, EFF 12 AUG 21. Refer to temp chart 10-8D and latest NOTAMs.
- Angouleme**, France, (Brie-Champniers), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LIMOGES Information on 124.050 MHz.
- Antwerp**, Belgium, (Deurne), (11-1) ILS or LOC Rwy 29: Rwy 29 ILS DME unserviceable. ILS available with markers (based on SUP 024-21). Refer to latest NOTAMs
- Based on SUP 033-20: RNP Rwy 11 (12-1) minimums changed as follows: LNAV/VNAV: CAT A: DA(H) 367'(339'); CAT B: DA(H) 380'(352'), with ALS RVR 1200m; CAT C: DA(H) 393'(365'), with ALS RVR 1300m, ALS out RVR 1700m.
- Aqaba**, Jordan, (King Hussein Intl), (10-2/10-2A, 10-3/10-3A, 12-1) RNAV STARs, SIDs and APP Procedures are subject to revision and validations. Pilots are required to report any variation and/or inaccurate data to: datm@carc.gov.jo and cc: ais.hq@carc.gov.jo (based on AIP SUP 2/21).
- Are Ostersund**, Sweden, (10-2, 10-2B) RNAV (GNSS) STARs RWY 30 not available (based on SUP 070-21).
- Asturias**, Spain, IAP VOR Rwy 11 (chart 13-1): Straight-in minimums restricted to Circle-to-land minimums (based on NTM B6832/21).
- Aswan**, Egypt, (10-9) CAUTION: Birds in vicinity of aerodrome per SUP 008-17
- Per AIC A 003-21, 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. For details refer to temporary pages 10-8/10-8A, also refer to latest NOTAMs. Eff 07 Oct 21.
- Ufn RNAV SIDs/STARs suspended.
- Asyut**, Egypt, Ufn RNAV SIDs/STARs suspended.
- Avord**, France, (Avord AB), Construction works on rwy (Phase 3) (based on SUP 107-21). For restrictions refer to temp charts 10-8E, 10-8F, 10-8G and latest NOTAMs.
- Badajoz**, Spain, (Talavera La Real AB), Right wingbar of VASI u/s (based on SUP 19-20, with eff date 22 APR 21 based on SUP 49-21).
- TWY C4 and C6 closed (based on SUP 19-19, with eff date 27 FEB 20 based on SUP 18-20).
- Barcelona**, Spain, (El Prat), Airport name changed to Josep Tarradellas-El Prat.
- For restrictions during works on rwy 07L/25R strip (based on SUP 37-21, with eff date 09 SEP 21 based on SUP 133-21) refer to temporary charts 10-8/10-8A and latest notams.
- For restrictions during works on twy S, T and Ramp 2 (based on SUP 156-21) refer to temporary charts 10-8B/10-8C, 10-8D and latest Notams. Eff 07 Oct 21.
- Barrow**, U.K., (Walney Island), Airport beacon removed from all charts .
- (All IACs) MSA raised to 3500' in sector 180°-270° within 10 NM. Based on SUP 018-21.
- Basle-Mulhouse**, France, (10-3C, 10-3F) SIDs MOROK 7S & TORPA 7S replaced by MOROK 7T & TORPA 7T. Refer to temporary chart and latest NOTAMs. Based on SUP 140/21.
- Following procedures suspended: (11-4) ILS Y or LOC Y RWY 33, (12-2) RNP RWY 33.
- Beja**, Portugal, (Beja AB), Non-Tacan equipped ACFT expect radar vectors for ILS approach.
- REIL Rwy 01L/19R u/s (based on SUP 044-20 and MIL SUP 026-20).
- Belfast**, U.K., (Aldergrove), NDB Rwy 25 (16-1) apch proc will not be available.
- Belgrade**, Serbia-Montenegro, (Nikola Tesla), Based on AIRAC SUP 3/21 Circle-to-land minimums changed as follows: MDA(H) CAT A&B 930'(594'), CAT C 1030'(694').
- Based on AIRAC SUP 6/21 New trial procedure (12-20) RNP F Rwy 30 (AR) established. Procedure shall be used for flight validation and flyability check purposes only. Refer also to latest NOTAMs.
- Based on SUP 3/21 minimums changed as follows: ILS or LOC Rwy 30 (11-2) DA(H) for ILS changed to 597'(264') RVR 600m, RVR 750m when a Flight Director or Autopilot or HUD to DA is not used, ALS out: RVR 1300m. RNP Rwy 12 (12-1) DA(H) for LNAV/VNAV CAT A&B 780'(463') CAT C&D 800'(483'), CAT A&B&C&D RVR 1500m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2300m, DA/MDA(H) for LNAV 880'(563'), CAT A&B RVR 1500m, CAT C&D RVR 1900m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2400m, RNP Rwy 30 (12-2) DA(H) for LPV 597'(264') RVR 600m, RVR 750m when a Flight Director or Autopilot or HUD to DA is not used, ALS out: RVR 1300m, DA(H) for LNAV/VNAV 630'(297') RVR 750m, ALS out: RVR 1400m, VOR Rwy 12 (13-1) DA/MDA(H) 880'(563'), CAT A&B RVR 1500m, CAT C&D RVR 1900m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2400m, Lctr Rwy 12 (16-1) DA/MDA(H) 880'(563'), CAT A&B RVR 1500m, CAT C&D RVR 1900m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2400m.
- Construction works on airport area (based on AIP SUP 08/20). Refer to temp chart 10-8 and latest NOTAMs.
- Bergamo**, Italy, (Orio Al Serio), (10-9B) Based on Airac SUP S14-21 one or more portions of North Apron between stands 804 and 821 may be used as parking area for general aviation as follows: standard entry/exit routes in self-manoeuvring; non-standard taxi routes and parking positions with compulsory follow-me and marshalling assistance.

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- Beziers**, France, (Vias), PPG VOR DME u/s. A temporary mobile VOR DME will be available (based on SUP 195-21). Refer to temporary (16-01) NDB Rwy 09 chart and latest NOTAMS.
- STARs** AFFRIC & SIJAN 2Z (10-2), SIDs AFRIC 6E & 6W (10-3) & KELAM 6E & 6W (10-3A): PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.
- Biggin Hill**, U.K., Construction works (based on SUP 023-20). Please refer to temp chart 10-8 and latest NOTAMS.
- Bilbao**, Spain, During works on SFL on HIALS rwy 30 in 5 phases, following restrictions apply (based on SUP 60-21). During phase 1, in-pavement SFL of the subsystem unavailable. During phase 2, SFL subsystem unavailable. During phase 3, REIL unavailable. Caution is recommended due to presence of personnel and machinery.
- For restrictions during works on twys (based on SUP 64-21, from 12 AUG 21 based on SUP 108-21), refer to temporary charts 10-8/10-8A and latest NOTAMS.
- Biskra**, Algeria, (Mohamed Khider), (10-9) Per AIP SUP 001-20, work in progress on Southeastern end of rwy 13/31. Threshold rwy 31 moved 656' (200m) inwards, thr elev is 248'. Rwy length and TORA/LDA rwy 13/31 reduced to 9514' (2900m). Twy A5, runway turning pad at former threshold 31 and stopway rwy 13 not available, twy D and area between new threshold and beginning of construction area usable only for accessing rwy 31, not to be used for arrival/departure.
- Bologna**, Italy, (Borgo Panigale), For construction works (based on SUP 016/21) refer to temporary charts 10-8 thru 10-8B and latest NOTAMS.
- Braunschweig**, Germany, (Braunschweig-Wolfsburg), Construction works on apron (based on SUP 019/21). Refer to 10-8 and latest NOTAMS.
- Brindisi**, Italy, (Casale Mil), For construction works (based on SUP 008/21) refer to temporary charts 10-8 thru 10-8C, 12-01, 13-01 and latest NOTAMS. During construction works PHASE 1 ILS or LOC RWY 31 (11-1) suspended. During construction works PHASE 2 ILS or LOC RWY 31 (11-1), RNP RWY 31 (12-2) and VOR RWY 31 (13-2) suspended.
- Brive**, France, (Souillac), ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact LIMOGES Information on 124.050 MHz.
- Brize Norton**, U.K., (Brize Norton AB), ILS Rwy 07 not suitable for auto-coupled approaches to CAT 1 DH.
- Burgos**, Spain, (Villafria), Works on aircraft parking apron (based on SUP 162-21). All working zones will be duly marked and lit. CAUTION is recommended due to presence of personnel and machinery. Refer also to latest NOTAMS. Eff 07 Oct 21.
- Cairo**, Egypt, (Cairo Intl), D-ATIS (data link) u/s. (based on SUP 033-21).
- Inbound traffic from Libyan airports not permitted to land at Cairo Intl airport. (based on SUP 032-21) RNAV (GNSS) approach should not be planned at Cairo Intl airport due to GPS jamming within 10NM from Cairo ARP (based on SUP 034-21).
- Rwy 05L closed. Rwy 23R used for departure only (based on SUP 043-21).
- Calvi**, France, (St Catherine), For Construction Works Phases 2 thru 5, refer to TEMP chart 10-8/10-8A and latest NOTAMS.
- Cannes**, France, (Mandelieu), (10-1R) Several altitudes and sectors revised.
- Carcassonne**, France, (Salvaza), (10-3B) SIDs PPG 2E & 2W: PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.
- ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.
- Carlisle**, U.K., Lctr CL, frequency 328 kHz u/s. DME CO (110.7) u/s. Based on SUP 029/21.
- Casablanca**, Morocco, (Mohamed V), Construction works (based on SUP 02-20). Refer to temporary charts 10-8, 10-8A and latest NOTAMS.
- Castellon**, Spain, Apron TWY between stands 01 and 02 included closed (based on SUP 139-20). Apron TWY between stands 05 and 08 included restricted to ACFT with MAX code letter C (based on SUP 138-20, eff 20 MAY 21 based on SUP 80-21).
- TWYs B and D partly not visible from Tower (based on SUP 014/21).
- Castres-Mazamet**, France, ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.
- Catania**, Italy, (Fontanarossa), For construction works on some portions of apron twy A (based on SUP 003-21, EFF 1 OCT based on SUP 019-21) refer to 10-8, 10-8A and latest NOTAMS.
- Charleroi**, Belgium, (Brussels South), Infrastructural works (based on SUP 035-20). Please refer to temp chart 10-8 and latest NOTAMS.
- Colmar**, France, (Houssen), During conditions where the RWY is no longer dry (RWY Condition Code different from 6/6/6) pilots are invited to report by AIREP their assessment of the braking performance and type of acft (Based on AIC A 018-20).
- Cologne-Bonn**, Germany, Construction works on TWY intersection A/D (based on SUP 014-21). Refer to temp chart 10-8 and latest NOTAMS.
- Cork**, Ireland, Construction works PHASE 2 - RWY 16/34 reconstruction and airfield ground lighting (AGL) renewal (based on SUP 013-21, Eff 9 Sep 21). Refer to temp chart 10-8 and latest NOTAMS.
- RWY 16/34 reconstruction and airfield ground lighting (agl) renewal based on SUP 007-21 AIRAC, Eff 17 JUN 21. Construction works will generally be from 0001LT (or after the last scheduled acft movement) to 0515LT. During construction working hours, RWY 16/34 will be withdrawn from service. RWY 07/25 will also be withdrawn from service from time to time during the works. Please also refer to latest NOTAMS.
- Dakhla**, Egypt, Rwy 15/33 available for Egyptian Air Force (H24) only (based on SUP 042-21).
- 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.

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- Dublin**, Ireland, (Dublin Intl), (10-8A) West apron stand realignment (based on SUP 014-20), removal of existing stands and installation of new stands.  
Refer to temp chart 10-8A and latest NOTAMS.  
(10-8B) RWY 16/34 LVP Taxiing lighting installation works Phase 1 (based on AIRAC SUP 009-21). Refer to temp chart 10-8B and latest NOTAMS.  
MM Rwy 10R is out of service, refer to (11-1) ILS or LOC Rwy 10R and (11-1A) CAT II/III ILS Rwy 10R. MM Rwy 28L is out of service, refer to (11-3) ILS or LOC Rwy 28L and (11-3A) CAT II/III ILS Rwy 28L. OM Rwy 10R and OM Rwy 28L are out of service (based on SUP 20-19).
- North-South sewer construction works (based on SUP 017-20). Refer to temp chart 10-8 and latest NOTAMS.
- Elefsis**, Greece, Due to works on Rwy 18L/36R (based on VOL 1 High Altitude) characteristics of established RWYs, TWYs and Aprons changed. Refer to temporary chart 10-8 and latest NOTAMS.
- Fassberg**, Germany, (Fassberg Army), IFR profiles within airspace class E. Watch out for VFR traffic unknown to ATC.
- Florence**, Italy, (Peretola), (10-3A1) Initial climb updated (based SUP 009-21), please refer to temp chart and latest NOTAM.
- Florennes**, Belgium, (Florennes AB), Procedure ILS Rwy 08L not published due to pending clarification answer.
- Frankfurt/Main**, Germany, Construction works for new GA apron and new Twy Y7 (based on SUP 23-20, eff 25 MAR based on SUP 004-21). Refer to temp chart 10-8C and latest NOTAMS.  
Construction works for new stands (based on SUP 013-21). Refer to temp chart 10-8 and latest NOTAMS.  
Construction works on TWYs L11 and L13 (based on SUP 18-21). Refer to temp chart 10-8A and latest NOTAMS.
- RWY 07C/25C closed for flight operations (based on SUP 017/21). Refer to temp chart 10-8B and latest NOTAMS.
- Geneva**, Switzerland, Construction works on Apron (based on SUP 009-18). Refer to temporary 10-08 and latest Notams.
- Ghat**, Libya, (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.
- Girona**, Spain, Construction works on rwy 01/19 (based on SUP 160-20). Refer to temporary chart 10-8B and latest NOTAMS.
- Goteborg**, Sweden, (Landvetter), (10-9B, 10-9C, 10-9D) Marshalling is mandatory on northeastern apron between twy F and stands 1 thru 3 when RVR is lower than 350m due to outage of twy centreline lights.
- Gran Canaria**, Canary Is, Works on Airport (based on SUP 132-20, from 15 JUL 21 based on SUP 100/21). Refer to temp charts 10-8 thru 10-8C and latest NOTAMS.
- Granada**, Spain, (Federico Garcia Lorca), Works on airport (based on SUP 154-20). Refer to temporary chart 10-8 and latest NOTAMS.
- Grazzanise**, Italy, (Grazzanise Mil), (10-2/A, B/C, 10-3B/C) Add IATA code: QTC.
- Hassi Messaoud**, Algeria, (Oued Irara), (10-9S) Airport name to read Krim Belkacem.
- Hatay**, Turkey, (10-3A) MSA is based on HTY NDB instead of HTY VOR
- Huesca**, Spain, (Pirineos), REIL RWY 12R unserviceable (SUP 127/19, with effective date 08 OCT 20 based on SUP 118/20).  
REIL RWY 30L unserviceable (SUP 128/19, with eff date 08 OCT 20 based on SUP 119/20).  
Stop bar lights on twy A unserviceable (based on SUP 36/21).  
The switch-on of the lights of visual aids will be delayed by 15 minutes (based on SUP 121-19, with eff date 10 SEP 20 based on SUP 98-20).
- Ibiza**, Spain, (10-3A, 10-3C, 10-3E) Due to IBA VORDME being u/s apply the following for RNAV SIDs RWY 06: Modify general note 1 to read 'RNAV 1 (DME/DME) DME CTN and DME JOA critical.' Based on SUP 078/21.  
Due to IBA VORDME being u/s apply the following: (10-3) Modify general note for BAVER 3E to read 'RNAV 1 approval is required (DME/DME/IRU).' and modify general note for INSUB 2E to read 'RNAV 1 (DME/DME/IRU) DME CTN critical.'  
(10-3B) Modify general note for EPAMA 2E & XOSTA 3E to read 'RNAV 1 approval is required (DME/DME/IRU).'
- (10-3D) Modify general note for KABRA & LAMPA 2E & MHN 5E to read 'RNAV 1 (DME/DME/IRU) DME CTN critical.'  
Based on SUP 078/21.
- Due to IBA VORDME being u/s apply the following: (10-2A) Modify general note 1 for CORDA 3V & TOLSO 4V to read 'RNAV 1 (DME/DME) DME CTN and DME VLC critical or RNAV 1 (DME/DME/IRU) without criticalDME.'  
(10-2B, 10-2C, 10-2G, 10-2L) Modify general note 1 for CORDA 1S, INSUB & NEVIC 2V, NELUX 1V & TOLSO 2S to read 'RNAV 1 (DME/DME) DME CTN critical.'  
(10-2E) Modify general note for MORSS & POS4V & RIXOT 3V to read 'RNAV 1 (DME/DME) DME CTN and DME VLA critical.'  
Based on SUP 078/21.

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Due to IBA VORDME being u/s apply the following:  
 (10-2) Modify general note 1 for CORDA 4N & TOLSO 5N to read 'RNAV 1 (DME/DME) DME CTN and DME JOA critical.'  
 (10-2D) Modify general note 1 for MORSS & POS 4N & RIXOT 3N to read 'RNAV 1 (DME/DME) DME CTN and DME VLA critical.'  
 (10-2F, 10-2K) Modify general note 1 for INSUB & NEVIC 2N, NELUX 1N, RUXET 3N & VARUT 2Y to read 'RNAV 1 (DME/DME) DME CTN critical.'  
 (10-2H) Modify general note 1 for VARUT 3N to read 'RNAV 1 (DME/DME) DME CTN, DME JOA and DME VLC critical or RNAV 1 (DME/DME/IRU) DME CTN and DME JOA critical.'  
 Based on SUP 078/21.

Due to temporary unavailability of VOR DME IBA (based on SUP 078-21, eff 7 OCT 21 based on SUP 165-21) following procedures suspended:  
 (11-1) ILS Z or LOC Rwy 06, (11-4) ILS Z Rwy 24, (11-7) LOC Rwy 24, (13-1) VOR Rwy 06, (13-2) VOR Rwy 24.

In Communications Failure procedures published on EMERGENCY pages State Rules and Procedures 'IBIZA AIRPORT', 'Arrival Procedure', 'b.' VORDME IBA reads NDB IZA.

Should VOR IBA and NDB IZA be unavailable simultaneously, in the event of LOST COMM proceed to the alternate aerodrome.

Machinery will be present in areas close to VOR DME IBA due to WIP; the working zone will be duly marked and lit.

Refer also to latest NOTAMs.

For restrictions due to works on RWY and TWYs (based on AIRAC SUP 157-21), refer to temporary charts 10-8/10-8A, 10-8B/10-8C, 10-8D and latest NOTAMs. Eff 07 Oct 21.

**Ifrane**, Morocco, (10-2) Crossing at DETAD under clarification, caution is advised.

**Innsbruck**, Austria, Due to reconstruction works at LOWI (based on SUP 006-21), RWY 08/26 will be closed, TWYs A, B, Y and Z will be closed, Airport operations will be closed. Refer also to latest NOTAMs.

(SID/STAR) Closure of RWYs 08/26 and airport operations between 19 SEP 2021, 2200LT and 19 OCT 2021, 0500 LT (based on SUP 06/21). Please, refer to latest NOTAMs.

**Inverness**, U.K., (10-9) AIRPORT, AIRPORT INFO, LVP, TAKE-OFF MNMS. Rwy 11/29 out of use due to construction works alongside the rwy strip. The works will run from February 2021 to December 2021. Use as taxi route will be permitted. Please refer also to latest NOTAMs.

**Isle Of Man**, U.K., Construction works on APT in various phases (Based on SUP 020/21). Major works will take place between MAY and OCT 2021. The work will be completed in overlapping phases which will necessitate temporary closures affecting areas. Phase 1 - Rwy 03/21 resurfacing and Rwy 26 starter extension widening commences. Phase 2 - Rwy 08 starter extension widening commences. Phase 3 - Twy A between A2 and A5 closes. Intersection of Twy A and Twy F closes. Phase 4 - Entrance to East Apron from Twy F closes. Phase 5 -

Twy D in the vicinity of the Fire Station closes. To indicate start dates of phases refer to latest NOTAMs.

**Istres**, France, (Le Tube AB), STAR PPG 3D (10-2), SID PPG 7D (10-3B): PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.

**Jerez**, Spain, Due to temporary unavailability of VOR DME JRZ (based on AIRAC SUP 96-21, to be activated by NOTAM) following procedures suspended: (11-1) ILS Z or LOC Z Rwy 20, (13-1) VOR Rwy 02 and (13-2) VOR Rwy 20. Refer also to latest NOTAMs.

JRZ VOR DME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM).

RNAV SIDs (10-3) not usable.

Following changes apply to SIDs:

HIJ 2Q (10-3A): not usable until SVL,

HIJ 2V (10-3A): not usable until NAVUT,

MAR 2Q (10-3C): not usable until ALORA,

MAR 2W (10-3C): not usable until NAVUT,

MGA 2Q (10-3B): not usable until ALORA,

MGA 4K (10-3B): not usable until NAVUT,

ONUBA2Q (10-3D): not usable until D28.5 JRZ,

ONUBA 2V (10-3D): not usable until NAVUT,

OXACA 1Q (10-3E): not usable until ARROS,

PEPAS 2Q (10-3F): not usable until ALORA,

PEPAS 2W (10-3F): not usable until NAVUT,

SANTA 2Q (10-3G): not usable until ARROS,

SANTA 2V (10-3G): not usable until NAVUT,

VJF 2P (10-3H): not usable,

VJF 2V (10-3H): not usable until D15 JRZ,

VJF 3Q (10-3H): not usable until JRZ

(Until approx. 15 JUL 22)

JRZ VOR DME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM).

Following changes apply to STARs:

HIJ 2U (10-2A): expect RADAR assistance

between XETAN and JRZ,

MAR 2T/2U (10-2/2A): expect RADAR assistance

between D23.4 MAR and ARSAS,

MGA 2S/2U (10-2/2A): expect RADAR assistance

between D46.7 MGA and ARSAS,

ONUBA 2U, SVL 2U (10-2C): expect RADAR

assistance between XETAN and JRZ,

VJF 2U (10-2C): expect RADAR assistance

between D20.5 VJF and JRZ.

ARSAS and JRZ holdings not usable.

(Until approx. 15 JUL 22)

JRZ VOR DME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM).

(10-3J) In case of communication failure during contingency departures:

If JER NDB is available:

Continue to climb to 3000 (RWY 20)/3500(RWY

02), or as cleared by ATC, whichever is higher,

turn LEFT to JER NDB to join holding. Hold over

JER NDB for the time necessary to burn fuel, with

a minimum of two complete holding circuits.

When ready to touch down descend in holding to

2600, start ILS Y, LOC Y or NDB approach to

RWY 20, with possible circuit to RWY 02.

If JER NDB is not available:

Proceed as indicated in airway manual

- Emergency Procedures Europe/Radio

Communication Failure Procedures Europe.

(Until approx. 15 JUL 22)



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Works on runway and taxiways (based on SUP 061-21). Refer to TEMP charts 10-8/10-8A and latest NOTAMs.

**Joensuu**, Finland, (10-9) AIRPORT, PARKING, AIRPORT INFO, TAKE-OFF MNMS. Renovation works are carried out at the apt (based on SUP 057/21 AIRAC). The whole apt is temporarily closed to air traffic as follows: RWY 10/28 is not in use for take-off or landings. Period: 21 JUN 2021, 0500 UTC - 08 JUL 2021, 1800 UTC. Refer also to latest NOTAMs.

**Kalamata**, Greece, (10-9) TWY A marked and lighted as RWY.

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

**Karlsruhe/Baden-Baden**, Germany, Construction works (based on SUP 007-21). Refer to temp chart 10-8 and latest NOTAMs.

**Karlstad**, Sweden, (11-1) ILS or LOC RWY 03, OM is out of service.

**Kirkenes**, Norway, (Hoybuktmoen), Construction works on eastern part of Rwy 05/23 (based on SUP 007-20, EFF 22 APR 21 based on SUP 008-21). The following charts will be suspended the whole period: ILS OR LOC RWY 23 (11-1) and RNP RWY23 (12-2/12-2A). Refer to temporary charts 10-8A, 10-9Y1 and temporary procedures ILS Z or LOC Z RWY 23 (11-01), LOC X RWY 23 (11-02), RNP Z RWY 23 (12-01/12-01A) and RNP X RWY 23 (12-02) and latest NOTAMs.

**HIALS** Rwy 23 length reduced to 1476/450m during construction works (based on SUP 007-20). Minimums with lights reduced as following, (11-1) ILS OR LOC Rwy 23, ILS RVR 900m for CAT ABC, RVR 1000m for CAT D. LOC (GS out) RVR 2000m for CAT CD. (12-2, 12-2A) RNAV (GNSS) Rwy 23, RNAV (GNSS) Rwy 23 MNMS, LPV with MACG mim 3.3% RVR 1500m for CAT AB, RVR 1600m for CAT C, RVR 1700m for CAT D. LPV with MACG mim 2.5% RVR 1500m for CAT AB, RVR 1800m for CAT CD. LNAV/VNAV with MACG mim 3.3% RVR 1500m for CAT AB, RVR 1600m for CAT C, RVR 1800m for CAT D. LNAV/VNAV with MACG mim 2.5% RVR 1500m for CAT AB, RVR 1700m for CAT C, RVR 1800m for CAT D. LNAV with MACG mim 2.5% RVR 2400m for CAT CD.

**Kiruna**, Sweden, TWY A restricted to MAX 118/36m wingspan (based on SUP 107-20). Refer also to latest NOTAMs.

**Kristiansund**, Norway, (Kvernberget), Due to construction work on Rwy, Twys and apron (based on SUP 005-21) Rwy will be closed during following periods:

18 May 2021 - 25 May 2021 from 21:00LT until 08:00LT

25 May 2021 - 16 Jun 2021 from Monday until Saturday from 15:00LT until 08:00LT

Apt will maintain normal opening hours from Saturday morning until Monday afternoon. Heli operators with prior permission can operate on a temporary FATO at the Eastern end of Rwy during following periods: 25 May 2021 - 16 JUN 2021 from Monday until Saturday 15:00LT - 18:00LT. During the closure period an alternative FATO at stand 15 will be available for HOSP/SAR operations with helicopter. The work will cause non-conformity to std lighting and markings. Rwy surface will have different texture during work period and at times be slippery when wet. Refer also to latest NOTAMs.

**Kufra**, Libya, First 2297'(700m) of rwy 02L closed due to work in progress (based on SUP 008/21).

**La Gomera**, Canary Is, (10-2, 10-3, 10-1R) LPC VORDME "Gran Canaria" renamed "Gran Canaria South".

**La Palma**, Canary Is, Construction works at airport, based on SUP 123-20. During phase 1 rwy 18/26 CL unserviceable. Refer also to latest NOTAMs.

**Lanzarote**, Canary Is, (Cesar Manrique Lanzarote), Airport Briefing (GEN CONTD) (10-1P1) Inset lights (point 1.7.2) shall not be installed and in service (based on SUP 088-20, from 9-Sep-21 based on SUP 148/21).

**Laupheim**, Germany, (Laupheim Army), IFR profiles within airspace class E. Watch out for VFR traffic unknown to ATC.

**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).

**Limnos**, Greece, (Ifaistos), Rwy 04R/22L MIRL spacing is 60m.

**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.

**Lisbon**, Portugal, Construction works on RWY 17/35 (based on SUP 026-19). Refer to temp pages 10-8/10-8A and latest NOTAMs.

Conversion of RWY 17/35 to TWY T (based on AIRAC SUP 044-19). Refer to temporary chart 10-8B and latest NOTAMs.

Following procedures suspended (based on SUP 10/2020, eff 17 JUN 21 based on SUP 31/2021): (13-1) VOR Rwy 35, (11-01D) Missed apch with Comm fail Rwy 35, (19-11) Visual Approach Rwy 35.

For RWY 35 all STARs & SIDs (conventional and RNAV) are suspended.

Redesignation of TWYs (based on AIRAC SUP 043-19). Refer to temporary chart 10-8D and latest NOTAMs.

Twy K closed (based on SUP 039-20).

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Vehicle service road connecting Apron 12 and Apron 60 through operational Twys activated. Vehicles crossing from Apron 12 to Apron 60 through Twy A3, abeam Stand 126 and through Twy Q2 abeam stand 600, will be using this vehicle service road. In Low Visibility Operations (LVO) this vehicle service road will be closed. Twy T2 (old Rwy 17/35) is closed. Vehicle service road section abeam Stand 126 will cross Twy A3 perpendicularly. Vehicle service road section abeam Stand 600 will cross Twy Q2 perpendicularly. (Based on SUP 28-21).

**Leida**, Spain, (Alguaire), Outside ATS hrs: Air to Air Self information on 121.325.

**Logrono**, Spain, On ILS Z or LOC Z RWY 29 (11-1) minimums for ILS approach changed as following (based on SUP 72-20, with eff date 25 Mar 21 based on SUP 28-21): CAT A: 1393' (254'), CAT B: 1405' (266'), CAT C: 1413'(274)': RVR 600m, RVR ALS out 1300m. CAT D: 1424' (285'), RVR 650m, RVR ALS out 1400m. When a Flight Director or Autopilot or HUD to DA is not used: CAT ABCD: RVR 750m.

Procedure designation of (16-1) NDB Rwy 29 changed to NDB C, Straight-In Minimums are not available.

**London**, U.K., (Gatwick), (20-9/20-9A) TWY T closed North of TWY J (based on SUP 014-21).

**London**, U.K., (Heathrow), All non 8.33 KHZ equipped acft should contact ATC on published number to obtain ATC clearance and weather information.

Construction works on TWY A between link 30 and 34 (based on SUP 032-21). Refer to temp chart 10-8 and latest NOTAMs.

Construction works on TWY A (South) between TWY C and TWY E (based on SUP 038-21). Refer to temp chart 10-8A and latest NOTAMs.

Trial RNP APCHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 30-20, 27 Aug 20). Pilots wishing to take part in the trial should "Request RNP Yankee" on first contact with HEATHROW Director 119.730. Refer to temporary charts 12-01 thru 12-04. In the event that the required navigation equipment fails, the flight crew shall advise ATC that they can no longer continue with the procedure or are unable to accept the procedure using the phraseology: "(Callsign), unable RNP due equipment". For further assistance email LHROps@nats.co.uk and DD-flightperformance@heathrow.com.

**London**, U.K., (Luton), (56-1) NDB Rwy 25 not available. NDB(L) LUT 345.000 KHZ unavailable until further notice. For all other instrument flight procedures during this time, the position of the LUT NDB can be defined by I-LTN/I-LJ D3.9, BKY VOR R-244/D13 as required.

**Luxembourg**, Luxembourg, Rwy Refurbishment Works (based on SUP 021-21). Refer to temp chart 10-8/10-8A and latest NOTAMs.

**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) CAUTION: Birds in vicinity of aerodrome per SUP 013-17

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.

**Madrid**, Spain, (Adolfo Suarez Madrid-Barajas), (10-3X6, 10-3X8, 10-3X12) Modify climb gradients to read as follows.

BARDI 3S: 5.6% until MD052.

CCS 2S, CCS 4V: 6.5% until CCS.

SIE 2S: 5.6% until MD811.

ZMR 2S: 5.6% until MD033.

BARDI 3V, ZMR3V: 6.5% until NVS.

(all SIDs and all noise charts) Charts 10-3 through 10-3X4 and 10-4/10-4A are temporarily replaced. Use 10-3X5 through 10-3X22 and 10-4B instead. Based on SUP 117-21. Refer also to latest NOTAMs.

Based on SUP 117-21:

BRA VOR u/s. Following IAPs are not usable: ILS Z or LOC Rwy 18L (Initial Apch) (11-1), ILS Z Rwy 18L (Final Apch) (11-1A), CAT II/III ILS Z Rwy 18L (Final Apch) (11-1B), LOC Rwy 18L (Final Apch) (11-3), ILS Z or LOC Rwy 18R (Initial Apch) (11-4), ILS Y Rwy 18R (still avbl), ILS Z Rwy 18R (Final Apch) (11-4A), CAT II/III ILS Z Rwy 18R (Final Apch) (11-4B), LOC Rwy 18R (Final Apch) (11-6), ILS W Rwy 32R (11-11), CAT II/III ILS W Rwy 32R (11-11AA), VOR Rwy 18R (13-1), VOR Rwy 32L (13-2).

CAUTION: additional restrictions may apply if SUP 118-21 is activated.

Based on SUP 117-21:

BRA VOR u/s. Following additional temporary IAPs are established: ILS U Rwy 18R (charts 11-03/11-03AA), ILS V Rwy 32L (chart 11-04), CAT II/III ILS V Rwy 32L (chart 11-04AA), ILS V Rwy 32R (chart 11-05), CAT II/III ILS V Rwy 32R (chart 11-05AA).

CAUTION: additional restrictions may apply if SUP 118-21 is activated.

Based on SUP 118-21, to be activated by NOTAM:

Due to celebration of "Columbus Day" and preparation for this event all IAPs are suspended. Following temporary IAPs are available: ILS X Rwy 18L (charts 11-01 and 11-01AA), ILS X Rwy 18R (charts 11-02 and 11-02AA), ILS V Rwy 32L (chart 11-04), CAT II/III ILS V Rwy 32L (chart 11-04AA), ILS V Rwy 32R (chart 11-05), CAT II/III ILS V Rwy 32R (chart 11-05AA).

CAUTION: temporary IAP ILS U Rwy 18R (charts 11-03 and 11-03AA), based on SUP 117-21, is not available.

Refer also to latest NOTAMs.

Construction works for new TWY Q (based on SUP 135-20, eff 9 SEP 2021 based on SUP 128-21) in progress. Refer to temp charts 10-8N thru 10-8P1 and latest NOTAMs.

Construction works on TWY D1, D2 and H4 (based on SUP 137-21) in progress. Refer to temp chart 10-8D and latest NOTAMs.

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- Construction works on TWYs M29, M30 and KA1 (based on SUP 139-21) in progress. Refer to temp chart 10-8E and latest NOTAMs.
- Obstacle compliance works will take place in the margins and strips of RWYs 18R/36L, 14R/32L, 14L/32R and associated TWYs (based on SUP 82-21). Refer to temp charts 10-8C1 and 10-8C2 and latest NOTAMs.
- Works for extension of ramp 7 (based on SUP 40/20, with eff date 20 MAY 21 based on SUP 75/21). Refer to temporary charts 10-8B, 10-8C and latest NOTAMs.
- Works on Ramp 0 (based on SUP 032/20, eff 20 MAY 2021 based on SUP 70-21). Please refer to temp charts 10-8Q thru 10-8U and latest NOTAMs.
- Works on TWYs A27, KC2 and the junction TWYs A29, A28, KB1 and KB2 and the junction TWYs N2, N3, Gate 11 and G11 (based on SUP 68-21). Refer to temp chart 10-8J and 10-8K and latest NOTAMs.
- Works on TWYs R1, R5, R6, R7, R8, Z2 and Z4 (based on SUP 094-19, with Eff date 08 OCT 20 based on SUP 109-20). Refer to temp charts 10-8F, 10-8G and 10-8H and latest NOTAMs.
- Madrid, Spain, (Torrejon), (30-3, 30-3A, 30-3C, 30-3F, 30-3H) SIDs BARDI 2H, CCS 3H, NANDO 3H, VTB 3Z & ZMR D11 unusable.**
- Following facilities out of service: ABN, REIL RWY 04, 04D & 22 and retractable cable barrier bidirectional LETO 03-C-B (based on SUP 149/21).
- IAP VOR A (chart 33-2) not available.
- Malaga, Spain, (Costa Del Sol), Air TWY EH out of service (based on SUP 001-21, from 15 JUL 21 based on SUP 097-21).**
- Apt will not be available for ACFT of higher code letter than the A380 family (based on Sup 93-21).
- For temporary Low Visibility Procedures (LVP) (based on SUP 153-21) refer to TEMP charts 10-1P16 thru 10-1P19 and latest NOTAMs. Eff 07 Oct 21.
- For temporary Take-Off Minimums (based on SUP 153-21) refer to TEMP chart 10-8L and latest NOTAMs. Eff 07 Oct 21.
- JRZ VORDME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM) LOST COMM Procedures changed. (11-5) ILS Y or LOC Z Rwy 31, (12-42) GBAS Z RWY 31 and (13-3) VOR RWY 31: Climb on rwy heading direct to MLG VOR, then turn LEFT (MAX 210 KT) to intercept and follow R-269 MLG to D7.7 MLG. Turn RIGHT (MAX 230 KT) onto heading 360°, then turn LEFT to intercept inbound R-147 MAR to MAR VOR to join holding at or above 6000'. Do not climb above FL75 throughout missed approach. Once in in holding climb to join VULPE 3J at FL90. Refer also to latest NOTAMs.
- JRZ VORDME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM) LOST COMM Procedures changed. (11-6) ILS Y or LOC Y Rwy 31 and (12-43) GBAS Y RWY 31: Climb on rwy heading direct to R-251 AGP, then turn LEFT (MAX 210 KT) to intercept and follow R-267 AGP to D8.7 AGP. Turn RIGHT (MAX 230 KT) onto heading 360°, then turn LEFT to intercept inbound R-147 MAR to MAR VOR to join holding at or above 6000'. Do not climb above FL75 throughout missed approach. Once in in holding climb to join VULPE 3J at FL90. Refer also to latest NOTAMs.
- Temporary unavailability of VOR DME JRZ (based on AIRAC SUP 96-21, to be activated by NOTAM).
- Following changes apply to STARs:  
JRZ 1J (10-2E): expect RADAR assistance between JRZ and KURET,  
JRZ 1K (10-2D): expect RADAR assistance between JRZ and D34 JRZ,  
SVL 3J (10-2E): MEA raised to FL100 between SVL and MAR, MAR MHA FL100,  
VJF 2J (10-2E): expect RADAR assistance between D36.9 VJF and KURET,  
VULPE 3J (10-2E): MEA raised to FL100 between VULPE and MAR, MAR MHA FL100.  
KURET holding not usable.
- Following changes apply to SIDs:  
JRZ 1S (10-3E): expect RADAR assistance between D33 MGA and JRZ,  
JRZ 2H (10-3D): expect RADAR assistance between ALORA and JRZ,  
JRZ 2P (10-3F): expect RADAR assistance between D33 MGA and JRZ,  
SVL 2S/3P (10-3P/3Q): expect RADAR assistance between D33 MGA and D26.6 JRZ. (Until approx. 15 JUL 22)
- Works on Aprons R-3 & R-4 (based on SUP 43-21, eff 20 MAY 21 based on SUP 74-21). Please refer to TEMP charts 10-8H thru 10-8K and latest NOTAMs.
- Manchester, U.K., CAT II ILS DME Rwy 05L (11-1A) CAT B DA(H) changed to 327' (115') and CAT B RA changed to 125'.**
- Mariehamn, Finland, (10-9) AIRPORT, PARKING, AIRPORT INFO, TAKE-OFF MNMS.** Renovation works are carried out at the apt (based on SUP 018-21 AIRAC). The whole apt is temporarily closed to air traffic as follows: RWY 03/21 is not in use for take-off or landings. Period: 16 MAY 21, 0400 UTC thru 3 JUL 21, 1500 UTC. Refer also to latest NOTAMs.
- Menorca, Spain, Construction works on approach lights RWY 01 (based on SUP 101-20) will be carried out. Refer to temp chart 10-8 and latest NOTAMs.**
- Milan, Italy, (Malpensa), (10-2X3/2X4) Temporary STARs RWY 17R established (based on SUP 018/21). Refer to temp charts and latest NOTAMs.**

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Construction works on RWY 17L/35R (based on SUP 018-21). Refer to temp charts 10-8 (PHASE 1) and 10-8A (PHASE 2) and latest NOTAMS. During PHASE 1 temporary procedures established: LOC W Rwy 17R (11-01), LOC V Rwy 17R (11-02), ILS W or LOC W Rwy 35L (11-03) and CATII/III ILS W Rwy 35L (11-03AA). The following charts are suspended during PHASE1: ILS Z OR LOC Z Rwy 17L (11-1), ILS X OR LOC X Rwy 17L (11-2), ILS Z ORLOCZ Rwy 35R (11-5), CAT II/III ILS Z Rwy 35R (11-5A), ILS Y Rwy 35R (11-6), CAT II/III ILS Y Rwy 35R (11-6A), RNP Z Rwy 17L (12-1), RNP Y Rwy 17L (12-2), RNP Rwy 35R (12-6), VOR Rwy17L (13-1) and VOR Rwy 35R (13-3).

(STARs - LOST COMM non-RNAV equipped ACFT)  
When approach clearance was not yet received: maintain assigned level and proceed according to current FPL to NOBKE/NOV NDB (RWY 35L) or MMP (RWY 17R), descend and start approach (based on SUPP18/21, Phase 1).

(STARs - LOST COMM RNAV equipped ACFT)  
When approach clearance was not yet received: maintain assigned level and proceed along assigned STAR, or expected STAR if not assigned, until INLER (RWY 35L) or KUPBE/MMP (RWY 17R), descend to minimum holding altitude and start approach (based on SUPP18/21, Phase 1)

**Montijo**, Portugal, (Montijo AB), Red unserviceability lights are not installed on the following locations: West Side THR19, East and West side RWY 01/19, North side RWY 08/26, South of interception with TWY A3 and A4, South of interception with TWY A5, A6 and H2. (Based on SUP 25-17).

Rwy 08/26 unusable for jet acft due to degraded pavement, except for emergencies and based acft.

RWY 26 PALS CAT I unserviceable (based on MIL SUP 019-19).

TWY A2 and TWY E closed (based on MIL SUP 28/21).

Use CAUTION while taxiing on TWY B2 between Apron S1 and THR 26 due to damaged pavement.

Use caution while taxiing on TWY C centerline abeam stand C3 & on East side of North Apron centerline due to damaged pavement.

Use CAUTION while taxiing on TWYs B1, B2 and C due to damaged pavement.

**Montpellier/Mediterranee**, France, STARs KELAM 6T (10-2A) & PPG 6T (10-2C), SIDs KELAM &, PPG 6N & 6S (10-3J); PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.

**Mostar**, Bosnia and Herzegovina, Based on SUP 003/19 new temporary procedure (12-01) RNP Rwy 33 established on trial basis- refer to temp chart and latest NOTAMS.

**Munich**, Germany, Construction works on Apron 1 - PHASE 1&2 (based on SUP 32-19). Refer to temp chart 10-8 and latest NOTAMS.

Construction works on apron 12. Helicopter stands Z1 and Z2 will be established (based on SUP 09-21). Refer to 10-8F and latest NOTAMS.

Construction works on aprons 3, 5 and 12 in five phases (based on SUP 11-21). Refer to temp charts 10-8C and 10-8D and latest NOTAMS.

Construction works on northern manoeuvring area (based on SUP 15-21). Refer to temp chart 10-8G and latest NOTAMS.

**Murcia**, Spain, (Alcantarilla AB), ATR NDB withdrawn. IAP NDB Rwy 07 (chart 26-1) withdrawn.

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

**Nador**, Morocco, (Arwi), Based on NOTAM A0546/21 minimums changed as follows: (12-1) RNAV (GNSS) RWY 08 MDA(H) 1000' (406'), CAT C&D VIS 2000m.

(12-2) RNAV (GNSS) RWY 26 MDA(H) 1000' (429'), CAT C VIS 2000m, CAT D VIS 2400m.

**Nancy**, France, (Ochey AB), Based on NTMS M2541/21 and M2543/21 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.

**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.

Creation of a new temporary parking stand 56L (based on SUP 103-21). For details refer to TEMP chart 10-8 and latest NOTAMS.

**Nis**, Serbia-Montenegro, (Konstantin Veliki), Based on SUP 001/21 new temporary procedure (16-01) NDB Rwy 11 established. Refer also to latest NOTAMS.

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

**Olbia**, Italy, (Costa Smeralda), For construction works on RWY 05/23 (based on SUP 011/21), refer to temporary charts 10-8, 10-8A, 12-01 and 13-01 and latest NOTAMS. During construction works ILS or LOC RWY 23 (11-2), RNP Z RWY 23 (12-2), RNP X RWY 23 (12-3) and VOR RWY 23 (13-2) suspended.

**Oslo**, Norway, (Gardermoen), Due to single rwy ops (based on SUP 01/21, eff 25 Mar 21 based on SUP 007-21) Rwy 01L/19R will mainly be used during normal ops. During de-icing and/or snow clearance, for departure north Rwy 01L is in use, de-ice on A-South, for departure south Rwy 19L is in use, de-ice on B-North. Advise TWR upon first contact after de-icing if run-up time is necessary. As an exception Rwy 19R can be used. Between 2230-0630LT, if a southerly traffic flow prevails, RWY 19R is in use, de-ice

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on A-South. During LVP in force: Rwy 01L used for departure north, Rwy 19L (exceptionally Rwy 19R) used for departure south.

**Ostend-Brugge**, Belgium, (Ostend), Construction works on Apron 2 (based on SUP 007-21). Refer to temp chart 10-8 and latest NOTAMS .

**Ovar**, Portugal, (Ovar AB), Arresting Gear on RWY 36 completely withdrawn (based on MIL SUP 12/20). Refer to chart 10-9 and latest NOTAMS .  
South entry to Apron 4 closed.

**Palma De Mallorca**, Spain, (10-2A, 10-2D) Due to IBA VORDME being u/s apply the following for LAMPA & RUXET 2M & 2P: Modify general note 1 to read 'RNAV 1 (DME/DME) DME CTN critical.' Construction works on the strip of TWY LINK (based on SUP 153-20). Refer to temp chart 10-8B and latest NOTAMS .

For temporary procedures ILS RWY 06L, LOC RWY 06L, RNP RWY 06L (LPV) and VOR RWY 06L refer to temporary charts 11-01, 11-02, 12-01 and 13-01 and latest NOTAMS . ILS RWY 06L (11-1), LOC RWY 06L (11-2), RNP RWY 06L (LPV) (12-1) and VOR RWY 06L (13-1) temporarily not available (SUP 86-21, with eff date 12 AUG 21 based on SUP 127-21).

When SUP 165-21 is ACTIVE (11-03) ILS Rwy 06L (TEMP) is valid and (11-01) ILS Rwy 06L (TEMP) is NOT valid.

When SUP 165-21 is ACTIVE following procedures are NOT usable: (11-01) ILS Rwy 06L (TEMP), (11-02) LOC Rwy 06L (TEMP), (11-3) ILS Z Rwy 24L, (11-3A) CAT II/III ILS Z Rwy 24L, (11-5) LOC Rwy 24L, (11-6) ILS Z Rwy 24R, (11-8) LOC Rwy 24R, (13-01) VOR Rwy 06L (TEMP), (13-2) VOR Rwy 06R, (13-3) VOR Rwy 24R, (16-1) NDB Rwy 24L. Eff 07 Oct 21.

Works on Airport (based on SUP 116-21). Refer to TEMP charts 10-8D thru 10-8H 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.

**Pamplona**, Spain, Based on SUP 012/21: PAM NDB u/s, following procedures not available: VOR A (chart 13-1), VOR B (chart 13-2), VOR C (chart 13-3), VOR D (chart 13-4).

**Paris**, France, (Charles-De-Gaulle), (21-8) ILS or LOC Rwy 27R and (21-8A) CAT II/III ILS Rwy 27R following note no longer applicable: 'For evaluation of RNP 1 Initial Apch see 20-1P20 thru 20-1P23 and 21-0A9'. (22-8) RNP Rwy 27R following note no longer applicable: 'For evaluation of RNP 1 Initial Apch see 20-1P20 thru 20-1P23 and 21-0A10'.

Closure of RWY 09L/27R and associated TWYs due to construction works (based on AIRAC SUP 108-21). Refer to temporary chart 20-8A and latest NOTAMS .

Modification of ground movements around Terminal 2, Parking areas A, C (based on SUP 023-21). Refer to TEMP chart 20-8D and latest NOTAMS .

**Paris**, France, (Orly), Based on NOTAM A1104/21: Minimums for LOC Rwy 02 (chart 11-1) raised as follows:  
MDA(H) 660'(373'), RVR 1300m, ALS out RVR CAT AB 1500m CAT CD 1700m.

Construction works on twy W42 (based on SUP 134-21). For restrictions refer to temp chart 10-8A and latest NOTAMS .

Renovation works on stand V37 in progress in 4 Phases (based on SUP 170-21).

PHASES 1 thru 3: Stand V37 closed.

PHASE 2: Stands A01 and A11 push-back heading East prohibited. Stand V06 push and pull push-back heading West. TWY W2 closed between stands V06 and A11 both excluded.

PHASE 4 (Final configuration): Stand V37 renamed V07.

Refer also to latest NOTAMS .

Rwy 02/20 width reduced to 191.9/58.5m.

**Perpignan**, France, (Rivesaltes), For mandatory taxi routes (based on SUP 125/21) refer to temporary chart 10-8 and latest NOTAMS .

PPG VOR DME u/s. A temporary mobile VOR DME will be available (based on SUP 195-21). Refer to following temporary charts: (11-01) ILS Z or LOC Z Rwy 33, (11-02) ILS Y or LOC Y Rwy 33, (13-01) VOR Rwy 33, (16-01) NDB Rwy 33 and (19-11) VPT Rwy 15 and latest NOTAMS .

STARs, SIDs: PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.

(10-3C) BAMGO 4N & 4S OMNI DEPS not usable.

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

**Porto**, Portugal, (Francisco SA Carneiro), Construction works on TWY F in progress (based on SUP 013-21, eff 22 APR 21 based on SUP 14-21). Refer to temp charts 10-8/10-8A and latest NOTAMS .

**Porto Santo**, Portugal, VOR RWY 18 (RACETRACK) (chart 13-1) and VOR RWY 18 (BASETURN) (chart 13-2) suspended. (Based on SUP 023-21, EFF 12-Aug-21 based on SUP 040-21)

**Pristina**, Serbia-Montenegro, (Adem Jashari), Construction works in progress (based on SUP 01/2019). For details refer to temp chart 10-8 and latest NOTAMS .

Due to construction works approach lights RWY 35 changed to 420m. On procedures VOR DME P RWY 35 (13-2) and VOR DME S RWY 35 (13-3) minimums for CAT C changed to: ceiling 700' - RVR 2400m, ALS OUT: ceiling 700' - 2800m.

**Roanne**, France, ROANNE Information avbl in English with PPR.

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

**Roros**, Norway, Construction works close to Rwy (based on SUP 006-21) during period: 18 May 2021 - 25 Jun 2021 from Monday until Friday 07:00LT - 16:00LT.

**Salamanca**, Spain, (Matacan), (11-1) ILS Z Rwy 21, (11-2) LOC Z Rwy 21, (13-1) VOR Rwy 03 and (13-2) VOR Rwy 21 unavailable. Temporary procedure ILS DME X Rwy 21 established (SUP 112-20, with eff date 20 MAY 21 based on SUP 65-21), refer to temp chart (11-01) and latest NOTAMS .

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Construction works on TWYs T1, T2, T3, T4, T5, C3, C5 and C6 (based on SUP 156-20). Refer to temp charts 10-8/10-8A and latest NOTAMS.

**San Sebastian**, Spain, For construction works on Turn Pads refer to 10-8 chart and latest NOTAMS (based on SUP 34-20).

**Santander**, Spain, (Seve Ballesteros-Santander), For restrictions due to marking works for new configuration of Commercial apron (based on SUP 161-21) refer to temporary charts 10-8/10-8A and latest NOTAMS. Eff 07 Oct 21.

Handling required for BA and GA operations arriving from any airport located outside Spanish territory. It is compulsory to hire the complementary ramp service for passenger transport between the aircraft and the terminal building. Name of handling agent hired shall be included in FPL, item 18, RMK.

**Santiago**, Spain, (Rosalia de Castro), Construction works on rwy in progress, based on SUP 128-20. Following restrictions apply:

- Phase 1: RWY closed between 0000-0600 LT except requested 30 min before start of closure.
- Phases 2 and 3: CL not available. RWY closed between 0000-0600 LT except requested 30 min before start of closure. CAT IIIB approaches not permitted from sunset to sunrise.

Refer also to latest NOTAMS.

Due to levelling works on rwy strip, following aeronautical systems rwy 17 restricted (based on SUP 71-21). Caution is recommended in all working zones due to the presence of personnel and machinery. During phase 1: Rwy closed. Anemometer, RVR and ceilometer at THR 17 unavailable. During phase 2: Rwy closed. WDI at THR 17 unavailable. During phase 3: Right wing of PAPI 17 unavailable. Refer also to latest NOTAMS.

For construction works on TWY T (based on SUP 63-20, eff 20 MAY 21 based on SUP 73/21) refer to temporary charts 10-8C and 10-8D and latest NOTAM.

Refurbishment for objects in operational areas and transverse slopes of the strip (based on SUP 41/20, eff 25 MAR 21 based on SUP 32/21). Works will take place within view of traffic on RWY strip and RESA. During Phase 2 the RWY will be closed at night-time unless use is requested 30 minutes before closure takes place. Refer to latest NOTAMS.

Works on parking stands 6 thru 8 (based on SUP 111-21). Refer to TEMP chart 10-8K and latest NOTAMS.

Works on TWYs E1 and E2 (based on SUP 33-21). Refer to temporary charts 10-8, 10-8A and 10-8B and latest NOTAMS.

Works on visual aid system on apron (based on SUP 046-20, eff 22 APR 21 based on SUP 34-21). Refer to temporary charts 10-8F, 10-8G, 10-8H and 10-8J and latest NOTAMS.

**Scampton**, U.K., Rwy 04/22 width decreased to 177/54m.

**Scatsta**, U.K., (10-1R) Trans alt chgd to 3000'.

**Sebha**, Libya, First 300m of Rwy 13 closed.

**Seinajoki**, Finland, Based on AIRAC SUP 075/20 (11-2) ILS Y or LOC Y Rwy 32, (16-1) NDB Rwy 14, (16-2) NDB Rwy 32: MSA raised in Sector SW to 2400'.

**Seville**, Spain, Temporary unavailability of VOR DME JRZ (based on AIRAC SUP 96-21, to be activated by NOTAM).

Following changes apply to STARs:

MAR 5F, VIBAS 4F (10-2C): expect RADAR assistance between D27 JRZ and TENDU,

VJF 4F (10-2E): expect RADAR assistance between VJF and TENDU.

Following changes apply to SIDs:

CLANA 3G (10-3E): climb gradient 4% until at or above 2000' at LAMAR, expect RADAR assistance between LAMAR and CORIA,

JRZ 2G, VJF 2G (10-3D): climb gradient 4% until at or above 2000' at LAMAR, expect RADAR assistance between LAMAR and JRZ,

JRZ 2R (10-3D): expect RADAR assistance between D27SVL and JRZ.

(Until approx. 15 JUL 22)

**Shannon**, Ireland, (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).

**Shark El Oweinat**, Egypt, RWY 01/19 closed due to WIP, available only for Egyptian Air Force (based on SUP 019-21).

**Sharm El Sheikh**, Egypt, Ufn RNAV SIDs/STARs suspended.

**Shawbury**, U.K., (18-2) PAR Rwy 18, DA(H) and minimums increased to: CAT A 632' (390'), CAT B 642' (400'), 1300m with ALS, 2100m w/o ALS, CAT C & D 652' (410'), 1500m (CAT C 1400m) with ALS, 2300m (CAT C 2200m) w/o ALS. (18-4) PAR Rwy 23, DA(H) and minimums increased to: CAT A 588' (350') 1900m, CAT B 598' (360'), 2000m, CAT C 608' (370'), 2000m, CAT D 618' (380') 2100m. (18-6) PAR Rwy 36, DA(H) CAT D increased to 467' (230').

**Sintra**, Portugal, (Sintra AB), ALS only available with 30 minutes prior request.

**Southampton**, U.K., ACFT that are not equipped for 8.33 kHz frequencies cannot operate at this apt. Locator EAS/Southampton 391.5 kHz is unserviceable (based on SUP 035-21). Refer also to latest NOTAMS.

**St Yan**, France, (10-1R) Several sectors revised. Construction works (Phase 2) in progress (based on SUP 167-21). Refer to TEMP chart 10-8 and latest NOTAMS.

**Stockholm**, Sweden, (Skavsta), (30-9) PAPI-L Rwy 16 is out of service.

**Stokmarknes**, Norway, (Skagen), (11-1) LOC RWY 08, (11-2) LOC RWY 26, (13-1) VOR RWY 26 and (13-2) VOR A SKG holding bearings shall read 054°/234°. (13-1) VOR RWY 26 missed apch bearing after LEFT turn shall read 014°.

**Strasbourg**, France, (Entzheim), During conditions where the RWY is no longer dry (RWY Condition Code different from 6/6/6) pilots are invited to report by AIREP their assessment of the braking performance and type of acft (Based on AIC A 018-20).

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- Stuttgart**, Germany, Construction works on TWY M (based on SUP 34-20, eff 25 MAR based on SUP 008-21), Refer to temp chart 10-8 and 10-8A and latest NOTAMS.
- Suhag**, Egypt, (Suhag Intl), Procedure title changed for (13-1) to VOR Rwy 15, (13-2) to VOR Rwy 33. VAR changed to 4 °E and all bearings by minus 1°. MSA based on ARP.
- Taba**, Egypt, (Taba Intl), Ufn RNAV SIDs/STARs suspended.
- Tabarka**, Tunisia, (7 November), (10-9) Stands 1, 2 and 3 renamed to A1, A2 and A3.
- Tampere**, Finland, (Pirkkala), Construction works, temporary Rwy 06C/24 established (based on AIRAC SUP 053-21, EFF 17 JUN 21; AIRAC SUP 110-21, EFF 2 AUG 21). Refer to temporary charts 10-8, 10-9Y1 and latest NOTAMS.
- Tanagra**, Greece, Following STAR procedures for Rwy 28C are suspended due to NOTAM M0772/20:  
(10-2) AGH 3E, ATV 3A, IXONI 3A  
(10-2A) SKP 3D, SOSIR 3A/3B.
- Tel Aviv**, Israel, (Ben Gurion), (12-20) RNP Y Rwy 30 (AR) suspended.
- Tenerife-North**, Canary Is, (Cuidad de La Laguna), (20-1R, SID/STARs) Airport name changed to CIUDAD DE LA LAGUNA.
- For restrictions due to works on twy pavement resurfacing (based on SUP 66-21), refer to temporary charts 20-8 thru 20-8C and latest NOTAMS.
- Tenerife-South**, Canary Is, (Reina Sofia), AD name chgd to 'Tenerife-South'.
- Toulouse**, France, (Blagnac), (10-3C) SIDs PPG 5A & 5B: PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.
- 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.
- (RNAV SIDs) RNAV SID FISTO 5P on chart 10-3J suspended. For experimental purposes new temporary RNAV SIDs FISTO & LACOU 5Q established on trial basis. Refer to temp chart 10-3J1 and latest NOTAMS. Based on SUP 065/21.
- Toulouse**, France, (Franczal), (20-2B, 20-2C) PPG VOR DME u/s. A temporary mobile VOR DME PPG 117.2 MHz will be available.
- ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.
- RWYs 11 and 29 PAPI-L (3.00°) installed.
- Tozeur**, Tunisia, (Nefta), Construction works on rwy 27 (based on SUP 006-20). Refer to temporary 10-8, 10-9S1 and temporary procedures VOR Z RWY 27 (13-01) and VOR Y RWY 27 (13-02) and latest NOTAMS.
- ILS Z OR LOC Z RWY 09 (11-1), ILS Y OR LOC Y RWY 09 (11-2), VOR Z RWY 27 (13-2), VOR Y RWY 27 (13-3) and VOR X RWY 27 (13-4) are suspended.
- 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. Eff 17 Oct 13 following procedures withdrawn: STARs BENI WALID1B & 1F, MISRATA 1B & 1F, MIZDA 1B and SIDs BENI WALID 1D & 1H, GARUS 1G, MISRATA 1D & 1H, SARKI 1D.
- Apt closed ufn (based on SUP 010/21).
- TWR freq changed to 118.1MHz
- Uppsala**, Sweden, (Uppsala AB), (11-1) ILS or LOC Rwy 21 and (16-1) NDB Rwy 21: due to temporary crane (based on SUPP 88/19) Circling MDA(H) for CAT B raised to 810' (741') and for CAT CD raised to 910' (841'). Circling West of Rwy is not concerned.
- Vagar**, Faroe Is, (10-3B) RWY 12 departure limitation due to wind speed - permissible sector when wind more than 15 KT under clarification, caution advised.
- Valencia**, Spain, Construction works on airport (based on SUP 72-19, with eff date 13 AUG 20 based on SUP 87-20). Refer to temp pages 10-8D thru 10-8H and latest NOTAMS.
- Verona**, Italy, (Villafranca), For construction works (based on SUP 015/21) refer to temporary charts 10-8 and 10-8A and latest NOTAMS.
- Vigo**, Spain, (12-1) RNP Z Rwy 01 (LPV), (12-2) RNP Y Rwy 01, (12-3) RNP X Rwy 01, (12-4) RNP Z Rwy 19 (LPV), (12-5) RNP Y Rwy 19 (based on Amdt 238-20) TCH 50'.
- Vila Real**, Portugal, ALS Rwy 02 out of service (based on SUP 13-18).
- Villacoublay**, France, (Velizy AB), IATA code is VIY.
- Vitoria**, Spain, Works on service roads (based on SUP 37/20, from 28-Jan-21 based on SUP 05/21). During Phase D TWY B2 is closed and access to the apron exit shall be accomplished via TWYs C2 and D. Refer also to latest NOTAMS.
- 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').
- Waterford**, Ireland, (11-1) ILS or LOC Rwy 21: ILS minimums changed as follows: DA(H) CAT A: 370' (257'), CAT B: 380' (267'), CAT C: 390' (277'); ALS FULL: RVR 600m (RVR 500m when a Flight Director or Autopilot or HUD toDA is not used), ALS out: RVR 1300m (based on NOTAM A1568/21).
- (16-1) NDB Rwy 03: straight-in minimums changed as follows: DA/MDA(H) 490' (404'), with ALS: RVR 1500m, ALS out: CAT AB: RVR 1500m, CATC: RVR 1900m (based on NOTAM A1563/21).
- Wattisham**, U.K., ILS not to be used for auto-coupled approaches.
- Procedure established outside controlled airspace note withdrawn.
- Yeovil**, U.K., (Westland), (10-9) Aerodrome closed to fixed-wing acft. CAUTION note deleted: Caution required for propeller-driven fixed wing acft.

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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), RWY 31 taxiing and vacating instructions (based on SUP 009/20). When landing on RWY 31, ACFT above code letter B expect backtrack to vacate RWY via TWY G.

**Zagreb**, Croatia, (Franjo Tudman), Based on SUP 001-21 procedures (11-1) ILS or LOC Rwy 04, (11-1A) CAT II/III ILS Rwy 04, (16-1) Lctr Rwy 04 are temporarily suspended and replaced by (16-01) Lctr Z Rwy 04. Refer also to latest NOTAMs.

**Zaragoza**, Spain, (18-1) PAR and SRE approach to all RWYs not available (based on SUP 124-19). ABN out of service. (SUP 124-19, with eff date 8 OCT 20 based on SUP 110-20)

**Zurich**, Switzerland, SID procedures suspended:  
(10-3L2) GERSA 1H & 1N  
(10-3L5) SONGI 1H & 1N