

EUROPE

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

ENROUTE CHARTS

GENERAL

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

CYPRUS / GREECE

ATS ROUTE SYSTEM (HIGH/LOW) revised within Athens FIR, Hellas UIR and Nicosia FIR/UIR. For details refer to CCN 303. **E LO-14.**

CZECHIA

ATS ROUTE SYSTEM (LOW) revised within Czechia. For details refer to CCN 313/314. **E LO-11, E LO-12.**

FINLAND

CPDLC within Helsinki FIR/UIR Data Links ADS changed to EFIN. (N59 E021). **E LO-7, E LO-8, E LO-9.**

GERMANY

CDR 2 and 3 status withdrawn from all ATS routes within Germany. **EDDM 10-1.**

IRELAND

FRA waypoints estbld within Shannon FIR:

- BAMLI, N5408.5 W00639.1
- BUNON, N5222.5 W00932.6
- DEGOS, N5411.4 W00654.4
- DIRUM, N5300.2 W00639.7
- ELBOB, N5444.0 W00744.6
- ELTIG, N5145.2 W00750.1
- ENOKU, N5306.1 W00739.7
- ERABI, N5300.9 W00934.1
- GILAN, N5513.8 W00703.0
- GOTEM, N5149.4 W00749.2
- JABEX, N4900.0 W00930.2
- KOMAG, N5143.6 W00836.9
- KORAK, N5323.7 W00747.6
- LESLU, N5100.0 W008.00.0
- LUNIG, N5223.8 W00816.6
- LUPOR, N5232.5 W00942.1
- MAPAG, N5100.0 W00830.0
- MOLAK, N5436.8 W00930.4
- MOMIN, N5306.8 W00923.6
- MOPAT, N5129.9 W00705.6
- NIPIT, N5427.2 W00824.2
- NORLA, N5137.2 W00652.2
- RINUS, N5338.7 W00739.7
- SAMON, N5119.4 W00725.1
- SOVIX, N5125.7 W00833.8
- SUROX, N5359.8 W00659.6
- TADEx, N5451.4 W00814.0
- TORLU, N5259.3 W00735.0
- TUGSI, N5400.0 W00711.0
- TUVEN, N5100.0 W00815.0
- ULTAG, N5342.0 W00644.3
- UNBEG, N5248.3 W00943.8.

E LO-2.

NETHERLANDS

CDR 2 & 3 status is withdrawn from all ATS routes within Amsterdam FIR. **E LO-2.**

NORTH MACEDONIA

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

POLAND

FRA waypoint estbld: LAJQU at N5324.7 E01604.0. **E LO-10.**

ALGERIA

ATS ROUTES changed:

R978; KAMER (N3900.0 E00605.3) to NADJI, MEA FL120. **E LO-6.**

AUSTRIA

BUWUT NCRP estbld at N4848.3 E01518.8. **E LO-12.**

BELGIUM

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

CROATIA

GRID MORA (N42-N43/E015-E016) should read 3000'. **E LO-13, E LO-14.**
 GRID MORA (N43-N44/E014-E015) should read 2600'. **E LO-13.**

CZECHIA

ATS ROUTES changed:

Z30, Vozice VORDME (VOZ) to TIVAP, CDR 1. (N49 E015). **CCN 314.**

GRID MORA (N50-N51/E014-E015) should read 5600'. **E LO-11.**

LK(P)-13 withdrawn (N49 E017). **CCN 313.**

DENMARK

ATS ROUTES changed:

P603, GREFI (N5500.0 E00551.5) to KARLI, withdrawn. **E LO-1, E LO-2.**

ESTONIA

AMARI VORTAC (AMI) freq/channel chgd to 115.3/100X (N59 E024). **E LO-8, E LO-9.**

KURESSAARE Lctr 'MA' withdrawn. (N58 E022). **E LO-8, E LO-9.**

EUROPE

FRANCE

ATS ROUTES changed:

- A1, [SPR29] (N4603.8 E00649.7) renamed WEBCA, [SPR20] renamed ODNUP and [TMA32] renamed SOFIK. **LIMC 10-1.**
- A9, Ajaccio VORDME (AJO) to TORTU, cruising levels chgd to NON-standard, EVEN levels N-bound (N41 E008). **E LO-13.**
- A25, PIQFU NCRP estbl'd at N4607.7 W00112.6; LUSON - PIQFU - OLERO, 23/10NM. **E LO-4.**
- 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, AUCHE (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.**
- G21, Grostenquin VORDME (GTQ) to MAKOT, cruising levels chgd to NON-standard, EVEN levels NE-bound (N48 E006). **EDDF 10-1.**
- 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.**
- L42, POULP (N4120.0 E00834.2) - Ajaccio VORDME (AJO), cruising levels chgd to NON-standard, EVEN levels N-bound. **E LO-14.**
- L146, LIBLO (N4215.1 E00849.7) to MOULE, cruising levels chgd to NON-standard, EVEN levels NE-bound. **E LO-13.**
- M194, Ajaccio VORDME (AJO) - REVDO, cruising levels chgd to NON-standard, ODD levels S-bound (N41 E008). **E LO-14.**
- M603, ORKUM (N4033.8 E00729.0) - ELSAG, cruising levels chgd to NON-standard, EVEN levels E-bound. **E LO-14.**
- M623, ZEFIR NCRP estbl'd at N4150.5 E00803.3; RIDHO NCRP estbl'd at N4136.5 E00805.4; LOKDU - ZEFIR - RIDHO - AMPES, 8/14/12NM; LOKDU to AMPES MOCA withdrawn. **E LO-14.**
- M980, RATAP (N4243.4 E00906.3) - MEGER, cruising levels chgd to NON-standard, EVEN levels N-bound. **E LO-13.**
- Q252, Grostenquin VORDME (GTQ) - ERADI, cruising levels chgd to NON-standard, EVEN levels N-bound (N48 E006). **EDDF 10-1.**
- Q302, Marseille Provence NDB (MJ) replaced by LACAZ CRP at same position (N43 E005). **LFMN 10-1, LFML 10-1, 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.**
- Y16, Calvi Sainte Catherine NDB (CV) - MILNO, cruising levels chgd to NON-standard, EVEN levels NE-bound (N42 E008). **E LO-13.**

- Z152, Marseille Provence NDB (MJ) replaced by LACAZ CRP at same position (N43 E005). **LFMN 10-1, LFML 10-1, E LO-5.**
- Z924, SUPUX (N4025.5 E00800.0) to RIPAL, cruising levels chgd to NON-standard, ODD levels SW-bound **E LO-14.**

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.**
- CARCASSONNE SALVAZA DME (CS) decmsnd. (N43 E002). **LFBO 10-1.**
- COTE D'OPALE NDB (LT) decmsnd. (N50 E001). **E LO-3.**
- GROSTENQUIN VORDME (GTQ) frequency chgd to 115.05, until 31 DEC 20 (N48 E006). **E LO-3, E LO-4, EDDF 10-1.**
- 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:

- ELBE VORDME (LBV) decmsnd and replaced by ELSOB NCRP at same position (N53 E009). **E LO-10.**
- L610, UNKUL (N4908.2 E01127.6) - UPALA, CDR 1 status withdrawn. **EDDM 10-1.**
- L725, ZUREX NCRP estbl'd at N4746.4 E01214.5; BADVI - ZUREX - UNKEN, 12/15NM. **E LO-12, EDDM 10-1.**
- L856, TRAUN (N4758.5 E01235.3) to Kempten VORDME (KPT), W-bound MAA FL660. **EDDM 10-1.**
- L980, EHZOF NCRP estbl'd at N5210.6 E00740.4; Osnabrueck VOR (OSN) - EHZOF - AMSAN, 23/21NM. **E LO-10, E LO-3, E LO-11.**
- LUEBECK VOR (LUB) decmsnd and replaced by LUGEG NCRP at same position (N53 E010). **E LO-8, E LO-10.**
- M852, ULSEN (N5250.8 E01034.9) - Hehlingen VORDME (HLZ), CDR 1. **E LO-10, E LO-11.**
- MICHAELSDORF VOR (MIC) decmsnd and replaced by MICOS NCRP at same position (N54 E011). **E LO-8, E LO-10.**
- NCRP at N5053.9 E01026.1 name should read ROBEL. **E LO-11.**
- P45 estbl'd; USEDU NCRP (N5357.2 E01358.0) - FARCUC NCRP at N5353.6 E01412.8, 107°, 9NM, MEA 4000', MAA FL280, one-way SE-bound. **E LO-8, E LO-10.**
- P46 estbl'd; TORLO NCRP (N5345.7 E01347.8) - FARCUC NCRP at N5353.6 E01412.8, 057°, 17NM, MEA 4000', MAA FL280, one-way NE-bound. **E LO-8, E LO-10.**
- Q243 estbl'd; NEVKO NCRP (N5051.5 E01118.4) - BAMKI NCRP, 229°, 14NM, MEA 5000', MAA FL310; BAMKI - NIBIL NCRP, 155°, 56NM, MEA 6000', cruising levels NON-standard, ODD levels S-bound; NEVKO to NIBIL, one-way S-bound. **E LO-11.**

EUROPE

Q244 estbld; NEVKO NCRP (N5051.5 E01118.4)
- TABAT NCRP, 151°, 20NM, MEA 5000', MAA
FL310; TABAT - KULOK NCRP, 169°, 29NM,
MEA 6000'; KULOK - BAROB NCRP, 181°, 7NM,
MEA 5000'; BAROB - NIBIL NCRP, 200°, 7NM,
MEA 5000'; KULOK to NIBIL, cruising levels
NON-standard, ODD levels S-bound; NEVKO to
NIBIL one-way S-bound. **E LO-11.**

Spessart NDB (PSA) decmsnd and replaced by
SPESA NCRP at same position. (N49 E009).
E LO-11, EDDF 10-1.

T189, BAMKI (N5043.1 E01101.2) - NIBIL,
withdrawn. **E LO-11.**

T192, TABAT (N5033.5 E01131.9) to NIBIL,
withdrawn. **E LO-11.**

T203, UNBIB NCRP estbld at N5106.0 E01331.8;
BESIP - UNBIB - OSKAN, 10/22NM. **E LO-11.**

T812 estbld; LUGEG NCRP at N5356.4 E01040.1
- Luebeck-Blankensee NDB (LYE) NCRP,
170°/(351°), 9NM, MEA 4000', one-way S-bound.
E LO-8, E LO-10.

T813 estbld; RAMAR NCRP at N5342.6 E01056.3
- Luebeck-Blankensee NDB (LYE) NCRP, 298°/
(120°), 10NM, MEA 4000', one-way NE-bound.
E LO-8, E LO-10.

T814 estbld; BOGMU NCRP at N5358.8 E01017.3
- Luebeck-Blankensee NDB (LYE) NCRP, 123°/
(305°), 18NM, MEA 4000', one-way SE-bound.
E LO-8, E LO-10.

T815 estbld; Hamburg VORTAC (HAM) NCRP
- Luebeck-Blankensee NDB (LYE) NCRP,
066°/(247°), 19NM, MEA 4000', one-way
NE-bound (N53 E010). **E LO-8, E LO-10.**

T856, ADUSU (N4957.4 E00611.8) - NIVNU, 024°,
27NM, MEA FL230, one-way NE-bound. **E LO-3.**

T909 estbld; RARUP NCRP (N5338.5 E01040.6) -
Hamburg VORTAC (HAM) NCRP, 276°/(097°),
17NM, MEA 4000', one-way W-bound. **E LO-10.**

UN491, BEGAR (N4754.5 E00735.0) to Trasadingen
VORDME (TRA) redesignated N491 and
realignd to Trasadingen DME (TRA) with same
route details. **LSZH 10-1.**

Z79 extended; SUDEN NCRP (N4831.8 E00944.9)
- GUPIN NCRP, 025°, 24NM, MEA 6000', MAA
FL230, one-way NE-bound. **E LO-4, E LO-11.**

Z601, BODAN (N4735.3 E00927.1) - Kempten
VORDME (KPT), chgd to two-way, 072°/254°.
EDDM 10-1.

Z990, Hehlingen VORDME (HLZ) - DIRBO, CDR 1.
(N52 E010) **E LO-10, E LO-11.**

ABLOX HOLDING estbld (N5122.9 E01431.2),
inbound track 342°, LEFT turns, MHA 5000'.
E LO-11.

Charlie VOR (CHA) chgd to VORDME, frequency
chgd to 115.35. **EDDF 10-1.**

HAMBURG NDB (HOS) decmsnd. (N53 E010).
E LO-10.

LUEBECK-BLANKENSEE NDB (LYE) 394 cmsnd at
N5348.0 E01041.8. **E LO-8, E LO-10.**

TOGRO HOLDING estbld (N5118.8 E01224.5),
inbound track 033°, LEFT turns, MHA 5000'.
E LO-11.

UNBIB HOLDING estbld at N5106.0 E01331.8,
inbound track 006°, RIGHT turns, MHA 7000'.
E LO-11.

GREECE

IRAKLION TMA (SITIA AREA) vertial limits should
read 2000'AGL-FL125 (N35 E026). **E LO-14.**

HUNGARY

IBLIZ NCRP estbld at N4818.7 E02046.5. **E LO-12.**

IRELAND

FREE ROUTE AIRSPACE (FRA) estbld within
Shannon FIR, FL75-FL245, excluding Dublin
CTA (N53 W006). **E LO-2.**

RINUS coords chg to N5338.7 W00739.7. **E LO-2.**

ITALY

ATS ROUTES changed:

A482, Vieste VORDME (VIE) to LUMAR, CDR status
withdrawn. (N41 E016). **E LO-13, E LO-14.**

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

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

BRINDISI NDB (BRD) decmsnd. (N40 E018)
E LO-14.

GRID MORA (N45-N46/E012-E013) should read
8100'. **E LO-12.**

PERDASDEFOGU TACAN (PED) decmsnd (N39
E009). **E LO-6, E LO-14.**

Tarquina NDB (TAQ) decmsnd. **LIRF 10-1.**

NETHERLANDS

ATS ROUTES changed:

L74, TULIP (N5222.1 E00351.4) - MONIL, chgd to
two-way, 349°/169°. **E LO-2.**

L193, Spijkerboor VORDME (SPY) - LEKKO
withdrawn (N52 E004). **E LO-2.**

L602, Spijkerboor VORDME (SPY) to MIMVA, MEA
FL60 (N52 E004). **E LO-2.**

N852, Spijkerboor VORDME (SPY) to LOPIK
withdrawn; LOPIK - VELED, MEA FL100,
one-way S-bound. (N52 E004). **E LO-2.**

N872, Pampus VORDME (PAM) to WOODY, MEA
3500'. (N52 E005). **E LO-2.**

P1, TULIP (N5222.1 E00351.4) - MONIL withdrawn.
E LO-2.

P62, ZANDA (N5223.4 E00455.4) withdrawn, PETIK
- Pampa VORDME (PAM), 36NM. **E LO-2.**

T606 estbld; LAMSO (N5244.0 E00259.7) NCRP -
MONIL NCRP, 085°, 28NM; MONIL - Spijkerboor
VORDME (SPY) NCRP, 107°/(287°), 43NM;
Spijkerboor VORDME - PAPOX NCRP at
N5240.8 E00527.1, 067°, 23NM; LAMSO to
PAPOX, MEA FL140; PAPOX - VAPEX NCRP
at N5253.5 E00554.3, 050°, 21NM, MEA FL60;
LAMSO to VAPEX, one-way E-bound; VAPEX -
EKNON NCRP at N5246.3 E00601.8, 146°, 9NM,
MEA FL60, one-way SE-bound, cruising levels
NON-standard, EVEN levels SE-bound. **E LO-2.**

T607 estbld; MOLIX NCRP (N5249.3 E00304.1)
- MONIL NCRP, 097°, 25NM, MEA FL140,
one-way E-bound. **E LO-2.**

Z708, AGISU (N5352.9 E00630.0) - KEKIX, MEA
FL70. **E LO-2.**

EUROPE

Z738 Pampus VORDME (PAM) to NAPRO redesignated Z739; MEA FL70 (N52 E005).
E LO-2.

LELYSTAD CTR estbld, GND-2500' (N52 E005).
E LO-2.
LELYSTAD TMA estbld, 1500'-FL65 (N52 E005).
E LO-2.

NORWAY

ATS ROUTES changed:

M185, RUMOG (N5812.6 E00531.6) - ATNAK, withdrawn. **E LO-1.**
P603, KARLI (N5700.0 E00530.4) to Flesland VORDME (FLS), withdrawn. **E LO-1.**
P615, VIPPA NCRP estbld at N5856.6 E01013.7; ARTOR - VIPPA - Torp VORDME (TOR), 37/14NM. **E LO-1.**
P853, MOKAX NCRP estbld at N6904.5 E01955.5; Tromso VORDME (TRO) - MOKAX - RIXEM, 143°/323', 43/19NM, MEA FL120. **ENDU 10-1, E LO-7.**
T399, MOKAX NCRP estbld at N6904.5 E01955.5; ABASU - MOKAX - KUNUB, 51/28NM. **ENDU 10-1, E LO-7.**
Z125, RIBBE NCRP estbld at N6122.5 E01129.0; NUVSA - RIBBE - GIGNI, 18/38NM. **E LO-1.**
Z201, PENNO NCRP estbld at N6756.2 E01606.2; ROSVI - PENNO - EVABO, 29/9NM. **E LO-7.**

POLAND

LAWICA VORDME (LAW) 115.8 cmsnd at N5225.4 E01649.8. **E LO-11.**
OLSZTYN DME (OSY) 116.25 channel 109Y cmsnd at N5344.8 E02015.9. **E LO-10.**

SERBIA-MONTENEGRO

ATS ROUTES changed:

BEDAK (N4314.4 E01938.3) renamed YUYUH. **E LO-13.**
L604, Podgorica VORDME (POD) - Niksic NDB (NIK), MEA 10000'. (N42 E019) **E LO-13.**
L608, DOLEV (N4250.0 E02018.7) to PODOB, MEA 10000'. **E LO-13.**

SPAIN

ATS ROUTES changed:

A29, MOPAS (N4226.1 E00102.1) - GIROM, MEA FL140. **LEBL 10-1.**
B28, VIBAS (N3723.5 W00337.9) - BAZAS, MEA FL90. **LEMG 10-1.**
UM30, PIMUR (N3717.5 W00631.1) to PARKA, CDR 2. **LEMG 10-1.**
UN608, BARBO (N4226.9 E00054.2) - GIROM, MEA FL140. **LEBL 10-1.**
UN870, RAKOD (N3946.8 W00637.7) to DIPOL, CDR 2. **LEMD 10-1.**
UN975, PALIO (N4015.7 W00302.9) to Toledo VORDME (TLD), chg to two-way, 255°/075'. **LEMD 10-1.**

SWEDEN

ATS ROUTES changed:

L727 realigned GETPA (N5002.2 E01155.5) to PENOR; GETPA - KORET NCRP, 179°, 14NM; KORET - LATKU NCRP, 168°, 15NM; LATKU - NEGIL NCRP, 127°, 28NM; NEGIL - PENOR, 130°, 217NM; MOGLU to PENOR chgd to one-way E-bound. **E LO-7, E LO-8, E LO-10, E LO-9.**
M852, DEGED (N6206.0 E01648.7) to RASEN realigned; DEGED - GAJPA NCRP at N6300.2 E01801.1 - RASEN, 64/57NM. **E LO-7.**
T70, BAKIL replaced by GAJPA NCRP at N6300.2 E01801.1; LAPIX - GAJPA - XELVI, 86/175NM. **E LO-7.**
T314, OKLEV replaced by ZIPCO NCRP at N6152.2 E01738.0; DEGAL - ZIPCO - Sundsvall VORDME (SUN), 75/40NM. **E LO-7, E LO-8.**
T316, PEVEL replaced by FOXSA NCRP at N6154.9 E01756.5; Sundsvall VORDME (SUN) - FOXSA - ASVOB, 40/3NM. **E LO-7.**
T316, SIPRI (N6050.7 E01845.1) - Hammar VORDME (HMR), cruising levels should read NON-standard, ODD level S-bound. **E LO-8, E LO-9.**
Y41 realigned, LARMA (N5516.5 E01630.1) - SABAK NCRP, 314°, 237NM, chgd to one-way N-bound. **E LO-7, E LO-8, E LO-10, E LO-9.**
Y43 estbld; REPKU NCRP (N5828.4 E010365) - XENTA NCRP, 100°/280°, 28NM; XENTA - KELIN NCRP, 142°, 32NM, one-way S-bound; REPKU to KELIN, MEA FL100. **E LO-7, E LO-8, E LO-10, E LO-9.**
Y44 estbld; PENOR NCRP (N5538.3 E01709.7) - SABAK NCRP, 307°, 237NM, MEA FL100, one-way N-bound. **E LO-7, E LO-8, E LO-10, E LO-9.**
Z132, XENTA (N5841.5 EE01129.0) - LATKU chgd to one-way S-bound; LATKU - IPKAL withdrawn. **E LO-7, E LO-8, E LO-9.**
Z400, BAKLI (N5455.0 E01333.6) - TIDVU, 355°. **EKCH 10-1, E LO-10.**
Dunker VOR (DKR) decmsnd and replaced by NCRP PETEV at same position. (N59 E017). **E LO-8, E LO-9.**
GRID MORA (N62-N63/E017-E018) chgd to 2900'. **E LO-7.**
HAGSHULT CTR withdrawn (N57 E 014). **E LO-8, E LO-10, E LO-9.**
HAGSHULT TMA withdrawn (N57 E014). **E LO-8, E LO-10, E LO-9.**
VISBY NDB (OV) decmsnd. (N57 E018). **E LO-8.**

SWITZERLAND

ATS ROUTES changed:

G4, Hochwald DME (HOC) - Trasadingen DME (TRA), withdrawn. **LSZH 10-1.**
J51, GIPOL (N4730.3 E00802.5) to ROMIR realigned; GIPOL - Zurich East VORDME (ZUE) NCRP, 078°/259°, 32NM. **LSZH 10-1.**
J70, MEBOS (N4705.2 E00736.6) - Willisau VORDME (WIL) redesignated Y5. **LSZH 10-1.**
J71, RAMOK (N4701.3 E00741.1) - Willisau VORDME (WIL) redesignated T125. **LSZH 10-1.**

EUROPE

M858, ALBIX replaced by ASGED NCRP at N4714.2 E00834.2; BARIG to URNAS, MEA 9000'. **LSZH 10-1.**

T51, DANZE NCRP estbld at N4719.3 E00750.3; VEBIT - DANZE - LASUN, 292°, 8/14NM. **LSZH 10-1, E LO-4.**

TRASADINGEN VORDME (TRA) replaced by TRASADINGEN DME (TRA) as route facility (N47 E008). **LSZH 10-1.**

Z140, MEOBOX (N4705.2 E00736.6) - BALIR, withdrawn. **LSZH 10-1.**

Z163, Zurich East VORDME (ZUE) - BODAN, 088°. **LSZH 10-1.**

Z601, Trasadingen DME (TRA) - Zurich East VORDME (ZUE), withdrawn; Zurich East VORDME - BODAN, 088°/269°, chgd to two-way. **LSZH 10-1.**

TURKEY

ATS ROUTES changed:

L/UL606 extended; Tekirdag VORDME (EKI) to Cardak VORDME (CRD), for details see former T/UT40. **E LO-14.**

T/UT40, NONDU (N4107.8 E02640.5) to Cardak VORDME (CRD), withdrawn. **E LO-14.**

T495, KAVAK (N3721.4 E02844.0) to Milas Bodrum VORDME (BDR), MEA 8000'. **E LO-14.**

Y/UJ146, Biga VORDME (BIG) - TURKO, withdrawn (N40 E027). **E LO-14.**

U.K.

ATS ROUTES changed:

L60, ENCOD NCRP estbld at N5320.0 W00024.4, OTBED - ENCOD - NISBI, 16/9NM; OTBED (N5317.3 E00001.9) to MAMUL, one-way W-bound. **E LO-2.**

L151, UMLUX NCRP estbld at N5222.6 W00200.3; VIDOK - UMLUX - PEPUL, 2/8NM. **E LO-2.**

L603, EVKAL NCRP estbld at N5315.8 W00026.6; LAMIX - EVKAL - ROGAG, 9/6NM, MEAs FL130/FL170. **E LO-2.**

N92 estbld; UMLUX NCRP at N5222.6 W00200.3 - LUXTO NCRP at N5208.5 W00203.6, 189°, 14NM; LUXTO - DUCNO NCRP at N5158.4 W00218.9, 224°, 14NM; UMLUX to DUCNO, MEA FL80; DUCNO - OKTAD NCRP, 224°, 13NM; OKTAD - ITJON NCRP at N5128.5 W00259.1 - EXMOR NCRP, 220°, 26/23NM, DUCNO to EXMOR, MEA FL140; UMLUX to EXMOR, one-way SW-bound. **E LO-2.**

N93 estbld, ADMEX NCRP (N5221.7 W00127.8) - PEPUL NCRP, 251°, 17NM; PEPUL - LUXTO NCRP at N5208.5 W00203.6, 221°, 10NM; ADMEX to LUXTO, MEA FL120, one-way SW-bound. **E LO-2.**

Turnberry VOR (TRN) removed from all ATS Routes. (N55 W004). **E LO-2.**

Y125 estbld; BERUL NCRP (N5240.3 W00331.2) - RETSI NCRP, 113°, 25NM, MEA FL210; RETSI - FITBO NCRP at N5213.2 W00224.2, 136°, 25NM, MEA FL190; BERUL to FITBO, one-way E-bound. **E LO-2.**

DURHAM TEES VALLEY CTA renamed TEESSIDE INTERNATIONAL CTA. (N54 W001). **E LO-2.**

DURHAM TEES VALLEY CTR renamed TEESSIDE INTERNATIONAL CTR. (N54 W001). **E LO-2.**

FARNBOROUGH CTA estbld, 1500'-FL65 (N51 W000). **E LO-1.**

LINCOLNSHIRE CTA estbld, FL85-FL195 (N53 W000). **E LO-1, E LO-2.**

WASH CTA estbld, FL195-FL245 (N53 W001). **E LO-1, E LO-2.**

TERMINAL CHARTS

GENERAL

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

GERMANY

Jeppesen charted take-off minimums are determined according to the available RWY lights. In Germany, Low Visibility Procedures (LVP) are only available for the following airports: EDDB, EDDC, EDDE, EDDF, EDDG, EDDH, EDDK, EDDL, EDDM, EDDN, EDDP, EDDR, EDDS, 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 Buchel to Buechel, Buckeburg to Bueckeberg, Norvenich to Noervenich.

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

EUROPE

5. On CAT III RWYs with approved guidance system or HUD/HUDLS: RVR 75m

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), 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.

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

Allendorf/Eder, Germany, RNAV (GPS) Rwy 29 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedure for RWY 29 using LNAV/VNAV minimum has been canceled. When using a remote QNH, minimums changed as follows:

LPV: CAT A: DA(H) 1698' (575'), RVR 1500m; CAT B: DA(H) 1708' (585), RVR 1500m; CAT C: DA(H) 1718' (595), RVR 2400m.

LNAV: CAT A: DA/MDA(H) 1800' (677'), RVR 1500m; CAT B: DA/MDA(H) 1880' (757'), RVR 1500m; CAT C: DA/MDA(H) 1880' (757'), RVR 2400m.

CIRCLING: Max Kts 100: MDA(H) 2120' (956'), VIS 1500m; Max Kts 135: MDA(H) 2250' (1086'), VIS 1600m; Max Kts 180: MDA(H)2590' (1426'), VIS 2400m.

Alta, Norway, Construction works on Rwy 11/29 (based on SUP 014-20). Following chart will be suspended the whole period: RNAV (GNSS) RWY 11 (12-1). Refer to temp charts 10-8A, 10-9Y1 and temp procedures RNAV (GNSS) Z RWY 11 (12-01) and RNAV (GNSS) X RWY 11 (12-02) and latest NOTAMS.

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'. Construction works on apron A (based on SUP 004-20). Refer to temp chart 10-8 and latest NOTAMS.

(SIDs): For Lost Comms refer to 10-1P pages.

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), 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.

Are Ostersund, Sweden, (10-2, 10-2B) RNAV (GNSS) STARs RWY 30 not available (based on SUP 072-20).

(10-9) Work on AD and operational limitations (based on SUP 030-20). Non-schedule flights PPR H24. Aerodrome shall not be used as an alternate. TWY F and FATO F will be closed. During this period acft must be able to make a 180° turn on RWY without turn pad at THR RWY 30. Please refer also to latest NOTAMS.

Asturias, Spain, Construction works on airport (based on SUP 55-20). Refer to temporary charts 10-8/10-8A, 10-8B/10-8C and latest NOTAMS.

Rwy 29 threshold, stop and no-entry bars lights downgraded due to light intensity below 50% (based on SUPs 47/20 and 48/20).

Athens, Greece, (Eleftherios Venizelos Intl), Additional intersection Take-off positions (permitted during daytime only with visibility minimum 3km) at Twys A4, A11 with TORA 9678' (2950m) and Twys A10, D9 with TORA 8202' (2500m) are available.

Avord, France, (Avord AB), Construction works at airport (based on SUP 158/20). Refer to temp charts 10-8, 10-8A and latest NOTAMS. 10-9 chart temporarily replaced with 10-8. Eff 08 Oct 20.

Badajoz, Spain, (Talavera La Real AB), Right wingbar of VASI u/s (based on SUP 23-19, with eff date 27 FEB 20 based on SUP 19-20).

TWY C4 and C6 closed (based on SUP 19-19, with eff date 27 FEB 20 based on SUP 18-20).

Baldonnell, Ireland, (Casement AB), Based on NOTAM B0786/20, all SIDs and STARs not available.

Barcelona, Spain, (El Prat), Airport name changed to Josep Tarradellas-El Prat.

Barrow, U.K., (Walney Island), Airport beacon removed from all charts.

Barth, Germany, RNAV (GPS) Rwy 27 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedure for RWY 27 using LNAV/VNAV minimum has been canceled. When using a remote QNH, minimums changed as follows:

LNAV: CAT AB: DA/MDA(H) 940' (918'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 1070' (1047'), VIS 1500m; Max Kts 135: MDA(H) 1110' (1087'), VIS 1600m.

Basle-Mulhouse, France, (10-3C, 10-3F, 10-3G) SIDs MOROK 7S & TORPA 7S temporarily reserved for CAT D ACFT. Temporary SIDs MOROK 7R & TORPA 7R have been established for CAT A, B & C ACFT. Refer to temporary charts and latest NOTAMS.

EUROPE

Following procedure suspended: (12-2) RNAV (GNSS) RWY 33. Procedure renamed to RNP RWY 33 based on AIRAC AMDT 13/19.

Bastia, France, (Poretta), Based on NOTAM A2190/20 minimums for VOR Rwy 34 (chart 13-2) changed as follows:

Straight-in DA/MDA(H) to 450'(424'), RVR CAT AB to 1800m, CAT CD to 1900m.

Circle-to-land CAT AB MDA unchanged, VIS to 1800m.

Circle-to-land CAT CD unchanged.

Bautzen, Germany, RNP Rwy 07 (12-1) & RNP Rwy 25 (12-2) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedures for RWY 07 & 25 using LNAV/VNAV minimums have been canceled. The note, Approach only authorized when local altimeter setting is available, can be disregarded. When using a remote QNH, minimums changed as follows:

LPV Rwy 07: DA(H) 1098' (530'), CAT AB RVR 1500m; CAT C: with ALS RVR 2000m, ALS out RVR 2400m.

LNAV Rwy 07: DA/MDA(H) 1100' (532'), CAT AB RVR 1500m; CAT C: with ALS RVR 2000m, ALS out RVR 2400.

LPV Rwy 25: DA(H) 1060' (530'), CAT AB RVR 1500m; CAT C: with ALS RVR 2000m, ALS out RVR 2400m.

LNAV Rwy 25: DA/MDA(H) 1060' (530'), CAT AB RVR 1500m; CAT C: with ALS RVR 2000m, ALS out RVR 2400.

Bayreuth, Germany, RNAV (GPS) Rwy 06 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedure for RWY 06 using LNAV/VNAV minimum has been canceled. The note, Approach authorized only if EDQD QNH is available, can be disregarded. When using a remote QNH, minimums changed as follows:

LNAV: CAT A: DA/MDA(H) 2140' (553'), RVR 1500m; CAT B: DA/MDA(H) 2160' (573'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 2180' (579'), VIS 1500m; Max Kts 135: MDA(H) 2630' (1029'), VIS 1600m.

Beja, Portugal, (Beja AB), (11-2) NDB ILS DME Rwy 19R and (16-1) NDB Rwy 19R suspended due to NDB BJA is unserviceable (based on SUP 013/20).

NDB BJA frequency 376kHz is unserviceable (based on SUP 02/20).

REIL Rwy 01L u/s (based on MIL SUP 010-19).

Belfast, U.K., (Aldergrove), NDB Rwy 25 (16-1) apch proc will not be available.

Belgrade, Serbia-Montenegro, (Nikola Tesla), Construction works on airport area (based on AIP SUP 3/20). Refer to temp chart 10-8 and latest NOTAMS.

Due to tower crane minima changed as follows: (12-1) RNP Rwy 12: LNAV/VNAV: CAT A: DA(H) 630'(313'), RVR 750m, with TDZ & CL & HUD RVR 700m, ALS out RVR 1400m, CAT B: DA(H) 640'(323') RVR 800m, ALS out RVR 1500m, CAT C: DA(H) 650'(333'), RVR 800m, ALS out RVR 1500m, CAT D: DA(H) 660'(343') RVR 900m, ALS out RVR 1600m. LNAV: DA/MDA(H) 750'(433'), RVR 1300m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2000m. (13-1) VOR Rwy 12: DA/MDA(H) 750'(433'), RVR 1300m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2000m. (16-1) Lctr Rwy 12: DA/MDA(H) 750'(433'), RVR 1300m, ALS out: CAT A&B RVR 1500m, CAT C&D RVR 2000m. For all approach procedures CIRCLING for Max Kts 100: MDA(H) 800'(464').

Biarritz, France, (Pays Basque), Based on NOTAM A1664/20 minimums for IAP RNAV (GNSS) Rwy 09 (chart 12-1) raised as follows:

LNAV / VNAV CAT A DA(H) to 502'(260'), RVR unchanged, CAT B DA(H) to 512'(270'), RVR to 900m ALS out 1300m, CAT C DA(H) to 522'(280'), RVR to 900m ALS out 1300m, CAT D DA(H) to 532'(290'), RVR to 900m ALS out 1400m.

LNAV DA/MDA(H) to 620'(378'), RVR to 1300m, ALS out CAT AB 1500m CAT CD 1700m.

Biggin Hill, U.K., Construction works (based on SUP 023-20). Please refer to temp chart 10-8 and latest NOTAMS.

Bilbao, Spain, Last five lights of the approach light sequential system to RWY 30 out of service (based on SUP 110-19).

Bordeaux, France, (Merignac), Construction works on Apron A (based on SUP 194/19). Refer to temp charts 10-8/10-8A and latest NOTAMS.

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.

Brussels, Belgium, (Brussels National), (11-5) ILS or LOC Z/Y RWY 25R DA(H) for ILS raised to CAT D: 321' (211'), due to crane operations on apron (based on SUP 10-19).

Construction works on RWY 07L/25R (based on SUP 028-20). Refer to temporary charts 10-8E thru 10-8K and latest NOTAMS.

For construction works information and temporary straight-in apch minimums refer to 10-8 pages and latest NOTAMS (based on SUP 017-20, SUP 022-20).

Caen, France, (Carpiquet), Construction works on apron based on SUP 125-20 superseded by of SUP 153-20 (unpaved RWY 13 and RWY 31 renamed to RWY 13L and RWY 31R). Refer to temporary charts 10-8/10-8A and latest NOTAMS.

Cannes, France, (Mandelieu), (10-1R) Several altitudes and sectors revised.

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

EUROPE

Castellon, Spain, Parking stands 01, 1SM, 02 and 02A as well as TWY part for access to mentioned stands are closed (based on SUP 012-19, with eff date 2 Jan based on SUP 01/20).

Stands 02B, 03 and 3SM closed (based on SUP 002/20).

Castres-Mazamet, France, ACFT not having compatible radiocommunication equipment in 8.33 kHz spacing contact TOULOUSE Information on 121.250 MHz.

Coburg, Germany, (Brandensteinsebene), RNAV (GPS) Rwy 30 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedure for RWY 30 using LNAV/VNAV minimum has been canceled. The note, Approach authorized only if EDQC QNH is available, can be disregarded. When using a remote QNH, minimums changed as follows:

LPV: CAT AB: DA(H) 1958' (505'), RVR 1500m.
LNAV: CAT AB: DA/MDA(H) 2060' (607'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 2150' (664'), ceil 1000' VIS 1500m; Max Kts 135: MDA(H) 2200' (714'), ceil 1000' VIS 1600m.

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 act (Based on AIC A 002-20).

Cologne-Bonn, Germany, Works on apron U (based on SUP 019-20). Refer to temp chart 10-8C and latest NOTAMS.

Works on TWY B (Phase 7) (based on SUP 16-20). Refer to temp chart 10-8B and latest NOTAMS.

Donauschingen, Germany, (Villingen), RNAV (GPS) Rwy 36 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedure for RWY 36 using LNAV/VNAV minimum has been canceled. When using a remote QNH, minimums changed as follows:

LPV: CAT A: DA(H) 2929' (710'), RVR 1500m; CAT B: DA(H) 3039' (820'), RVR 1500m.

LNAV: CAT A: DA/MDA(H) 2930' (711'), RVR 1500m; CAT B: DA/MDA(H) 3040' (821'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 3100' (869'), VIS 1500m; Max Kts 135: MDA(H) 3100' (869'), VIS 1600m.

Donauwörth, Germany, COPTER RNP 294° Z (12-1) & COPTER RNP 294° Y (12-2) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

When using a remote QNH, minimums changed as follows:

RNP 294° Z: LPV: DA(H)1875' (560'), RVR 1000m, ground visibility 800m required.

RNP 294° Y: LPV: DA(H) 2065' (750'), RVR 1000m, ground visibility 800m required.

RNP 294° Z: LNAV: DA/MDA(H) 1990' (675'), RVR 1000m, groundvisibility 800m required.

Doncaster Sheffield, U.K., (STARs) MSA in sector between 360° - 180° should read 3200.

Dublin, Ireland, (Dublin Intl), (10-8B, 10-8C) Rehabilitation works on RWY 16/34 and TWY W2 Phase 2 (based on SUP 013-20). Refer to temp chart 10-8B, 10-8C and latest NOTAMS. Eff 08 Oct 20.

(10-8B, 10-8C) Rehabilitation works on RWY 16/34 and TWY W2 Phase 2 (based on SUP 030-19). Refer to temp chart 10-8B, 10-8C and latest NOTAMS.

(10-8D) Displaced threshold construction works on RWY 10/28 (based on SUP 009-20 AIRAC). Refer to temp chart 10-8D and latest NOTAMS.

(10-8D) Displaced threshold construction works on RWY 10R/28L (based on SUP 016-20 AIRAC). Refer to temp chart 10-8D and latest NOTAMS. Eff 08 Oct 20.

(10-8F) West apron stand realignment (based on SUP 008-19), removal of existing stands and installation of new stands.

Refer to temp chart 10-8F and latest NOTAMS.

(10-8F) West apron stand realignment (based on SUP 014-20), removal of existing stands and installation of new stands.

Refer to temp chart 10-8F and latest NOTAMS. Eff 08 Oct 20.

(10-8H/10-8J) North apron rehabilitation works (based on SUP 017-19). Refer to temp charts 10-8H/10-8J and latest NOTAMS.

(10-8K) Replacement of north apron stands 101-104L (based on SUP 016-19). Refer to temp chart 10-8K and latest NOTAMS.

MM Rwy 10 is out of service, refer to (11-3) ILS or LOC Rwy 28 and (11-3A) CAT II/III ILS Rwy 28. OM Rwy 10, OM Rwy 28 and OM Rwy 28 are out of service (based on SUP 20-19).

North RWY intersection with RWY 16/34 construction works (based on SUP 006-20). Refer to temp chart 10-8A and latest NOTAMS.

North RWY intersection with RWY 16/34 construction works (based on SUP 015-20). Refer to temp chart 10-8A and latest NOTAMS. Eff 08 Oct 20.

North-South sewer construction works (based on SUP 005-20). Refer to temp chart 10-8 and latest NOTAMS.

North-South sewer construction works (based on SUP 017-20). Refer to temp chart 10-8 and latest NOTAMS. Eff 08 Oct 20.

Temp procedure (13-01) VOR T Rwy 28 established. For details refer to temp charts and latest NOTAMS.

Temp procedure (13-01) VOR T Rwy 28L established. For details refer to temp charts and latest NOTAMS. Eff 08 Oct 20.

Duesseldorf, Germany, Construction works on Apron West (based on SUP 006-19), Refer to temp charts 10-8/A and latest NOTAMS.

Implementation of new TWYs and parking positions (based on SUP 037-19), Refer to temp charts 10-8B/C and latest NOTAMS. Chart will be activated via NOTAM.

Eggenfelden, Germany, RNAV (GPS) Rwy 26 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

EUROPE

The Baro-VNAV procedure for RWY 26 using LNAV/VNAV minimum has been canceled. The note, Approach only authorized if EDME QNH is available, can be disregarded. When using a remote QNH, minimums changed as follows:

LPV: CAT AB: DA(H) 2053' (720'), RVR 1500m.
LNAV: CAT AB: DA/MDA(H) 2060' (727'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 2110' (768'), VIS 1500m; Max Kts 135: MDA(H) 2180' (838'), VIS 1600m.

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.

Emden, Germany, HEL RNAV (GPS) Y Rwy 07 (12-3) & HEL RNAV (GPS) Y Rwy 25 (12-4) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedures for RWY 07 & 25 using LNAV/VNAV minimums have been canceled. When using a remote QNH, minimums changed as follows:

LPV Y Rwy 07 & 25: DA(H) 502' (500'), with ALS RVR 800m, ALS out RVR 1000m.

LNAV Y Rwy 07 & 25: DA/MDA(H) 500' (498'), RVR 1000m.

RNAV (GPS) Z Rwy 07 (12-1) & RNAV (GPS) Z Rwy 25 (12-2) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedures for RWY 07 & 25 using LNAV/VNAV minimums have been canceled. When using a remote QNH, minimums changed as follows:

LPV Z Rwy 07 & 25: CAT AB: DA(H) 502' (500'), RVR 1500m; CAT C: DA(H) 502' (500'), with ALS RVR 1800m, ALS out RVR 2300m.

LNAV Z Rwy 07 & 25: CAT AB: DA/MDA(H) 500' (498'), RVR 1500m; CAT C: DA/MDA(H) 500' (498'), with ALS RVR 1800m, ALS out RVR 2300m.

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

Floro, Norway, FLORO Information freq 121.850 withdrawn.

Frankfurt/Main, Germany, Alternative taxi guide lines on Twy N8 (based on SUP 020-20). Refer to temp chart 10-8F and latest NOTAMS.

Construction work on twys (based on SUP 15-20). Refer to temp chart 10-8 and latest NOTAMS.

Construction works for new GA apron and new Twy Y7 (based on SUP 23-20). Refer to temp chart 10-8C and latest NOTAMS.

Construction works for new section of Twy R (based on SUP 18-20). Refer to temp chart 10-8B and latest NOTAMS.

Construction works on Twy N (based on SUP 22-20). Refer to temp chart 10-8A and latest NOTAMS.

Construction works on Twy N8 (based on SUP 008-20). Refer to temp chart 10-8D, 10-8E and latest NOTAMS.

New apron area at parking south opened (based on SUP 21-20). Refer to temp chart 10-8G and latest NOTAMS. Eff 01 Oct 20.

Friedrichshafen, Germany, Construction works on RWY and TWYs (based on SUP 17-20). Refer to temp chart 10-8 and latest NOTAMS.

Geneva, Switzerland, Construction works on Apron (based on SUP 009-18). Refer to temporary 10-08 and latest NOTAMS.

Giebelstadt, Germany, Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.

RNAV (GPS) Rwy 08 (12-1) & RNAV (GPS) Rwy 26 (12-2) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedures for RWY 08 & 26 using LNAV/VNAV minimums have been canceled. When using a remote QNH, minimums changed as follows:

LNAV Rwy 08: CAT AB: DA/MDA(H) 1570' (593'), RVR 1500m; CAT C: DA/MDA(H) 1570' (593'), with ALS RVR 2300m, ALS out RVR 2400m.

LNAV Rwy 26: CAT AB: DA/MDA(H) 1570' (592'), RVR 1500m; CAT C: DA/MDA(H) 1570' (592'), with ALS RVR 2300m, ALS out RVR 2400m.

Girona, Spain, Works on TWYs (based on SUP 082/19, with eff date 10 SEP 20 based on SUP 104/20). Please refer to temporary chart 10-8 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.

Based on SUP 116/19 Blasting takes place next to aprch area Rwy 21 up to 1000' from MON to FRI between 0900 and 1400 (LT) with possible minor delays.

Minima raised due to cranes at apt. Temp procedure (11-01) ILS or LOC Rwy 03, (11-02) ILS or LOC Rwy 21, (12-02) RNP Y Rwy 21, (12-021) RNP Z Rwy 21 (AR), (16-01) NDB Rwy 03, (16-02) NDB Rwy 21, (10-9Y1) STD COPTER MNMS established. For details refer to temp charts and latest NOTAMS.

Granada, Spain, BLN VORDME unserviceable.

(10-3) SIDs BLN 2N, VIBAS 3N segments on BLN R181 inbound not usable. Use SIDs MAR 1N or SVL 1N. RADAR assistance above FL95.

Grazzanise, Italy, (Grazzanise Mil), (10-2/A, B/C, 10-3B/C) Add IATA code: QTC.

Grenoble, France, (Alpes Isere), (10-2C) STARs ARSOM 5N/5S, CFA 5N/5S, LABAL 5N/5S, MOU 5N/5S and TIS 5N/5S are temporarily suspended. Refer to temp chart 10-2F and latest NOTAMS.

Hamburg, Germany, Construction work phase 10 on apron 1 (based on SUP 12/20). Twy A1 is not suitable for Acft code F. Refer to temp chart 10-8A and latest NOTAMS.

Hassfurt, Germany, (Schweinfurt), RNAV (GPS) Rwy 29 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

When using a remote QNH, minimums changed as follows:
LNAV: CAT AB: DA/MDA(H) 1310' (590'), RVR 1500m.

Helsinki, Finland, (Vantaa), Construction works on Apron 1N (based on SUP 077-20). Refer to temp chart 10-8 and latest NOTAMS.

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Construction works on Apron 1N (based on SUP 102-20). Refer to temp chart 10-8A and latest NOTAMS.

Hohn, Germany, IFR profiles within airspace class E. Watch out for VFR traffic unknown to ATC.

Huesca, Spain, (Pirineos), REIL RWY 12R unserviceable (based on SUP 157/18, with effective date 05 DEC 19 based on SUP 127/19). REIL RWY 30L unserviceable (based on SUP 158/18, with eff date 5 DEC 19 based on SUP 128/19).

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).

Hyerès, France, (Le Palyvestre Navy), Closure of RWY 13/31 and associated TWYs due to construction works on APT (based on SUP 026-20). Refer to temporary chart 10-8D and latest NOTAMS.

Ibiza, Spain, Following procedures not available (based on SUP 138/19): (11-1) ILS Z or LOC Rwy 06, (11-3) ILS Z Rwy 24, (11-5) LOC Rwy 24, (13-1) VOR Rwy 06 and (13-2) VOR Rwy 24. (RNAV STARs) For all STARs holding and IAF at IBA VORDME u/s. Refer also to latest NOTAMS.

Inverness, U.K., Rwy 11/29 out of use due to construction works alongside the rwy strip during Phase 1 from August 2020 to December 2020 and Phase 2 from March 2021 to October 2021. Use as taxi route will be permitted. Please refer also to latest NOTAMS.

Ireland West, Ireland, (Knock), Construction works on RWY 08/26 and TWY A (based on SUP 10-20 AIRAC). Refer to temp chart 10-8 and latest NOTAMS.

Jyvaskyla, Finland, Based on SUP 094-20 AIRAC new temporary procedures established: (12-01) RNP RWY 12C (TEMP), (10-2C1) ELSOV, LUMME & REGGA 1N RNAV ARRS (TEMP) and (10-2C2) EROKU & ERTOP 1N RNAV ARRS (TEMP). Refer also to latest NOTAMS.

Construction works in progress on airport area. Refer to temp chart 10-8 and latest NOTAMS (based on SUP 092-20 AIRAC).

Rwy 30 ALS reduced to 720m.

Temporary RWY 12C/30 established due to resurfacing work. Refer to temporary chart 10-8A and latest NOTAMS (based on SUP 093-20 AIRAC).

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

Karlstad, Sweden, (10-2) Outer marker RWY 03 out of service.

(11-1) ILS or LOC Rwy 03, OM is out of service.

Kemi, Finland, (Tornio), Due to constructions works (based on SUP 97-19) circling MDA(H) for CAT C raised to 820' (758') for procedures (11-1) ILS Z or LOC Z Rwy 18, (11-2) ILS Y or LOC Y Rwy 18, (12-1) RNP Rwy 18, (12-2) RNP 36, (16-1) NDB Rwy 18 and (16-2) NDB Rwy 36.

Kirkenes, Norway, (Hoybuktmoen), Construction works on eastern part of Rwy 05/23 (based on SUP 007-20). Refer to temporary charts 10-8A, 10-9Y1 and temporary procedures LOC X RWY 23 (11-01) and RNAV (GNSS) X RWY 23 (12-01) 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.

Kraljevo, Serbia-Montenegro, (Ladevci), Based on SUP 002/20 temporary procedures available: (16-01) NDB Rwy 13 (temp) and (16-02) NDB Rwy 31 (temp). Refer also to latest NOTAMS.

Type of traffic permitted: VFR only.

Krk Island, Croatia, (Rijeka), Based on SUP 006/20 STAR KULEN 4A (from chart 10-2A) and SID charts (10-3/3A/3B/3C/3D/3E/3G) are temporarily suspended. New temporary SID charts (10-3A1/3A2) established.

(10-2/2A) MSA based on RJK VOR suspended.

Refer also to latest NOTAMS.

Based on SUP 006/2020 instrument flight procedures are temporarily suspended: (11-1) ILS or LOC RWY 14, (13-1) VOR RWY 14, (13-2) VOR RWY 32, (16-1) LCTR RWY 14, (16-2) LCTR Z RWY 32. Refer also to latest NOTAMS.

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

Le Touquet, France, (Cote d'Opale), New temporary procedures (11-01) ILS Z or LOC Z Rwy 13 and (11-02) ILS Y or LOC Y Rwy 13 (based on SUP 303/19, eff 18 JUN 20 based on SUP 97/20) established. Refer to temp charts and latest NOTAMS.

Leon, Spain, ABN out of service; RWY 06/24 natural ground compact closed; Helicopter landing area closed (based on SUP 21-19, eff 27 FEB 2020 based on SUP 15-20).

PAPI Rwy 05 out of service (based on SUP 104/19).

Les Eplatures, Switzerland, (10-9, 11-1) IATA code ZHV

Liege, Belgium, Based on SUP 031-20 minimums changed as follows: RNP Rwy 22L (12-3): LNAV/VNAV: CAT A: DA(H) 903' (308'), RVR 750m, with TDZ & CL & HUD RVR 700m, ALS out RVR 1400m, CAT B: DA(H) 913' (318'), RVR 750m, with TDZ & CL & HUD RVR 700m, ALS out RVR 1400m, CAT C: DA(H) 923' (328'), RVR 800m, ALS out RVR 1500m, CAT D: DA(H) 933' (338'), RVR 800m, ALS out RVR 1500m; LNAV: DA/MDA(H) 1020' (425'), RVR 1300m, ALS out: CAT AB: RVR 1500m, CAT CD: RVR 2000m. RNP Rwy 22R (12-4): LNAV/VNAV: CAT A: DA(H) 903' (326'), RVR 800m, ALS out RVR 1500m, CAT B: DA(H) 913' (336'), RVR 800m, ALS out RVR 1500m, CAT C: DA(H) 923' (346'), RVR 900m, ALS out RVR 1600m, CAT D: DA(H) 933' (356'), RVR 900m, ALS out RVR 1600m;

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- LNAV: 1020' (443'), RVR 1400m, ALS out: CAT AB: RVR 1500m, CAT CD: RVR 2100m. VOR Rwy 22L (13-2): DA/MDA(H) 1020' (425'), RVR 1300m, ALS out: CAT AB: RVR 1500m, CAT CD: RVR 2000m.
- New marking of parking stands (based on SUP 014-20). Please refer to temporary charts 10-8D, 10-8E and 10-8F and latest NOTAMS.
- 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.
- Linköping**, Sweden, (Saab), (10-9) RWY 29 Omnidirectional departure procedure changed to read: Climb STRAIGHT AHEAD with MNM 310 ft/NM (5.1%) to MNM turning ALT 900'. Continue climb to appropriate MSA (based on SUP 121-19).
- (12-1) RNP Rwy 11: Due to crane operating on AD (based on SUP 121-2019) minima for LPV raised as follows: CAT A: DA(H) 521'(378'), with ALS RVR 1000m, ALS out RVR 1500m; CAT B: DA(H) 531'(388'), with ALS RVR 1100m, ALS out RVR 1500m; CAT C: DA(H) 541'(398'), with ALS RVR 1100m, ALS out RVR 1800m; CAT D: DA(H) 551'(408'), with ALS RVR 1200m, ALS out RVR 1900m.
- Lisbon**, Portugal, Construction of new rapid exit TWY (based on SUP 011/20). Refer to temp charts 10-8E and 10-8F and latest NOTAMS.
- 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): (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.
- Low Visibility Procedure RWY 03 not available (based on SUP 021-19).
- Redesignation of TWYs (based on AIRAC SUP 043-19). Refer to temporary chart 10-8D and latest NOTAMS.
- Lleida**, Spain, (Alguaire), Closure of stands 1, 1A, 1B and 2A (based on SUP 54/20). Stand 2 restricted to MAX acft AT-72 and towed exit only. Refer to chart 10-9 and latest NOTAMS.
- Outside ATS hrs: Air to Air Self information on 121.325.
- Logrono**, Spain, For construction works on turn pads (based on SUP 21-20) refer to 10-8 chart and latest NOTAMS.
- On ILS Z or LOC Z RWY 29 (11-1) minimums for ILS approach changed as following (based on SUP 04-20, with eff date 16 Jul 20 based on SUP 72-20): 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), (20-8) Taxiway modifications (based on SUP 045-2019) due to WIP West of Pier 6. Refer to temp chart 20-8 and latest NOTAMS.
- (20-9/20-9A) Per AIP SUP 005-20 TWY N is closed between its junctions with TWY Z and TWY NA and TWY J between its junction with TWY P to West of Stand 28.
- London**, U.K., (Heathrow), All non 8.33 KHz equipped acft should contact ATC on published number to obtain ATC clearance and weather information.
- Trial RNAV ACPHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 40-19, 29 Aug 19). Pilots wishing to take part in the trial should "Request RNAV 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 RNAV 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.
- Lulea**, Sweden, (Kallax AB), (10-9/10-9A) (based on SUP 94-20) Apron 12B is closed.
- (13-2) VOR DME Rwy 32 straight-in minimums changed as follows: DA/MDA(H) 410' (389'), with ALS RVR 1100m, ALS out: CAT AB RVR 1500m, CAT CD RVR 1800m (based on SUP 075-20).
- Madeira**, Portugal, (SID/STARs) Due to replacement of MSSR Porto Santo Radar Station (10-2, 10-2A, 10-2B charts) all STARs suspended. Use Contingency STARs on 10-2C, 10-2D instead. (10-3, 10-3A, 10-3B, 10-3C, 10-3D, 10-3E, 10-3F

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charts) all SIDs suspended. Use Contingency SIDs on 10-3H, 10-3J, 10-3K, 10-3L instead. Refer also to latest NOTAMs.

Madrid, Spain, (Adolfo Suarez Madrid-Barajas), As consequence of the celebration of Columbus Day on 12 OCT 2020 the SIDs minimum climb gradients will be modified as follows:

RNAV SID BARDI 2S (10-3B) 5.6% until MD052.

RNAV SID CCS 1S (10-3D) 6.5% until CCS.

RNAV SID SIE 1S (10-3L) 5.6% until MD045.

RNAV SID ZMR 1S (10-3L4) 5.6% until MD033.

SID BARDI 2Q (10-3M) 6.8% up to 11000.

SID CCS 2Q (10-3N2) 6.8% up to 11000.

SID SIE 2Q (10-3V4) 6.8% up to 11000.

SID ZMR 2Q (10-3X1) 6.8% up to 11000.

SID BARDI 2V (10-3M) 6.4% up to 11000.

SID CCS 3V (10-3N2) 6.4% up to 11000.

SID ZMR 2V (10-3X1) 6.4% up to 11000.

Also refer to latest NOTAMs

For construction works for new TWY Q refer to 10-8N and 10-8P charts and to latest NOTAMs (based on SUP 30-20, with eff date 21 MAY 20 based on SUP 57-20).

New temporary procedures ILS X RWY 18L, ILS X RWY 18R, ILS V RWY 32L and ILS V RWY 32R are established (based on SUP 79/20). Refer to temporary charts 11-01/11-01AA, 11-02/11-02AA, 11-03/11-03AA, 11-04/11-04AA and latest NOTAMs.

Works for extension of ramp 7 (based on SUP 05/20, with eff date 23 APR 20 based on SUP 40/20). Refer to temporary charts 10-8B, 10-8C and latest NOTAM's.

Works on Ramp 0 (based on SUP 032/20). Please refer to temp charts 10-8Q thru 10-8U and latest NOTAMs.

Works on stands 420 thru 446 (based on SUP 59/20). Refer to temporary chart 10-8D and latest NOTAMs.

Works on Stands and new Stand 209 (based on SUP 057-19). Please refer to temp chart 10-8W and latest NOTAMs.

Works on TWYs DI3 and DI4 (based on SUP 28/20). Refer to temp charts 10-8A thru 10-8A4 and latest NOTAMs.

Works on TWYs R1, R5, R6, R7, R8, Z2 and Z4 (based on SUP 094-19). Refer to temp charts 10-8F, 10-8G and 10-8H and latest NOTAMs.

Madrid, Spain, (Getafe), VOR RWY 05 (23-1) procedure not available (based on SUP 140-18, with eff date 7 NOV 19 based on SUP 122/19).

Madrid, Spain, (Torrejon), Following facilities out of service: ABN, REIL RWY 04, 04D & 22 and retractable cable barrier bidirectional LETO 03-C-B (based on SUP 085-19, with eff date 13 AUG 20 based on SUP 090-20).

Magdeburg City, Germany, RNAV (GPS) Rwy 27 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMs.

The Baro-VNAV procedure for RWY 27 using LNAV/VNAV minimum has been canceled. When using a remote QNH, minimums changed as follows:

LPV: CAT AB: DA(H) 819' (570'), RVR 1500m.

LNAV: CAT AB: DA/MDA(H) 820' (571'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 880' (612'), VIS 1500m; Max Kts 135: MDA(H) 1370' (1102'), VIS 1600m.

Malaga, Spain, (Costa Del Sol), Air TWY EH out of service (based on SUP 105-19).

BLN VORDME unserviceable.

(10-2) STAR BLN 2Q segment BLN - BAENA and BAENA holding not usable. RADAR assistance on affected segment.

(10-2A) STAR BLN 1Z segment BLN - VIBAS and STAR VIBAS 1Z segment VIBAS - MOSUK not usable. RADAR assistance on affected segment. (10-2F) CDA BLN 2DCQ segment BLN - BAENA not usable. RADAR assistance on affected segment.

(10-2G) CDA BLN 1DCZ segment BLN - VIBAS and CDA VIBAS 1DCZ segment VIBAS - MOSUK not usable. RADAR assistance on affected segment.

(10-3A) SID BLN 2L segment on BLN R216 inbound not usable. Use Contingency SID.

(10-3B) SID BLN 2M segment on BLN R216 inbound not usable. Use Contingency SID.

Construction works on airport (based on SUP 056-20). Refer to temporary charts 10-8 thru 10-8F and latest NOTAM's.

Malta, Malta, (Luqa), Construction works on airport (based on SUP 03/20). Refer to temp chart 10-8 and latest NOTAMs.

Manchester, U.K., (Based on SUP 009-20) Construction works, refer to temp chart 10-8 and latest NOTAMs.

Based on SUP 013/20 twy J is closed between Rwy Holding Point J1 and Intermediate Holding Point J2. ACFT unable to depart Rwy 23R or vacate Rwy 05L via Link M will be required to backtrack the Rwy as directed by ATC. Stop end of Rwy 05L has an unlit painted turning circle capable of accommodating ACFT up to and including A380. ACFT using the turning circle are to manoeuvre in a clockwise direction or as directed by ATC.

CAT II ILS DME Rwy 05L (11-1A) CAT B DA(H) changed to 327' (115') and CAT B RA changed to 125'.

Marseille/Provence, France, Construction works at airport, based on SUP 138/20. Refer to temp charts 10-8 thru 10-8E and latest NOTAMs.

Construction works at airport, based on SUP 159/20. Refer to temp charts 10-8 thru 10-8E and latest NOTAMs. Eff 08 Oct 20.

Mengen, Germany, (Hohentengen), RNAV (GPS) Rwy 25 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMs.

The Baro-VNAV procedure for RWY 25 using LNAV/VNAV minimum has been canceled. When using a remote QNH, minimums changed as follows:

LPV: CAT A: DA(H) 2154' (344'), with ALS RVR 1200m, ALS out RVR 1500m; CAT B: DA(H) 2159' (349'), with ALS RVR 1200m, ALS out RVR 1500m.

LNAV: CAT AB: DA/MDA(H) 2400' (590'), RVR 1500m.

Milan, Italy, (Malpensa), (10-1P11) 3.4 Taxi procedures: Stands 330 thru 336 out of sight of ATC's operator.

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Montijo, Portugal, (Montijo AB), Due to degraded pavement TWY A2, TWY E and TWY B2 between threshold RWY 26 and stand S2 closed (based on MIL SUP 15/20).

NDB MIO u/s (based on MIL SUP 12-16).

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 aerobies.

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

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.

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, Based on SUP 024-20 TWY O3 will be changed to E3 and TWY E1 will be changed to K1. Remarking work will be conducted during four nights between 28 SEP - 08 OCT 2020. Exact times, when new TWY designators E3 and K1 become effective will be promulgated via NOTAM. Eff 28 Sep 20.

Construction works on Apron 1 - PHASE 1&2 (based on SUP 32-19). Refer to temp chart 10-8 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.

Neubrandenburg, Germany, RNP Rwy 09 (12-1) & RNP Rwy 27 (12-2) minimums changed (based on SUP 011-20). Refer also to latest NOTAMs. The Baro-VNAV procedures for RWY 09 & 27 using LNAV/VNAV minimums have been canceled. When using a remote QNH, minimums changed as follows:

LPV Rwy 09: CAT AB: DA(H) 911' (710'), RVR 1500m; CAT CD: DA(H) 911' (710'), RVR 2400m. LNAV Rwy 09: CAT AB: DA/MDA(H) 910' (709'), RVR 1500m; CAT CD: DA/MDA(H) 910' (709'), RVR 2400m.

LPV Rwy 27: CAT AB: DA(H) 907' (680'), RVR 1500m; CAT CD: DA(H) 907' (680'), RVR 2400m. LNAV Rwy 27: CAT AB: DA/MDA(H) 910' (683'), RVR 1500m; CAT CD: DA/MDA(H) 910' (683'), RVR 2400m.

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.

Due to works on stands 56 thru 62 (based on SUP 291-19), capacity of these stands are reduced. New stand 56L is available. Planes can access stand 56L from twy T via twy A only. Push back from stand 56L on twy T facing East only. Push back from the other stands (56A, 56B, 56C, 58A, 58B, 58C, 60 and 62) is not modified. Throughout the duration of this work, operators whose ACFT are parked for a night stop on these stands are requested to place engine covers and any other devices needed to protect the ACFT sensitive areas. Refer also to latest Notams.

Per AIC A 033/18 following procedures are effective: RWY 04L/R: (12-3) RNP A RWY 04L/R by default. (11-1/11-2) ILS or LOC RWY 04L, (11-3/11-4) ILS or LOC RWY 04R, (12-1/12-1A) RNP Z RWY 04L, (12-2) RNP Y RWY 04L, (12-4) RNP Z RWY 04R and (12-5) RNP Y RWY 04R are available only, if weather conditions are not met for implementation of RNP A RWY 04L/R.

RWY 22L/R: (12-6) RNP D RWY 22L/R.

Conventional VOR procedures will remain published as back-up only. For further information please refer to: www.sia.aviation-civile.gouv.fr/aicmetropole.

Nis, Serbia-Montenegro, (Konstantin Veliki), Based on SUP 006-19 new temporary procedure (16-01) NDB Rwy 11 established. Refer also to latest NOTAMs.

Oberschleissheim, Germany, (Oberschleissheim (BGS)), COPTER RNP 074° (12-1), COPTER RNP 254° (12-2) & COPTER VOR 096° (13-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMs.

When using a remote QNH, minimums changed as follows:

LNAV H-074°: DA/MDA(H) 2040' (440'), RVR 1000m.

LNAV H-254°: DA/MDA(H) 2040' (440'), RVR 1000m.

VOR 096°: DA/MDA(H) 2090' (490'), RVR 1000m.

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

Oslo, Norway, (Gardermoen), Construction works on airport (based on SUP 008-20). Refer to temp chart 10-8C 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.

TWY C closed between RWY 18/36 and TWY M (based on SUP 17-19).

Palma De Mallorca, Spain, Continued from previous... EFF 02 JAN 20 until 01 JAN 21 (Movement, demolition, installation of new boards and various improvements of existing ones). Temporarily and partial closure of TWYs, gates & parking stands will occur. The start and end dates of each phase and subphase, as well as any operational incident, will be announced by the corresponding NOTAM. Caution is recommended due to the presence of personnel and machinery.

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EFF 02 JAN 20 until **01 JAN 21** Different actions on the airfield will be carried out: Works on margins BTN the Apron and TWYs (levelling of the islets, new duct bank and combs for current lighting compliance). Works for drainage in islets S of TWY LINK (levelling of the islet BTN gates G and J, new drainage system for the islet, new duct bank and combs for current lighting compliance). Actions on the AD for compliance with European regulations (as far as over-widths, ACFT stand markings and OBST are concerned) and compliance works on aeronautical lighting and vertical markings (compliance with European regulations as far as lighting and vertical markings are concerned). See continued..

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 (based on SUP 60/20, with eff date 13 AUG 20 based on SUP 70/20).

Works on airfield (based on SUP 133/19). Refer to temporary charts 10-8 thru 10-8F and latest NOTAM's.

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

Paris, France, (Charles-De-Gaulle), Closure of TWYs due to works on TWY B (based on SUP 032/20). Refer to temporary chart 20-8B and latest NOTAMs.

Closure of TWYs due to works on TWY D (based on SUP 095-20). Refer to temporary charts 20-8E thru 20-8F and latest NOTAMs.

Closure of TWYs GE6, GE7 and part of TWY E (based on SUP 021-20, EFF 27-Jul-20 based on SUP 108-20). Refer to temp chart 20-8A and latest NOTAMs.

Paris, France, (Le Bourget), Construction works on RWY 03/21 in progress, based on SUP 103/20. Refer to temp charts 30-8, 30-8A, 30-8B and latest NOTAMs.

Paris, France, (Orly), Based on NOTAM A3880/20: Minimums for LOC Rwy 02 (chart 11-1) raised as follows:
MDA(H) 670'(383'), RVR 1300m, ALS out RVR CAT AB 1500m CAT CD 1700m.

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

Porto, Portugal, (Francisco SA Carneiro), Construction works East of rwy 17/35 (based on SUP 011/19). Exercise caution due to presence of personnel and machinery. Refer to latest NOTAMs.

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

Pula, Croatia, Based on SUP 007/20 due to new design and markings for all parking positions wait for follow me on TWYs F, G and H and follow Marshall instructions. For temporary parking positions and restrictions refer to chart 10-8 and latest NOTAMs.

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

Rouen/Vallee De Seine, France, ILS OR LOC RWY 22 (FINAL APCH) (11-1A) minimums for LOC (GS out) apch changed to DA/MDA(H) 930' (418'). CAT A & B: RVR 1500m, CAT C: RVR 1500m, ALS out RVR 1900m. RNP RWY 22 (12-2) minimums changed to DA/MDA(H) 930' (418'), RVR values unchanged. VOR RWY 22 (13-1) minimums changed to DA/MDA(H) 930' (418'), CAT A & B: RVR 1500m, CAT C: RVR 1500, ALS out RVR 1900m.

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 (based on SUP 010/20, with eff date 26 MAR 20 based on SUP 033/20), refer to temp chart (11-01) 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), VOR Rwy 11 (13-1) not usable.

Santiago, Spain, (Rosalia de Castro), For construction works on TWY T (based on SUP 63-20) 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). 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 TWYs E1 and E2 (based on SUP 062-19, with eff date 7 NOV 19 based on SUP 99/19). 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). Refer to temporary charts 10-8F, 10-8G and 10-8H and latest NOTAMs.

Satenas, Sweden, (Satenas AB), (11-1) ILS OR LOC RWY 19, (16-1) NDB RWY 01, (16-2) NDB RWY 19, (18-1) PAR RWY 01 and (18-2) PAR RWY 19 Circling CAT C MDA(H) raised to 900' (719') (based on SUP 100-2019).

(11-1) ILS or LOC Rwy 19, (18-1) PAR Rwy 01 & (18-2) PAR Rwy 19 suspended due to Rwy 01/19 closure. (16-1) NDB Rwy 01 & (16-2) NDB Rwy 19 can be used for a visually circle-to-land to Rwy 11/29.

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

Schoenhagen, Germany, RNP Rwy 25 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMs.

The Baro-VNAV procedure for RWY 25 using LNAV/VNAV minimum has been canceled. When using a remote QNH, minimums changed as follows:

LPV CAT I: CAT AB: DA(H) 752' (610'), RVR 1500m; CAT C: DA(H) 752' (610'), RVR 2400m.
LNAV: CAT AB: DA/MDA(H) 750' (608'), RVR 1500m; CAT C: DA/MDA(H) 750' (608'), RVR 2400m.

EUROPE

CIRCLING: Max Kts 100: MDA(H) 800' (648'), VIS 1500m; Max Kts 135: MDA(H) 800' (648'), VIS 1600m.

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, BLN VORDME unserviceable.

(10-2B) STAR BLN 3E segment BLN - PAQIS not usable. RADAR assistance on the affected segment.

(10-2C) STAR BLN 3F segment BLN - D84.4 BLN not usable. P-RNAV equipped ACFT:use STAR BLN 2K. Other ACFT: RADAR assistance on the affected segment.

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).

Shawbury, U.K., (Shawbury AB), (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), Aerodrome beacon unserviceable (based on MIL SUP 18-19)

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.

St Yan, France, (10-1R) Several sectors revised.

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

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 002-20).

Straubing, Germany, RNAV (GPS) Rwy 27 (12-1) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedure for Rwy 27 using LNAV/VNAV minimum has been canceled. The note, Approach authorized only if EDMS QNH is available, can be disregarded. When using a remote QNH, minimums changed as follows:

LPV: CAT AB: DA(H) 1825' (780'), RVR 1500m. LNAV: CAT AB: DA/MDA(H) 1830' (785'), RVR 1500m.

CIRCLING: Max Kts 100: MDA(H) 1890' (837'), VIS 1500m; Max Kts 135: MDA(H) 1890' (837'), VIS 1600m.

Stuttgart, Germany, Construction works in southern part of aircraft stands 40 thru 46 (based on SUP 003-20). Refer to temp chart 10-8 and latest NOTAMS.

Tarbes, France, (Lourdes-Pyrenees), Construction works (based on SUP 113-20). Refer to temp chart 10-8 and latest NOTAMS.

Thessaloniki, Greece, (Makedonia), New trial procedure (13-3) VOR Rwy 28 established (based on AIP AIRAC SUP 002/20). Pilots executing the

procedure are required to abide by the terms stated on the chart and are requested afterwards to fill in the relevant questionnaire available in AIP AIRAC SUP 002/20 and send it via email to d17e@hcaa.gr.

Tirana, Albania, (Rinas), For construction works on airport area (based on SUP 001/19) refer to temp chart 10-8 and latest NOTAMS.

Toulouse, France, (Blagnac), Construction works on airport (based on SUP 077-20). Refer to temp charts 10-8/10-8A and latest NOTAMS.

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.

Toulouse, France, (Francazal), 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.

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, (Manises), 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.

Vila Real, Portugal, Airport limited to rotary-wing and ultralight aircraft. Instrument approach procedure RNP RWY 02 (LNAV) (12-1) suspended (based on SUP 028-19).

ALS Rwy 02 out of service (based on SUP 13-18).

Villacoublay, France, (Velizy AB), IATA code is VIY.

Visby, Sweden, (10-2A) Speed restriction at VEPAX for STAR KINTI 21 should read: MAX 220 KT. (12-2) RNP Rwy 21. Speed restriction at VEPAX should read: MAX 220 KT. Speed restriction not valid for acft via AGDIS.

Vitoria, Spain, Works on service roads (based on SUP 37/20). 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').

Wattisham, U.K., ILS not to be used for auto-coupled approaches.

Procedure established outside controlled airspace note withdrawn.

EUROPE

Wilhelmshaven, Germany, (Jade Weser Airport), RNAV (GPS) Rwy 02 (12-1) & RNAV (GPS) Rwy 20 (12-2) minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

The Baro-VNAV procedures for RWY 02/20 using LNAV/VNAV minimums have been canceled. When using a remote QNH, minimums changed as follows:

LNAV Rwy 02: CAT AB: DA/MDA(H) 570' (557'), RVR 1500m.

LNAV Rwy 20: CAT AB: DA/MDA(H) 550' (532'), RVR 1500m.

Yeovil, U.K., (Westland), (10-9) Aerodrome closed to fixed-wing acft. CAUTION note deleted: Caution required for propeller-driven fixed wing acft.

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), (11-1) ILS or LOC Rwy 04 minimums for LOC (GS out) raised as follows: DA/MDA(H) 710'(357'), RVR 900m, ALS out: CAT AB RVR 1500m, CAT CD RVR 1600m.

Zaragoza, Spain, (18-1) PAR and SRE approach to all RWYs not available (based on SUP 124-19).

ABN out of service. (Based on SUP 133-18, with eff date 7 NOV 19 based on SUP 124/19)

For apron compliance works refer to 10-8 chart and latest NOTAMS (based on SUP 44-20).

Zweibruecken, Germany, Straight-in landing minimums changed (based on SUP 011-20). Refer also to latest NOTAMS.

When using a remote QNH, minimums changed as follows:

VOR Rwy 03 (13-1): CAT AB: DA/MDA(H) 1750' (624'), RVR1500m; CAT CD: DA/MDA(H) 1750' (624'), RVR 2400m.

VOR Rwy 21 (13-2): CAT AB: DA/MDA(H) 1720' (605'), RVR 1500m; CAT CD: DA/MDA(H) 1720' (605'), RVR 2400m.