

NORTHERN 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.

GERMANY

ATS ROUTE SYSTEM (LOW) revised within Bremen, Langen and Munich FIRs. For details refer to CCN 321/322. **EDDF 10-1, EDDM 10-1.**

ITALY

CDR 2 and 3 status withdrawn from all ATS routes within Brindisi, Milan and Rome FIRs. **E LO-4.**

NORWAY

ATS ROUTE SYSTEM (LOW) revised within Polaris FIR. For details refer to CCN 315/BLK. **E LO-1, E LO-7.**

U.K.

Belfast VORDME (BEL) replaced by BELZU NCRP at same position (N54 W006). **E LO-2.**

CDR 3 status withdrawn from all ATS routes within the London FIR and Scottish FIR. **E LO-1, E LO-2, EGLL 10-1.**

BELGIUM
ATS ROUTES changed:

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

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

CZECHIA

FRA waypoints estbld:

EVIKU at N5027.7 E01432.5,
 ODLIV at N5029.0 E01451.9 and
 OMIFU at N5001.0 E01558.2. **E LO-11.**

FRA waypoints withdrawn:

DOBIL at N5002.3 E01556.2 and
 LEMBI at N5033.0 E01452.9.
E LO-11.

DENMARK

VOR station CDA/CODAN 114.900 MHZ out of service.

ESTONIA

KARDLA Lctr (OZ) withdrawn (N59 E023). **E LO-8.**
 KURESSAARE VOR (KRS) decmsnd. (N58 E022) **E LO-8.**

TALLINN VORDME (TLL) chgd to Tallinn DME (TLL) (N59 E024). **E LO-8.**

TARTU TMA withdrawn (N58 E026). **E LO-8.**
 VOHMA DME (VI) decmsnd. (N58 E025). **E LO-8.**

FINLAND

EF(P)-20 redesig EF(P)-10 (N60 E026). **E LO-8.**
 EF(P)-55 redesig EF(P)-15. (N64 E024) **E LO-7.**
 SIIKALATVA DME (SKE) CH74X (112.7) cmsnd at N6418.4 E02618.0. **E LO-8.**
 SODANKYLA DME (SOD) CH75X (112.8) cmsnd at N6725.6 E02634.8. **E LO-7.**

FRANCE
ATS ROUTES changed:

A25, ESUZE CRP estbld at N4521.0 W00055.2; ROYAN - ESUZE - ETPAR, 19/10NM. **E LO-4.**

B24, Montdidier VOR (MTD) replaced by EGOZE CRP at same position (N49 E002). **LFPO 10-1, E LO-3.**

N57, Montdidier VOR (MTD) replaced by EGOZE CRP at same position (N49 E002). **LFPO 10-1, E LO-3.**

N874, Montdidier VOR (MTD) replaced by EGOZE NCRP at same position (N49 E002). **LFPO 10-1, E LO-3.**

T116, GONEK NCRP (N4807.2 E00036.2) withdrawn; LUMAN - ROMGO, 30NM. **LFPO 10-1.**

V13 LARON (N4613.7 E00211.9) - BEPMI - GERVA, MOCAs 3600T/4600T; GERVA - Thiers DME (TIS), MOCA 6100T, MEA 7000'. **E LO-4.**

V18, RISUN (N4621.9 E00236.2) - ENESO, MOCA 3900T; ENESO - Thiers DME (TIS), MOCA 5400T, MEA 6000'. **E LO-4.**

Z57, LATGO (N4828.8 W00015.0) - GONEK, withdrawn. **LFPO 10-1.**

ANGERS VORDME (ANG) chgd to DME (N47 W000). **E LO-4.**

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

CHAMBERY TMA estbld; Class 'E', 1000'-FL75 (N45 E005). **E LO-4.**

CHATEAUDUN CTR withdrawn (N48 E001). **LFPO 10-1.**

CHATEAUDUN TACAN (CHN) decmsnd. (N48 E001). **LFPO 10-1.**

LE BOURGEOIS TMA Class 'D' estbld; 1500'-2500' (N49 E001). **E LO-3, E LO-4.**

PITHIVIERS VORDME (PTV) replaced by OLZOM NCRP at same position (N48 E002). **LFPO 10-1, E LO-4.**

THIERS VOR (TIS) decmsnd (N45 E003). **E LO-4.**

GERMANY
ATS ROUTES changed:

L620, Hamm VORDME (HMM) - EXOBA, CDR 1 (N51 E007). **E LO-3.**

NORTHERN EUROPE

- L856, SIXWA NCRP estbld at N4744.2 E00958.2; Kempten VORDME (KPT) - SIXWA - RAVED, 15/12 NM. **E LO-4, EDDM 10-1.**
- M105, HALCI (N5323.0 E00840.3) renamed OPJOT. **E LO-10.**
- M725, OSROC NCRP estbld at N5247.5 E01359.3; RENKI - OSROC - GERGA, 8/11NM. **E LO-8.**
- N125, ALZAP (N5316.0 E00841.6) renamed SIMAF. **E LO-10.**
- N624, NIKUT (N4936.5 E00948.7) - TOSTU, withdrawn. **CCN 322.**
- N869, LETKU NCRP estbld at N4920.9 E01033.2; ODEGU - LETKU - DINKU, 6/10NM. **CCN 322.**
- T159, HEFME NCRP estbld at N4946.5 E01013.2; OLALI - HEFME - INBOS, 6/25NM. **CCN 322.**
- T159, ODEGU (N4924.9 E01039.7) withdrawn; PETIX - KEPIT, 320°, 11NM. **E LO-11, CCN 322.**
- T239, IDOWO NCRP estbld at N5247.6 E01356.5; GERGA - IDOWO - ABIKA, 12/21NM. **E LO-8.**
- T474, IBESA (N5029.7 E00620.0) - HEFOP, MEA FL110, CDR 1. **E LO-3.**
- T726, TOSTU (N4942.8 E00948.4) to GEBNO, chgd to two-way; TOSTU - NIKUT, 175°/355°; NIKUT - GEBNO, 166°/346°; TOSTU to GEBNO, cruising levels standard, ODD levels S-bound; GEBNO to Luburg VORDME (LBU), cruising levels NON-standard, ODD levels SW-bound. **CCN 322.**
- T847, IMCOM NCRP estbld at N5020.2 E00651.7, NIVNU - IMCOM - TUTOV, 093°, 14/15NM. **EDDF 10-1.**
- T851, DENOL (N5159.0 E00840.4) - Hamm VORDME (HMM), CDR 1. **E LO-3.**
- T853, IBESA (N5029.7 E00620.0) - Noervenich VORTAC (NVO), MEA FL110, CDR 1. **E LO-3.**
- T854, Warburg VORDME (WRB) - TINSa, CDR 1 (N51 E009). **E LO-3.**
- T860, IBESA (N5029.7 E00620.0) - LEDMU, MEA FL110, CDR 1. **E LO-3.**
- T861, DENOV (N5038.2 E 00612.4) - RUTAP, MEA FL110. **E LO-3.**
- T907, HALCI (N5323.0 E00840.3) renamed OPJOT. **E LO-10.**
- T911, RUDUS (N5002.9 E00804.7) - XIDOD, CDR 1. **E LO-3, EDDF 10-1.**
- T940, Dinkelsbuehl VORTAC (DKB) - SUBAG, withdrawn (N49 E010). **CCN 322.**
- T948, HALCI (N5323.0 E00840.3) renamed OPJOT. **E LO-10.**
- T951, TEXTI replaced by IVDUF NCRP at N5114.0 E01434.8; IVDUF - IVQOQ, 261°, 47NM; IVQOQ - YAWOY, 265°. **CCN 322.**
- T960 extended; WERRA NCRP at N5128.2 E00944.1 - TOLTA, 324°, 16NM, MEA 5000', one-way N-bound. **E LO-3, CCN 322.**
- UQ162, ERMEL (N4911.3 E01102.7) to SPESA, redesignated Q162. **CCN 322.**
- UQ163, MOGTI to ETASA, redesignated Q163; NIKWU NCRP estbld at N4754.0 E01025.0; MOGTI - NIKWU - OLASO, 33/20NM. **E LO-4, CCN 322, EDDM 10-1.**
- UQ863 extended; GESUC NCRP at N4818.5 E01043.8 - TEKSI, 308°, 35NM, MEA FL240, one-way NW-bound; GESUC to ETASA, redesignated Q863. **E LO-4, CCN 322, EDDM 10-1.**
- Y165 estbld; OLALI NCRP (N4944.4 E01021.1) - EDUDU NCRP, 321°, 13NM, MEA 5000', one-way NW-bound. **CCN 322.**
- Y166 estbld; BOLSI NCRP at N4913.9 E01045.5 - Dinkelsbuehl VORTAC (DKB) NCRP, 252°/ (073°), 21NM, MEA 6000', one-way SW-bound. **CCN 322.**
- Y167 estbld; BOLSI NCRP at N4913.9 E01045.5 - AKANU NCRP, 196°, 12NM, MEA 6000', one-way S-bound. **CCN 322.**
- Y243, POVEL (N5207.7 E01049.7) - NORTA, withdrawn. **CCN 321.**
- Y800 extended; ELTED (N5149.2 E01136.1) - DESAR NCRP, 20NM, MEA FL230; POVEL to DESAR, 119°, one-way SE-bound. **CCN 321.**
- Z12, XIDOD (N4927.3 E00801.6) to UMDAS, MAA FL90. **E LO-3, CCN 322, EDDF 10-1.**
- Z45, ALZAP (N5316.0 E00841.6) renamed SIMAF. **E LO-10.**
- Z47, ELTUK (N5200.5 E00752.0) - EXOBA, CDR 1. **E LO-3.**
- Z76, GEBNO (N4910.0 E00955.9) - NIKUT, withdrawn. **CCN 322.**
- Z94, POVEL (N5207.7 E01049.7) - ABGUS, 148°/ 328°, chgd to two-way. **CCN 321.**
- Z97, NEKLO (N4917.2 E00828.6) - MANEM, CDR 1. **E LO-3, EDDF 10-1.**
- Z100, TIGPI (N4954.9 E00705.1) - SOMIM, CDR 1. **E LO-3, EDDF 10-1.**
- Z104, HEFME NCRP estbld at N4946.5 E01013.2; IBAGA - HEFME - EKPUT, 13/5NM. **CCN 322.**
- Z109 extended; AKINI NCRP (N4845.0 E01207.5) - UPALA, 304°, 45NM, MEA 5000', one-way NW-bound, CDR 1. **CCN 322, EDDM 10-1.**
- Z131 extended; DESAR NCRP - PENEM NCRP at N5142.6 E01205.3, 018°, 5NM; PENEM - UMBAL, 025°, 7NM; DESAR to UMBAL, MEA 4000', one-way NW-bound. **CCN 321.**
- Z141 estbld; AMRUP NCRP - MOPAN NCRP, 003°, 28NM; MOPAN - Karlsruhe/Baden-Baden NDB (KBA) NCRP, 353°, 33NM, MAA, FL220; AMRUP to Karlsruhe/Baden-Baden NDB, MEA 8000', one-way N-bound (N48 E008). **E LO-3, E LO-4.**
- Z189, PODER (N5136.8 E00841.3) - RUNER, CDR 1. **E LO-3.**
- Z441, OLDIP (N5437.0 E00842.2) to TUSKA, withdrawn. **E LO-10.**
- Z594, HALCI (N5323.0 E00840.3) renamed OPJOT. **E LO-10.**
- Z612, HALCI (N5323.0 E00840.3) renamed OPJOT. **E LO-10.**
- Z652 estbld; Trasadingen DME (TRA) NCRP - MOPAN NCRP at N4814.8 E00809.16, 338°, 35NM, MEA 8000', one-way N-bound. **E LO-4.**
- Z705 estbld; ENUGA NCRP at N5239.3 E00903.6 - MOBSA NCRP, 216°, 35NM, MEA FL200, one-way SE-bound. **E LO-10, E LO-3, E LO-11, CCN 321.**
- Z729, BADLI (N4903.8 E00826.9) to TOMPI, MAA FL240. **E LO-3, EDDF 10-1.**
- Z818, RINEX (N4919.8 E00838.1) to SARRI, MAA FL240. **E LO-3, EDDF 10-1.**
- Z851, ELTUK (N5200.5 E00752.0) - OSDIK, CDR 1. **E LO-3.**

NORTHERN EUROPE

ATS ROUTES (undesigned) changed:

DOMEG (N5142.6 E00735.2) - SONOR, withdrawn.
E LO-3.

Germinghausen VORDME (GMH) HOLDING chgd,
inbound track 158°, LEFT turns. (N51 E007)
EDDF 10-1.

HASSFURT Airspace Class. É withdrawn (N50
E010). Eff 23 Mar 23. **E LO-11.**

KARLSRUHE/BADEN-BADEN NDB (KBA) 431
cmsnd at N4847.9 E00805.9. **E LO-3, E LO-4.**

RODING VOR (RDG) decmsnd (N49 E012).
CCN 322.

SCHWERIN-PARCHIM Airspace Class. É withdrawn
(N53 E011). **E LO-8, E LO-10.**

SCHWERIN-PARCHIM CTR withdrawn (N53 E011).
E LO-8, E LO-10.

TRENT VORDME (TRT) 108.45 cmsnd at N5430.7
E01314.0. **E LO-8.**

WESTERLAND/SYLT NDB (SLT) decmsnd (N54
E008). **E LO-10.**

IRELAND

ATS ROUTES changed:

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

ITALY

ATS ROUTES changed:

L615, Orio Al Serio NDB (ORI) withdrawn, LEGLO
- OSKOR, 15NM (N45 E009). Eff 23 Mar 23.
E LO-4.

LATVIA

GRID MORA (N57-N58/E021-E022) raised to 2200'.
E LO-8.

LIELVARDE VORTAC (LLR) 108.6 cmsnd at
N5645.5 E02451.0. Eff 23 Mar 23. **E LO-10,
E LO-9.**

LITHUANIA

ATS ROUTES changed:

L736, TOTRA (N5526.6 E02246.3) - PODIL, CDR1.
E LO-9.

NETHERLANDS

DEN HELDER VOR (HDR) decmsnd (N52 E004).
E LO-2.

SPIJKERBOOR VOR (SPY) decmsnd (N52 E004).
E LO-2.

NORWAY

ATS ROUTES changed:

M613, ENEXI (N6919.9 E02545.2) - Alta VORDME
(ATA), redesignated M631; Alta VORDME (ATA)
- BETMA withdrawn. **E LO-7.**

P853, MOKAX NCRP estbl'd at N6904.5 E01955.5;
Tromso VORDME (TRO) - MOKAX - RIXEM,
143°/323°, 43/19NM, MEA FL120. **ENDU 10-1.**

T399, MOKAX NCRP estbl'd 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.**

Z156, AMIMO (N6752.5 E01626.5) - Senja NDB
(SJA), 013°/193°. **ENDU 10-1, E LO-7.**

Z201, EVABO NCRP (N6805.1 E01610.9)
withdrawn; PENNO - Evenes VORDME (EVD),
015°/195°, 34NM. **ENDU 10-1.**

FRA waypoints chgd within Polaris FIR/UIR:

AMKUX estbl'd at N6038.7 E00343.4,
AMLAB estbl'd at N6119.9 E00353.7,
ATWET estbl'd at N6101.1 E01207.1,
BETRO estbl'd at N6146.9 E00249.9,
EDURA (N6300.0 E00343.0) withdrawn,
GENVU estbl'd at N5937.6 E00455.9,
IBWOT (N6101.1 E01207.1) withdrawn,
IPSEN (N6522.8 E01203.6) withdrawn,
ROGLO (N6300.0 E00200.0) withdrawn,
TUPUV (N6300.0 E00304.0) withdrawn.
E-57 to E-59.

ISFJORD NDB (ISD) decmsnd. (N78 E013) **E LO-7.**

POLAND

ZABOROWEK VORDME (WAR) 114.9 cmsnd at
N5315.6 E02039.4. Eff 23 Mar 23. **E LO-10,
E LO-11.**

RUSSIA

Sankt Petersburg FIR lateral limits chgd to include
previous Arkhangelsk, Kotlas, Murmansk,
Murmansk Oceanic, Syktyvkar and Vologda FIRs.
E LO-7, E LO-8.

SLOVENIA

FRA waypoint estbl'd:

FORJO at N4533.9 E01358.1 **E LO-12.**

SWEDEN

ATS ROUTES changed:

M607, GOSDI NCRP estbl'd at N6459.3 E02121.9;
SOPLI - GOSDI - ELBOG, 48/11NM. **E LO-7.**

M852, TIMOB NCRP estbl'd at N6504.2 E02100.1;
AMPAD - TIMOB - RISEM, 55/11NM. **E LO-7.**

T31, BESLA (N6551.5 E02218.6) to VALAK,
redesignated T81. Eff 23 Mar 23. **E LO-7.**

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

VIDSEL TMA lower limit 2400' (N66 E019). **E LO-7.**

SWITZERLAND

ATS ROUTES changed:

A1, DINOX (N4640.0 E00607.2) - St-Prex VORDME
(SPR), MEA 8000'. **E LO-4.**

L613 extended; RONAG - ARGAX - ELMUR,
43/17NM, MEAs 14000°/11000°, CDR 1; ELMUR
to RIPUS chgd to two-way; ELMUR - MANEG,
289°/108°, MANEG - RIPUS, 288°/107° (N46
E010). **E LO-4.**

T163 extended; DITON (N4718.1 E00820.0) -
ROTOS NCRP, 252°, 26NM; ROTOS - LUTIX
NCRP, 261°, 15NM; DITON to LUTIX, MEA
7000', one-way W-bound. **E LO-4.**

T718 estbl'd; ELMUR NCRP - Trasadingen DME
(TRA) NCRP, 326°/(146°), 37NM, MEA 9000',
one-way NW-bound (N47 E008). **E LO-4.**

NORTHERN EUROPE

T721 estbld; RILAX NCRP - Zurich East VORDME (ZUE) NCRP, 147°(327°), 24NM, MEA 7000', one-way SW-bound (N47 E008). **E LO-4.**

T734 extended; Trasadingen DME (TRA) NCRP - RONIX NCRP at N4713.8 E00827.4, 355°(175°), 28NM, MEA 5000', one-way SE-bound. **E LO-4.**

Y100 extended; Trasadingen DME (TRA) - Willisau VORDME (WIL) NCRP, 212°(032°), 38NM, MEA 7000', one-way SE-bound, cruising levels NON-standard, ODD levels (N47 E008). **E LO-4.**

Z59 KONOL to LUMEL, 316° (N47 E007). **E LO-4.**

Z83, DETRI (N4636.4 E00848.9) - ULGOD and ROSGO - GUGSA, CDR status withdrawn. **E LO-4.**

Z141 extended; BERSU - AMRUP NCRP, 005°, 39NM, MEA 7000', one-way N-bound, cruising levels NON-standard, EVEN levels (N47 E008). **E LO-4.**

Z601 extended; Willisau VORDME (WIL) - ROTOS NCRP, 092°/272°, 7NM, MEA 8000' (N47 E007). **E LO-4.**

Z652, KESEX - Trasadingen DME (TRA), 333°(153°) (N47 E008). **E LO-4.**

U.K.

ATS ROUTES changed:

L151, UMLUX (N5222.6 W00200.3) renamed BRUMI. **EGCC 10-1, E LO-2, E LO-3.**

L612, ELBUS NCRP estbld at N5529.7 W00404.6, LUSIV - ELBUS - NAVSO, 12/19NM. **E LO-2.**

M87 extended; SOQQA NCRP at N5136.4 E00023.5 - SODVU NCRP at N5135.3 E00034.8, 098°, 7NM; SODVU - EKNIV, 170°, 11NM; SOQQA to EKNIV, MEA FL70, one-way E-bound. **EGLL 10-1.**

M981, GODOS (N5314.9 E00325.8) to NATEB chgd to two-way, GODOS - ROXAT, 301°/121°, ROXAT - NATEB, 301°/119°. **E LO-2.**

M982, TOPPA (N5324.1 E00333.7) - ROKAN chgd to two-way, 318°/138°, CDR status withdrawn. **E LO-2.**

N27 estbld; SAXBI NCRP at N5145.1 W00011.2 - Henton NDB (HEN) NCRP, 271°, 23NM; Henton NDB - RODNI NCRP at N5142.9 W00051.7 - Compton VORDME (CPT) NCRP, 225°(045°), 4/19NM; SAXBI to Compton VORDME, MEA FL80, one-way W-bound. **EGLL 10-1.**

N92, UMLUX (N5222.6 W00200.3) renamed BRUMI. **EGCC 10-1, E LO-2, E LO-3.**

N562, AMCON NCRP estbld at N5534.5 W00638.6, Machrihanish DME (MAC) - AMCON - DONIB, 35/37NM. **E LO-2.**

N601, BAKER (N5129.7 E00017.9) withdrawn; Detling DME (DET) - Brookmans Park DME (BPK), 38NM, MEA FL90. **EGLL 10-1, E LO-3.**

N864, Berry Head VORDME (BHD) to MULIT and MONTY - GODPA, MOCAs withdrawn (N50 W003). **E LO-2.**

P1, GODOS (N5314.9 E00325.8) to ROKAN chgd to two-way, 339°/159°. **E LO-2.**

P18, OKPAL (N5649.4 W00204.6) - RATPU, MEA FL70. **E LO-1.**

P600, BLACA (N5453.0 W00509.5) to GIRVA and ENUKU - EDONU, MOCAs withdrawn; Aberdeen VORDME (ADN) - OSLEL, MEA FL70. **E LO-1, E LO-2.**

P600, FINDO NCRP estbld at N5622.2 W00327.8, EDONU - FINDO - Perth VOR (PTH), 6/5NM. **E LO-1.**

T256, ROVLA NCRP estbld at N5523.6 W00428.4, NORBO - ROVLA - ORVUL, 16/17NM. **E LO-2.**

Y904, Aberdeen VORDME (ADN) - NANEV, MEA FL70 (N57 W002). **E LO-1.**

Y905, Aberdeen VORDME (ADN) to RISDU, MEA FL70; MOCHA chgd to CRP (N57 W002). **E LO-1.**

Y905, MONAV NCRP estbld at N5823.1 W00138.2, RISDU - MONAV - BEKET, 47/30NM; Sumburgh VORDME (SUM) replaced by WAFIL NCRP at same position. **E LO-1.**

Y906, Stornoway VORDME (STN) - ULLAP, MOCA withdrawn (N58 W006). **E LO-1.**

ARGYLL CTA Class 'C/E' estbld; 5500'-FL245 (N56 W005). **E LO-1, E LO-2.**

BELFAST ALDERGROVE NDB (OY) decmsnd (N54 W006). **E LO-2.**

CARLISLE DME (CO) decmsnd. (N54 W002). **E LO-2.**

CARLISLE NDB (CL) decmsnd. (N54 W002). **E LO-2.**

FORTH CTA Class 'C' estbld; FL195-FL245 (N57 W002). **E LO-1, E LO-2.**

GREAT DUN FELL DME (DUF) CH 99Y (115.25) commissioned. (N54 W002) **E LO-2.**

LEUCHARS TACAN (LUK) decmsnd. (N56 W002). **E LO-1.**

MANCHESTER VOR (MCT) withdrawn from ATS-routes (N53 W002). **E LO-2.**

MORAY CTA Class 'C/E' estbld; 4500'-FL245 (N57 W001). **E LO-1.**

TAY CTA Class 'A/D' estbld; 4500'-FL195 (N56 W003). **E LO-1.**

TRENT VOR (TNT) withdrawn from ATS-routes (N53 W001). **E LO-2.**

WINSTONE DME (WIN) CH104Y (115.75) cmsnd at N5147.4 W00203.0. **E LO-3.**

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

NORTHERN EUROPE

GERMANY

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

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

Location/airport name changed from Monchengladbach to Moenchengladbach.

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.

U.K.

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

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 basetrun 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.

Aix, France, (Les Milles), (10-3) Minimum climb gradient for RWY 32: instead of 4.5% read 6.5% until 970.

Amsterdam, Netherlands, (Schiphol), (10-9A) AIRPORT INFO, TAKE-OFF MNMS - Approach and Rwy lighting: RWY 04 (ALS) should read

HIALS instead of MIALS, RWY 04 and RWY 22 (RL) should read HIRL instead of MIRL (based on AMDT 002-23 AIRAC).

(11-4) ILS or LOC Rwy 22. Minimums changed as follows: ILS DA(H) 236' (250'). With ALS R800m, ALS out R1300m. Based on NOTAM A0027-23.

(11-4, 11-8, 12-6) ILS or LOC Rwy 22, ILS or LOC Rwy 22 (COPTER), RNP Rwy 22: Missed apch: No turn allowed before 1.2 NM prior THR Rwy 22 due to cranes left of the final approach. (Based on NOTAM A2531-22).

(11-6) ILS or LOC Rwy 36C. Minimums changed as follow: LOC (GS out) DA/MDA(H) 390' (402'). With ALS CAT ABCD: R1200m; ALS out CAT AB: R1500m, CD: R1900m. Based on NOTAM A0264-23.

(11-8) ILS or LOC Rwy 27. Minimums changed as follow: LOC (GS out) DA/MDA(H) 570' (582'). With ALS CAT AB: R1500m, CD R2000m; ALS out CAT AB: R1500m, CD R2400m. Based on NOTAM A1128-22.

Construction works on Apron A (based on SUP 012-21). Refer to temp chart 10-8B and latest NOTAMs.

TWYs & RWY ENTRIES/EXITS renamed (based on AIC A 001-23). Refer to temp charts 10-8/10-8A 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), (12-1, 13-1) RNP Rwy 11, VOR Rwy 11 straight-in minimums changed as follows: LNAV DA/MDA(H) 610'(582'), CAT C with ALS: RVR 2300m. VOR DA/MDA(H) 610'(578'), CAT C with ALS: RVR 2200m (based on SUP 068-22).

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

Auxerre, France, (Branches), (10-9) TWY B for daytime use only. Eff 23 Mar 23.

Avord, France, (Avord AB), Based on NTM M0603/23 and M0605/23:

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

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

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

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

Minimums for TACAN Rwy 24 (chart 14-2A) raised as follows:

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

Basle-Mulhouse, France, Works on TWY B (based on SUP 277/22). Refer to TEMP charts 10-8, 10-8A, 10-8B and 10-8C and latest NOTAMs.

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

NORTHERN EUROPE

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

Biarritz, France, (Pays Basque), Modification of the parking stands (based on SUP 16-23). Refer to temp chart 10-8 and latest notams. Eff 25 Mar 23.

Biggin Hill, U.K., Construction works - new Twy B (based on SUP 001-23). Refer to temp chart 10-8 and latest NOTAMS.

Birmingham, U.K., (10-9 & 10-9B) Stop bar D4 unserviceable (based on SUP 052-22).

Bordeaux, France, (Merignac), Pavement rehabilitation works phase 1 and 2 (based on SUP 254-22). Please refer to temp charts 10-8 and 10-8A and latest notams.

Boscombe Down, U.K., (All IACs) BDN TACAN freq 108.2 Mhz, CH19X available to aircrew for navigational purposes only. Instrument Approaches using TACAN are not available. Reading may be unreliable. Based on MIL SUP 004-22.

Brest, France, (Bretagne), (11-1) ILS Z or LOC Z Rwy 25L, (11-1A) CAT II/III ILS Z Rwy 25L, (11-2) ILS Y or LOC Y Rwy 25L and (11-2A) CAT II/III ILS Y Rwy 25L transition from LN NDB to BODIL withdrawn. Eff 23 Mar 23.

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., ILS Rwy 07 not suitable for auto-coupled approaches to CAT 1 DH.

Brussels, Belgium, (Brussels National), (12-4) RNP Rwy 25R - LPV mnms changed as follows: DA(H): CAT A 388'(286'), CAT B 398'(296'), CAT C 408'(306'), CAT D 418'(316'). RVR with ALS CAT AB 900m, CAT CD 1000m. RVR without ALS CAT ABCD 1400m. (Based on SUP 001-23).

Based on SUP 009-22 following SIDs are not available:

Rwy 07L: LNO 2W (10-3M), SPI 2W (10-3V2), SOPOK 2W (10-3T4), PITES 2W (10-3P), ROUSY 2W (10-3Q8) and CIV 1W (10-3G9),
Rwy 07R: LNO 2Y (10-3N), SPI 2Y (10-3V3), SOPOK 2Y (10-3T5), PITES 2Y (10-3Q), ROUSY 2Y (10-3Q9) and CIV 2Y (10-3H).

Based on SUP 012-22 following SIDs are not available:

Rwy 07L: LNO 2T (10-3C2), SOPOK 2T (10-3E7) and SPI 2T (10-3G2).
Rwy 07R: LNO 2V (10-3D), SOPOK 2V (10-3E7) and SPI 2V (10-3G2).
Rwy 25L: LNO 2E (10-3B) and SPI 2E (10-3F).
Rwy 25R: LNO 2G (10-3B), LNO 2M (10-3C1), SOPOK 2M (10-3E6), SPI 2G (10-3F) and SPI 2M (10-3G1)
Rwy 25L/R: LNO 2K (10-3C), PITES 2G (10-3E), PITES 2K (10-3E1), ROUSY 2G (10-3E2), ROUSY 2K (10-3E3), SOPOK 2G (10-3E4), SOPOK 2K (10-3E5) and SPI 2K (10-3G).

Buchel, Germany, (Buchel AB), RWY 03/21 closed. 24 HR PPR.

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.

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

Charleroi, Belgium, (Brussels South), (10-9B) Only taxilane G is available on Apron North (P10 thru P15), the use of taxilane F and H is prohibited on CAA request. Delay can be expected (based on SUP 006-22).

Chievres, Belgium, (Chievres AB), (31-1) ILS RWY 26 COUPLED APPROACHES NOT AUTHORIZED BELOW 700 FT MSL.

Cologne-Bonn, Germany, Construction works TWY B - Phase 2.2. Please refer to 10-8 and latest NOTAMS.

Cork, Ireland, Runway pavement repairs on rwy 07/25 (based on AIRAC SUP 031-22). Refer to temp chart 10-8 and latest NOTAMS.

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

Dole, France, (Tavaux), *DOLE A/A (w/o local ATS) 130.775 French only available. Eff 23 Mar 23.

Doncaster Sheffield, U.K., (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS. Note added: RWY 20 lead on from A6/A7, RWY 02 lead off to A6/A7 - interruption to lighting pattern, 3 consecutive lights U/S. Follow-me required when visibility less than 350m. Based on SUP 075-22.

(10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS. Note added: Rwy 20 turning circle - interruption to lighting pattern, 2 consecutive lights U/S. Follow-me required when visibility less than 350m. (Based on SUP 074-22).

Dublin, Ireland, (Dublin Intl), (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.

(10-8G) New RWY 10L/28R planned operational stages (based on AIRAC SUPs 018-22 and 020-22). Refer to temp chart 10-8G and latest NOTAMS.

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

Construction of critical Twy North Phase 1 - Twy F-outer (based on SUP 001-23). Refer to temp chart 10-8 and latest NOTAMS.

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

Construction of critical TWY North phase 1. Refer to temporary chart 10-8A and latest NOTAMS. (Based on AIRAC SUP 010-22).

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

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

NORTHERN EUROPE

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

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

Reconfiguration of Aircraft Parking Stands Located West of Pier 1. Refer to 10-8D chart and latest NOTAMs. (Based on AIRAC SUP 003-23).

Refurbishment of Airfield Perimeter Road South of RWY 10R/28L. Phase 1: All works and construction equipment in this area will remain clear of all Obstacle Limitation Surfaces for RWY 10R/28L and RWY 16/34. It is intended that works in this phase will commence on the 2 JUL 22 and will be ongoing for 25 weeks. Working hours will be 0800LT to 1800LT. Phase 2: All works and construction equipment in this area will remain clear of all Obstacle Limitation Surfaces for RWY 10R/28L. It is intended that works in this phase will commence on the 9 SEP 22 and will be ongoing for 1 week. Working hours will be 0800LT to 1800LT. During the working hours of this Phase, RWY 16/34 will be withdrawn from service for all take-offs and landings. Based on SUP 016-22 AIRAC.

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

Duesseldorf, Germany, Construction works (based on SUP 02/23). Please refer to temp charts 10-8/10-8A and 10-8B and latest NOTAMs.

Epinal, France, (Mirecourt), (10-9) TWY F reserved for ACFT with authorization from AD operator. TORA RWY 08 from TWY B intersection 3363' (1025m). Eff 23 Mar 23.

Eskilstuna, Sweden, (12-2) RNP Rwy 36 is only available when Eskilstuna TIA/RMZ is established (based on SUP 156-22).

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

Florennes, Belgium, (Florennes AB), (18-1) PAR RWY 08L, 26R OR ASR RWY 08L/R, 26L/R. Minimums changed as follow: PAR Rwy 08L, CAT ABC: DA(H) 1175' (275'), with ALS: 300' - 1.0km, ALS out: 300' - 1.8km. PAR RWY 26R, CAT ABC: DA(H) 1175' (251'), with ALS: 300' - 0.8km, ALS out: 300' - 1.6km. Based on NOTAM M2968/22.

Frankfurt/Main, Germany, Construction works on General Aviation area (based on SUP 01/23). Refer to temp chart 10-8 and latest Notams.

In the area of TWYs S28 and S29, a special taxi procedure must be observed. It is not possible to taxi from TWY R via TWY S29 to TWY S. Aircraft taxiing on TWY R to RWY 18 to the West need to taxi via TWY S28 to TWY S.

Gloucestershire, U.K., Radar services will not be available until completion of radar project works which are estimated to commence in 2023. (Based on SUP 032-22).

Goteborg, Sweden, (Landvetter), D-ATIS U/S due work in progress (based on SUP 011-23).

Ingolstadt, Germany, (Manching), RWYs 07L/25R should read RWYs 06L/24R, RWYs 07R/25L should read RWYs 06R/24L.

Ireland West, Ireland, (Knock), (10-9) AIRPORT, PARKING, AIRPORT INFO, LVP, TAKE-OFF MNMS: RWY guard lights TWY B unserviceable. Based on SUP 026-22 AIRAC. Refer also to latest NOTAMs.

(10-9) Apron B is not available for Private Parking or Schedule Traffic. Based on SUP 012-22.

ATIS frequency 118.525 not available.

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

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

Circle-to-land minimums changed as follows: North of rwy MDA(H) for CATA and B: 700' (588'), CAT C: 1040' (928'). Total area MDA(H) for CAT A: 1100' (988'), CAT B 1200' (1088'), CAT C 1500' (1388'). Based on NOTAM AO029-23.

Kirkenes, Norway, (Hoybuktnoen), Missed approach for VOR A (13-2) changed to: Climb on 165 to VOR, then turn RIGHT on R-236 for 1 min. Turn RIGHT direct to VOR. Enter KIK holding climbing to 3000'. Eff 23 Mar 23.

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

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

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

Liege, Belgium, New marking of all stands on Apron South (based on SUP 012-23). Refer to temp charts 10-8, 10-8A and latest NOTAMs.

Renewal of the Twy A lighting installations. Refer to 10-8B and 10-8C charts and the latest NOTAMs. (Based on SUP 008-23)

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.

Linkoping, Sweden, (Malmen AB), Locator SC withdrawn. (21-2) ILS or LOC Rwy 19: Radar vectoring required. Holding and racetrack cannot be performed. MSA 25 NM SC L withdrawn. (26-4) NDB Rwy 19: Procedure completely withdrawn (based on AIRAC SUP 085-22, Eff 11 AUG 22).

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

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

NORTHERN EUROPE

(28-1) SRA All Rws - SRAs for Runways 08R/26L and 08L/26R are not available - based on SUP 085-22.

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

Taxiway closure due to construction works (based on SUP 006-23). Refer to temp chart 10-8 and latest NOTAMs.

There may be observations of VOR DME 'LON' bearing fluctuations within the 005-045 degrees mag sector radials from the London VOR DME station. Based on SUP 082-22.

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.

London, U.K., (Stansted), Rehabilitation of Rwy 04/22 - full closure (based on SUP 072-22). Refer to temp chart 30-8 and latest NOTAMs.

Rehabilitation of Rwy 04/22 - reduced distance operations (based on SUP 077-22). Refer to temp charts 30-8A and 30-8B and latest NOTAMs.

Luxembourg, Luxembourg, Construction works on western side of Terminal A - due to heights of cranes minimums are affected on following procedures: (11-1) ILS or LOC Rwy 06 and (12-1) RNP Rwy 06. Refer to temp chart 10-8B and latest NOTAMs (based SUP 035-22).

Luxeuil, France, (St Sauveur AB), RNP Rwy 11 (12-1) LPV CAT A DA(H) 1088'(230'), RVR 550m, ALS out RVR 1200m, CAT B DA(H) 1098'(240'), RVR 550m, ALS out RVR 1200m, CAT C DA(H) 1108'(250'), RVR 550m, ALS out RVR 1300m, - CAT D DA(H) 1118'(260'), RVR 600m, ALS out RVR 1300m, Squarenote 1 unchanged. LNAV/VNAV, LNAV and C-T-L unchanged.

RADAR PAR Rwy 11 (18-1) Straight-in: CAT A DA(H) 1098'(240'), RVR 550m, RVR 750m when a Flight Director or Autopilot or HUD to DA is not used, ALS out RVR 1200m, CAT B DA(H) 1108'(250'), RVR 550m, RVR 750m when a Flight Director or Autopilot or HUD to DA is not used, ALS out RVR 1300m, CAT C DA(H) 1118'(260'), RVR 600m, RVR 750m when a Flight Director or Autopilot or HUD to DA is not used, ALS out RVR 1300m, CAT D DA(H) 1128'(270'), RVR 600m, RVR 750m when a Flight Director or Autopilot or HUD to DA is not used, ALS out RVR 1300m. C-T-L unchanged.

Lyon, France, (Saint Exupery), 'Continuous Descents - Operational assessment for Initial Approaches' (based on SUP 003-23) in progress. Please refer to TEMP pages 11-00/11-00A, (11-00B) RNAV INITIAL APPROACH RWYs 17L/R (TEMP), (11-00C) RNAV INITIAL APPROACH RWYs 35L/R (TEMP) 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'.

Marseille/Provence, France, ACFT non 8.33 KHz equipped. On departure ACFT shall contact ATS on PROVENCE Tower 133.100 MHz. On arrival,

unless otherwise instructed by ATS, ACFT shall contact ATS on PROVENCE Approach 129.475 MHz.

Memmingen, Germany, Sequence flashing lights established for Rwy 06/24.

Mikkeli, Finland, RWY 11/29 is not in use for take-off or landings from 29 JUN 22 0900 UTC to 3 JUL 22 0300 UTC. TWYs and aprons are not in use for air traffic excluding separately defined area on apron, which is only available for SAR and ambulance helicopters and other helicopters agreed in advance (based on SUP 048-22).

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

Nancy, France, (Ochey AB), Based on NTMs M0381/23 and M0384/23:

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.

Nuernberg, Germany, During maintenance work (based on SUP 026-22) rwy 10/28 is closed at the following dates and times:

05 May 2023 (Friday) 21:30 LT to 06 May 2023 (Saturday) 06:00 LT.

06 May 2023 (Saturday) 21:00 LT to 07 May 2023 (Sunday) 06:00 LT.

07 May 2023 (Sunday) 21:00 LT to 08 May 2023 (Monday) 04:00 LT.

12 May 2023 (Friday) 21:30 LT to 13 May 2023 (Saturday) 06:00 LT.

13 May 2023 (Saturday) 21:00 LT to 14 May 2023 (Sunday) 06:00 LT.

14 May 2023 (Sunday) 21:00 LT to 15 May 2023 (Monday) 04:00 LT.

19 May 2022 (Friday) 21:30 LT to 20 May 2023 (Saturday) 06:00 LT.

20 May 2022 (Saturday) 21:00 LT to 21 May 2023 (Sunday) 06:00 LT.

21 May 2022 (Sunday) 21:00 LT to 22 May 2023 (Monday) 04:00 LT.

Refer also to latest NOTAMs. Eff 05 May 23.

Orange, France, (Caritat AB), Works on Airport Phase 1 (based on SUP 199-22). Refer to TEMP chart 10-8 and latest NOTAMs.

Ostend-Brugge, Belgium, (Ostend), (12-1) RNP RWY 08, (12-2) RNP RWY 26 - procedures are not available. (Based on SUP 010-23).

Construction works on Apron 3 (based on SUP 034-21). Refer to temp chart 10-8B and latest NOTAMs.

NORTHERN EUROPE

Oxford, U.K., Airfield development works (based on SUP 078-22). Refer to temp chart 10-8 and latest NOTAMS.

Pajala, Sweden, (12-1) RNP Rwy 11, (12-2) RNP Rwy 29, (16-1) NDB DME Rwy 11, (16-2) NDB DME Rwy 29: Airport beacon withdrawn (based on AIRAC AMDT 002-23). Eff 23 Mar 23.

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), (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'.

'Operational Evaluation of Green Descents for Downwind Arrivals' in progress (based on SUP 166-22, Eff 01 Dec 22 based on SUP 253-22). Refer to TEMP pages 20-1P20 thru 20-1P22 and latest NOTAMS.

TWY R repair works (based on SUP 14-23). Refer to temp chart 20-8C and latest notams. Eff 27 Mar 23.

Works on TWY A3 (based on SUP 174-22). Refer to TEMP chart 20-8 and latest NOTAMS.

Works on TWY M (based on SUP 203-22). Refer to TEMP chart 20-8B and latest NOTAMS.

Paris, France, (Orly), Based on NTM A0887/23 minimums for ILS or LOC Rwy 02 (11-1) raised as follows: LOC (GS out) DA/MDA(H) 710'(423'), RVR 1500m, CAT AB ALS out RVR 1500m and CAT CD ALS out RVR 1900m.

Construction works on TWYs W1, W35 and W36 (based on SUP 184/22). Please refer to temp chart 10-8A and latest NOTAMS.

Due to construction works on TWYs W1, W35 and W36 (based on SUP 184/22) taxi routing for B748 changed. Please refer to TEMP chart 10-9B4 (limited distribution) and latest NOTAMS.

Perpignan, France, (Rivesaltes), Based on NTM B0549/23 minimums for IAP RNP Rwy 15 (chart 12-1) raised as follows:

LNAV/VNAV:

- CAT A DA(H) 960'(830'), RVR 1500m,
- CAT B DA(H) 1200'(1070'), RVR 1600m,
- CAT C DA(H) 1470'(1340'), RVR 2400m,
- CAT D DA(H) 2080'(1950'), RVR 3600m.

LNAV:

- CAT A DA/MDA(H) 960'(830'), RVR 1500m,
- CAT B DA/MDA(H) 1200'(1070'), RVR 1600m,
- CAT C DA/MDA(H) 1470'(1340'), RVR 5000m,
- CAT D DA/MDA(H) 2080'(1950'), RVR 5000m.

Pori, Finland, Temporary Restrictions and Arrangements - Pori International Airshow. Validity: 13 JUN 22, 0500 UTC thru 21 JUN 22, 1800 UTC. Restrictions and arrangements: TWY T between TWY A and TWY D is reserved for Airshow from 15 JUN 22, 0500 UTC to 20 JUN 22, 0900 UTC excluding scheduled traffic which may use TWY B from 15 to 17 JUN 22 and 20 JUN 22. Runway 17/35 is available as Airshow apron from 15 JUN 22, 0800 UTC to 20 JUN

22, 1000 UTC. When TWR is closed, airport is closed for aviation traffic. Based on SUP 083-22. Refer also to latest NOTAMS.

Prestwick, U.K., (11-3) SHORT ILS DME OR LOC DME RWY 30. Temporarily withdrawn due to obstruction infringement. (Based on SUP 079-22)

Rotterdam, Netherlands, (13-1) VOR Rwy 06 - minima changed as follows: DA/MDA(H) 500'(514'), with ALS CAT C,D R1900m, without ALS CAT C,D R2400m. Based on NOTAM A2972-22.

Satenas, Sweden, (Satenas AB), (10-9) AIRPORT, AIRPORT INFO, TAKE-OFF MNMS, OMNI DEP: ACFT at apron 6 must follow the guiding lines due to surface condition. Based on SUP 152-22.

Savonlinna, Finland, Based on SUP 016-22, the whole aerodrome is temporarily closed to air traffic due to renovation works. RWY 12/30 is not in use for take off or landings.

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

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

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'.

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).

Southampton, U.K., (10-3) Bearing from PEPIS to TABEN and NORRY should read 015° instead of 115°.

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.

Southend, U.K., (10-9/10-9A) TWY Z closed UFN (based on SUP 059-22).

Aerodrome strictly PPR (based on SUP 061-22).

Southend radar services unavailable 2100-2200Z (2000-2100Z) - based on SUP 084-22.

Stockholm, Sweden, (Bromma), D-ATIS U/S due work in progress. (Based on SUP 012-23).

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

Stornoway, U.K., Construction works - coastal protection project (based on SUP 008-22). Please refer to temp chart 10-8 and latest NOTAMS.

Sveg, Sweden, (11-2) ILS Y or LOC Y Rwy 09, (16-1) NDB Rwy 09. Locator OY 368 kHz out of service. (Based on SUP 025-23)

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

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

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

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

NORTHERN EUROPE

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.

Vannes, France, (Meucon), *VANNES A/A (w/o local ATS) 122.6 French only available. Eff 23 Mar 23.

Vardo, Norway, (Svartnes), ATIS 127.425 established. Eff 23 Mar 23.

Villacoublay, France, (Velizy AB), Due to decommissioning of MTD VOR & POY DME the following procedures are unusable:

(10-3T) OB & PT 9A & 9B

(10-3V) PB 9A & 9B

Visby, Sweden, (12-2) RNP Rwy 21, LPV CAT I minimums changed as follows: DA(H) CAT ABCD 387' (250'), ALS out RVR 1300m. Based on NOTAM B0075-23.

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').

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

(10-9) Rwy 09/27 width increased to 121'/37m. Based on AMDT 003-22 AIRAC.

Based on NOTAM L5454/20 following charts withdrawn: (10-1R) RADAR MNM ALTS, (18-1) SRA Rwy 09, (18-2) SRA Rwy 27.