

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

Location/airport name changed from Donauworth to Donauwoerth, Dusseldorf to Duesseldorf, Lubeck to Luebeck, Monchengladbach to Moenchengladbach, Munster/Osnabruck to Muenster/Osnabrueck, Nurnberg to Nuernberg, Saarbrucken to Saarbruecken, Schonefeld to Schoenefeld, Schwabisch Hall to Schwaebisch Hall, Zweibrucken to Zweibruecken.

RUSSIA

ATS ROUTE SYSTEM (HIGH/LOW) revised. For details refer to SUPPL EA (HL)-7A. **E LO-8, E LO-9.**

AUSTRIA

LIDSI NCRP estbld at N4813.4 E01353.8.

E LO-12/6A.

OGRUB (N4754.9 E01355.8) withdrawn.

E LO-12/6A.

PABSA (N4831.7 E01344.3) withdrawn. **E LO-12/6A.**

PEROL NCRP estbld at N4814.6 E01428.8.

E LO-12/6AB.

BELARUS**ATS ROUTES changed:**

T117, Hrodna VORDME (GRD) chgd to CRP. **E LO-10/9D10C.**

Z367, SOGBI (N5412.8 E02511.8) - SURUG, CDR status withdrawn. **E LO-10/10C.**

BULGARIA**ATS ROUTES changed:**

L867, TIMUR (N4341.3 E02414.4) - RILEX, MEA FL130. **E LO-13/5B.**

N127, DILVO (N4218.6 E02356.2) - OTKOK, CDR 1, 2. **E LO-13/5D.**

N133, RESLA (N4319.7 E02318.8) to LOMOS, MEA FL130. **E LO-13/5A.**

N739, RUMEN (N4218.3 E02418.8) to ADORU, CDR 1, 2. **E LO-13/5D.**

P92, Plovdiv VORDME (PDV) - LETNI, MEA FL120; ADUNO - Plovdiv VORDME, CDR 1, 2. **E LO-13/5CD.**

Q26, ETUBA (N4248.9 E02635.8) - UPAMA, MEA FL130. **E LO-13/5B.**

T226, ETUBA (N4248.9 E02635.8) to NAVOD, MEA FL130. **E LO-13/5B.**

Y520, LUKOV (N4317.1 E02348.4) to UTEKA, MEA FL130. **E LO-13/5A.**

Y551, DINEN (N4230.0 E02559.5) - NAVOD, MEA FL130. **E LO-13/5B.**

Y553, DINEN (N4230.0 E02559.5) to SOMOV, MEA FL130. **E LO-13/5B.**

CROATIA

OSIJEK DME (KLS) coords chgd to N4528.0 E01847.5. **E LO-12/7D.**

ROKSA (N4529.7 E01500.4) renamed DARZA. **E LO-12/6D, E LO-13/2A.**

CZECHIA**ATS ROUTES changed:**

L156, Holesov NDB (HLV) to SOPAV realigned; Holesov NDB - OGDAS NCRP at N4942.1 E01758.6, 033°/213°, 29NM, MOCA 4000T; OGDAS - SOPAV, 007°/187°, 14 NM, MOCA 3500T. **E LO-11/3C.**

P31, MAREM (N5042.9 E01337.7) to RUDAP, CDR status withdrawn. **E LO-11/2C.**

P861, Rakovnik NDB (RAK) to RUDAP, CDR status withdrawn. **E LO-11/2C.**

T106, DIKVA (N5012.6 E01325.7) - VESUB, CDR status withdrawn. **E LO-11/2C.**

T108, EKMES (N4958.7 E01329.7) - IPRUX, CDR status withdrawn. **E LO-11/2C.**

T136, DOBEN (N4946.4 E01333.7) - NIRGO, CDR status withdrawn. **E LO-11/2C.**

Z39, DOMAL (N4905.7 E01325.7) to GOSEK realigned; DOLUP NCRP at N4907.2 E01323.7 - IPDUL NCRP at N4925.3 E01349.2 - GOSEK, DOLUP to GOSEK, 039°, 25/16NM, MEA FL80, MOCAs 6000T/3700T; GOSEK - KOMUR, MOCA 3700T. **E LO-11/2CD, EDDM 10-1.**

Z410, ROXUL replaced by IPDUL NCRP estbld at N4925.3 E01349.2; AGNAV - IPDUL - VAKLA, 48/37NM, MOCAs 4500T/3700T. **E LO-11/2CD.**

DENMARK**ATS ROUTES changed:**

M725, OSDEX (N5512.2 E01207.4) renamed BISTA. **EKCH 10-1.**

ESTONIA

VOHMA VOR (VI) decmsnd. **E LO-8/9C, E LO-9/3B.**

FRANCE**ATS ROUTES changed:**

A1, [DJL30] (N4737.2 E00433.4) withdrawn, Dijon Longvic VORDME (DJL) - LUREN, 66NM, MEA FL70. **LFPO 10-1, E LO-4/8B9AC.**

A1, [SPR02] (N4626.4 E00628.5) withdrawn, [TMA32] - St Prex VORDME (SPR), 14NM. **LSSG 10-1, E LO-4/9D.**

A6, [DJL33] (N4745.5 E00442.6) withdrawn, Dijon Longvic VORDME (DJL) - BALMU, 39NM, MEA FL70. **E LO-4/9AC.**

EUROPE

B3, [RLP1B] (N4803.7 E00502.9) withdrawn,
Rolampont VORDME (RLP) - VATRI, 71NM.
E LO-4/8B9A.

B16, RILTI CRP estbld at N4545.5 E00539.6; BELUS
- RILTI - Passeiry VORDME (PAS) chgd to CRP,
6/28 NM; NCRPs estbld, IDELO at N4302.9
E00503.0 and AGAKI at N4248.3 E00501.4,
Martigues VORDME (MTG) - IDELO - AGAKI
- SOSUR, 20/15/15 NM. **LFMN 10-1, LSGG 10-1,
LFLL 10-1, LFML 10-1, E LO-5/5BD, E LO-4/9C.**

B37, [DJL32] (N4741.0 E00437.6) withdrawn, BOLLY
- KASON, 41NM, MEA FL70; IBADA - LUKID, MEA
FL70. **E LO-4/8B9AC.**

B37, [PAS03] (N4612.4 E00558.0) and [PAS02]
withdrawn, KOVAR - Passeiry VORDME (PAS),
16 NM, MEA 8000', MOCA 7900T; Passeiry
VORDME - [PAS1A], 14NM, MEA 10000', MOCA
9900T. **LSGG 10-1, E LO-4/6D9CD.**

G4, [RLP1A] (N4759.1 E00457.7) withdrawn, ERTIP
- Rolampont VORDME (RLP), 37NM; RESPO
CRP estbld at N4750.0 E00536.5, Rolampont
VORDME - RESPO - Luxeuil VOR (LUL),
15/29NM. **E LO-4/9AB.**

G701, Martigues VORDME (MTG) - Marseille
Provence NDB (MJ), chgd to two-way, 061°/241°.
LFMN 10-1, LFML 10-1, E LO-5/5BD6A.

H34, OGLOT NCRP (N4716.5 W00123.0) estbld,
Nantes Atlantique VORDME (NTS) - OGLOT -
[TMA33], 12/21NM. **E LO-4/7BCD.**

J41, [PAS0A] (N4608.4 E00601.6) withdrawn,
Passeiry VORDME (PAS) - ESAPI, 20NM.
LSGG 10-1, LFLL 10-1, E LO-4/6D9CD.

J41, [PAS3A] (N4545.7 E00625.7) renamed [PAS30].
LSGG 10-1, E LO-5/6A.

M731 extended; SALIN CRP (N4317.0 E00443.8) -
DIVKO NCRP, 171°, 14NM, MEA FL60; DIVKO -
TINOT, 131°, 32NM, MEA FL120, SALIN to TINOT,
one-way SE-bound. **LFMN 10-1, LFML 10-1,
E LO-5/5D.**

R11, [RLP1C] (N4752.0 E00449.7) withdrawn,
Rolampont VORDME (RLP) - BALMU, 25NM,
MEA FL70. **E LO-4/9A.**

T47, VANAS (N4527.4 E00644.8) withdrawn.
E LO-5/6A, E LO-4/9D.

Z152 estbld; AGAKI NCRP at N4248.3 E00501.4
- LIPSU NCRP at N4256.6 E00507.1, 027°,
9NM; LIPSU - Marseille Provence NDB (MJ),
008°, 30NM; AGAKI to Marseille Provence NDB,
MEA FL60, one-way NE-bound. **LFMN 10-1,
LFML 10-1, E LO-5/5D.**

Z154 extended; TINOT (N4241.9 E00518.9) - LIPSU
NCRP at N4256.6 E00507.1, 330°/150°, 17 NM;
LIPSU - IDELO NCRP at N4302.9 E00503.0, 334°/
154°, 7NM; IDELO - BULTO CRP, 334°, 15NM,
one-way NW-bound; TINOT to BULTO, MEA FL60.
LFMN 10-1, LFML 10-1, E LO-5/5D.

ANGERS CTR withdrawn. **E LO-4/7B.**

CREIL VORTAC (CRL) chgd to VORDME.
LFPO 10-1, E LO-3/4C.

LILLE LESQUIN VORDME (LEQ) freq/ident chgd to
(LQN) 111.05, until 06 Dec 17. **E LO-3/4C.**

PROHIBITED AREA LF(P)-23 replaced by temporary
prohibited area Paris (until 28 Mar 2018).
LFPO 10-1, E LO-3/4C, E LO-4/8AB.

GERMANY

ATS ROUTES changed:

L23, TIMIB NCRP estbld at N5345.1 E01242.0;
LEGSA - TIMIB - KUBAB, 3/8NM. **E LO-8/6D.**

M736, LEGSA replaced by TIMIB NCRP at N5345.1
E01242.0; BAKDO - TIMIB - INDOK; 200°,
24/52NM. **E LO-8/6D.**

N850, BAGOS (N5434.4 E01116.2) to NIGAD, CDR
status withdrawn. **E LO-8/6D.**

N872, DEMIR (N5450.2 E00951.2) to KUBAT, CDR
1,3. **E LO-8/6B.**

Q280, LEGSA replaced by TIMIB NCRP at N5345.1
E01242.0; GASBO - TIMIB; 151/331°. **E LO-8/6D.**

T155, LOMPU (N5435.5 E01112.2) to Michaelsdorf
VOR (MIC), CDR status withdrawn. **E LO-8/6D.**

T503, GIMRU (N5433.6 E01118.8) - Michaelsdorf
VOR (MIC), CDR status withdrawn. **E LO-8/6D.**

UJ228, BIBTI (N5058.0 E00706.5) - RASAS
realigned; OBOKA NCRP at N5044.7 E00720.3
- OLPEX NCRP at N5053.9 E00659.7, 303°,
16NM, MEA FL170; OLPEX - NEREL NCRP,
303°, 20NM, MEA FL210; OBOKA to NEREL,
one-way NW-bound. **E LO-3/5AC, EDDF 10-1.**

UJ229 estbld; OBOKA NCRP at N5044.7 E00720.3
- MYNDA at N5052.0 E00657.8, 295°, 16NM,
MEA FL170, one-way NW-bound. **E LO-3/5AC,
EDDF 10-1.**

Y100, Maisach VORDME (MAH) to MOMUK, CDR 1.
E LO-4/10B, E LO-12/5B, EDDM 10-1.

Y133 estbld; BIBAG NCRP (N4823.8 E01245.0)
- SELAR NCRP at N4829.3 E01308.6, 067°,
17NM, MEA 5000'; SELAR - BEPAS NCRP, 027°,
29NM, MEA 8000'; BIBAG to BEPAS, one-way
NE-bound, cruising levels NON-standard, EVEN
levels NE-bound. **E LO-12/6A, EDDM 10-1.**

Y701 estbld; SIMBA NCRP (N4813.8 E01300.9)
- SELAR NCRP at N4829.3 E01308.6, 015°,
16NM, MEA 5000', one-way N-bound, cruising
levels NON-standard, EVEN levels N-bound.
E LO-12/6A, EDDM 10-1.

Z2, OSDOV (N4726.4 E01011.0) - XEBIX, MEA
10000'. **E LO-4/10B, EDDM 10-1.**

Z39, LALIN (N8452.8 E01314.5) - DOMAL realigned;
LALIN - DOLUP NCRP at N4907.2 E01323.7,
019°. **E LO-11/2C, EDDM 10-1.**

Z39, NAPRO (N5151.4 E00603.5) to AMOSU, MEA
FL170. **EHAM 10-1.**

GREECE

ATS ROUTES changed:

A14, ATLAN (N3550.9 E02525.6) withdrawn; ALIKI -
XAVIS, 18NM. **E LO-14/9D10C.**

B1, Skopelos VORDME (SKP) to DILOP, MEA FL80.
LGAV 10-1, E LO-14/9BD.

G33, Kea VORDME (KEA) to Alexandroupolis
VORDME (ALX), cruising levels chgd
to NON-standard, EVEN levels N-bound.
LGAV 10-1, E LO-14/10BD.

G80, Sitia VORDME (SIT) to Rodos VORDME
(RDS), cruising levels chgd to NON-standard,
EVEN levels NE-bound. **E LO-14/10CD.**

J61, Kalamata VORDME (KAM) to Didimon
VORDME (DDM), cruising levels chgd to
NON-standard, EVEN levels NE-bound.
LGAV 10-1, E LO-14/9C.

EUROPE

L/UL54, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**

L/UL617, Milos VORDME (MIL) chgd to CRP; ATLAN (N3550.9 E02525.6) withdrawn; ALIKI - XAVIS, 18NM. **E LO-14/9D10C.**

L604, Paleochora VORDME (PLH) - DILMO, chgd to two-way. **E LO-14/9D.**

M603, Kastoria VORDME (KAS) chgd to CRP. **E LO-14/8B9A.**

N/UN133, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**

N/UN137, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**

N/UN139, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**

N1, VAXOR NCRP estbld at N3849.4 E01959.3; OSDES - VAXOR - LATAN, 297°, 52/54NM. **E LO-14/8BD9C.**

N7, ROTSA NCRP estbld at N3852.5 E02039.2; KEROS - ROTSA - NEMES, 25/115NM; NOSTO to ROTSA, 122°; ROTSA - MEMES, 123°. **E LO-14/8BD9C.**

N127, Kavala VORDME (KPL) chgd to CRP. **E LO-13/5D, E LO-14/9B.**

N128, Fiska VORDME (FSK) chgd to CRP. **E LO-13/5C, E LO-14/9A.**

P169, Athens VORDME (ATV) to Chania VORDME (SUD), MEA FL100. **LGAV 10-1, E LO-14/9D.**

V652, Skopelos VORDME (SKP) - PEREN, cruising levels chgd to NON-standard, EVEN levels N-bound. **E LO-14/9B.**

W58, Skopelos VORDME (SKP) to KOROS, MEA FL100. **E LO-14/9B.**

ALEX VORDME (ALX) name chgd to Alexandroupolis. **E LO-14/9B.**

SOUDA VORDME (SUD) name chgd to Chania. **E LO-14/9D.**

IRELAND

ATS ROUTES changed:

L9, Shannon VORDME (SHA) to SLANY, withdrawn. **E LO-2/5CD6C, E LO-3/2A.**

L149, RINUS (N5338.7 W00739.7) - OLAPO, withdrawn; PESIT - BAKUR, withdrawn. **E LO-2/5D6C.**

N12, Cork VORDME (CRK) to LULOX, withdrawn. **E LO-2/5CD, E LO-3/1B.**

N34, EVRIN (N5146.9 W00633.8) to BUNED, withdrawn. **E LO-2/5D6C, E LO-3/2A.**

N160, Shannon VORDME (SHA) to LEDGO, withdrawn. **E LO-2/5CD, E LO-3/1B.**

N517, Shannon VORDME (SHA) to RINUS, withdrawn. **E LO-2/5CD.**

N550, ERNAN (N5416.7 W00723.6) - OLAPO, withdrawn. **E LO-2/5BD.**

P2, Cork VORDME (CRK) to BANBA, withdrawn. **E LO-2/5CD6C, E LO-3/1B2A.**

P620, BEPAN (N5231.6 W00615.8) to BANBA, withdrawn. **E LO-2/5D6C, E LO-3/2A.**

Q52, OLONO (N5243.4 W00646.7) - Clonmel NDB (CML), withdrawn. **E LO-2/5D.**

Q202, SUROX (N5359.8 W00659.6) to DEVOL, withdrawn. **E LO-2/5AB6A.**

V14, Shannon VORDME (SHA) to PELIG, MAA FL95. **E LO-2/5CD.**

W10, Cork VORDME (CRK) to SUTEX, MAA FL95. **E LO-2/5CD.**

W12, Shannon VORDME (SHA) to OSGAR, MAA FL95. **E LO-2/5CD.**

W13, INKUR (N5335.9 E00723.5) to Shannon VORDME (SHA), MAA FL95 **E LO-2/5CD.**

ITALY

ATS ROUTES changed:

L12, AKUTO CRP estbld at N4327.8 E101044.2, GINAR - AKUTO - MAREL, 11/12NM. **E LO-13/1D.**

M730, BEROK (N4409.9 E01021.1) to Florence VORTAC (FRZ), MEA FL120. **E LO-13/1B.**

M730, Genoa VORDME (GEN) to Torino VORDME (TOP) MEA FL100. **LIMC 10-1, E LO-5/6AB, E LO-13/1A.**

M858 Genoa VORDME (GEN) to UNITA MEA FL100. **LIMC 10-1, E LO-5/6B, E LO-13/1A.**

M859 Genoa VORDME (GEN) - LAGEN MEA FL100. **LIMC 10-1, E LO-5/6B, E LO-13/1A.**

M872 estbld; Florence VORTAC (FRZ) to LIKNO, for route details see M730. **E LO-13/1B2A.**

T345, ABULO (N4534.5 E00659.7) - LURAG, MEA FL190, chgd to one-way-SE-bound. **LIMC 10-1.**

Florence VORTAC replaced by LOMED CRP at same position. **E LO-13/1B.**

LI(P)-169, upper limit 1500'. **E LO-13/1CD.**

KOSOVO

PRISTINA CTA, lower limit 3500'. **E LO-13/4CD.**

NETHERLANDS

ATS ROUTES changed:

L74, TULIP (N5222.1 E00351.4) to LARAS, Rotterdam VORDME (RTM) withdrawn, TULIP - LARAS, 45NM. **EHAM 10-1, E LO-3/4B.**

Z310 extended, LILSI NCRP (N5228.4 E00520.9) - OMORU NCRP - SUSET, 201°, 8/14NM, MEA FL110; LILSI to SUSET one-way SW-bound, cruising levels NON-standard, ODD levels SW-bound. **EHAM 10-1, E LO-2/8D, E LO-10/6D, E LO-3/4B.**

NORWAY

ATS ROUTES changed:

M609, ULVAK (N6807.1 E01559.4) withdrawn, Evenes VORDME (EVD) - GEPTU, 50NM. **E LO-7/3B.**

P600, LURAP (N6905.4 E01816.0) - GILEN, chgd to two-way, 196°/016°. **E LO-7/3B4A.**

T399 estbld; ABASU NCRP at N6834.7 E01801.0 - KUNUB NCRP at N6920.3 E02100.5, 046°/226°, 79NM; KUNUB - UBUKI NCRP at N7009.2 E02755.9, 058°/241°, 153NM; UBUKI - Kirkenes VORDME (KIK) NCRP, 108°/291°, 48NM; ABASU to Kirkenes VORDME (KIK), MEA FL120. **ENDU 10-1.**

Z103, NIGEX NCRP estbld at N6423.5 E01200.0, SOMUB - NIGEX - Bronnøy VORDME (BNN), 63/64NM. **E LO-7/2BD3A.**

BETRO NCRP estbld at N6146.9 E00249.9. **E LO-1/3A, E LO-7/1B.**

EVROL NCRP estbld at N6635.7 E01424.2. **E LO-7/3A.**

EUROPE

ROST DME (ROS) decmsnd. **E LO-7/3A**.
 WESTCOAST TMA divided in Flesland TMA and
 Sola TMA. **E LO-1/3BD**.

POLAND

ATS ROUTES changed:

L733, RANOK (N5454.8 E01857.5) to AGODU
 realigned; RANOK - BEZMI NCRP at N5423.2
 E01724.4, 63NM, MAA FL400; BEZMI - AGODU,
 235°/055°, 53NM, MAA FL400; AGODU to BODLA
 chgd to two-way; AGODU - ELTUB, 232°/052°;
 ELTUB - BODLA, 233°/052°. **E LO-8/6D7C**.

M743, KARTI (N5418.0 E01812.5) to GORPI,
 withdrawn. **E LO-8/7CD**.

P31, KUNER (N5515.5 E01826.9) to LUXAL
 realigned; KUNER - BEZMI NCRP at N5423.2
 E01724.4, 210°/029°, 64NM; BEZMI - LUXAL,
 222°/042°, 42NM; KUNER to LUXAL, MAA FL400.
E LO-8/7CD.

Q316 estbld; BODLA CRP (N5316.6 E01424.6) -
 ARKUG NCRP at N5330.4 E01650.3, 076°/257°,
 88NM; ARKUG - OSKUD NCRP, 077°/259°,
 105NM; Suwalki VORDME (SUW) NCRP
 - OSKUD NCRP, 254°, 113NM, one-way
 SW-bound; BODLA to Suwalki VORDME, MEA
 FL100, CDR 1. **E LO-8/6D7C**.

Q800, BILRA (N5446.5 E01420.3) - POKEN,
 withdrawn. **E LO-8/7C**.

T224 estbld; KUNER CRP (N5515.5 E01826.9) -
 BUNOS NCRP at N5459.4 E01810.9 - OGDV
 NCRP, 204°, 19/13NM, one-way SW-bound, MEA
 FL100, upper limit FL660, CDR 1. **E LO-8/7D**.

T673, SONUX (N5420.6 E01725.1) to DEVEL,
 withdrawn. **E LO-8/7C**.

Y41, KARTI (N5418.0 E01812.5) to LARMA chgd to
 one-way NW-bound. **E LO-8/7D**.

Z131, BANUB (N5427.7 E01417.8) - GOSOT,
 withdrawn. **E LO-8/7C**.

Z212, BANUB (N5427.7 E01417.8) - POKEN, with-
 drawn. **E LO-8/7C**.

Z493, BILRA (N5446.5 E01420.3) - XELOL, MEA
 FL110, chgd to one-way SE-bound. **E LO-8/7C**.

PORTUGAL

Nisa VORTAC (NSA) replaced by VORDME (NSA)
 115.5 add same position (ufn). **E LO-6/7B**.

Porto VORDME (PRT) replaced by OTREG CRP at
 same position (until 28 Mar 2018). **E LO-5/to-note**,
E LO-6/7B.

RUSSIA

ATS ROUTES changed:

A131, ERUNA NCRP estbld at N5411.6 E03605.0;
 NELEP - ERUNA - AGNIN, 11/28NM, MEAs FL60/
 FL80; AGNIN - ARLAB, MEA FL60. **E LO-9/5D**.

A716, AGONA (N5524.0 E02033.2) - TURIP, MOCA
 2000T; TURIP to Khrabrovo VORDME (KRD),
 MOCA 2400T; Khrabrovo VORDME to GITOV,
 MOCA 2600T. **E LO-10/9AC**.

A926, NIFAL NCRP estbld at N5449.6 E02112.9;
 Khrabrovo VORDME (KRD) - NIFAL - BENAL,
 22/15NM. **E LO-10/9AB**.

B231, ERUNA NCRP estbld at N5411.6 E03605.0;
 Maloye Skuratovo NDB (GD) - ERUNA - GULMA,
 51/5NM. **E LO-9/5D**.

FK4T estbld; Gagarin NDB (FK) CRP - DINEL
 NCRP - LUKOS CRP at N5536.0 E03716.3, 078°,
 50/27NM; LUKOS - Klimovsk NDB (LO) CRP,
 140°, 17NM; Klimovsk NDB - Glotayev NDB
 (DK) NCRP, 130°, 14NM; Glotayev NDB - Venev
 NDB (FV) CRP, 153°, 51NM; Gagarin NDB to
 Venev NDB, MEA FL120, one-way SE-bound.

E LO-9/5D.

G915, PEPUS (N5409.0 E03531.2) to AGNIN, MEA
 FL60. **E LO-9/5D**.

R22, Yukhnov NDB (UK) - SUNAB, MEA FL60.
E LO-9/5D.

GRID MORA (N59 - N60/E030 - E031) should read
 2600°. **E LO-9/4AB**.

UL(P)-29 estbld; circle with radius 0,4NM centered at
 N6902.9 E03304.5, GND-3300'AGL. **E LO-7/5C**.

SPAIN

ATS ROUTES changed:

B31, Sabadell VORDME (SLL) - MAMUK chgd to
 two-way, 355°/175°. **E LO-6/9B, LEBL 10-1**.

CUATRO VIENTOS NDB (CVT) freq chgd to 417.
LEMD 10-1.

SWEDEN

ATS ROUTES changed:

N851, Nortel VORDME (NTL) replaced by TOVRI
 NCRP at same position. **ESSA 10-1, E LO-8/8B**,
E LO-9/2B.

T320, BEGDO NCRP estbld at N6554.2 E02042.9,
 Lulea VORDME (SLU) - BEGDO - UPEVA,
 41/87NM. **E LO-7/3BD**.

NORTELE VORDME (NTL) decmsnd. **ESSA 10-1**,
E LO-8/8B, E LO-9/2B.

SWITZERLAND

ATS ROUTES changed:

A1, [SPR14] (N4637.4 E00611.5) withdrawn, St Prex
 VORDME (SPR) - DINOX, 18NM. **LSGG 10-1**,
E LO-4/9D.

TUNISIA

ATS ROUTES changed:

G/UG727, Cap Bon VOR (CBN) to Monastir
 VORDME (MON) chgd to one-way S-bound.
E LO-14/7C.

M/UM738, TUNEX (N3735.6 E01117.7) to Monastir
 VORDME (MON) chgd to one-way S-bound.
E LO-14/7C.

TURKEY

ATS ROUTES changed:

T/UT44 extended; MARMA NCRP (N4031.6
 E02738.9) - ALEDA CRP at N3951.7 E02750.4
 - MINSU CRP at N3905.1 E02803.4, 163°,
 41/48NM, MEAs FL130/FL180; MINSU - KULAR,
 133°, 41NM, MEA FL240; MARMA to KULAR,
 one-way SE-bound. **E LO-14/10A**.

EUROPE

U.K.

ATS ROUTES changed:

- L10, LAMVI (N5347.0 W00404.0), TUVDO and RIGVA withdrawn, CASEL - PENIL - Wallasey VORDME (WAL), 23/23NM, MEA FL80; Dover VORDME (DVR) - RINTI, CDR status withdrawn. **EGCC 10-1, E LO-2/5D, E LO-3/3B4A.**
- L15, VAKPO NCRP estbltd at N5411.4 W00522.7; PEPOD - VAKPO - MAKUX, 8/22NM; EPOXI NCRP estbltd at N5320.0 W00327.3; MALUD - EPOXI - AMPIT, 7/13NM. **EGCC 10-1, E LO-2/6ACD.**
- L28, NCRPs estbltd; LELDO at N5343.0 W00405.1, DANDI at N5341.1 W00357.0 and AGLIL at N5334.7 W00327.2; SOSIM - LELDO, 16NM; LELDO - DANDI - PENIL, 114°/294°, 5/11NM; PENIL - AGLIL, 108°/288°, 8NM; AGLIL - ASNIP, 108°/289°, 20NM. **EGCC 10-1, E LO-2/6D.**
- L74 redesignated L7, GOLVO (N5424.7 E00335.1) - VENAS, chgd to two-way, 159°/339°. **E LO-2/8C.**
- L975, OSLOR (N5325.1 W00343.1) and EMLIP withdrawn; ROLEX - MALUD - Wallasey VORDME (WAL), 13/17NM, MEA FL90. **EGCC 10-1, E LO-2/6D.**
- L980, Lambourne VORDME (LAM) - Ockham VORDME (OCK), redesignated Q3; Ockham VORDME - Midhurst VORDME (MID) withdrawn. **EGLL 10-1, E LO-3/3AB.**
- L982 estbltd; ORIST NCRP (N5000.0 W00150.7) - ERGUM NCRP at N5007.4 W00144.8, 028°, 8NM, MEA FL200, one-way NE-bound, cruising levels NON-standard, EVEN levels E-bound; ERGUM - ROXOG NCRP at N5016.0 W00133.7 - VASUX NCRP at N5030.2 W00115.3 - DISVO NCRP at N5039.5 W00103.0, 040°, 11/19/12NM; DISVO - TELTU NCRP at N5048.7 W00045.3, 051°, 15NM; ERGUM to TELTU, MEA FL110, one-way NE-bound; ORIST to TELTU, CDR 1, 3. **EGLL 10-1, E LO-3/3AC.**
- M17, GIBSO (N5045.0 W00231.1) to KUMIL withdrawn. **E LO-3/3AC.**
- M17, LEMGU NCRP estbltd at N5224.4 W00522.6, PEMOB - LEMGU - VATRY, 18/10NM. **E LO-2/6C.**
- M144 estbltd; PENIL (N5337.0 W00339.8) to BAGSO; for route details see L70. **E LO-2/6CD.**
- M145 estbltd; LELDO NCRP at N5343.0 W00405.1 - LANVA NCRP at N5343.8 W00426.6, 276°, 13NM, MEA FL120; LANVA - SITKU NCRP at N5344.6 W00449.9, 275°, 14NM, MEA FL160; SITKU - RIMVU NCRP at N5345.2 W00508.4, 275°, 11NM, MEA FL120; RIMVU - BAGSO NCRP, 254°, 14NM, MEA FL80. **E LO-2/6CD.**
- M146 estbltd; Wallasey VORDME (WAL) NCRP - AGLIL NCRP at N5334.7 W00327.2, 316°, 16NM; AGLIL - DIGMA NCRP at N5339.0 W00337.4 - ERDUV NCRP at N5352.6 W00410.1 - LUSOD NCRP at N5356.4 W00419.4 - PEPEG NCRP at N5401.1 W00431.1, 307°, 7/24/7/8NM; PEPEG - ROBOP NCRP at N5427.2 W00520.1, 315°, 39NM; ROBOP - IPSET NCRP at N5431.1 W00527.2, 316°, 6NM; Wallasey VORDME to IPSET, MEA FL80, one-way NW-bound. **EGCC 10-1, E LO-2/6ABD.**
- M147 estbltd; UVPOK NCRP at N5359.7 W00412.6 - NOPKI NCRP at N5405.3 W00426.1, 307°, 10NM, MEA FL200; NOPKI - MATUT NCRP at N5410.3 W00438.4 - ROBOP NCRP at N5427.2 W00520.1, 307°, 9/30NM, MEA FL140; ROBOP - MAGEE NCRP at N5447.5 W00536.5, 338°, 23NM, MEA FL80; UVPOK to MAGEE, one-way NW-bound. **E LO-2/6ABD.**
- M148 estbltd; NINEB NCRP at N5403.7 W00407.7 - MASOP NCRP at N5409.4 W00421.3, 307°, 10NM; MASOP - IDGAS NCRP at N5414.4 W00433.5 - IBTES NCRP at N5426.4 W00503.3, 307°, 9/21NM, MEA FL140; IBTES - LIMKA NCRP at N5430.4 W00513.2, 307°, 7NM, MEA FL80; LIMKA - MAGEE NCRP at N5447.5 W00536.5, 324°, 22NM, MEA FL80; NINEB to MAGEE, one-way NW-bound. **E LO-2/6ABD.**
- M184, SUSIX replaced by NELKO NCRP at N5042.2 W00057.3, PILIP - NELKO - AVANT, 22/7NM; route extended; AVANT - HEMEL NCRP, 018°, 62NM, MEA FL180, one-way NE-bound, NON-standard cruising levels, EVEN levels NE-bound. **EGLL 10-1, E LO-3/3ABC.**
- M185, ORTAC (N5000.0 W00200.3) to Midhurst VORDME (MID) realigned; LUGIS NCRP at N5000.0 W00052.3 - ADLOG NCRP at N5019.4 W00049.6, 005°, 20NM, MEA FL200; ADLOG - DESNA NCRP at N5037.0 W00047.0, 006°, 18NM, MEA FL200; DESNA - TELTU NCRP, 006°, 12NM, MEA FL180; TELTU - Midhurst VORDME (MID), 019°/199°, 15NM, MEA FL90; LUGIS to Midhurst VORDME; one-way N-bound; LUGIS to TELTU, cruising levels NON-standard, EVEN levels N-bound, LUGIS to DESNA, CDR 1, 3. **EGLL 10-1, E LO-3/3ABC.**
- M195 estbltd; Southampton VORDME (SAM) NCRP - IBNID NCRP at N5031.7 W00147.1, 214°, 31NM, MEA FL130; IBNID - MARUK NCRP, 214°, 20NM, MEA FL210; Southampton VORDME to MARUK, one-way SW-bound, cruising levels NON-standard, ODD levels SW-bound. **E LO-3/3AC.**
- N6 estbltd; PILIP NCRP (N5020.1 W00100.4) - TELTU NCRP at N5048.7 W00045.3, 019°, 30NM, MEA FL200, one-way NE-bound, cruising levels NON-standard, EVEN levels NE-bound, CDR 1, 3. **EGLL 10-1, E LO-3/3C.**
- N17 estbltd; DAWLY NCRP (N5034.5 W00327.8) - ELRIP NCRP at N5037.8 W00259.4 - OTMET NCRP at N5040.9 W00230.9, 081°, 18/18NM, MEA FL210; OTMET - SOKDU NCRP at N5039.7 W00201.6, 095°, 19NM, MEA FL210; SOKDU - NEDUL NCRP, 090°, 18NM, MEA FL190; NEDUL - TELTU NCRP, 074°, 31NM, MEA FL190; DAWLY to TELTU, one-way E-bound. **EGLL 10-1, E LO-3/2B3AC.**
- N19 estbltd; Southampton VORDME (SAM) NCRP - NULGU NCRP at N5052.3 W00159.7, 259°, 25NM, MEA FL100; NULGU - BEKDA NCRP at N5047.8 W00232.8, 259°, 22NM, MEA FL200; Southampton VORDME to BEKDA, one-way W-bound. **E LO-3/2B3A.**

EUROPE

- N63 estbld; Southampton VORDME (SAM) NCRP - OLGUD NCRP at N5043.9 W00131.4, 207°, 15NM, MEA FL130; OLGUD - LELNA NCRP, 207°, 50NM, MEA FL210; Southampton VORDME to LELNA, one-way SW-bound, cruising levels NON-standard, ODD levels SW-bound, CDR 1, 3. **E LO-3/3AC.**
- N514, GIBSO (N5045.0 W00231.1) to POMPI realigned; GASGU NCRP - EVTES NCRP at N5104.9 W00113.0 - EXARO NCRP at N5100.1 W00122.8, 233°, 12/8NM; EXARO - OSNUG NCRP, 256°, 25NM; GASGU to OSNUG, MEA FL100; OSNUG - BEKDA NCRP at N5047.8 W00232.8, 255°, 21NM, MEA FL200; GASGU to BEKDA, one-way W-bound. **EGLL 10-1, E LO-3/2B3A.**
- N621, EVTES NCRP estbld at N5104.9 W00113.0; GOGSI - EVTES - Southampton VORDME (SAM), 15/9NM; BEVEL withdrawn, KAPEX - MARUK, 27NM, MEA FL210. **EGLL 10-1, E LO-3/3AC.**
- N862, KOXOD NCRP estbld at N5042.5 W00320.0; LAMAT - KOXOD - Berry Head VORDME (BHD), 38/20NM. **E LO-3/2BD.**
- N866, GASGU (N5112.4 W00057.6) - Southampton VORDME (SAM), MEA FL90, cruising levels NON-standard, ODD levels S-bound. **E LO-3/3A.**
- N867, GARM (N5000.0 W00122.8) to Southampton VORDME (SAM) realigned; GARM - VASUX NCRP at N5030.2 W00115.3, 009°, 31NM; VASUX - AVANT NCRP, 033°, 23NM. **EGLL 10-1, E LO-3/3AC.**
- P6, UDEGO (N5358.7 W00402.8) to NELBO withdrawn; IPSET NCRP estbld at N5431.1 W00527.2; NELBO - IPSET - Belfast VORDME (BEL), 6/29NM. **E LO-2/6ABD.**
- P83 estbld; BOLRO NCRP (N5000.0 W00141.5) - KATHY NCRP, 024°, 34NM, MEA FL200, one-way NE-bound, cruising levels NON-standard, EVEN levels NE-bound, CDR 1, 3; KATHY to Southampton VORDME (SAM), for route details see former N867. **EGLL 10-1, E LO-3/3AC.**
- P87, DOMUT replaced by ROXOG NCRP at N5016.0 W00133.7; BOLRO - ROXOG, 018°. **E LO-3/3C.**
- P88 estbld; ODREP NCRP at N5000.0 W00130.1 - GOKTU NCRP at N5015.1 W00122.8 - VASUX NCRP at N5030.2 W00115.3, ODREP to VASUX, 018°, 16/16NM, MEA FL200, one-way N-bound, cruising levels NON-standard, EVEN levels N-bound, CDR 1, 3. **E LO-3/3C.**
- Q4, IBRAR replaced by NOMSU NCRP at N5328.1 W00326.1, GIGTO - NOMSU - Wallasey VORDME (WAL), 26/12NM; Wallasey VORDME - VABKA, chgd to two-way, 112°/292; LISTO NCRP estbld at N5308.6 W00212.0, VEBKA - LISTO, 117°/298°, 22NM; Wallasey VORDME to LISTO, MEA FL80 W-bound, MEA FL210 E-bound; LISTO - Trent VORDME (TNT), 287°, 20NM. **EGCC 10-1, E LO-2/6D7C.**
- Q36 estbld; LIFFY NCRP (N5328.8 W00530.0) - RULAV NCRP at N5326.2 W00510.0, 104°, 12NM, MEA FL50; RULAV - ABGEP NCRP at N5325.7 W00451.7, 095°, 11NM, MEA FL130; ABGEP - ALAVA NCRP at N5323.7 W00358.3, 095°, 32NM, MEA FL150; ALAVA - NOSLO NCRP at N5322.9 W00338.7, 096°, 12NM, MEA FL90; NOSLO - EPOXI NCRP at N5320.0 W00327.3, 115°, 7NM, MEA FL90; EPOXI - NUGRA NCRP, 115°, 45NM, MEA FL150; LIFFY to NUGRA, one-way E-bound. **EGCC 10-1, E LO-2/6CD7C.**
- Q37 estbld; LIFFY NCRP (N5328.8 W00530.0) - BAKOX NCRP at N5331.7 W00509.6, 079°, 13NM, MEA FL50; BAKOX - BAVUD NCRP at N5331.1 W00451.2, 095°, 11NM, MEA FL130; BAVUD - DONAX NCRP at N5329.2 W00357.7, 095°, 32NM, MEA FL150; DONAX - MALUD NCRP, 111°, 13NM, MEA FL90; LIFFY to MALUD, one-way E-bound. **E LO-2/6CD.**
- Q38 estbld; PEPOD NCRP (N5416.3 W00534.2) - VAKPO NCRP at N5411.4 W00522.7, 128°, 8NM, MEA FL90; VAKPO - MAKUX NCRP, 128°, 22NM; MAKUX - SOSIM NCRP - GIGTO NCRP - MALUD NCRP, 129°, 16/18/22NM; MALUD - VOLFI NCRP at N5320.6 W00321.9 - NUGRA NCRP, 117°, 10/43NM; VAKPO to NUGRA, MEA FL150; PEPOD to NUGRA, one-way SE-bound. **EGCC 10-1, E LO-2/6ACD7C.**
- Q39 estbld; RINGA NCRP (N5423.9 W00534.3) - BABGU NCRP at N5416.7 W00516.4, 127°, 13NM; BABGU - ETIGA NCRP at N5405.7 W00447.5 - TIMIS NCRP at N5357.0 W00435.9, 132°, 22/9NM; TIMIS - INKOB NCRP at N5352.3 W00424.2 - DANDI NCRP at N5341.1 W00357.0 - NOMSU NCRP at N5328.1 W00326.1; - INKOB - NOMSU, 127°, 8/20/23NM; RINGA to NOMSU, MEA FL90, one-way SE-bound. **E LO-2/6ABD.**
- Q41, Westcott NDB (WCO) - COWLY realigned; SILVA NCRP - COWLY, 190°/010°; NORRY to Southampton VORDME (SAM), MEA FL90; Southampton VORDME to ORTAC, MAA FL120. **EGCC 10-1, EGLL 10-1, E LO-3/3A.**
- Q63, TIBGA NCRP estbld at N5223.4 W00527.1, LANPI - TIBGA - VATRY, 12/10NM. **E LO-2/6C.**
- Y110, ORIST (N5000.0 W00150.7) to ASPEN, CDR 1, 3. **E LO-3/3C.**
- Y113 estbld; ORTAC NCRP (N5000.0 W00200.3) - ERGUM NCRP at N5007.4 W00144.8, 054°, 13NM, MEA FL110, one-way NE-bound. **E LO-3/3C.**
- Y124, PETUK (N5314.6 W00421.2) withdrawn, LUTIP - BAGIT, 27NM; route extended; MOGTA - LISTO NCRP, 097°, 16NM, MEA FL210, CDR 1, 2. **EGCC 10-1, E LO-2/6CD7C.**
- Y321 extended; PEPIS (N5111.8 W00114.6) - EXARO NCRP at N5100.1 W00122.8, 204°, 13NM, MEA FL200, one-way SW-bound. **EGLL 10-1, E LO-3/3A.**
- Z171 estbld; Southampton VORDME (SAM) to ORTAC, MEA FL130, MAA FL230; for other route details see Q41. **E LO-3/3AC.**
- Z195 estbld; ALAVA NCRP at N5323.7 W00358.3 - MALUD NCRP, 087°, 13NM, MEA FL90, one-way E-bound. **E LO-2/6D.**

EUROPE

Z196 estbld; GUNTU NCRP (N5335.6 W00309.9)
 - DIGMA NCRP at N5339.0 W00337.4, 283°, 17NM; DIGMA - LELDO NCRP at N5343.0 W00405.1, 286°, 17NM; GUNTU to LELDO, MEA FL120, one-way W-bound. **EGCC 10-1, E LO-2/6D.**

Z197 estbld; NOSLO NCRP at N5322.9 W00338.7 - VOLFI NCRP at N5320.6 W00321.9, 104°, 10NM; VOLFI - EKLAB NCRP - LISTO NCRP, 107°, 20/24NM; NOSLO to LISTO, MEA FL90, one-way E-bound. **EGCC 10-1, E LO-2/6D7C.**

Z198 estbld; ERDUV NCRP at N5352.6 W00410.1 - MASOP NCRP at N5409.4 W00421.3, 341°, 18NM, MEA FL200, one-way NW-bound. **E LO-2/6D.**

Benbecula DME (BEN) chgd to VORDME. **E LO-1/2C.**

Cotswold CTA lower limit 5500'. **EGCC 10-1.**

HOLYHEAD CTA estbld; N5403.9 W00519.6 - N5402.0 W00505.7 - N5404.1 W00500.7 - N5359.9 W00450.7 - N5408.1 W00440.9 - N5416.5 W00431.0 - N5411.4 W00418.8 - N5403.1 W00428.6 - N5354.0 W00406.1 - N5351.1W00359.2 - N5341.8 W00336.9 - N5339.3 W00239.0 - N5336.5 W00301.6 - N5332.4 W00301.0 - N5332.2 W00314.1 - N5327.6 W00303.2 - N5323.6 W00311.2 - N5323.8 W00316.4 - N5318.9 W00316.8 - N5308.2 W00317.6 - N5320.0 W00339.9 - N5320.1 W00343.7 - N5320.7 W00358.6 - N5321.6 W00420.5 - N5322.4 W00443.6 - N5310.4 W00444.7 - N5310.7 W00453.0 - N5311.3 W00511.2 - N5311.8 W00530.0 - N5315.0 W00530.0 - N5335.8 W00530.0 - N5348.8 W00530.0 - N5352.1 W00530.0 - N5400.1 W00510.5 - N5403.9 W00519.6, 3500'-FL195. **EGCC 10-1, E LO-2/6BCD.**

IRISH SEA CTA estbld; N5403.9 W00519.6 - N5402.0 W00505.7 - N5404.1 W00500.7 - N5359.9 W00450.7 - N5416.5 W00431.0 - N5402.8 W00357.9 - N5355.9 W00406.1 - N5355.4 W00406.8 - N5354.0 W00406.1 - N5341.8 W00336.9 - N5339.3 W00239.0 - N5336.5 W00301.6 - N5332.4 W00301.0 - N5332.2 W00314.1 - N5327.6 W00303.2 - N5323.6 W00311.2 - N5323.8 W00316.4 - N5308.2 W00317.6 - N5306.9 W00317.7 - N5310.7 W00453.0 - N5311.8 W00530.0 - N5315.0 W00530.0 - N5348.8 W00530.0 - N5352.1 W00530.0 - N5400.1 W00510.5 - N5403.9 W00519.6, FL195-FL255. **EGCC 10-1, E LO-2/6BCD.**

WEST CTA estbld; N5157.7 W00322.8 - N5157.3 W00306.7 - N5156.7 W00247.3 - N5153.9 W00230.3 - N5147.1 W00205.2 - N5143.2 W00151.0 - N5139.7 W00126.8 - N5139.2 W00126.5 - N5136.7 W00130.2 - N5136.1 W00125.8 - N5126.3 W00128.8 - N5126.4 W00129.6 - N5118.6 W00128.2 - N5117.4 W00128.7 - N5119.6 W00143.3 - N5123.5 W00234.2 - N5126.1 W00310.8 - N5110.2 W00313.7 - N5111.3 W00329.5 - N5139.8 W00324.5 - N5143.9 W00323.8 - N5149.9 W00323.4 - N5153.7 W00323.1 - N5157.7 W00322.8, FL195-FL245. **EGCC 10-1.**

UKRAINE

ATS ROUTES changed:

M977, DIBED (N4953.3 E02303.5) - SVITA, CDR 1,2. **E LO-11/4D.**

KALYNIV MCTR upper limit 5000'. **E LO-11/4D.**

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 only. A Low Visibility Procedure (LVP) may or may not be established at the departure airport. Pilots are reminded to check the availability of LVP with ATC before using the charted minimums. Otherwise, according to SPA.LVO.115, the take-off is restricted to a minimum visibility of 800m.

Location/airport name changed from Donauwoerth to Donauwoerth, Dusseldorf to Duesseldorf, Lubeck to Luebeck, Monchengladbach to Moenchengladbach, Munster/Osnabrueck to Muenster/Osnabrueck, Nurnberg to Nuernberg, Schonefeld to Schoenefeld, Schwabisch Hall to Schwaebisch Hall, Zweibrucken to Zweibruecken.

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

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

EUROPE

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

A Coruna, Spain, Improvement works of apron (based on SUP 104-17). Refer to temp charts 10-8 and 10-8A and latest NOTAMs.

Alicante, Spain, (Alicante-Elche), Construction works on apron, closure of parking stands (based on SUP 084-17). Refer to temp chart 10-8 and 10-8A and latest NOTAMs.

Amendola, Italy, (Amendola Mil), (14-5/14-6) CIRCLING TACAN/CIRCLING HI-TACAN 1: Amendola Precision (PAR) 123.3 withdrawn.

Asturias, Spain, Works on airport (based on SUP 30-17). Refer to temp charts 10-8/10-8A and latest NOTAMs.

Works on ILS DME rwy 29 (per SUP 26/17). If Phase 2 is in force following procedures are unavailable: (11-1/11-1A) ILS Z or LOC Z Rwy 29 / CAT II/III ILS Z Rwy 29, (11-2/11-2A) ILS Y or LOC Y Rwy 29 / CAT II/III ILS Y Rwy 29.

Barcelona, Spain, (El Prat), Construction works on Ramp 15 (based on AIRAC SUP 79-17). Refer to temp charts 10-8 thru 10-8C and latest NOTAMs.

Basle-Mulhouse, France, Construction works for new apron on TWY A between RWY 08/26 and apron (based on SUP 206-17). Refer to temp chart 10-8 and latest NOTAMs.

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

Birmingham, U.K., (10-9) WIP will require full closure of RWY 15/33. Closures will take place overnight beginning Monday night and ending on Saturday morning each week. For detailed closure dates and times refer to SUP 024-17 and latest notams.

Bordeaux, France, (Merignac), Compliance works on turn-around area of RWY 05 (based on SUP 204-14). Refer to temp chart 10-8 and latest NOTAMs.

Boscombe Down, U.K., Initial contact frequency established. Callsign Boscombe Approach, frequency 126.7, HO.

Brindisi, Italy, (Casale Mil), WIP on apron. Refer to 10-8 yellow page and latest Notams.

Brize Norton, U.K., (Brize Norton AB), ILS Rwy 07 not suitable for auto-coupled approaches to CAT 1 DH.

Bronnoysund, Norway, (Bronnoy), Rwy 22 PLASI-L restriction 'not to be used outside D6.0 BNN' is cancelled.

Brussels, Belgium, (Brussels National), Rwy 25R PAPI-L changed to PAPI-R.

Twy W22 MAX wingspan 118' (36m).

Burgos, Spain, CAUTION: Electric towers of 100' AGL located 0.75 NM North of THR 22.

Caen, France, (Carpique), Twy B2 closed.

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

Celle, Germany, (Celle Army), (10-3, 10-3B, 10-3C) Add IATA code: ZCN.

Coburg, Germany, (Brandensteinsebene), Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.

Cologne-Bonn, Germany, Construction work will be conducted in Zone B of the eastern strip of Rwy 14L/32R extending to the airport boundary. No CAT II/III precision approaches will be possible on Rwy 14L/32R. The exact dated of the beginning and end of the construction work will be published via NOTAM.

Due to construction work RWY 06-24 between TWY A and thresh 06, RWY 14R-32L from thresh 32 L up to and including intersection with RWY 06-24, TWY C between thresh 06 and thresh 32L, TWY B between thresh 06 and beginning of MIL Apron 2 and Aprons X, Y and Z will be closed. Refer also to latest NOTAMs.

For construction works and related changes of aircraft stand markings on Apron D refer to temporary chart 10-8 and latest NOTAMs.

Copenhagen, Denmark, (Kastrup), (10-3C to 3E, 3G, 3J to 3L, 3N, 3Q, 3S, 3T, 3V, 3V2 to 3V4, 3V6 to 3V8, 3W, 3X to 3X8) RNAV SIDs, initial turn restriction should read 'At or above' instead of 'At'.

Cork, Ireland, (11-2, 13-4) OB NDB withdrawn.

Dublin, Ireland, (Dublin Intl), (10-9) Construction (based on SUP 014-16) of a new engine test site adjacent to Twy H2. Twys B3 and H2 may be withdrawn from service from time to time during works.

(10-9B) Construction works (based on SUP 12-16) between pier 3 and 4. During phase A a temporary stand 401T (N53 25.5 W 006 14.6) will be installed. To be used as push in and tow out. A temporary TugRelease Point, TRP X, will be installed on AT5, between stands 402L and 401R.

Construction works on apron TWY 5 (based on SUP 012-17). Eff 12 Oct 2017. Refer to temp charts 10-8B and 10-8C and latest NOTAMs.

Construction works on Rwy 10/28 and Rwy 16/34 (based on SUP 014-17). Refer to temp chart 10-8/10-8A and latest NOTAMs.

Construction works take place from 0800-1900 and 2330-0530 LT on rwy 10/28. Refer to latest Notams.

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

Dubrovnik, Croatia, (Cilipi), Based on SUP 019/17 following approach procedures are temporary suspended: (11-1) ILS or LOC Rwy 12, (13-2) VOR A Rwy 30, (19-10) Circling RWY 30. Refer also to latest NOTAMs.

EUROPE

- Dusseldorf**, Germany, For construction work on apron West see 10-8 temporary chart and latest NOTAMS.
- Eggenfelden**, Germany, Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.
- Elfesis**, Greece, (10-9) Rwy 36 PAPI-L angle changed to 3.0°.
- Exeter**, U.K., Due to runway rehabilitation works rwy will be closed during night time every weekend. For the duration of the works code C acft and higher are not permitted to carry out 180 degree turn on any part of the runway, except on designated turning areas/loops located at each end on the operational runway. Applicable acft must proceed to the runway ends for 180 degree turns, no acft will be permitted to turn on the runway surface. Refer to latest NOTAMS.
- Faro**, Portugal, RWY surfacing works will take place in two phases (based on SUP 001-2017). During Phase 2 following changes apply: CL will not be available and RWY 28 will be downgraded from CAT II to CAT I, REIL will be available for RWY 10 and RWY 28. Refer also to latest NOTAMS.
- Figari/Sud Corse**, France, (SIDs) In case of FGI VORDME unavailability, temporary SIDs AJO 3T & BTA 3T established. Refer to temp charts 10-3A1 & 10-1S3 and latest NOTAMS.
- Floro**, Norway, FLORO Information freq 121.850 withdrawn.
- Frankfurt/Main**, Germany, Construction area established Northwest of threshold 18, North of twy P1, Left side of parking stand F238.
To increase safety when crossing RWY 07C-25C a RWY incursion alerting system (RIAS) will be installed to supplement existing CAT II-III holding with a stop bar on TWY M8. RIAS is activated when an aircraft even slightly crosses the active stop bar. This sends an alert to the pilot. Four very bright flashing red surface lights at CAT I holding as well as two elevated lights each on both shoulders of TWY M8 between CAT I and CAT II-III holding are activated and tower controllers are alerted.
- Geneva**, Switzerland, Construction works on Apron. Refer to temporary 10-08 and latest Notams.
- Gibraltar**, Gibraltar, Callsign for Gibraltar Approach changed to Gibraltar Radar.
- Giebelstadt**, Germany, Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.
- Girona**, Spain, Works on Apron area (based on AIRAC SUP 31-17). Refer to temporary charts 10-8 thru 10-8C and latest NOTAMS.
- Works on TWYs** (based on SUP 115/17). Refer to temporary chart 10-8D and latest NOTAMS. Eff 07 Dec 17.
- Gloucestershire**, U.K., (10-9) Rwy 04/22 width changed to 75/23m.
- 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.
- Hamburg**, Germany, (Finkenwerder), (28-1) SRA 23 CAT D minimums raised to MDA(H) 740' (725'), 3100m, ALS out 3800m.
For construction works information refer to 10-8/10-8A and latest NOTAMS (based on SUP 021-17).
- Hammerfest**, Norway, Rwy 05/23 is grooved.
- Hannover**, Germany, Stand 28 push-back required.
- Hassfurt**, Germany, (Schweinfurt), Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.
- Huesca**, Spain, (Pirineos), REIL RWY 12R unserviceable (based on SUP 51-17).
REIL RWY 30L unserviceable (based on SUP 57-17).
- Ibiza**, Spain, Works in the manoeuvring area (based on SUP 105-17). Use CAUTION due to incomplete lighting and due to the presence of personnel and machinery. The works have the following impact: PHASE 1 - Closure of TWY G, PHASE 3 - Closure of TWY F, PHASE 5 - Closure of TWY D. PHASES 2, 4 and 6 take place outside of operational hours.
Works on apron (based on SUP 90/17). PHASE 1: Gate A closed. PHASE 2: Central TWY of the General Aviation apron in he east are closed. PHASE 3: Central TWY of the General Aviation apron in the central area closed. PHASE 4: General Aviation apron 3 closed.
Works on General Aviation apron (based on SUP 89/17). PHASE 1: General Aviation aprons 1 and 2 closed. PHASE 2: General Aviation apron 3 closed. PHASE 3: Gate A closed. PHASE 4: TWY C between Gate A and TWY G closed. PHASE 5: Works in the strip of TWY C between Gate A and TWY G. PHASE 6: Reduction of the code letter for ACFT which may use TWY C changing from 4E to 4D.
- Ireland West**, Ireland, (Knock), (11-2) ILS B RWY 26: Middle marker 75 kHz out of service.
- Istres**, France, (Le Tube AB), Works on Airport Area - phase 3 (based on SUP 163/17). Refer to temp charts 10-8D/10-8E and latest NOTAMS.
- Karpathos**, Greece, (10-9) Rwy 12 PAPI-L angle changed to 3.1 degrees.
- Kassel**, Germany, (Calden), (10-9) Rwy 09 and 27 SFL available.
- Kerry**, Ireland, Construction work of hangar, acft parking fillets and taxilane markings (based on SUP 005-17). Refer to temp chart 10-8 and latest NOTAMS.
- Kirkenes**, Norway, (Hoybuktknoen), (12-1) RNAV (GNSS) Rwy 06 and (12-2/12-2A) RNAV (GNSS) Rwy 24: LPV minimums suspended.
- Klagenfurt**, Austria, RWY 10L and 28R PAPI on LEFT side of RWY only.
- Kleine-Brogel**, Belgium, (Kleine-Brogel AB), (10-9) Papi angle for rwy 05L changed to 2.50°.
- Laupheim**, Germany, (Laupheim Army), (18-1, 18-2) EFF 23 Aug 2012 LIMA Radar frequency chgd from 119.1 MHz to 120.45 MHz.
- Lecce**, Italy, (Lecce Mil), PAPI only on LEFT side of rwy 14 and rwy 32.
- Leipzig-Altendorf**, Germany, Lower limit of controlled airspace lowered to 1000' AGL.
- Lelystad**, Netherlands, Between 20 APR 2017 and 31 DEC 2017 the following applies:
IFR and VFR night operations are not allowed.

EUROPE

Instrument arrival and departure procedures not avbl.

Approach and runway lights not avbl.

AFIS not avbl. Lelystad Radio provides aerodrome information only. Two-way radio contact mandatory.

NDB LLS not avbl.

Leon, Spain, ABN out of service; RWY 06/24 natural ground compact closed; Helicopter landing area closed (based on SUP 01-17).

Les Eplatures, Switzerland, All charts - IATA code ZHV

Liege, Belgium, Construction works near TWY S5 in 3 stages (SUP 008-17). Stage 1: TWY A5 closed. Low vis routing for take-off via TWY S5 instead of TWY S6. Stage 2: TWY A5 and TWY S5 closed. No LVP available on RWY 22L. Stage 3: TWY S5 closed. TWY A5 deviated to the South. All ACFT on TWY A5 will be guided by follow-me car. Refer also to latest NOTAMS.

Lille, France, (Lesquin), LEQ VORDME temporarily unavailable and replaced by 111.05 LQN VORDME.

Following STARs are suspended:

ABB 5A (10-2G)

BNE 5A (10-2G)

CIV 5A (10-2F)

CIV 5B (10-2H)

CMB 5A (10-2F)

MATIX 5A (10-2F)

MATIX 5B (10-2H)

TRACA 5A (10-2G)

Following SIDs are suspended:

ABB 6E (10-3H)

ABB 6W (10-3H)

BNE 6W (10-3J)

CIV 6E (10-3F)

CIV 6S (10-3F)

CIV 6T (10-3F)

CMB 6X (10-3G)

CMB 6Y (10-3G)

MATIX 6E (10-3F)

MATIX 6S (10-3F)

MATIX 6T (10-3F)

TRACA 6W (10-3J)

Refer also to latest NOTAMS.

VORDME LEQ 109.0 MHz temporarily replaced by VORDME LQN 111.05 MHz.

Following approach procedures suspended: ILS Y Rwy 26 (11-2), VOR Rwy 26 (13-2), VOR Z or VOR Y Rwy 08 (13-1) and VPT Rwy 08 (19-10).

For temp procedure refer to chart 13-01 (based on SUP 64-17) and latest NOTAMS.

Lisbon, Portugal, (11-1) ILS or LOC RWY 03: Minimums for ILS approach with FULL lights changed to RVR 800m.

ATIS frequency 124.150 MHz for arrival only, with D-ATIS capability.

Improvement works on TWYs S2 and S4 (based on SUP 025-17). Refer to temp charts 10-8 and 10-8A and latest NOTAMS.

Liverpool, U.K., (10-3B) Due to HON VORDME out of service ACFT flying SID NANTI 2V may use WAL VORDME or RNAV overlay. ACFT unable to use this SID must advise ATC.

Ljungbyhed, Sweden, (10-9) Apron 1 closed due to poor surface conditions.

Ufn ATIS out of service.

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

REIL Rwy 31 unserviceable (based on SUP 56-17).

London, U.K., (Heathrow), Trial RNAV APCHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 26-2017, eff 12 Oct 2017). Pilots wishing to take part in the trial should "Request RNAV Yankee" on first contact with HEATHROW Director 119.725. 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.

Londonderry, U.K., (Eglinton), (11-2, 16-1) EGT holding bearings changed to 077°/257°.

Lyon, France, (Saint Exupery), New terminal and modification on parking stands (based on SUP 162-17). Refer to temp pages 10-8 and 10-8A and latest NOTAMS.

Madrid, Spain, (Adolfo Suarez Madrid-Barajas), Construction works on Ramp 7 (based on AIRAC SUP 75/17). Refer to temp charts 10-8C and 10-8D and latest NOTAMS.

Construction works on RWY 18L/36R (based on SUP 22-17). Refer to temp chart 10-8G and latest NOTAMS.

Construction works on TWYs LA, M6, M8 and M14 thru M17 (based on SUP 38/17). Refer to temp charts 10-8T thru 10-8X1 and latest NOTAMS.

Due to presence of obstacle minimums for VOR RWY 18L (13-1) raised as follows: CAT A DA(H) 2720' (722') RVR 1500m, CAT B DA(H) 2860' (862') RVR 1500m, CAT C DA(H) 3280' (1282') CMV 5000m, CAT D 3620'(1622') CMV 5000m and Circling VIS for CAT C&D raised to 5000m (based on SUP 105-16).

WIP on TWYs M21, M22 and M23 (based on SUP 083-17). Refer to temp pages 10-8K and 10-8L and latest NOTAMS.

Works in manoeuvring area (based on SUP 49/17). Refer to temp charts 10-8 thru 10-8B and latest NOTAMS.

Works on stands 1 thru 5 (based on SUP 27/2017). Refer to temp chart 10-8J and latest NOTAMS.

Madrid, Spain, (Getafe), IAP VOR Rwy 05 (chart 23-1) not available.

Madrid, Spain, (Torrejon), Following facilities out of service: ABN, REIL RWY 04, 04D & 22 and retractable cable barrier bidirectional LETO 03-C-B.

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

Malaga, Spain, (Costa Del Sol), (10-3D) SID JEREZ 2H turning point on MGA R-214 should read D33.5 MGA instead of D33.5 MLG.

EUROPE

During works on apt in 2 phases (based on SUP 99-17), following procedures u/s: During phase 1: ILS Z or LOC Z RWY 31 (chart 11-5) and ILS Y or LOC Y RWY 31 (chart 11-6). During phase 2: GBAS Z RWY 13 (chart 12-40), GBAS Y RWY 13 (chart 12-41), GBAS Z RWY 31 (chart 12-42) and GBAS Y RWY 31 (chart 12-43). Caution is recommended due to the presence of personnel and machinery in the area of LOC system of ILS RWY 31 and GBAS system. Refer also to latest NOTAMs.

Paving work on taxiways and apron in 25 phases (based on SUP 098/17). Refer to temp chart 10-8 thru 10-8K and latest NOTAMs.

Malta, Malta, (Luqa), Construction works on Pre-Threshold area rwy 23 (based on SUP 003-17). Refer to temp chart 10-8 and latest NOTAMs.

Manchester, U.K., Link AF and rapid exit TWY AE pavement rehabilitation (based on SUP 030-17). Refer to temp chart 10-8 and latest NOTAMs. Eff 27 Nov 17.

Marseille/Provence, France, Construction works in progress (based on SUP 144-17), refer to temp charts 10-8 thru 10-8D and latest NOTAMs.

For "RWY 13L/31R" existing "RWY AHEAD" indications painted on the ground in front of the holding points of twys C1, D1, D2, D6, D7, D8, D9, E9, E7, E3 and E2 will be superseded by "31R-13L" mandatory instruction markings.

For "RWY 13R/31L", "31L-13R" mandatory instruction markings will be installed in front of the holding points of twys E2, E3, E7, E9, F3 and F7.

In addition, for both rwys 13L/31R and 13R/31L, next to each holding point, improved twy centre line markings will be added. Improved twy centre line markings consist of yellow dashed lines on either side of the centre line marking, over a distance of about 164'/50m before the holding point.

Warning: These markings may be absent in front of some of the holding points. The difference of markings in front of the holding points, pilots may see both "RWY AHEAD" and mandatory instruction markings.

Mehamn, Norway, Rwy 17/35 is grooved.

Menorca, Spain, Compliance works on TWYs (based on SUP 080-17). Refer to temp chart 10-8 and latest NOTAMs.

Mikkeli, Finland, (16-2) MSA raised in Sector NW to 2000'

Montijo, Portugal, (Montijo AB), (10-3C) For procedures ELVAR 1E & 1W, the distance between D14.0 MOJ and D32.0 ESP should read 13NM instead of 104NM.

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).

Twys A2 and E closed.

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.

Montpellier/Mediterranee, France, PAPI-L Rwy 30R (angle 3.00°) available.

Mora, Sweden, (Siljan), (16-2) MSA raised in NE sector to 3400'.

Munster-Osnabruck, Germany, (SID/STARs) MSA based on ARP applicable to German territory only.

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

Naples, Italy, (Capodichino), Works on airport area. Refer to temporary charts 10-8, 10-8A and latest NOTAMs.

Newquay, U.K., Circling MDA(H) Cat B changed to 1200'(810')

Northolt, U.K., (Northolt AB), (10-9) CAUTION note added: Fixed wing ERO's not authorized at this airfield.

Orland, Norway, (Orland AB), (11-1) ILS or LOC Rwy 15 and (12-1) RNAV (GNSS) Rwy 15 due to construction works lights reduced to 354m. ILS minimums with ALS increased to RVR 1000m. LOC (GS out) with ALS increased to RVR 1400m. LNAV/VNAV with climb gradient mim 3.1% CAT D increased to RVR 1100m. LNAV/VNAV with climb gradient mim 2.5% CAT A RVR 1000m. CAT B&C RVR 1100m, CAT D RVR 1300m. LNAV with ALS RVR 1400m.

Orsta-Volda, Norway, (Hovden), Temp procedure (based on SUP 32-17) established (11-01) LOC D. For details refer to temp chart and latest NOTAMs.

Osijek, Croatia, (Klisa), Based on SUP 021/17 following charts are temporary suspended:

STAR: (10-2/10-2A).

SID: (10-3/10-3A).

Approach: (11-1) ILS Z or LOC Z RWY 29, (11-2) ILS Y or LOC Y RWY 29, (11-3) ILS X or LOC X RWY 29, (16-1) NDB Z RWY 11, (16-2) NDB Y RWY 11, (16-3) LCTR RWY 11, (16-4) NDB RWY 29.

From 09 NOV 2017 until further notice the following temporary charts are in use:

STAR: (10-2B/10-2C).

SID: (10-3B/10-3C).

Approach: (11-01) ILS Z or LOC Z RWY 29, (11-02) ILS Y or LOC Y RWY 29, (11-03) ILS X or LOC X RWY 29, (16-01) NDB Z RWY 11, (16-02) NDB Y RWY 11, (16-03) LCTR RWY 11, (16-04) NDB RWY 29, refer also to latest NOTAMs.

Ovar, Portugal, (Ovar AB), Following movement areas closed: Twy C, intersection between Twys C and M, South entry to Apron 4.

IAP ILS DME-1 Rwy 36 (chart 11-1) suspended.

Palermo, Italy, (Punta Raisi), Construction works on Rwys 02/20 and 07/25 (based on SUP 008-17). Suspension of all Rwy 02/20 arrival and departure instrument procedures due to RWY closed. Refer to temp charts 10-8, 12-01 (RNAV GNSS Rwy 25), 13-01 (VOR-X Rwy 07), 13-02 (VOR-W Rwy 07) and latest NOTAMs.

Palma De Mallorca, Spain, Construction works of apron PIER C (based on SUP 110-17). Refer to temp chart 10-8A and latest NOTAMs.

EUROPE

Constructions works for new access TWY H2 to RWY 24R (based on SUP 101-17). Refer to temp chart 10-8B and latest NOTAMS.

Reconstruction works of apron PIER B (based on SUP 109-17). Refer to temp chart 10-8 and latest NOTAMS.

Works on aprons B and C (based on SUP 118-17). Refer to temp charts 10-8 thru 10-8A2 and latest NOTAMS. Eff 07 Dec 17.

Paris, France, (Charles-De-Gaulle), Operational evaluations of runway status lights system on rwy 08L/26R and 09R/27L (based on AIC A 16/17). For details refer to temp pages 20-8A thru 20-8D and latest NOTAMS.

PAPI Rwy 08L changed from LEFT side to RIGHT side.

Paris-CDG airport installed a fixed runway closure lighting system in the approaches of runway 08R/26L.

The system is a yellow blinking cross, indicating to pilots flying final approaches that a runway is closed.

The lighting system is installed in the horizontal plan before each threshold of runway 08R/26L.

The crosses are composed of two 72 m long branches crossing at an angle of 18 degree and covering a ground surface of 71 m x 11 m. This facility enables pilots to get visual information about runway status in case of any closure (as works, runway inspection, ILS calibration, winter operations). It is used as a complement to the closing devices already in use (mobile crosses placed after the thresholds). From February 16th 2017, runway closure lighting crosses are assessed during operations on runway 08R and 26L. The evaluation will go for 1 year.

Paris, France, (Le Bourget), PAPI-R (3.0°) Rwy 25 established.

(RNAV SIDs RWY 07) Initial climb text to read "Climb on 068° track, at 620' turn RIGHT, intercept BT R-096 (due to proximity of LFPG RWYs 08R/08L, ACFT must be on course for BT R-096 no later than BT2.0 DME) to D13.0 BT".

Paris, France, (Orly), Closure of TWYs W2, L3N, L3S and LGN (based on SUP 181-17). Refer to temp chart 10-8D and latest NOTAMS.

Construction works on TWYs L3 and W2 and closure of parking stands A11, A12, A21 and A31 (based on SUP 160-17). Refer to temp charts 10-8B and 10-8C and latest NOTAMS.

If weather conditions worsen (VIS 1500m or less or ceiling below 1000') an increase in holding times at the take-off threshold may occur.

New stand B11 available West of stand B01.

Payerne, Switzerland, (Payerne Mil), (10-9) Taxiing on TWY S not possible between TWY L and TWY P. TWY M is closed.

Perigueux, France, (Bassillac), RNAV (GNSS) Rwy 29 (12-1); LPV only available when PAPI is operative. LNAV and LNAV/VNAV prohibited. NDB Rwy 29 (16-1) prohibited.

Podgorica, Serbia-Montenegro, Based on SUP 4/17 due to modernization of POD VOR/DME following charts are temporary suspended:

-approach: (11-1) ILS Z or LOC Z Rwy 36, (11-2) ILS Y or LOC Y Rwy 36, (16-1) NDB Z Rwy 36, (16-2) NDB Y Rwy 36, (19-10) CTL WITH PRESCRIBED FLIGHT TRACKS;

-SID (10-3/10-3A/10-3B/10-3C/10-3D/10-3E), STAR (10-2/10-2A).

From 15 OCT 2017 until further notice the following temporary charts are in use:

- approach: (11-01) ILS Z or LOC Z Rwy 36, (11-02) ILS Y or LOC Y Rwy 36, (16-01) NDB Z Rwy 36, (16-02) NDB Y Rwy 36, (16-03) NDB X Rwy 36, (19-010) CTL WITH PRESCRIBED FLIGHT TRACKS, refer also to latest NOTAMS.

-SID (10-3C1/10-3C2/10-3E1/10-3E2), STAR (10-2A1), refer also to latest NOTAMS.

Porto, Portugal, (Francisco SA Carneiro), New temporary IAP RNAV (GNSS) Rwy 35 implemented (based on SUP 050-17, eff 9 NOV 17 based on SUP 054-17). Refer to chart 12-01 (TEMP).

PRT VOR DME out of service (based on SUP 50-17, eff 9 NOV 17 based on SUP 53-17).

Following IAPs are suspended: ILS Rwy 17 (chart 11-1), CAT II ILS Rwy 17 (11-1A), VOR Rwy 17 (13-1), VOR Rwy 35 (13-2), NDB Rwy 17 (16-1), Lctr Rwy 35 (16-2). Refer to new temp IAPs ILS Rwy 17 (TEMP) (chart 11-01), CAT II ILS Rwy 17 (TEMP) (11-01AA), NDB Rwy 17 (TEMP) (16-01) and latest NOTAMS.

(SIDs/STARs) PRT VORDME out of service and replaced by WPT OTREG at same position. SIDs MANIK & TURON 4N & 4S suspended. Temp charts 10-2F thru 10-2M, 10-3F thru 10-3N published. Effective date on temp charts should read 09 Nov instead of 17 Aug. Refer also to latest NOTAMS.

Rheine, Germany, (Bentlage Army), (18-1) BENTLAGE Radar frequency 123.3 withdrawn.

Rochefort, France, (Charente-Maritime), Airport name changed to Charente-Maritime.

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

Rome, Italy, (Fiumicino), WIP on apron and twy B (based on SUP 011-17). Refer to 10-8 yellow page and latest Notams.

Salon, France, (Salon AB), Airport and location name changed to Salon de Provence.

Sandefjord, Norway, (Torp), (10-9) Construction works on manoeuvring area with temporary closure of RWY and TWY. Working period will take place mostly outside the airport opening hours, normally all nights between sunday and friday (0000LT - 0600LT). ILS approaches RWY 18/36 will for longer periods be suspended. Apch lights inset in the RWY surface (last 886'/270m before threshold) will be unavailable for extended periods of times, but not at the same time for both RWYs. Centre line lights will be unavailable during work period. For departures minimum RVR 400m. Southern part of TWY Y will be used as a temporary storage area.

(12-1/12-2) RNAV (GNSS) RWY 18 and RWY 36 LPV minimums are suspended.

EUROPE

Santiago, Spain, Works on Twys E3 and T (between Twys E1 and D3) (based on SUP 46/17). Refer to temp chart 10-8/10-8A and latest NOTAMs.

Works on Twys E3 and T (between Twys E1 and D3) (based on SUP 116/17). Refer to temp chart 10-8/10-8A and latest NOTAMs Eff 07 Dec 17.

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

RWY 24: PAPI angle 4.00°, MEHT 29'.

Schwabisch Hall, Germany, ILS or LOC Rwy 28 (11-1) ILS FULL condition CAT B RVR raised to 800m.

Seinajoki, Finland, RNAV (GNSS) Rwy 32 (12-2) Waypoint ULRAB to read as ULRAT.

Shawbury, U.K., (Shawbury AB), (11-2) Copter VOR ILS DME Rwy 18, inbound fix D7.0 ISHY withdrawn, SMA before FAF increased to 1210' (968'). (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').

Sitia, Greece, (STARs/SIDs) Add note: DME Required.

Southend, U.K., (18-1) SRA Rwy 05, 23: Due to crane in vicinity DA/MDA(H) SRA 23 raised to 560' (522') VIS CAT C is RVR 2000m (CMV 2400m with ALS out), (11-1, 11-2, 18-1) NDB ILS DME or NDB LOC DME Rwy 05, NDB ILS DME or NDB LOC DME Rwy 23, SRA Rwy 05, 23 circle-to-land CAT A raised to 610' (555') in hours between 1800 and 0800 (LT, Winter), 1700 and 0700 (LT, Summer) on Mondays to Fridays, on Saturdays between 1300 and 0800 (LT, Winter) and 1200 and 0700 (LT, Summer).

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

Stockholm, Sweden, (Bromma), For construction works refer to temporary charts 20-08, 20-08A, 20-08B, 20-08C and latest NOTAMs.

Sylt, Germany, (10-9) SFL rwy 14 available,

Thessaloniki, Greece, (Makedonia), (11-1, 13-1) ILS DME RWY 10 and VOR DME RWY 10 are withdrawn due to WIP.

The parallel twy F of Rwy 10/28 is established as Rwy 10L/28R. Rwy 10L/28R will be activated by NOTAM. When the Rwy 10L/28R is active refer to charts 10-2H, 10-2J, 10-2K, 10-2L, 10-3H, 10-3J, 10-8, 10-8A, 13-5 and 13-6 and latest NOTAMs. PAPI available for Rwy 10L/28R.

Tivat, Serbia-Montenegro, Based on SUP 5/17 due to modernization of POD VOR/DME following charts are temporary suspended:

-approach: (11-1) LOC Z RWY 32, (11-2) LOC Y RWY 32, (16-1) NDB Z RWY 14 (CIRCLING), (16-2) NDB Y RWY 14 (CIRCLING), (16-3) NDB Z RWY 32 (CIRCLING), (16-4) NDB Y RWY 32 (CIRCLING)

-STAR: (10-2C)

-SID: (10-3H/10-3J/10-3K).

From 15 OCT 2017 until further notice the following temporary charts are in use:

- approach: (11-01) LOC Z Rwy 32, (11-02) LOC Y Rwy 32, (16-01) NDB Z Rwy 14, (16-02) NDB Y Rwy 14, (16-03) NDB Z Rwy 32, (16-04) NDB Y Rwy 32, refer also to latest NOTAMs.

-STAR (10-2D),

-SID (10-3J1/10-3L), refer also to latest NOTAMs.

Toulouse, France, (Blagnac), CAUTION-note for IAPs ILS or LOC Rwy 14L (Final apch), chart 11-1B, ILS or LOC Rwy 14R (Final apch), chart 11-2B, CAT II/III ILS Rwy 14R (Final apch), chart 11-2C, and ILS or LOC Rwy 32L (Final apch), chart 11-3B: "Fake signals may be generated along the GP slope before overflying the FAP."

Twy T100 closed due to acft parked in the twy clearance area.

Toulouse, France, (Francazal), RWYs 11 and 29 PAPI-L (3.00°) installed.

Tromsø, Norway, (Langnes), Rwy 01/19 is grooved.

Valladolid, Spain, (Villanubla), Works on Airport Area (based on SUP 62-17, with eff 17 AUG 17 based on SUP 93-17). Refer to temp charts 10-8/10-8A and latest NOTAMs.

Vienna, Austria, (Schwechat), (11-1 thru 11-5 and 12-20 thru 13-2) WIEN Radar (APP) freq 124.550 withdrawn.

Vila Real, Portugal, ALS Rwy 02 out of service (based on SUP 38-17).

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

Vitoria, Spain, Construction works on airport area (based on SUP 055-17). Refer to temp chart 10-8 and 10-8A and latest NOTAMs.

Due to temporary unavailability of VFD VORDME following IAPs are suspended: (13-1) VOR Rwy 04 and (13-2) VOR Rwy 22 (based on SUP 97/17). Refer also to latest NOTAMs.

Due to temporary unavailability of VFD VORDME STARs RWY 22 are changed as follows:

(10-2) CEGAM 1J & PPN 2M unservicable, CEGAM 2H available with IAF VTA NDB, (10-2A) STARs RWY 22 available with IAF VTA NDB, (10-2C) CEGAM 1S & PPN 1X unservicable, CEGAM 1R available with IAF VTA NDB, (10-2E) STARs RWY 22 available with IAF VTA NDB.

Also refer 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.

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), Construction works on airport area. Refer to temp chart 10-8 and latest NOTAMs.

Zagreb, Croatia, (Pleso), Due to construction of A-SMGCS and related works (based 018/17) there will take place operational implications: Phase 1 - Apron West parking stand closure; Phases 11, 12 and 13 - Apron East parking stands closure. During LVO, work will be suspended. Refer also to latest NOTAMs.

EUROPE

Due to replacement of runway edge lights and runway end lights (based on SUP 012/17): Rwy 05/23 will be closed at night for all traffic (with possibility to reopen). During replacement period ACFT operations on the Rwy 05/23 will be limited to CAT I continuously H24. Refer to latest NOTAMs.

Zaragoza, Spain, (18-1) PAR and SRE approach to all RWYs not available (based on SUP 114-17).

ABN out of service. (Based on SUP 114-2017)

Zurich, Switzerland, Construction works at Delta stands. Refer to temp chart 10-8 and latest NOTAMs.

Construction works between south of twy E and Maintenance Hall 3. Refer to temp chart 10-8B and latest NOTAMs.

Due to construction works Twy F closed between Twy M and N. Area marked and lighted.