

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.

ALBANIA

FRA (Free Route Airspace) estbld within Tirana FIR; 2200-0600LT, above FL195. **E LO-13/4CD, E LO-14/8B9A.**

BULGARIA

FRA (Free Route Airspace) within Sofia FIR. Lower limit FL175. **E LO-13/5ABCD, E LO-14/9AB.**

CZECHIA

CPDLC avbl for Prague ACC within Prague FIR, FL195 and above; Data Link ADS is LKAA. **EDDM 10-1, E LO-11/2BCD3CD, E LO-12/6AB7A.**

FRANCE

ATS ROUTE SYSTEM (LOW) revised within Brest and Paris FIRs. For details refer to CCN 309. **E LO-3/2CD3CD, E LO-4/6 to 8.**

GERMANY

Location/airport name changed from Donauwoerth 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 revised within Russia. For details refer to SUPPL EA (H/L)-1A/1B. **E LO-10, E LO-9.**

ATS ROUTE SYSTEM revised within Russia. For details refer to SUPPL EA (H/L)-9A/9B. **E LO-10.**

TURKEY

ATS ROUTE SYSTEM revised within Ankara FIR and Istanbul FIR. For details refer to SUPPL ME (H/L)-1A. **E LO-14/9B10AC.**

ALBANIA

NCRPs estbld; UMRES at N4126.2 E01925.9, UNASA at N4126.7 E01918.0, VALIN at N4111.1 E01946.0 and VOLBI at N4138.9 E01941.4. **E LO-13/4C, E LO-14/8B.**

AUSTRIA**ATS ROUTES changed:**

Y303 estbld, TUNUM NCRP - NIGEB NCRP, 238°, 20 NM, MEA 14000', one-way SW-bound. **E LO-4/10BD.**

Z2 TUNUM - GEDSO realigned; TUNUM - UMVEG NCRP, 096°, 16NM, XEBIX to UMVEG MEA 11000'. **E LO-4/10AB.**

Z204 estbld TUNUM NCRP - GEDSO NCRP, 122°, 18 NM, MEA 15000', one-way SE-bound. **E LO-4/10B.**

Z408 UMVEG to NIGEB realigned; GEDSO - NIGEB 268°, 33NM, MEA 14000', one-way W-bound. **E LO-4/10BD.**

BOSNIA AND HERZEGOVINA**ATS ROUTES changed:**

L603 LURID (N4508.1 E01724.0) chgd to CRP. **E LO-13/3B.**

L604, PERAN (N4302.0 E01840.0) to GILUK, chgd to one-way NW-bound. **E LO-13/3BD4C.**

M867, OSLUD (N4328.6 E01847.2) chgd to CRP. **E LO-13/4C.**

Y128, EVTON (N4442.6 E01657.5) and ORVAT chgd to CRP. **E LO-13/3AD.**

CROATIA**ATS ROUTES changed:**

L187, MOKUN (N4227.0 E01828.8) - TIBRI, ROUTE MORA 8900a. **E LO-13/3D4C.**

RIJEKA TMA withdrawn. **E LO-12/6D, E LO-13/2B.**

DENMARK**ATS ROUTES changed:**

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

FRANCE**ATS ROUTES changed:**

G273, RAVIG NCRP estbld at N4920.5 W00123.1; DIKRO - RAVIG, 216°/036°, 18NM, chgd to two-way; RAVIG - BEVAV, 216°, 20NM. **E LO-3/3C.**

T16 redesignated T616, Sauveterre De Guyenne VOR (SAU) to MINPA. **E LO-5/4AB5A.**

T501 estbld, LUKEM NCRP at N4904.5 W00127.4 - RAVIG NCRP at N4920.5 W00123.1, 010°/190°, 16NM, MEA FL70. **E LO-3/3C.**

EUROPE

LF(P)-TOULON estbld: N4310.5 E00552.0 - N4310.5 E00553.5 - N4309.5 E00557.7 - clockwise along the arc of a circle with a 3.2NM radius centered on N4307.0 E00555.0 - N4303.8 E00555.0 - N4303.8 E00551.5 - clockwise along the arc of a circle with a 4.11NM radius centered on N4307.0 E00555.0 - N4310.5 E00552.0 excluding the portion overlapping with LF(P)-62. Altitudes: GND-FL195 until 01 JUN 17. **LFMN 10-1, LFML 10-1, E LO-5/5D.**

LILLE LESQUIN VORDME (LEQ) freq/ident chgd to (LQN) 111.05, until 08 Aug 17. **E LO-3/4C.**

Lyon Saint Exupery VORDME 'LSE' replaced by 'VMP' 117.2 at N4555.7 E00505.5, until 16 Aug 17. **LSGG 10-1, LFLM 10-1, E LO-5/5B, E LO-4/9C.**

GERMANY

ATS ROUTES changed:

L23, TIMIB NCRP estbld at N5345.1 E01242.0; LEGSA - TIMIB - KUBAB, 3/8NM. **E LO-8/6D, E LO-10/7D8C.**

M150, PITES (N4943.7 E00631.2) to Karlsruhe VORDME (KRH), CDR 1.3. **EDDF 10-1, E LO-3/5CD.**

M736, LEGSA replaced by TIMIB NCRP at N5345.1 E01242.0; BAKDO - TIMIB - INDOK; 200°, 24/52NM. **E LO-8/6D, E LO-10/7D8C.**

N850, BAGOS (N5434.4 E01116.2) to NIGAD, CDR status withdrawn. **E LO-8/6D, E LO-10/7D.**

N872, DEMIR (N5450.2 E00951.2) to KUBAT, CDR 1.3. **E LO-8/6B, E LO-10/7CD.**

P66, Kempten VORDME (KPT) to DITBA, CDR 1.3. **EDDM 10-1, E LO-4/10AB.**

P605, MADUB (N5230.0 E00956.3) renamed MADOR, coords chgd to N5234.0 E00957.2; Leine VORDME (DLE) - MADOR - AGATI, 19/21NM. **E LO-10/7D, E LO-11/1AB.**

Q280, LEGSA replaced by TIMIB NCRP at N5345.1 E01242.0; GASBO - TIMIB; 151/331°. **E LO-8/6D, E LO-10/7D8C.**

Q760 extended, Norvenich VORTAC (NOR) - INLAR NCRP at N5058.4 E00628.8, 313°, 11NM, MEA 5000', MAA FL240; INLAR - MILGI NCRP at N5111.8 E00607.5, 313°, 19NM, MEA 5000'; Norvenich to MILGI one-way NW-bound. **EBBR 10-1.**

Q760, Saarbruecken NDB (SBN) to RUDOT, CDR 1.3. **EDDF 10-1, E LO-3/5C.**

T127, DODLI (N4844.0 E01034.4) - TEKSI, CDR 1.2. **E LO-4/10AB.**

T155, LOMPU (N5435.5 E01112.2) to Michaelsdorf VOR (MIC), CDR status withdrawn. **E LO-8/6D, E LO-10/7D.**

T156, OBATU (N5242.3 E01024.9) to ALOSI, CDR status withdrawn. **E LO-10/7D, E LO-11/1B.**

T200, ABITO (N5100.06 E01045.8) renamed ABLUM. **E LO-11/1B.**

T503, GIMRU (N5433.6 E01118.8) - Michaelsdorf VOR (MIC), CDR status withdrawn. **E LO-8/6D, E LO-10/7D.**

T853, INLAR (N5058.4 E00628.8) - Lima NDB (LMA) realigned; INLAR - GESBI NCRP, 310°, 8NM; GESBI - Lima NDB, 007°, 19NM; INLAR to Lima NDB, MEA 3000'. **E LO-3/5AC.**

T884, TOBIV (N5131.5 E00708.0) to AGENI realigned; ABAMI NCRP at N5125.5 E00716.8 - NEREL NCRP at N5105.3 E00633.8 - AGENI, 231°, 34/29NM. **EBBR 10-1, E LO-3/5AC.**

T892, RIDSU (N4944.9 E00828.8) to BETEX, CDR 1.3. **EDDF 10-1, E LO-3/5CD.**

T911 extended, NOLRU NCRP at N5130.1 E00612.8 - MOSUG, 116°, 21NM, MEA FL160, one-way SE-bound. **EHAM 10-1.**

UQ162, ERMEL (N4911.3 E01102.7) - Spessart NDB (PSA), CDR 1.3. **EDDF 10-1, E LO-11/1CD.**

UQ163, MOGTI (N4723.3 E01043.0) to ETASA, CDR 1.3. **EDDM 10-1, EDDF 10-1, E LO-4/10AB.**

UQ863, TEKSI (N4841.4 E01004.1) to ETASA, CDR 1.3. **E LO-4/10A, E LO-11/1C.**

Y100, Maisach VORDME (MAH) to MOMUK, CDR 1.2. **E LO-4/10B.**

Y110, Kempten VORDME (KPT) - ATMAX, CDR 1,2. **E LO-4/10B.**

Y326, MOMUK (N4750.3 E00959.8) - BEMKI, CDR status withdrawn. **E LO-4/10AB.**

Y740, ATMAX (N4755.8 E01045.0) - NESES, CDR 1.2. **E LO-4/10B.**

Y841, DOMEQ (N5142.6 E00735.2) to Norvenich VORTAC (NVO) realigned; DOMEQ - IRBUP NCRP at N5129.4 E00728.6 - ANAVI NCRP at N5118.7 E00723.3, 195°, 14/11NM; ANAVI - Norvenich VORTAC, 223°(043°), 41NM. **EDDF 10-1, E LO-3/5AC.**

Z76, ABGAS (N4835.6 E01023.5) - ELVAG, CDR 1,2. **E LO-4/10B.**

Z111, PITES (N4943.7 E00631.2) to RAMOB, CDR 1.3. **EDDF 10-1, E LO-3/5CD.**

Z283, ZELTI NCRP estbld at N5108.7 E00609.9; NETEX - ZELTI, 12NM; ZELTI - MODRU, 8NM, one-way S-bound. **EBBR 10-1.**

Z717, IRBUP NCRP estbld at N5129.4 E00728.6, EXOBA - IRBUP - ABAMI, 36/8NM; RASAS replaced by NEREL NCRP at N5105.3 E00633.8, ABAMI - NEREL, 232°, 34NM; NEREL - MODRU, 255°, 18NM. **EBBR 10-1, E LO-3/5AB.**

Z727 estbld, ELДАР NCRP (N5101.4 E00640.8) - ANAVI NCRP at N5118.7 E00723.3, 055°, 32NM; ANAVI - IRBUP NCRP at N5129.4 E00728.6, 015°, 11NM; ELДАР to IRBUP, one-way N-bound; IRBUP - Hamm VORDME (HMM)NCRP, 019°/201°, 24NM; ELДАР to Hamm VORDME, MEA FL170. **EDDF 10-1, E LO-3/5AB.**

Z729, TOMPI (N4923.5 E00703.5) to BADLI, CDR 1.3. **EDDF 10-1, E LO-3/5CD.**

Z818, MAKOT (N4910.3 E00702.4) - Saarbruecken NDB (SBN), CDR 1.3. **EDDF 10-1, E LO-3/5C.**

Z907, KENUM (N5043.4 E00614.4) - ELДАР, MEA FL170; ELДАР to Hamm VORDME (HMM), withdrawn. **EDDF 10-1, E LO-3/5ABC.**

KEMPTEN VORDME (KPT) freq chgd to 108.4. **E LO-4/10B.**

GREECE

ATS ROUTES changed:

L/UL53, BINKI CRP estbld at N3622.4 E02555.0; TIPAS - BINKI - MADEX, 50/30NM. **E LO-14/9D10C.**

L/UL612, Araxos VORDME (ARA) - Tripolis VORDME (TRL), should be one-way SE-bound. **E LO-14/9C.**

EUROPE

L612, APSOG (N3901.5 E02008.9) withdrawn; EKVIS - ORTOS, 37NM; IXIMA to Sitia VORDME (SIT), CDR 1. **E LO-14/8BD9CD.**
 M/UM601, UVRRIT CRP estbld at N3636.5 E02549.8; MADEX - UVRRIT - ASTIS, 21/20NM. **E LO-14/9D10C.**
 N/UN137, ANTAR (N3348.0 E02816.0) to Karpathos NDB (KRC), withdrawn. **E LO-14/10C.**
 N/UN138, Kerkira VORDME (KRK) - EPIRU, withdrawn. **E LO-14/8B.**
 P169, Athens VORDME (ATV) to Souda VORDME (SUD), CDR 1. **LGAV 10-1.**

ERITI (N3607.4 E02524.3) renamed GIVIS. **E LO-14/9D.**

ITALY

ATS ROUTES changed:

L5, IDLOL CRP estbld at N4230.2 E01355.7; ATRUP - IDLOL, 17NM; IDLOL - NAVAG, 9NM, MEA FL110. **E LO-13/2D.**
 L50, GISPA (N4148.3 E01120.5) - ROTIR, 314°/133°; GISPA to Elba VORTAC (ELB), chgd to two-way, CDR 3; KUKEV - BANKO, MEA FL200. **E LO-5/6A.**
 M135 redesignated T345, ABULO (N4534.5 E00659.7) - LURAG, chgd to two-way, 125°/305°. **E LO-5/6A.**
 M601, EPIKU CRP estbld at N4051.4 E00806.6; MALAV - EPIKU - GINOX, 11/5 NM. **E LO-6/10B.**
 M601, MALAV (N4050.8 E00820.7), ORVEX, RONAB chgd to CRPs. **E LO-14/6B7A.**
 M622, SUKUN (N4045.0 E00954.7) - OKIDO, 319°, 6NM, MAA FL330, one-way N-bound; RUGOX CRP estbld at N4115.1 E00921.6; OKIDO - RUGOX - MADKA, 319°, 33/6NM, MAA FL330; SUKUN to MADKA, CDR 3. **E LO-6/10B, E LO-14/6B.**
 M730 Genoa VORDME (GEN) to Torino VORDME (TOP) MEA FL110 (ufn). **LIMC 10-1, E LO-5/6AB, E LO-13/1A.**
 M740, RONAB (N3952.2 E01153.5) - ADUKA, CDR status withdrawn. **E LO-14/7AC.**
 M858 Genoa VORDME (GEN) to UNITA MEA FL100 (ufn). **LIMC 10-1, E LO-5/6B, E LO-13/1A.**
 M858, CORSI (N4120.0 E008.48.7) to BOLOT, CDR 3. **E LO-6/10B.**
 M859 Genoa VORDME (GEN) - LAGEN MEA FL110 (ufn). **LIMC 10-1, E LO-5/6B, E LO-13/1A.**
 Z185, ASBOP CRP estbld at N4407.5 E00757.2; ENOBA - ASBOP - BORDI, 19/11NM. **E LO-5/6AB.**
 Z924, GOKMI CRP estbld at N4026.3 E00814.4; USEPI NCRP - GOKMI - SUPUX, 7/11NM. **E LO-6/10B.**
 MILAN CTA estbld; lateral limits to include Milan FIR, excluding Padova ACC, 3000'-FL195. **E LO-5/6ABCD.**
 ORVID (N4211.3 E01344.3) renamed ASPIR. **E LO-13/2D, E LO-14/7B.**
 PALERMO ATZ withdrawn. **E LO-14/7D.**
 ROME CTA estbld; lateral limits to include Rome ACC, FL95-FL195. **E LO-5/6C, E LO-6/10BD.**
 SIENA VORDME (SIE) decmsnd. **E LO-13/1D.**

MACEDONIA, FORMER YUGOSLAV REP

ATS ROUTES changed:

N140, RAXAD (N4218.5 E02214.6) - NASKO, withdrawn. **E LO-13/5C.**
 P859, Prilep NDB (PEP) - LONTA, cruising levels chgd to standard. **E LO-13/4D, E LO-14/9A.**
 TUXOV (N4218.0 E02206.3) withdrawn. **E LO-13/5C.**
 UPERO (N4217.0 E02147.0) withdrawn. **E LO-13/4D.**

NETHERLANDS

ATS ROUTES changed:

M90 estbld; NCRP BERGI (N5244.9 E00421.5) - NCRP LEGBA at N5304.4 E00414.2 - CRP ODASI at N5330.9 E00404.1 - CRP LONAM at N5350.4 E00356.6, 347°, 20/27/20NM, MEA FL100, one-way N-bound, CDR 1, 2. **EHAM 10-1.**
 N872 KUDAD (N5140.0 E00434.1) withdrawn, LARAS - WOODY, 29NM. **EHAM 10-1.**
 T883 PISAP (N5147.6 E00638.4) replaced by SOBTU NCRP, SOBTU - ROTEK, 256°, 17NM. **EHAM 10-1.**

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.**
 ATKUR NCRP estbld at N6532.7 E01356.7. **E LO-7/3A.**
 WESTCOAST TMA divided in Flesland TMA and Sola TMA. **E LO-1/3BD.**

POLAND

ATS ROUTES changed:

L617, EPOPA (N5022.1 E01748.0) - SOGPI, CDR 1. **E LO-11/3C.**
 L621, GOTIX (N5001.3 E02312.7) to UREKO, MEA FL100, CDR 1; OGVET NCRP estbld at N5053.0 E02228.7, NEVAP - OGVET - MONOV, 7/8NM; OGVET to VADOL, CDR status withdrawn; NETAB - LIMVI, MEA FL100, CDR status withdrawn. **E LO-11/4ABC.**
 L856, IXOGA NCRP estbld at N5122.0 E02227.7, TOSPO - IXOGA - LODBO, 60/29NM. **E LO-10/9D, E LO-11/4AB.**
 L999, DOGIG NCRP estbld at N5049.4 E02205.2, OBOSO - DOGIG - BIGLU, 18/77NM. **E LO-11/4ABC.**
 M860, XIMBA NCRP (N5139.4 E02125.7) - EGLON NCRP, 119°, 25NM, MEA FL110, one-way SE-bound; EGLON - ROLKA CRP, 125°/306°, 93NM, MEA FL100, CDR 1. **E LO-11/4ABC.**

EUROPE

M977, SOVUR replaced by LUGUG NCRP at N5123.2 E02300.2; OSMAT - DIBED, CDR 1. **E LO-10/9D, E LO-11/4BD.**

N191, ROTIT replaced by GIMAP NCRP at N5113.2 E02305.8; GIMAP to RUTUK, MEA FL140. **E LO-11/4AB.**

N195, LIBGA NCRP estbld at N5049.5 E02212.7, NATEV - LIBGA - VELAX, 3/23NM; VELAX to DIBED, chgd to two-way FL140 and below, 144°/325°, MEA FL100; VELAX - TELDU, CDR 1. **E LO-11/4ABD.**

Q258, VELAX (N5029.3 E02231.2) - UREKO, MEA FL110. **E LO-11/4BD.**

T267 realigned, DOTEK (N5112.0 E02151.7) - GOVUK; NATEV NCRP - BALBA NCRP, 085°, 32NM, MEA FL110, MAA FL280 withdrawn, one-way E-bound, CDR 1. **E LO-11/4AB.**

T269 realigned, LUKOX (N5102.8 E02212.5) - NATEV; NATEV NCRP - ROLKA CRP, 107°, 69NM, MEA FL110, MAA FL280 withdrawn, one-way SE-bound, CDR 1. **E LO-11/4ABD.**

T375 estbld; MEBAN CRP (N4927.3 E01938.8) - ROXUG NCRP at N5018.9 E02046.4 - LULIN NCRP, 035°/215°, 68/21NM, MEA FL100; LULIN - IRGAM NCRP at N5045.7 E02146.9, 060°, 27NM; IRGAM - GAVDU NCRP at N5050.5 E02204.2, 061°, 12NM; LULIN to GAVDU, FL110, one-way NE-bound; ROXUG to GAVDU, CDR 1. **E LO-11/3D4C.**

T425 estbld; USTIL CRP (N5050.0 E02406.0) - BALBA NCRP, 267°/086°, 41NM; BALBA - MONOV NCRP, 283°, 26NM, one-way NW-bound; USTIL to MONOV, MEA FL100, CDR 1. **E LO-11/4B.**

T709, LUKOX replaced by ARGIX NCRP at N5056.7 E02158.3; ARGIX - POBIG, 12NM, CDR status withdrawn; ARGIX to KOTEK, MAA FL450 withdrawn. **E LO-11/4AC.**

T710, MAPIK (N5031.6 E01814.9) - SABAB, CDR 1. **E LO-11/3CD.**

T714, OSNON NCRP estbld at N5036.6 E01757.0, ATMEV - OSNON - MAPIK, 19/12NM; ATMEV - OSNON, CDR 1. **E LO-11/3CD.**

T738, NUMBA (N5022.5 E01806.5) - OLMUK, CDR 1. **E LO-11/3CD.**

Z159, ADVEX (N5020.9 E1752.2) - OSKEX, CDR 1. **E LO-11/3AC.**

LUBLIN TMA lower limit 1500'. **E LO-11/4B.**

PORTUGAL

NISA VORTAC (NSA) replaced by IPSIK CRP at same position, until 20 Jul 17. **E LO-6/7B.**

WISEU VORDME (VIS) replaced by DIKMO CRP at same position, until 22 Jun 17. **E LO-5/1D (to-note), E LO-6/7B.**

RUSSIA

ATS ROUTES (undesigned) changed:

ESTBLD; Kostino NDB (KN) - BAPKO NCRP at N5635.8 E03749.4, 002°, 18NM, MEA FL50; BAPKO - RILPO CRP at N5652.3 E03816.2, 031°, 22NM, MEA FL70; Kostino NDB to RILPO, one-way N-bound, MAA FL530. **E LO-9/5B.**

SERBIA-MONTENEGRO

ATS ROUTES changed:

L604, RETRA (N4213.7 E01920.1) to Gacko NDB (GAC), chgd to one-way NW-bound. **E LO-13/3D4C.**

L611 estbld; RODON CRP (N4127.5 E01906.0) - KOFER CRP, 321°, 34NM, MEA 6000', one-way NW-bound. **E LO-13/4C, E LO-11/8B.**

L863 realigned, RAVAK (N4341.2 E02137.6) - Topola VORDME (TOP); RAVAK - Valjevo VORDME (VAL) NCRP, 293°, 85NM, MEA 6000', one-way NW-bound. **E LO-13/4AB.**

M127, UTOMO NCRP estbld at N4238.8 E01951.2, ALELU - UTOMO, 10NM; UTOMO - Valjevo VORDME (VAL), 100NM, MEA 10000'. **E LO-13/4AC.**

Y400, RETRA (N4213.7 E01920.1) - Podgorica VORDME (POD), chgd to one-way NW-bound. **E LO-13/4C.**

Y520 realigned, ESIRI (N4419.5 E02127.8) to Beograd VORDME (BGD); ESIRI - Beograd VORDME (BGD), 58NM; Beograd VORDME (BGD) - TADAM, 305°, 42NM, MEA 6000', one-way NW-bound. **E LO-12/7D8C, E LO-13/4AB.**

Y714 estbld; Topola VORDME (TPL) - RAVAK, for route details see L863. **E LO-13/4AB.**

SLOVAKIA

ATS ROUTES changed:

B45, TEKLA NCRP estbld at N4858.8 E01844.7, NIDOK - TEKLA, 6NM, MEA 6000'. MOCA 5900T; KOPAT NCRP estbld, TEKLA - KOPAT, 8NM, MEA 7000', MOCA 6300T; KOPAT - BILNA, 19NM, MEA 7000', MOCA 6100T. **E LO-11/3D.**

L617, TEKLA NCRP estbld at N4858.8 E01844.7, NIDOK - TEKLA, 6NM, MEA 6000'; TEKLA - KOPAT, 8NM, MEA 7000'; KOPAT - BILNA, MEA 7000'. **E LO-11/3D.**

L856, SUBET replaced by VADEX NCRP at N4915.1 E01853.1; BABKO - VADEX, MEA 8000'; VADEX - KOPAT, MEA 7000'; KOPAT - SOMID, 222°, 52NM, MEA 7000', CDR 1. **E LO-11/3D, E LO-12/7A.**

P27, RUTKI NCRP estbld at N4910.4 E01856.4, Zilina NDB (ZLA) - RUTKI - LIPMU, 17/27NM, MEA 8000'; LIPMU - Tetry VORDME (PPD), MEA 10000'; Tetry VORDME (PPD) - UDRELE, MEA 7000'. **E LO-11/3D4C.**

SPAIN

ATS ROUTES changed:

A6, PIDUD NCRP estbld at N3445.2 E00128.6; SURIB - PIDUD - LABRO, 41/33NM. **E LO-6/9CD.**

A27, XESPA NCRP (N3835.8 E00308.5) estbld; TALEN - XESPA - GENIO, 31/18NM. **E LO-6/9D.**

A34, RINDI NCRP (N3706.3 W00003.8) estbld; MAGAL - RINDI - HAMRA, 59/14NM. **E LO-6/9C.**

B16, MAMOM NCRP (N3913.1 E00405.5) estbld; Menorca VORDME (MHN) - MAMOM - PECES, 39/45NM. **E LO-6/9BD.**

G5, XULIM NCRP estbld at N3556.0 W00610.5; Vejer De La Frontera VORDME (VJF) - XULIM - KORIS, 21/7NM. **E LO-6/7D8C.**

L150, XENVO NCRP estbld at N3728.3 E00047.8; RAFOL - XENVO - LABRO, 48/20NM. **E LO-6/9C.**

EUROPE

TERMINAL CHARTS

GENERAL

FINLAND

STARs and SIDs are also minimum noise routings.

FRANCE

Due to renewal, LSE VORDME is temporary u/s. VMP VORDME (117.2 MHz, N45 44.7 E005 05.5) supersedes LSE VORDME in all IFR approach, departure (SID) and arrival (STAR) procedures of the following affected aerodromes: LFLI, LFLY, LFMH, LFLS, LFLP and LFLB.

The DME radial and distances of the different procedures remain unchanged. The tracks of the IFR procedures remain identical. Refer also to latest NOTAMS.

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

Location/airport name changed from Donauwoerth 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.

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

R47, OSLEP NCRP estbld at N3709.9 W00711.5, MINTA - OSLEP - NAPES, 9/8NM. **E LO-6/7D.**

T100, XULIM NCRP estbld at N3556.0 W00610.5; TUTIS - XULIM - AMPIR, 26/11NM; XENVO NCRP estbld at N3728.3 E00047.8 and PIDUD NCRP estbld at N3745.2 E00128.6; RINDI - XENVO - PIDUD - PIMAD, 47/37/55NM. **E LO-6/7D9CD.**

Z406, Vigo VORDME (VGO) replaced by RUTUD CRP at same position (until 31 Mar 2017). **E LO-5/1D.**

CACERES VORDME (CCS) decmsnd and replaced by OBIPA CRP at same position, until 09 Nov 17. **LEMD 10-1(to-note), E LO-6/7B8A.**

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

U.K.

ATS ROUTES changed:

L15 redesignated M91, IRKUN (N5055.3 E00128.0) - Lydd VORDME (LYD). **EGLL 10-1.**

L74 redesignated L7, GOLVO (N5424.7 E00335.1) - VENAS, chgd to two-way, 159°/339°. **E LO-2/8C.**

M17, LEMGU NCRP estbld at N5224.4 W00522.6, PEMOB - LEMGU - VATRY, 18/10NM. **E LO-2/6C, E LO-3/2A.**

N863 redesignated M184, KOTEM (N5000.0 W00103.2) to AVANT. **EGLL 10-1, E LO-3/3AC.**

N866, GASGU (N5112.4 W00057.6) - Southampton VORDME (SAM), MEA FL90, cruising levels NON-standard, ODD levels S-bound. **EGLL 10-1.**

Q41, KUMIL (N5034.5 W00136.7) and ETRID withdrawn; THRED - NEDUL, 11NM; Southampton VORDME (SAM) - PEPIS, 15NM, MEA FL70. **EGLL 10-1, E LO-3/3AC.**

Q41, ORTAC (N5000.0 W00200.3) to THRED, MEA FL60. **E LO-3/3C.**

Q63, TIBGA NCRP estbld at N5223.4 W00527.1, LANPI - TIBGA - VATRY, 12/10NM. **E LO-2/6C, E LO-3/2A.**

Y76 redesignated Z291, RIMBU (N5142.4 E00209.7) to ERING; ERING to Detling VORDME (DET) withdrawn. **EGLL 10-1, E LO-3/3B4A.**

Cotswold CTA lower limit 5500'. **EGCC 10-1, EGLL 10-1, E LO-3/2B3A.**

EG(P)-106 withdrawn. **EGLL 10-1.**

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, E LO-3/2B3A.**

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, Works on TWYs N and S (based on SUP 25-16). During Phase 2 TWY N closed and during Phase 3 TWY S closed. Refer also to latest NOTAMs.

Aalborg, Denmark, (10-9) IFR Omnidirectional DEP amended: Unless otherwise instructed, when airborne contact Aalborg Approach on 123.975.

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

Amsterdam, Netherlands, (Schiphol), IAPs SRE Rwy 04, 06, 09, 18C, 18R, 22, 24, 27, 36C, 36R (charts 18-1, 18-1A) withdrawn.

Asturias, Spain, Interference in VES DME between 5 NM and 130 NM with possible signal loss in that interval.

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.

Badajoz, Spain, (Talavera La Real AB), (10-2) Due to unavailability of CCS VORDME, STAR CCS 1A is changed as follows:

Segment CCS - D25.0 VBZ: CCS VORDME replaced by OBIPA Int, direct to IAF Rwy 31 in coordination with Talavera TWR.

Banja Luka, Bosnia and Herzegovina, Rwy 35 approach lights changed to SALS 420m

Barcelona, Spain, (El Prat), Construction works on Ramp 1 (based on SUP 116-16). Refer to temp charts 10-8 thru 10-8B and latest NOTAMs.

Bari, Italy, (Palese), (10-4) Eff 5 Jan 17, refurbishing works take place at Palese Apt. During Phase 1 and 2 add paragraph Rwy Usage: 'MAX tail wind component allowed 5 KT'. During Phase 2 read first sentence of paragraph Run-up Tests as following: 'Every engine run-up will be carried out on TWY T between TWY E and TWY D, with the ACFT orientated "nose east". This position is accessible with follow-me car compulsory'. Refer also to latest NOTAMs.

WIP on RWY 07 and RWY 25 and on lighting AIDS. Refer to temporary yellow charts and latest NOTAMs. During Phase 2 all ILS or LOC approaches to RWY 07 and LCTR Y RWY 07 are suspended. During Phase 1 and Phase 2 take-off RVR raised to 550m.

Basle-Mulhouse, France, Works on TWYs (based on SUP 14-17). During Phase A: TWY D closed and stand F4 closed; During Phase B: TWY D closed, TWY B closed between TWY AB1 and TWY S, stands F1 thru F5 closed, TWY A available between TWY D and TWY AB1 with special instruction for code F ACFT (comply with ATC instructions). Refer also to latest NOTAMs.

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

Beauvais, France, (Tille), During PARIS Air Show a Temporary Prohibited Area (ZIT ROUGE, SFC - 5000'), a Temporary Restricted Area (ZRT BLEUE, SFC - FL080) and a Temporary Restricted Area (ZRT PARA, 5000' - FL130) created. For authorities to contact refer to temporary page LFPG 20-08J. Eff 13 Jun 17.

Benbecula, U.K., All IAPs (charts 13-1 thru 16-3): Procedure restriction note reads "Procedure interacts with danger areas EG(D)-701A, B, C, Y & Z, procedure available subject to ATC permission."

Bergen, Norway, (Flesland), (10-9) Maintenance work on RWY will cause nightly closure of APT in following periods: Monday 0130-0600 LT, Tuesday thru Thursday and Sunday 0030-0600 LT. The APT will remain open nights between Friday and Saturday and between Saturday and Sunday. RWY will periodically be closed either between TWY A1 and TWY A2, or between TWY A8 and TWY A9. During this closures, the full RWY length will not be available. For alternate TORAs see 10-9A. Due to the works complexity, use of the RWY cannot be expected during the hours of closure.

Bergerac, France, (Roumaniere), Construction works on Apron (based on SUP 265-16). Refer to temp charts 10-8/10-8A and latest NOTAMs.

Berlin, Germany, (Schonefeld), For construction works refer to temporary charts 20-8 and 20-8A and latest NOTAMs.

Beziers, France, (Vias), (10-1R) Several altitudes and sectors revised.

Blois, France, (Le Breuil), During activity of ZRT (based on SUP 95-17): IAP NDB Rwy 30 (16-1) suspended. Radio contact on 118.450 MHz is mandatory before entering the ZRT. Arrivals from Southwest are prohibited. Eff 23 Jun 17.

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

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), Twy W22 MAX wingspan 118' (36m).

EUROPE

- Burgos**, Spain, CAUTION: Electric towers of 100' AGL located 0.75 NM North of THR 22.
- Caen**, France, (Carpiquet), Twy B2 closed.
- Cambridge**, U.K., (10-9) Asphalt Rwy 05/23 is grooved.
- Cannes**, France, (Mandelieu), (10-1R) Several altitudes and sectors revised.
- Restrictions of use of airport implemented (based on SUP 39-17). Refer to temporary page 10-8 and latest NOTAMs. Expect heavy helicopter traffic.
- Celle**, Germany, (Celle Army), (10-3, 10-3B, 10-3C) Add IATA code: ZCN.
- Chambery**, France, (Aix-Les-Bains), (10-3/A) LOC course changed to 356°.
- Coburg**, Germany, (Brandensteinebene), Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.
- Cologne-Bonn**, Germany, 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.
- Coningsby**, U.K., (Coningsby AB), (18-1) TACAN PAR RWY 07 and (18-2) PAR or SRA RWY 07, DA(H) for PAR (3.00°) and PAR (2.50°) raised to CAT A 228' (210'), CAT B 238' (220'), CAT C 248' (230') and CAT D 258' (240'). VIS for CAT A & B with lights raised to 1200m. (18-3) TACAN PAR RWY 25 and (18-4) PAR or SRA RWY 25, DA(H) for PAR (3.00°) and PAR (2.50°) for CAT D raised to 234' (210'). CAUTION SRA shall read: Do not cross 3.0 NM RADAR FIX below 650' (626'). (11-1) ILS DME RWY 25 Circling VIS for CAT A & B raised to 1900m.
- Cork**, Ireland, (11-2, 13-4) OB NDB withdrawn.
- Dortmund**, Germany, (12-2) RNP Rwy 24 CAT C and CAT D DA(H) of LNAV raised to 820' (419'). CAT C RVR 1200m, ALS out RVR 1900m.
- 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.
- (12-2) RNAV (GNSS) Rwy 28 LPV minimums suspended.
- Construction works on Rwy 10/28 (based on SUP 013-16). Eff 13 Oct 2016. Refer to temp chart 10-8 and latest NOTAMs.
- Construction works take place from 0800-1900 and 2330-0530 LT on rwy 10/28. Refer to latest Notams.
- Dubrovnik**, Croatia, (Cilipi), RNAV (GNSS) RWY 12 (12-1) suspended (based on SUP 7/17). Refer to temporary procedure RNAV (GNSS) Z RWY 12 (12-01) and latest NOTAMs.
- Durham Tees Valley**, U.K., Warning note to read: "parachuting up to FL 150"
- Dusseldorf**, Germany, For construction work on apron West see 10-8 temporary chart and latest NOTAMs.
- Edinburgh**, U.K., Construction works on Apron. Refer to temp chart 10-8/10-8A and latest NOTAMs.
- Eggenfelden**, Germany, Airspace F replaced by RMZ, lower limit of controlled airspace lowered to 1000' AGL.
- Elefsis**, Greece, (10-9) Rwy 36 PAPI-L angle changed to 3.0°.
- Fagernes**, Norway, (Leirin), (10-9) Rwy 15/33 is grooved.
- Faro**, Portugal, Rehabilitation works will take place in three phases on Aprons SW and NW, and on TWYs A and B (based on SUP 002-2017). PHASE 1: WIP in TWY B, between stands 11, 13, 14, 16 and 18; no fuel available in stands 7, 9, 11 and 13. PHASE 2: WIP between stands 5, 6, 9 and 12. PHASE 3: WIP in TWY A between stands 2, 3, 4 and 5. Working areas will be blocked off from other active parts of movement area. Use CAUTION due to presence of marking, lighting and construction equipment. Refer also to latest NOTAMs.
- 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 AJ0 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.
- For construction works (SUP 002-17) refer to temporary charts 10-8 and 10-8A and latest NOTAMs.
- 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.
- Geilenkirchen**, Germany, (Geilenkirchen AB), Rwy 09/27 VASI chgd to PAPI angle 3.00°.
- 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.

EUROPE

Gloucestershire, U.K., (10-9) Rwy 04/22 width changed to 75'/23m.

Goteborg, Sweden, (Landvetter), (10-9B, 10-9C, 10-9D) Due to maintenance work on southern part of apron stands 30, 32, 34, 36, 68, 70, 72 and 74 are closed. Taxi route procedures to stand 38, 40, 41, 41A, 76 and 78 are not valid for arrival rwy 03 and departure rwy 21. Follow ATC instructions.

Hamburg, Germany, (Finkenwerder), (28-1) SRA 23 CAT D minimums raised to MDA(H) 740' (725'), 3100m, ALS out 3800m.

Hammerfest, Norway, Rwy 05/23 is grooved.

Hannover, Germany, Construction work from 20 MAR until 31 OCT 2017. Twy M will be connected to twy F. Twy F will be closed between twy G and the main apron. Twy L will have reduced minimum separation distances between the guideline and fixed obstacles. The separation distance between the twy centerline and the fence is 110'/33.5m. The taxi speed shall be adjusted accordingly. Code E acft will be guided by a follow-me vehicle. The large-scale construction work may cause visible accumulations of dust.

Stand 28 push-back required.

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

Haugesund, Norway, (Karmoy), Rwy 14/32 redesignated 13/31.

Helsinki, Finland, (Vantaa), For construction works on RWY 15/33 refer to temporary chart (10-8A) and latest NOTAMS. Eff 29 May 17.

For construction works refer to temporary chart 10-8 and latest NOTAMS.

Huesca, Spain, (Pirineos), REIL RWY 12R unserviceable.

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 (based on SUP 42/2017). Refer to temp charts 10-8/10-8A 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.

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°.

Kortrijk-Wevelgem, Belgium, KORTRIJK Radio service changed from AFIS to Basic Information.

Kristiansand, Norway, (Kjevik), Rwy 04/22 redesignated 03/21. IAPs NDB Rwy 04 (chart 16-1) and NDB Rwy 22 (chart 16-2) withdrawn.

Lakselv, Norway, (Banak), For construction works (SUP 11-17) refer to temporary chart 10-08 and latest NOTAMS.

Laupheim, Germany, (Laupheim Army), (18-1, 18-2) EFF 23 Aug 2012 LIMA Radar frequency chgd from 119.1 MHz to 120.45 MHz.

Le Mans, France, (Arnage), LE MANS Tower frequency withdrawn. LE MANS Information established, frequency 125.9 MHz, PTO. STAP available outside Info hr.

Lecce, Italy, (Lecce Mil), PAPI only on LEFT side of rwy 14 and rwy 32.

Leipzig-Altenburg, Germany, Lower limit of controlled airspace lowered to 1000' AGL.

Leknes, Norway, Rwy 03/21 redesignated 02/20.

Lelystad, Netherlands, Between 20 APR 2017 and 31 DEC 2017 the following applies:

IFR and VFR night operations are not allowed.

Instrument arrival and departure procedures not avbl.

Approach and runway lights not avbl.

AFIS not avbl.

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 002-17). 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 23L. 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)

Also refer 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.

EUROPE

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

(SID/STARs) NSA VORTAC u/s. P-RNAV STAR BUSEN 1P (10-2) and P-RNAV SIDs BUSEN 4P & 6P (10-3/3A) only available as RNAV (GNSS).

WIP for TWY restoration (based on SUP 11-16). Refer to temp charts 10-8/8A and latest NOTAMS.

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.

London, U.K., (Heathrow), For construction works (SUP 11-17) refer to temporary chart 10-8 and latest NOTAMS.

Trial RNAV APCHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 6-2017, eff 25 May 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.

London, U.K., (Stansted), (30-2B, 30-2C, 30-2S thru 30-2X) MSA based on ARP lowered btm 270°-360° inbound to 1700'.

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

Lossiemouth, U.K., (Lossiemouth AB), LOSSIE Approach 119.575 withdrawn.

Madrid, Spain, (Adolfo Suarez Madrid-Barajas), 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).

Due to unavailability of CCS VORDME, SIDs and RNAV SIDs are changed as follows:

CCS 1S (10-3D) - replace CCS VORDME by OBIPA Int;

CCS 1L & 1X (10-3E) - replace CCS VORDME by OBIPA Int;

BARDI 2K & 2T (10-3N) -RADAR assistance for segment AVILA - LONGA, or use RNAV SIDs BARDI 2X & 2L;

BARDI 2N & 5W (10-3N1) - RADAR assistance for segment AVILA - LONGA;

CCS 2B & 2V (10-3N2) - RADAR assistance for segment NVS - CCS;

CCS 1Q (10-3N2) - RADAR assistance for segment NVS - CCS, or use RNAV SID CCS 1S;

CCS 3N & 4W (10-3N3/3N4) -RADAR assistance for segment AVILA - LONGA - CCS;

CCS 1K & 1T (10-3N5) -RADAR assistance for segment AVILA - LONGA - CCS, or use RNAV SIDs CCS 1X & 1L.

Pavement refurbishment work will be conducted on TWY C5 (per SUP 021/17). Stands T1 and 70 closed. Section of TWY C5 abeam stand T1 closed. Turn from TWY I6 to TWY C5 not allowed. Stand 59: towed exit, push-back nosing NW on TWY C4, exit via TWY C4, I6, C3. Stand 71: push-backnosing SE, pull to abeam stand 72 and release, exit via TWY C3. CAUTION: The turn from TWY I7 to TWYC5 must be completed with engines at minimum power due to the presence of personnel in the work zone.

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

Works on TWYs A25 and A26 (based on SUP 45/2017). Refer to temp chart 10-8H and latest NOTAMS.

Madrid, Spain, (Torrejón), (30-3A) SIDs suspended due to unavailability of CCS VORDME.

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

Malta, Malta, (Luqa), Construction Works on Twy B. Refer to 10-8/10-8A chart and to latest Notams.

Manchester, U.K., (10-9) Construction works (based on SUP 013-17) at the Northwest end of TWYs D and N. Stands 74, 86L, 219 and 249 withdrawn from use. Stand 245 (N53 22.0 W002 17.2) reinstated.

Mehamn, Norway, Rwy 17/35 is grooved.

Melun, France, (Villaroche), During PARIS Air Show a Temporary Prohibited Area (ZIT ROUGE, SFC - 5000'), a Temporary Restricted Area (ZRT BLEUE, SFC - FL080) and a Temporary Restricted Area (ZRT PARA, 5000' - FL130) created. For authorities to contact refer to temporary page LFPG 20-08J. Eff 13 Jun 17.

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

Montijo, Portugal, (Montijo AB), (10-9) Only Twy A1 usable for jet ACFT.

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

Twys A2 and E closed.

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

EUROPE

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

PAPI-L Rwy 30R (angle 3.00°) available.

Mora, Sweden, (Sijjan), (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 Mil), 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')

Nice/Cote D'Azur, France, (10-1P1) Operation of "Use of Mode S transponder on the ground" cancelled.

VOR B Rwy 22L/R (13-2/13-2A), VPT B Rwy 22L/R (13-2B), VOR C Rwy 22L/R (13-3/13-3A) and VPT C Rwy 22L/R (13-3B) MDA(H) raised to 1700' (1688') VIS 8 km. No descent below 1700' before the MAP. Expect heavy helicopter traffic. Eff 27 May 17.

Nimes, France, (Garons), (10-1R) Several altitudes and sectors revised.

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

Norvenich, Germany, (Norvenich AB), PAR or SRA RWYs 07, 25 (18-1) SRA 07 MDA(H) reads 760' (378'), SRA 25 MDA(H) reads 680' (351').

Nurnberg, Germany, (10-1P) Paragraph 1.2., reference to 10-4 chart to be ignored.

(10-3D/E, F/G, M/N, P/Q) Text note 2, reference to 10-4 to be ignored.

Orebro, Sweden, (10-9) Rwy thresh 01 and 19 are temporarily displ by 328'/100m. New take-off positions are marked and valid for take-off only.

Orland, Norway, (Orland AB), (10-9) Rwy closed for civil traffic except VFR traffic with prior permission. Civil traffic with prior permission shall use TWY Y for departure and arrival. (11-1) ILS or LOC RWY 15, ILS RWY 15 suspended (LOC RWY 15 available). (11-2) ILS or LOC RWY 33 suspended. Eff 03 Apr 17.

(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.

Osijek, Croatia, (Klisa), (11-1/11-2) ILS Z and Y RWY 29 suspended.

Oslo, Norway, (Gardermoen), (10-3B/C, F/G, K/L, M/N, P/Q) General restriction note revised. Read 'Enroute cruising level will be issued after take-off by OSLO Approach or NORWAY Control'.

Construction works on apron, refer to temp chart 10-8A and latest NOTAMs.

Oulu, Finland, Construction work on RWY 12 (based on SUP 30/17) with temporary closure of RWY, TWY and stands. Refer to temp chart 10-8. ILS approaches RWY 12 will for longer periods be suspended. Temp procedures established. For details refer to temp charts 10-2A1, 10-2C1, 10-2E1, 10-2G1, 10-2J1, 10-3A1, 10-3C1, 10-3E1, 10-3H, 10-4B, 12-01, 13-01 and latest NOTAMs. EFF 27 Apr 17.

Ovar, Portugal, (Ovar AB), (10-3A) SIDs VIS 1N/1S suspended. VIS VORDME u/s, waypoint DIKMO established at same position. Refer also to latest NOTAMs.

Palma De Mallorca, Spain, (10-3K) Procedure note 2. should read Rwy 24R instead of Rwy 25R.

WIP for access TWYs to THR 24R (based on SUP 19-17). Refer to temporary charts 10-8E and 10-8F and latest NOTAMs.

WIP in RWY 06L/24R area (based on SUP 96-16). Refer to temporary chart 10-8G and latest NOTAMs.

Paris, France, (Charles-De-Gaulle), Operational evaluations of runway status lights system on rwy 08L/26R and 09R/27L (based on AIC A 05/17). For details refer to temp pages 20-08B, 20-08C, 20-08D, 20-08E and latest NOTAMs.

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.

Works on Twy G3 (based on SUP 16-17). Refer to temp chart 20-08F and latest NOTAMs.

Works on TWY Q (based on SUP 36/17). Refer to temp chart 20-08 and latest NOTAMs.

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 TWY LF, W1, W4 and W34 (based on SUP 006-17). Refer to temporary chart 10-8B and latest NOTAMs.

EUROPE

- During PARIS Air Show a Temporary Prohibited Area (ZIT ROUGE, SFC - 5000'), a Temporary Restricted Area (ZRT BLEUE, SFC - FL080) and a Temporary Restricted Area (ZRT PARA, 5000' - FL130) created. 100LL fuel distribution unavailable. AD only for use by multi-engined ACFT flying under IFR. Traffic peak hours to avoid:
ARR 0500 - 0630 and 1600 - 1930, DEP 0600 - 0730 and 1700 - 1900. For authorities to contact refer to temporary page LFPG 20-08J. Eff 13 Jun 17.
- For construction works on Apron refer to temporary chart 10-8A (based on SUP 007-17) and latest NOTAMs.
- For construction works on Apron refer to temporary chart 10-8A (based on SUP 068-17) 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 apron, stands and access TWY to TWY W1 (based on SUP 246-16) created. Refer to temporary chart 10-8 and latest NOTAMs.
- Pau/Pyrenees**, France, On chart 11-1 ILS Z/Y or LOC Z/Y Rwy 31 (FINAL APCH) and on chart 16-1 NDB Z or Y Rwy 31 (FINAL APCH) - SMA between PU NDB and D3.5 PYR raised from 1150' to 1250'.
- 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.
- Perpignan**, France, (Rivesaltes), (10-1R) Several altitudes and sectors revised.
- Pontoise**, France, (Cormeilles-En-Vexin), During PARIS Air Show a Temporary Prohibited Area (ZIT ROUGE, SFC - 5000'), a Temporary Restricted Area (ZRT BLEUE, SFC - FL080) and a Temporary Restricted Area (ZRT PARA, 5000' - FL130) created. For authorities to contact refer to temporary page LFPG 20-08J. Eff 13 Jun 17.
- Porto Santo**, Portugal, MADEIRA Approach 119.6MHz is PTO.
- 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), (STARs) All waypoints considered to be compulsory.
- Roros**, Norway, PAPI Rwy 14 restriction reads as follows: Terrain penetrates OBST protection surface with 17/5m, on the outermost part of the SW side, D1.5 RO.
Rwy 14/32 is grooved.
- Salon**, France, (Salon AB), Airport and location name changed to Salon de Provence.
- Sandane**, Norway, (Anda), Rwy 09/27 redesignated 08/26. PLASI-L Rwy 08 restriction reads "Dual PLASI, visible in sector 256°-296°. Not to be used outside D1.6 AD DME."
- 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.
- Scatsta**, U.K., (10-1R) Trans alt chgd to 3000'. Rwy 24: PAPI angle 4.00°, MEHT 29'.
- Seinajoki**, Finland, RNAV (GNSS) Rwy 32 (12-2) Waypoint ULRAB to read as ULRAT.
- Shannon**, Ireland, (10-9) Construction works (based on SUP 3-17) on RWY 06/24 during nighttimes. CAT II unserviceable for duration of the works. Outside of working hours RWY centerline lights will not be available and temporary surfacing will be in place on portions of the working area. Refer to latest NOTAMs.
- 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.
- St.-Etienne**, France, (Loire), (10-2A) Due to renewal, LSE VORDME is temporary u/s. VMP VORDME (117.2 MHz, N45 44.7 E005 05.5) supersedes LSE VORDME.
STAR LSE 7 renamed VMP 7. The DME radial and distances remain unchanged.
Also refer to latest NOTAMs.
- Stockholm**, Sweden, (Bromma), All twys limited to MAX 15kt.
For construction works refer to temporary charts 20-08, 20-08A, 20-08B, 20-08C and latest NOTAMs.
- Strasbourg**, France, (Entzheim), Charts 11-2, 13-2: For IAPs ILS or LOC Rwy 23 (Final apch) and VOR Rwy 23 (Final apch) ballnote 5 reads "Outside LVP conditions 2500' FAF interception with ATC clearance, only for proven safety reasons or after Missed apch."
- Stuttgart**, Germany, For construction works (SUP 005-17) refer to temporary chart 10-8 and latest NOTAMs.

EUROPE

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

Tanagra, Greece, (13-1) Ufn IAP VOR DME Rwy 28C suspended.

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 temp charts 10-8 and 10-8A and 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, (Franczal), RWYs 11 and 29 PAPI-L (3.00°) installed.

Toussus-Le-Noble, France, During PARIS Air Show a Temporary Prohibited Area (ZIT ROUGE, SFC - 5000'), a Temporary Restricted Area (ZRT BLEUE, SFC - FL080) and a Temporary Restricted Area (ZRT PARA, 5000' - FL130) created. For authorities to contact refer to temporary page LFPG 20-08J. Eff 13 Jun 17.

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

Trondheim, Norway, (Vaernes AB), Construction works on eastern part of RWY (based on SUP 002-17). Temp procedures established (11-01) ILS Z or LOC Z RWY 27, (11-02) LOC X RWY 27, (11-03) LOC W RWY 27, (12-01) RNAV (GNSS) A Rwy 27 and (12-02) RNAV (GNSS) B. For details refer to temp chart 10-8 and latest NOTAMS.

Vadso, Norway, Rwy 08/26 redesignated 07/25.

Vienna, Austria, (Schwechat), (10-3D) KOXER 1C: Read distance between WW296 and WW286 as 8.7 NM.

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

Vigo, Spain, (SID/STARs) VGO VORDME temporarily u/s and replaced by waypoint RUTUD at same position. Due to unavailability of VGO VORDME all departures (10-3/3A) not usable. Alternative procedures are for RWY 01 contingency departure as currently published on chart 10-3A, for RWY 19 new contingency departure has been established as follows: Climb on 204° heading to 4700', turn by following ATC instructions. Minimum climb gradient 7.4%. All arrivals (10-2/2A) are not usable except STARs (10-2) when RADAR assistance is provided. Refer also to latest NOTAMS.

VGO VORDME temporarily unavailable (based on SUP 092-16). Charts: ILS Z or LOC Z Rwy 19 (11-1), CAT II/III ILS Z Rwy 19 (11-1A), VOR Rwy 19 (13-1) and NDB Z Rwy 01 (16-1) are not usable. Refer also to latest NOTAMS.

Vila Real, Portugal, ALS Rwy 02 out of service (based on SUP 05-17).

Villacoublay, France, (Velizy AB), During PARIS Air Show a Temporary Prohibited Area (ZIT ROUGE, SFC - 5000'), a Temporary Restricted Area (ZRT BLEUE, SFC - FL080) and a Temporary Restricted

Area (ZRT PARA, 5000' - FL130) created. For authorities to contact refer to temporary page LFPG 20-08J. Eff 13 Jun 17.

IATA code is VIY.

Visby, Sweden, (10-9) Due to construction works TWY M closed partly. Northern part: In level with stand 8, to west of holding point RWY 21 on TWY C and at holding point RWY 21 on TWY M. Southern part: South of TWY A to holding point RWY 03.

Vojens/Skrydstrup, Denmark, (Vojens/Skrydstrup AB), (11-3) ILS or LOC Z Rwy 10L. Stepdownfix altitude at D2.0 SKR TAC raised to 1160'.

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.

Wiesbaden, Germany, (Wiesbaden AB/AAF), THE FOLLOWING PROCEDURES UNUSABLE UFN DUE TO NAVID MAGVAR SHIFT: 30-3 (MASIR & TABUM 2W DEPS), 30-3A (MASIR, RID, SOBRA, TABUM & UBENO 2X DEPS), 30-3B (RID, SOBRA & UBENO 2W DEPS).

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

Zagreb, Croatia, (Pleso), New APRON on Airport area (based on SUP 006/2017). Refer to temp chart 10-8 and latest NOTAMS.

Zaragoza, Spain, (18-1) PAR and SRE approach to all RWYs not available (based on SUP 06-17).

ABN out of service. (Based on SUP 06-2017)

Zurich, Switzerland, (10-9A) PAPI-L rwy 32 withdrawn.

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.