

## EUROPE

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

**ENROUTE CHARTS****GENERAL**

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

**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, E LO-9.**

**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.**

ETROK estbld at N4732.5 E01322.9. **EDDM 10-1, E LO-12/6A.**

KONUG estbld at N4723.1 E01310.1. **EDDM 10-1, E LO-12/6A.**

**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.**

H34, BAGAD (N4735.0 W00252.9) to ROSPO, CDR 1. **CCN 309.**

R14, Dinard Pleurtuit Saint Malo (DIN) to Rennes Saint Jacques VORDME (REN), chgd to two-way; REN to Nantes Atlantique VORDME (NTS), chgd to one-way S-bound. **CCN 309.**

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.**

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

LYON SAINT EXUPERY VORDME (LSE) freq/ident chgd to (VMP) 117.2, until 16 Aug 17. **LSSG 10-1, LFLLL 10-1, E LO-5/5B, E LO-4/9C.**

## EUROPE

## GERMANY

## ATS ROUTES changed:

L23, TIMIB NCRP estbl'd 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.**

M867, TAKEX NCRP estbl'd at N4806.4 E01155.1, Munich VORDME (MUN) - TAKEX - VAVOR, 6/14NM. **EDDM 10-1, E LO-12/5B.**

N850, BAGOS (N5434.4 E01116.2) to NIGAD, CDR status withdrawn.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

N871, SUGIB NCRP estbl'd at N4732.6 E01104.2, RILBU NCRP estbl'd at N4738.7 E01130.4, GAPTO - SUGIB - KOGOL - RILBU - TULSI, 13/14/5/12NM. **EDDM 10-1, E LO-4/10B, E LO-12/5B.**

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.**

P71, TERBO (N5153.7 E00635.3) to VEBAK realigned, TERBO - PISAP NCRP at N5147.6 E00638.4, 160°, 6NM. **E LO-3/5A.**

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, DODIL (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.**

T883 SOBTU (N5141.9 E00632.9) replaced by PISAP NCRP at N5147.6 E00638.4, PISAP - ROTEK, 242°, 22NM. **E LO-3/5A.**

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.**

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, E LO-11/1C.**

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.**

Y225, MAGDA (N5051.5 E01118.4) renamed NEVKO. **E LO-11/1D.**

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 estbl'd at N5108.7 E00609.9; NETEX - ZELTI, 12NM; ZELTI - MODRU, 8NM, one-way S-bound. **EBBR 10-1.**

Z717, IRBUP NCRP estbl'd 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 estbl'd, 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.**

Z850, TURUX NCRP estbl'd at N5152.5 E00654.7, PISAP NCRP estbl'd at N5147.6 E00638.4, SUVOX - TURUX, 9NM; TURUX - PISAP, 243°, 11NM; PISAP - SOBTU, 243°, 7NM; extended, SOBTU - VEBAK NCRP, 206°, 16NM; VEBAK - Lima NDB (LMA) NCRP, 160°, 6 NM, cruising levels NON-standard, EVEN levels S-bound; SOBTU to LMA, MEA 4000, MAA FL200, one-way S-bound. **E LO-3/5A.**

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

BESKO (N5214.7 E01406.2) renamed OBANI. **E LO-10/8C, E LO-11/2AB.**

GORIG (N5219.0 E01405.3) renamed IDOBA. **E LO-10/8C, E LO-11/2AB.**

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

## EUROPE

## GREECE

## ATS ROUTES changed:

- A/UA145, ANEPI NCRP estbl'd at N3724.4 E02211.7 and BERAP NCRP estbl'd at N3724.7 E02137.8; Tripolis VORDME (TRL) - ANEPI - BERAP - RESPA, 7/27/32NM. **E LO-14/9C.**
- J61, IPTAG NCRP estbl'd at N3718.2 E02214.7; Tripolis VORDME (TRL) - IPTAG - Kalamata VORDME (KAM), 8/18NM. **E LO-14/9C.**
- L/UL604, DILMO (N3607.0 E02308.6) to SALUN, should read one-way S-bound. **E LO-14/9CD.**
- L53, BINKI NCRP estbl'd at N3622.4 E02555.0; TIPAS - BINKI - MADEX, 50/30NM. **E LO-14/9D10C.**
- L612, APSOG (N3901.5 E02008.9) withdrawn; EKVIS - ORTOS, 37NM; IXIMA to Sitia VORDME (SIT), CDR 1. **E LO-14/8BD9CD.**
- L612, Araxos VORDME (ARA) - Tripolis VORDME (TRL), should be one-way SE-bound. **E LO-14/9C.**
- M601, UVRIT NCRP estbl'd at N3636.5 E02549.8; MADEX - UVRIT - ASTIS, 21/20NM. **E LO-14/9D10C.**
- N/UN137, ANTA (N3348.0 E02816.0) to Karpathos NDB (KRC), withdrawn. **E LO-14/10C.**
- N138, Kerkira VORDME (KRK) - EPIRU, withdrawn. **E LO-14/8B.**
- P169, Athens VORDME (ATV) to Souda VORDME (SUD), CDR 1. **LGAV 10-1.**
- W58, GOVOK NCRP estbl'd at N4021.8 E02134.6; Kastoria VORDME (KAS) - GOVOK - Kozani VORDME (KOZ), 15/13NM; Skopelos VORDME (SKP) to KOROS, MEA 10000'. **E LO-14/9AB.**
- ERITI (N3607.4 E02524.3) renamed GIVIS. **E LO-14/9D.**

## ITALY

## ATS ROUTES changed:

- L5, IDLOL CRP estbl'd at N4230.2 E01355.7; ATRUP - IDLOL, 17NM; IDLOL - NAVAG, 9NM, MEA FL110. **E LO-13/2D.**
- 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 estbl'd at N4115.1 E00921.6; OKIDO - RUGOX - MADKA, 319°, 33/6NM, MAA FL330; SUKUN to MADKA, CDR 3. **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.**
- M859 Genoa VORDME (GEN) - LAGEN MEA FL110 (ufn). **LIMC 10-1, E LO-5/6B, E LO-13/1A.**
- T345, ABULO (N4534.5 E00659.7) - LURAG, MEA FL190, chgd to one-way-SE-bound. **LIMC 10-1, E LO-4/9D.**
- Z924, ATPIT NCRP estbl'd at N4214.8 E01352.3, UTAPO - ATPIT - ASPIR, 16/7NM. **E LO-13/2D.**
- ORVID (N4211.3 E01344.3) renamed ASPIR. **E LO-13/2D, E LO-14/7B.**
- 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:

- N872, KUDAD NCRP estbl'd at N5140.0 E00434.1, LARAS - KUDAD - WOODY, 11/17NM. **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 estbl'd; 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.**
- WESTCOAST TMA divided in Flesland TMA and Sola TMA. **E LO-1/3BD.**

## POLAND

## ATS ROUTES changed:

- L32, GOLAD (N5420.0 E02210.5) chgd to CRP; GOLAD - Suwalki VORDME (SUW), MAA withdrawn, upper limit FL660; Suwalki VORDME - SOTET, MEA FL100. **E LO-10/9D.**
- 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 estbl'd 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.**
- L623, LENOV (N4920.2 E02100.6) to VAVEL, MEA FL120. **E LO-11/3D4C.**
- L856, EKRL (N5044.8 E02121.7) - BABKO, MEA FL120. **E LO-11/3D4AC.**
- L856, IXOGA NCRP estbl'd at N5122.0 E02227.7, TOSPO - IXOGA - LODBO, 60/29NM. **E LO-10/9D, E LO-11/4AB.**
- L984, NOMIX (N4956.4 E01855.4) to LUXAR, MEA FL120. **E LO-11/3D4C.**
- L999, DOGIG NCRP estbl'd at N5049.4 E02205.2, OBOSO - DOGIG - BIGLU, 18/77NM. **E LO-11/4ABC.**
- L999, SUPAK (N4918.2 E01948.0) to OSBUG, MEA FL130. **E LO-11/3D4C.**
- 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

M866, BABKO (N4936.7 E01928.2) - XEVLU, MEA FL110. **E LO-11/3D.**

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

M985, MEBAN (N4927.3 E01938.8) to VAVEL, MEA FL110. **E LO-11/3D.**

N133, GOSAK (N5033.5 E02018.3) - LENOV, MEA FL120. **E LO-11/4C.**

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.**

Q34 estbld; SUPAK CRP (N4918.2 E01948.0) - IVNER CRP at N5107.1 E02351.4, 049°, 191NM, MEA FL150, upper limit FL660, one-way NE-bound, CDR1. **E LO-11/3D4BCD.**

Q35 estbld; TOLPA CRP (N5118.2 E02338.8) - BABKO CRP, 233°, 190NM, MEA FL150, upper limit FL660, one-way SW-bound, CDR1. **E LO-11/3D4ABC.**

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

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, E LO-10/8CD9CD.**

Q800, BILRA (N5446.5 E01420.3) - POKEN, withdrawn. **E LO-8/7C, E LO-10/8C.**

T224 estbld; KUNER CRP (N5515.5 E01826.9) - BUNOS NCRP at N5459.4 E01810.9 - OGDVAV NCRP, 204°, 19/13NM, one-way SW-bound, MEA FL100, upper limit FL660, CDR 1. **E LO-10/8BD.**

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.**

T282 estbld; POBIG NCRP (N5050.1 E02143.2) - GACDU NCRP, 083°, 13NM, MEA FL110, upper limit FL660, one-way E-bound. **E LO-11/4A.**

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-11/3D4AC.**

T375, MEBAN (N4927.3 E01938.8) - ROXUG, MEA FL120. **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, one-way SW-bound; 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, ATMMEV - OSNON - MAPIK, 19/12NM; ATMMEV - OSNON, CDR 1. **E LO-11/3CD.**

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

Y41, KARTI (N5418.0 E01812.5) to LARMA chgd to one-way NW-bound. **E LO-8/7D, E LO-10/8BD.**

Z127, XEVLU (N5005.7 E01954.8) to TUSIN, MEA FL120. **E LO-11/3D.**

Z131, BANUB (N5427.7 E01417.8) - GOSOT, withdrawn. **E LO-8/7C, E LO-10/8C.**

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

Z212, BANUB (N5427.7 E01417.8) - POKEN, withdrawn. **E LO-8/7C, E LO-10/8C.**

Z493, BILRA (N5446.5 E01420.3) - XELOL, MEA FL110, chgd to one-way SE-bound. **E LO-8/7C, E LO-10/8C.**

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

## PORTUGAL

NISA VORTAC (NSA) replaced by IPSIK CRP at same position, until 16 Aug 17. **E LO-6/7B.**

UISEU VORDME (VIS) replaced by DIKMO CRP at same position, until 16 Aug 17. **E LO-5/1D (to-note), E LO-6/7B.**

## 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-14/8B.**

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.**

## EUROPE

## 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) - UDREL, MEA 7000'. **E LO-11/3D4C.**

## SPAIN

## ATS ROUTES changed:

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

## TURKEY

## ATS ROUTES changed:

- L854, MARMA (N4031.6 E02738.9) to KULAR, MEA FL110. **E LO-14/10A.**
- R32, LASON NCRP estbld at N3823.1 E02727.2; Izmir VORDME (IMR) - LASON - VAKUM, 21/39NM; VAKUM - Kula VORDME (DEN), 074°/254°. **E LO-14/10AC.**
- T54, LASON NCRP estbld at N3823.1 E02727.2; Izmir VORDME (IMR) - LASON - VAKUM, 21/39NM. **E LO-14/10AC.**
- T238 estbld; OKESA (N3737.8 E02723.2) CRP - Cildir VORDME (CLD) CRP, 061°/241°, 27NM, MEA FL70; Cildir VORDME - UVTOL CRP at N3746.1 E02818.8 - LAVTA CRP at N3743.3 E02842.2, 094°/274°, 20/19NM, MEA FL100. **E LO-14/10C.**
- T241 estbld; Kula VORDME (DEN) CRP - NODKO CRP at N3813.2 E02816.1 - Cildir VORDME (CLD) CRP, 212°/032°, 27/30NM, MEAs FL110/FL90; Cildir VORDME - AKBUK CRP, 224°/044°, 28NM, MEA FL70. **E LO-14/10AC.**
- Y/UY371 estbld; DUGLA NCRP (N3929.9 E02713.5) - MARMA NCRP, 012°/192°, 65NM, MEA FL110, cruising levels NON-standard, EVEN levels NE-bound. **E LO-14/10A.**
- Y/UY372 estbld; OKESA NCRP (N3737.8 E02723.2) - LASON NCRP at N3823.1 E02727.2 - NEVGI NCRP at N3950.1 E02735.1 - MARMA NCRP, 359°/179°, 45/87/42NM, MEA FL110. **E LO-14/10AC.**
- CILDIR VORDME (CLD) 113.85 cmsnd at N3748.9 E02753.8. **E LO-14/10C.**

## 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.**

## 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: LFL, 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.

## EUROPE

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, 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

### 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

**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.

**Ancona**, Italy, (Falconara), (10-3/3A/3D/3E) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following SID crossings raised FL125: for ERLIT 5H/5J/5K/5N/5P at ERLIT. Eff 01 Aug 17.

**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.

**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.

**Bergamo**, Italy, (Orio Al Serio), (10-3S, 10-3T, 10-3U) RNAV 1 SIDs published on TRIAL basis, valid from 22 JUN 2017 until 03 JAN 2018 estimated, for details refer to TEMP charts.

**Berlin**, Germany, (Schonefeld), Construction works on Rwy 07L/25R. Rwy 07L/25R will be closed for take-offs and landings. For take-off and landings Rwy 07R/25L will be opened. Refer to temp charts 20-8 thru 20-8C and temp procedures: ILS or LOC Rwy 07R (21-01), CAT II/III ILS Rwy 07R (21-01A), ILS or LOC Rwy 25L (21-02), CAT II/III ILS Rwy 25L (21-02A), RNAV (GPS) Rwy 07R (22-01) and RNAV (GPS) Rwy 25L (22-02) and latest NOTAMS. For construction works on TWY C refer to temporary charts 20-8D and 20-8E and latest NOTAMS.

RWY 07L/25R closed due to construction works on rwy. South Rwy will be used with designation 07R/25L. Refer to SID/STAR charts 20-2H thru 20-3V and latest NOTAMS.

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

**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).

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

## EUROPE

- Caen**, France, (Carpiquet), Twy B2 closed.
- Calvi**, France, (St Catherine), (10-9) Rwy 18/36 width changed to 148/45m.
- Cannes**, France, (Mandelieu), (10-1R) Several altitudes and sectors revised.
- 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°.
- Chateaudun**, France, (Chateaudun AB), Twy G prohibited for acft with wingspan of more than 72/22m. Acft with code letter B are allowed to use twys B and C only.
- Coburg**, Germany, (Brandensteinsebene), 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.
- Cork**, Ireland, (11-2, 13-4) OB NDB withdrawn.
- Cranwell**, U.K., (10-1R) Sectors and altitudes revised. Chart will be updated with revision 21 JUL 17.
- 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 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.
- 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 AJO 3T & BTA 3T established. Refer to temp charts 10-3A1 & 10-1S3 and latest NOTAMS.
- Florence**, Italy, (Peretola), (10-2B/2C/2K/2L) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following STAR MEAs raised to FL90: for IBRID 1P between IBRID-RQ417, for IBRID 1Q between IBRID-RQ416, for IBRID 1D/1X between IBRID-KUGIX.
- (10-2) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following STAR MEAs raised to FL110: for GAVRA 1R between GAVRA-IBRID, for GAVRA 1T between GAVRA-PRT.
- (10-2F/2G) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following STAR MEAs raised to FL130 for GAVRA 2P/2Q between GAVRA-RQ412.
- (10-3B) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following SID crossings raised FL110: for GAVRA 5A at PRT R-092/D6. Eff 01 Aug 17.
- 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.
- 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.
- Gloucestershire**, U.K., (10-9) Rwy 04/22 width changed to 75/23m.

## EUROPE

- 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.
- 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.
- Helsinki**, Finland, (Vantaa), For construction works on RWY 15/33 refer to temporary chart (10-8) and latest NOTAMS.
- Huesca**, Spain, (Pirineos), REIL RWY 12R unserviceable (based on SUP 51-17).  
REIL RWY 30L unserviceable (based on SUP 57-17).
- 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 94/2017). 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.
- Lakselv**, Norway, (Banak), For construction works (SUP 25-17) 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.
- Lecce**, Italy, (Lecce Mil), PAPI only on LEFT side of rwy 14 and rwy 32.
- Leeming**, U.K., (Leeming AB), IAPs ILS DME Rwy 16 (chart 11-1), TACAN ILS DME Rwy 16 (11-2), TACAN Rwy 16 (14-1), TACAN Rwy 34 (14-2), TACAN PAR Rwy 16 (18-1), TACAN PAR Rwy 34 (18-3): CAUTION-note reads "TACAN multiple unlocks between R-034 LEE TAC and R-146 LEE TAC and between R-214 LEE TAC and R-326 LEE TAC."
- Leipzig-Altenburg**, 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.  
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.  
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.



## EUROPE

(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).

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

Ufn ATIS out of service.

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

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

**London**, U.K., (Heathrow), (10-9) Rapid exit TWY N6 west of TWY N6E reopened and suitable for all acft movements up to and including code F acft. TWY N6E closed.

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

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.

**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.

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

**Milan**, Italy, (Linete), Refurbishing works and implementation of new de-icing area on North Apron. Refer to temp charts 20-8/20-8A and latest NOTAMs.

**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.

## EUROPE

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

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

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

**Mosjoen**, Norway, (Kjaerstad), Due to resurfacing of the RWY, TWYs and apron (based on SUP 21-17) aerodrome will be closed for all traffic. Eff 30 Jul 17.

**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.

**Murcia**, Spain, (San Javier), IAPs ILS Z or LOC Z Rwy 23L (chart 11-4), ILS Y or LOC Y Rwy 23L (11-5), VOR Z Rwy 23L (13-4), VOR Y Rwy 23L (13-2), VOR X Rwy 23L(13-3), HI-VOR Rwy 23L (13-5), TACAN Z Rwy 23L (14-2), TACAN Y Rwy 23L (14-3), TACAN X Rwy 23L (14-4), HI-TACAN Rwy 23L (14-5): CAT B circle-to-land visibility reduced to 1600m.

**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')

**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 Rwy 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.

**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 31/17) with temporary closure of RWY, TWYs 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 12-01, 13-01 and latest NOTAMS.

Construction work on RWY 30 (based on SUP 87/17) with temporary closure of RWY and TWY E. 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, 12-02, 13-02 and latest NOTAMS. EFF 20 Jul 17.

Temporary closure of RWYs 12/30 and 12C/30 (based on SUP 56-17). RWYs are not in use for take off or landings. The other parts of the movement area (TWYs, apron) are not in use for air traffic excluding apron 3, which is available for helicopters.

**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, Construction works of apron PIER C (based on SUP 061-17). Refer to temp chart 10-8A and latest NOTAMS.

Reconstruction works of apron PIER B (based on SUP 060-17). Refer to temp chart 10-8 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 16/17). 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.

RNAV SIDs RWYS 08L/R, 09L/R: These SIDs require a climb gradient of 5.5% up to FL150.

SIDs 20-3V3, 20-3V4, 20-3V8, 20-3W, 20-3X3, 20-3X4: These SIDs require a climb gradient of 5.5% up to FL150.

Works on de-icing bays of THR 26R, closure of TWYs (based on SUP 116-17). Refer to temp chart 20-08 and latest NOTAMS.

## EUROPE

- Works on Twy D, B, DA1, MD2 & Y3 (based on SUP 093-17). Refer to temp chart 20-08G and latest NOTAMS.
- Works on Twy G3 (based on SUP 16-17). Refer to temp chart 20-08F 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), During suspension of ILS or LOC Rwy 26 (11-5/11-5A) refer to temp procedures ILS Z or LOC Z Rwy 26 (11-01/01A) and ILS Y or LOC Y Rwy 26 (11-02/11-02A) (based on SUP 91/17). Refer also to latest NOTAMS.
- (Eff 22 Jun 17) During closure of RWYS 06, 24 and when RWY 20 is used for take-off, the delivery controller will give a 6A (WL) or 6B (IPOW) SID instead of 6Q and 6T.
- For temporary procedures refer to charts 10-3A1, 10-3C, and 10-3X01 through 10-3X16. Refer to 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.
- Works on taxiways to and from RWY 06/24, runway closed (based on SUP 114-17). Refer to temp chart 10-8 and 10-8A and latest NOTAMS. Eff 24 Jul 17.
- Pau/Pyrénées**, 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.
- Perugia**, Italy, (San Egidio), From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition refer to temp charts 10-2B thru 10-2E, 10-3F thru 10-3M and latest NOTAMS. Eff 01 Aug 17.
- Pescara**, Italy, (10-2E/2G) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following STAR MEAs raised to FL130: for ATRUP 1N between ATRUP-PES R-257/D7, ATRUP 1P/1Q between ATRUP-077° bearing to PES/D7 PES.
- (10-3/3A/3D/3E) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following SID crossings raised FL125: for ASPIR5F/5G at PES R-231/D7, for ASPIR 5H/5J at 231° bearing from PES/D7 PES. Eff 01 Aug 17.
- Porto Santo**, Portugal, MADEIRA Approach 119.6MHz is PTO.
- Ramstein**, Germany, (Ramstein AB), (11-1, 11-2, 11-3, 11-3A, 11-4, 12-1, 12-2) Maximum holding altitude 5000 feet
- 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), (20-2C/2E) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following STAR MEAs raised to FL130: for GITOD 4F/1G between GITOD-TIBER, for MOPUV 2F between MOPUV-PEMAR, for MOPUV 3G between MOPUV-RA413.
- (20-3/3P) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following SID crossings raised FL125: for OKUNO 7G/5Z at PEMAR. Eff 01 Aug 17.
- SIDs RWY 15 suspended. Temporary SIDs RWY 15 established on trial basis. Refer to temp charts and latest NOTAMS.
- Rome**, Italy, (Fiumicino), (10-2/2C/2D/2E/2H/2L/2M/2T/2V/2X/2X1/2X8) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following STAR MEAs raised to FL130: for MOPUV 1A/1B/1E/1P/1Q between MOPUV-RF412, for MOPUV 1C between MOPUV-LAT, for MOPUV 1D between MOPUV-BASBU, for RITEB 1A/1C/1P/1R between RITEB-LIGBU, for RITEB 1B/1D between RITEB-IPLEK, for RITEB 1Q between RITEB -TAQ.
- (10-3V/3W) From 1 August until 12 August and from 14 August until 20 August 2017 due to gliding competition following SID crossings raised FL125: for OKUNO 5A/6B/5C at RF513, for TIBER 7A/6B/5C at RF516. Eff 01 Aug 17.
- 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.
- 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.
- 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.
- Scatsta**, U.K., (10-1R) Trans alt chgd to 3000'. RWY 24: PAPI angle 4.00°, MEHT 29'.

## EUROPE

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

**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.

**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 DAMDA(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.

**Stuttgart**, Germany, For construction works (SUP 005-17) refer to temporary chart 10-8 and latest NOTAMs.

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

**Tampere**, Finland, (Pirkkala), (10-9) Construction works (based on SUP 104-17) close to TWYs E and F in progress. TWYs E and F are not in use.

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

**Trapani**, Italy, (Birgi Mil), Twy B restricted to civil acft with MAX wingspan of 78'/24m.

**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.

**Valladolid**, Spain, (Villanubla), Works on Airport Area (based on SUP 35-17, eff 22 JUN 17 based on SUP 62-17). Refer to temp charts 10-8/10-8A and latest NOTAMs.

**Vardo**, Norway, (Svartnes), Due to extensive construction work and resurfacing of the RWY, TWY and apron airport will be closed for all traffic between 27 JUL 1300LT and 31 JUL 0500LT.

**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, 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 38-17).

**Villacoublay**, France, (Velizy 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.

**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.

**Zagreb**, Croatia, (Pleso), 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.

---

**EUROPE**

**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.