

## 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.

**BOSNIA AND HERZEGOVINA / CROATIA / SERBIA-MONTENEGRO**

ALL ATS ROUTES above FL205 withdrawn within Belgrade FIR/UIR, Sarajevo FIR/UIR and Zagreb FIR/UIR except for KFOR Sector (Kosovo) and Airspace portions where the provision of ATS is temporary delegated to Brindisi or Padova ACC. **E LO-12.**

FRA (Free Route Airspace) within Sarajevo FIR/UIR, Belgrade FIR/UIR and Zagreb FIR/UIR. Lower limit FL205. **E LO-12.**

**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.

**MALTA**

ATS ROUTE SYSTEM (HIGH & HIGH/LOW) revised within Malta. For details refer to CCN 309/310 and CCN 311. **E LO-14.**

**POLAND**

CPDLC avbl for Warsaw ACC within Warsaw FIR, FL285 and above; Data Link ADS is EPWW. **E HI-14.**

**RUSSIA**

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

**AUSTRIA**

GUKTU (N4810.1 E01645.6) withdrawn. **E LO-12/7A.**

LIDSI NCRP estbld at N4813.4 E01353.8. **E LO-12/6A.**

OGRUB (N4754.9 E01355.8) withdrawn. **E LO-12/6A.**

PABSA (N4831.7 E01344.3) withdrawn.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

PEROL NCRP estbld at N4814.6 E01428.8. **E LO-12/6AB.**

PETEN NCRP estbld at N4825.0 E01410.4. **E LO-12/6A.**

UBUXI NCRP estbld at N4808.1 E01636.7. **E LO-12/7A.**

**BELARUS****ATS ROUTES changed:**

L29, RAMBE NCRP estbld at N5503.1 E02725.7; BENIM - RAMBE, 250°, 28NM, MEA FL200; RAMBE - LAFAT, 249°, 58NM, MEA FL100, CDR 1; BENIM to LAFAT, one-way W-bound. Eff 26 Apr 18. **E LO-10/10A.**

M874, NELOK (N5434.1 E02948.5) to LAVAR realigned; NELOK - ZENIT CRP at N5440.4 E02544.1, 142NM. **E LO-10/10AB.**

N858, LAVAR replaced by LAFAT CRP at N5449.9 E02546.7; LAFAT - SIVRU, 075°/257°, 118NM. **E LO-10/10AB, E LO-9/4CD.**

P727, LITVI (N5429.9 E02648.5) and KUREN withdrawn; RUBUN - DUBIN, 83NM. **E LO-10/10A, E LO-9/4C.**

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

PROHIBITED AREA UM(P)-257 estbld; circle with radius 3.24NM centered on N5445.7 E02605.8, GND-FL470. **E LO-10/10A.**

**BELGIUM****ATS ROUTES changed:**

L607, Mackel NDB (MAK) to [NIK40], MEA 5000'. **EBBR 10-1, E LO-3/4ABD.**

L745, Costa VORDME (COA) - [COA01], withdrawn (until 28 JUL 2018). **E LO-3/4A.**

**CROATIA****ATS ROUTES changed:**

L863, Barna VORDME (VBA) - BEDOX, withdrawn. **E LO-12/6D7C.**

M859, MONFA (N4529.2 E01316.8) - UMBEK, MAA FL330. **E LO-12/6C.**

N748, Barna VORDME (VBA) - PIXAL, withdrawn. **E LO-12/7C.**

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

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

**CZECHIA****ATS ROUTES changed:**

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

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

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

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

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

## EUROPE

T136, DOBEN (N4946.4 E01333.7) - NIRGO, CDR status withdrawn. **E LO-11/2C.**  
 Z39, DOMAL (N4905.7 E01325.7) to GOSEK realigned; DOLUP NCRP at N4907.2 E01323.7 - IPDUL NCRP at N4925.3 E01349.2 - GOSEK, DOLUP to GOSEK, 039°, 25/16NM, MEA FL80, MOCA 6000T/3700T; GOSEK - KOMUR, MOCA 3700T. **E LO-11/2CD, EDDM 10-1.**  
 Z410, ROXUL replaced by IPDUL NCRP estbld at N4925.3 E01349.2; AGNAV - IPDUL - VAKLA, 48/37NM, MOCA 4500T/3700T. **E LO-11/2CD.**

## DENMARK

## ATS ROUTES changed:

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

EVGUN NCRP estbld at N5816.3 E01001.0. **E LO-1/4C, E LO-7/1D.**

## ESTONIA

## ATS ROUTES changed:

Y117 extended; VALOX CRP at N5943.9 E02408.3 - DANKA NCRP at N5936.0 E02357.1 - ROSAX, 207°, 10/9NM, MEA FL100, one-way SW-bound. Eff 26 Apr 18. **E LO-8/9C, E LO-9/3B.**  
 Y123 estbld; KOIVU CRP at N5950.7 E02439.9 - LARTI NCRP at N5940.2 E02435.0, 185°, 11NM; LARTI - ORTAX NCRP, 181°, 50NM; KOIVU to ORTAX, MEA FL100, one-way S-bound. Eff 26 Apr 18. **E LO-8/9C, E LO-9/3B.**

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

## FINLAND

ABURO NCRP estbld at N6617.9 E02826.6. Eff 26 Apr 18. **E LO-7/4C.**  
 ASVUG NCRP estbld at N6955.9 E02708.4. Eff 26 Apr 18. **E LO-7/4B.**  
 GATRI NCRP estbld at N6456.0 E02937.0. **E LO-8/10B.**  
 GIGOV NCRP estbld at N6913.4 E02101.5. Eff 26 Apr 18. **E LO-7/4A.**  
 GOMAV NCRP estbld at N6840.0 E02318.9. Eff 26 Apr 18. **E LO-7/4A.**  
 LUMME NCRP estbld at N6238.6 E02450.0. Eff 26 Apr 18. **E LO-8/9B.**  
 PORI DME (PO) CH28X (109.1) cmsnd at N6127.5 E02148.4. **E LO-8/9A.**  
 UVMOK NCRP estbld at N6848.2 E02509.9. Eff 26 Apr 18. **E LO-7/4A.**

## FRANCE

## ATS ROUTES changed:

A1, [DJL30] (N4737.2 E00433.4) withdrawn; LUREN - Dijon Longvic VORDME (DJL), 66NM, MEA FL70; [SPR02] withdrawn; St Prex VORDME (SPR) - [TMA32], 14NM. **LSGG 10-1.**  
 A242, Grostenquin VORDME (GTQ) to Hericourt NDB (HR), MEA FL90, MOCA 5500T. **E LO-4/9B.**  
 B3, Cambrai Epinoy VORDME (CMB) to RINTI, CDR2. **E LO-3/4AC.**

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

B24, DIPER (N5020.8 E00203.7) to [FIR16], CDR2. **E LO-3/3B4AC.**

B37, [DJL32] (N4741.0 E00437.6) withdrawn; BOLLY - KASON, 41NM, MEA FL70; IBADA - LUKID, MEA FL70; [PAS03] and [PAS02] withdrawn; KOVAR - Passeiry VORDME (PAS), 16 NM, MEA 8000', MOCA 7900T; Passeiry VORDME - [PAS1A], 14NM, MEA 10000', MOCA 9900T. **LSGG 10-1.**

G36, RATRA NCRP estbld at N4446.8 E00128.7, ESISI - RATRA, 7NM, MOCA 2600T; RATRA - LAVRA, 8NM, MOCA 2800T. **E LO-5/4B.**

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

J41, [PAS0A] (N4608.4 E00601.6) withdrawn; Passeiry VORDME (PAS) - ESAPI, 20NM; [PAS3A] renamed [PAS30]. **LSGG 10-1, LFLL 10-1, E LO-5/6A.**

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

N491, Epinal Mirecourt VOR (EPL) - LASAT, MEA 7000', MOCA 5500T. **E LO-4/9AB.**

N871, SOPLO (N4543.7 E00544.8) - OMASI, CDR3. **LSGG 10-1, LFLL 10-1, E LO-4/9CD.**

R14 extended; ERIGA (N4651.6 W00221.8) - EPIOX NCRP, 191°, 8NM, MEA FL120. **E LO-4/7C.**

T47, GEMLA (N4534.3 E00620.4) to VANAS withdrawn. **E LO-5/6A.**

T175, APRUR CRP estbld at N4122.4 E00716.3, NISEK - APRUR - TINOT, 30/118NM. Eff 26 Apr 18. **E LO-5/5D6C, E LO-6/10AB, E LO-14/6B.**

T626 estbld, Hericourt NDB (HR) CRP - DOUCI NCRP at N4723.1 E00702.0, 129°, 16NM, MEA FL90, MOCA 6900T, one-way SE-bound. **E LO-4/9B.**

V14, [SAU51] (N4439.8 E00103.0) renamed IBDER. **E LO-5/4B.**

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

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

CAEN CARPIQUET VOR (CAN) chgd to VORDME. **E LO-3/3C, E LO-4/7B.**

LE CASTELLET DME (ADC) decmsnd. Eff 26 Apr 18. **LFMN 10-1, LFML 10-1.**

LF(P)-30 withdrawn. **E LO-3/4D, E LO-4/8B9A.**

RODEZ TMA withdrawn. **E LO-5/4B5A, LFBO 10-1.**

## EUROPE

SALON CTA Class 'D' estbld. Altitudes 1700'MSL-FL75. (N43 E004). **LFMN 10-1, LFML 10-1, E LO-5/5BD.**

SALON CTR estbld; N4342.6 E00516.4 - N4333.8 E00519.5 - N4335.1 E00513.0 then cw along an arc with 4.86 NM radius centered on N4336.2 E00506.5 - N4331.4 E00507.2 - N4334.9 E00503.3 - N4338.4 E00502.2 - N4342.6 E00500.0 - N4342.6 E00516.4. GND-2500'. **LFMN 10-1, LFML 10-1.**

## GERMANY

## ATS ROUTES changed:

L23, TIMIB NCRP estbld at N5345.1 E01242.0; NUVEN NCRP estbld; LEGSA - TIMIB - KUBAB - NUVEN - TAGOB, 3/8/12/10NM. **E LO-8/6D, E LO-10/7D.**

L132, ANEBO NCRP estbld at N5232.9 E01349.8; SONUD - ANEBO - RENKI, 17/23NM. **E LO-8/6D, E LO-10/8C, E LO-11/2A.**

L620, TALEG NCRP estbld at N5105.6 E01237.2; SULED - TALEG - EKPEK, 15/28NM. **E LO-11/2A.**

L980 estbld; SUBIX CRP (N5222.8 E01435.1) - TUVAK NCRP, 270°/089°, 19NM; TUVAK - ADLIR NCRP at N5224.0 E01337.3, 266°/086°, 17NM; SUBIX to ADLIR, MEA FL180. **E LO-10/8C, E LO-11/2AB.**

L986, BOLBO (N5147.7 E01309.1) to ROSNO, chgd to two-way, 280°/100°. **E LO-11/2A.**

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

M736, PEROM (N5427.6 E01308.3) to SOGMA, chgd to two-way; PEROM - BAKDO, 192°/012°; BAKDO - TIMIB, 200°/020°; TIMIB - INDOK, 199°/019°; INDOK to SUVAL, 202°/022°; SUVAL - SOGMA, 197°/017°. **E LO-8/6D7C, E LO-10/7D8C, E LO-11/1B2A.**

M852, TUGDU (N5439.2 E00954.7) to Hamburg VORTAC (HAM), CDR1. **E LO-8/6B, E LO-10/7CD.**

N125, REVLA (N5319.3 E00830.5) to DOBAK, CDR1. **E LO-10/7C.**

N746 estbld; PADKU NCRP at N5334.2 E01359.0 - BINKA CRP, 038°, 16NM, MEA FL210, one-way NE-bound. **E LO-8/6D, E LO-10/8C.**

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

N851, RAUTA NCRP estbld at N4753.2 E00908.2; TINOX - RAUTA - HEUSE, 3/10NM; RAUTA - HEUSE, chgd to two-way, 004°/184°. **LSZH 10-1.**

N858, ESObU NCRP estbld at N5111.0 E01045.6; MAXOT - ESObU - MITRU, 5/17NM. **E LO-11/1B.**

N871, RILBU (N4738.7 E01130.4) replaced by LENIZ NCRP at N4739.4 E01134.1, KOGOL - LENIZ - TULSI, 7/9NM. **E LO-12/5B, EDDM 10-1.**

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

N873, LABIL (N5329.8 E00649.0) to WELGO, CDR1. **E LO-10/6D7C.**

P12, UMSET NCRP estbld at N5450.0 E01409.5; ASDIN - UMSET - DETNI, 17/8NM. **E LO-8/7C, E LO-10/8C.**

P12, Warburg VORDME (WRB) - ESADU, MAA FL240. **E LO-11/1A.**

P64 estbld; Wipper VOR (WYP) NCRP - MISGO NCRP, 324°, 26NM; MISGO - SONEB NCRP, 352°, 37NM; Wipper VOR to SONEB, MEA 4000', one-way N-bound. **E LO-3/5A, EDDF 10-1.**

P96, RIKLU (N5055.9 E01348.7) - Hermsdorf VORDME (HDO), 086°/(268°). **E LO-11/2ABCD.**

P174, TEMPLU (N5328.5 E00651.8) to NIMDO, CDR1. **E LO-10/6D7C.**

P605, PIBUL NCRP estbld at N5422.2 E01127.7; AMICH - PIBUL - MEGAR, 044°, 15/9NM. **E LO-8/6D, E LO-10/7C.**

P615, Elbe VORDME (LBV) to TUGDU, CDR1. **E LO-8/6B, E LO-10/7CD.**

P999, Helgoland VORDME (DHE) to SOMPO, CDR1. **E LO-8/6B, E LO-10/6D7C.**

Q200 redesignated L735, POGAB (N5150.7 E01359.0) to GOVEN. **E LO-11/2AB.**

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

Q760, Saarbruecken NDB (SBN) replaced by SARRI NCRP at same position. **EDDF 10-1.**

Q800, NIGAD (N5404.6 E01030.0) to EKERN, CDR1. **E LO-8/6BD, E LO-10/7D.**

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

T189 estbld, BAMKI NCRP (N5043.1 E01101.2) - NIBIL NCRP, 156°, 56NM, MEA 6000', one-way SE-bound, cruising levels NON-standard, EVEN levels SE-bound. **E LO-11/1D.**

T202, GOLAT (N5054.7 E01156.3) to TADUV, chgd to two-way, 033°/213°. **E LO-11/1B2A.**

T236, PEPEB NCRP estbld at N5145.8 E01043.1; UPDAT - PEPEB - ADMOS, 115°, 21/5NM. **E LO-11/1B.**

T428, RENSU (N5414.6 E00946.8) to Kiel-Holtenu NDB (KIL), CDR1. **E LO-10/7CD.**

T463, GEPKO (N5231.7 E00808.1) - IRDIP, CDR1,2. **E LO-3/5B, E LO-11/1A.**

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

T732, RAUTA NCRP estbld at N4753.2 E00908.2; NEDOV - RAUTA - GARMO, 10/9NM. **LSZH 10-1.**

T905, UMVUP (N5423.7 E00954.7) - BOGMU, CDR1. **E LO-10/7D.**

T943, TABAT (N5033.5 E01131.9) - NEPEG, withdrawn. **E LO-11/1D.**

UZ28, BIBTI (N5058.0 E00706.5) - RASAS realigned; OBOKA NCRP at N5044.7 E00720.3 - OLPEX NCRP at N5053.9 E00659.7, 303°, 16NM, MEA FL170; OLPEX - NEREL NCRP, 303°, 20NM, MEA FL210; OBOKA to NEREL, one-way NW-bound. **EDDF 10-1.**

UZ29 estbld; OBOKA NCRP at N5044.7 E00720.3 - MYNDA at N5052.0 E00657.8, 295°, 16NM, MEA FL170, one-way NW-bound. **EDDF 10-1.**

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

Y103, EKSOS (N49393.3 E01124.5) to LASGA realigned; EKSOS - LONLI NCRP, 341°, 26NM, MEA 5000'. **E LO-11/1D.**

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

## EUROPE

Y206, PINOB NCRP estbl'd at N5231.5 E01412.6;  
KUSES NCRP estbl'd at N5222.6 E01427.7;  
GERGA - PINOB, 121°, 8NM; PINOB - KUSES -  
ARSAP, 130°, 13/13NM; GERGA to ARSAP, MAA  
FL660. **E LO-10/8C, E LO-11/2AB.**

Y234 redesignated Z131, UMBAL (N5148.3  
E01210.4) - PENEK; BUROK NCRP estbl'd;  
UMBAL - BUROK - PENEK, 19/21NM.  
**E LO-10/7D8C, E LO-11/2A.**

Y236 redesignated L735, OLBK (N5139.8  
E01320.5) - POGAB, chgd to two-way, 061°/242°.  
**E LO-11/2A.**

Y347, VAXEV (N5223.8 E00905.3) to OBIBI,  
CDR1.2. **E LO-10/7C, E LO-3/5AB, E LO-11/1A.**

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

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

Z39, LALIN (N4852.8 E01314.5) - DOMAL realigned;  
LALIN - DOLUP NCRP at N4907.2 E01323.7,  
019°. **E LO-11/2C, EDDM 10-1.**

Z400 extended; ADUKI NCRP (N5419.5 E01321.6)  
- ARGAD, 020°, 12NM, MEA 4000', one-way  
N-bound, cruising levels NON-standard, EVEN  
levels N-bound. **E LO-8/6D7C, E LO-10/8C.**

Z717 extended; Hehlingen VORDME (HLZ) - GARLU  
NCRP at N5249.8 E01107.1, 021°/200°, 30NM,  
MEA FL230, CDR 3; PODUS to GOLBO, CDR 1.  
**E LO-8/6D, E LO-10/7D8C, E LO-11/1B.**

Z739, NAPRO (N5151.4 E00603.5) to AMOSU, MEA  
FL170. **EHAM 10-1.**

Z818, Saarbruecken NDB (SBN) replaced by SARRI  
NCRP at same position. **EDDF 10-1.**

Z998, EKERN (N5430.4 E00951.8) to Luebeck VOR  
(LUB), CDR1. **E LO-8/6BD, E LO-10/7D.**

ALLENDORF/EDER AIRSPACE Class E withdrawn.  
(N51 E008). **E LO-3/5B, E LO-11/1A, EDDF 10-1.**

PEPEB HOLDING estbl'd at N5145.8 E01043.1,  
inbound track 116°, LEFT turns, MHA FL110.  
**E LO-11/1B.**

RUDAK HOLDING estbl'd at N5146.7 E01255.0,  
inbound track 055°, LEFT turns, MHA FL100.  
**E LO-11/2A.**

## GREECE

## ATS ROUTES changed:

B1, Skopelos VORDME (SKP) to DILOP, MEA FL80.  
**LGAV 10-1.**

B34, ETERU NCRP estbl'd at N3628.1 E02703.6,  
VANES - ETERU - GILOS, 33/8NM. Eff 26 Apr 18.  
**E LO-14/10C.**

BETAK (N3923.8 E01944.0) replaced by BEDEX at  
same position. **E LO-14/8B.**

G18, EVUNU NCRP estbl'd at N3557.0 E02845.1,  
NILAS - EVUNU - ALKIS, 19/76NM. Eff 26 Apr 18.  
**E LO-14/10D.**

G33, Kea VORDME (KEA) to Alexandroupolis  
VORDME (ALX), cruising levels chgd to  
NON-standard, EVEN levels N-bound.  
**LGAV 10-1.**

J61, Kalamata VORDME (KAM) to Didimon  
VORDME (DDM), cruising levels chgd to  
NON-standard, EVEN levels NE-bound.  
**LGAV 10-1.**

L52, RUPUM NCRP estbl'd at N3606.2 E02722.2,  
NAXAS - RUPUM - LINRO, 34/18NM. Eff 26 Apr  
18. **E LO-14/10C.**

L609, EVUNU NCRP estbl'd at N3557.0 E02845.1,  
NILAS - EVUNU - ALKIS, 19/76NM. Eff 26 Apr 18.  
**E LO-14/10D.**

L995, OBUPO NCRP estbl'd at N3553.1 E02841.2,  
IRBAX - OBUPO - AMONO, 18/80NM. Eff 26 Apr  
18. **E LO-14/10D.**

M601, ETERU estbl'd at N3628.1 E02703.6, GILOS  
- ETERU - VANES, 8/33NM. Eff 26 Apr 18.  
**E LO-14/10C.**

P169, Athens VORDME (ATV) to Chania VORDME  
(SUD), MEA FL100. **LGAV 10-1.**

V57, RUPUM NCRP estbl'd at N3606.2 E02722.2,  
TIPAS - RUPUM - LOKNA, 32/12NM. Eff 26 Apr  
18. **E LO-14/10C.**

## ITALY

## ATS ROUTES changed:

L614, Chioggia VORDME (CHI) to LABIN, chgd  
to two-way, MEA FL100. **E LO-12/5D6C (stub),  
E LO-13/2A.**

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

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

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

N606 estbl'd; BABAG NCRP at N4523.2 E01307.6  
- BADOP NCRP, 309°/129°, 7NM, MEA FL140,  
CDR 3. **E LO-12/6C.**

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

Ciampino NDB (CIA) decmsnd. Eff 26 Apr 18.  
**LIRF 10-1.**

RAISI NDB (PRS) decmsnd. Eff 26 Apr 18.  
**E LO-14/7CD.**

VENICE NDB (VEN) decmsnd. Eff 26 Apr 18.  
**E LO-12/5D, E LO-13/2A.**

## LATVIA

## ATS ROUTES changed:

Y40, LITPA (N5622.5 E02156.7) - RASEL, chgd to  
two-way, 328°/147°. Eff 26 Apr 18. **E LO-8/8CD,  
E LO-10/9A, E LO-9/3C.**

## LITHUANIA

## ATS ROUTES changed:

L29, LAVAR replaced by LAFAT CRP at N5449.9  
E02546.7; LAFAT - UPASI, 236°, 59NM.  
**E LO-10/9BD10A.**

L749, LAVAR replaced by ZENIT CRP at N5440.4  
E02544.1. **E LO-10/9B10A.**

L983, BILDI (N5435.3 E02456.7) withdrawn; VAKAL  
- DUVAT, 87NM. **E LO-10/9B10A.**

M874, LAVAR replaced by ZENIT CRP at N5440.4  
E02544.1. **E LO-10/10A.**

N858, IRKAL (N5429.0 E02413.2) to LAVAR  
realigned; IRKAL - LAFAT CRP at N5449.9  
E02546.7, 061°, 58NM **E LO-10/9D10A.**

## EUROPE

P141, LAVAR replaced by ZENIT CRP at N5440.4 E02544.1. **E LO-10/9AB10A, E LO-9/3CD.**

LAUGA CRP estbld at N5557.5 E02602.0. **E LO-10/10A, E LO-9/4C.**

## NETHERLANDS

## ATS ROUTES changed:

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

L745, [COA01] (N5122.3 E00322.0) to TULIP, withdrawn (until 28 JUN 2018). **E LO-3/4A.**

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

## 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.**

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

ASVUG NCRP estbld at N6955.9 E02708.4. Eff 26 Apr 18. **E LO-7/4B.**

BERON NCRP estbld at N6456.5 E01140.0. **E LO-7/2B.**

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

GIGOV NCRP estbld at N6913.4 E02101.5. Eff 26 Apr 18. **E LO-7/4A.**

GOMAV NCRP estbld at N6840.0 E02318.9. Eff 26 Apr 18. **E LO-7/4A.**

IPSEN NCRP estbld at N6522.8 E01203.6. **E LO-7/2B.**

ROST DME (ROS) decmsnd. **E LO-7/3A.**

UVMOK NCRP estbld at N6848.2 E02509.9. Eff 26 Apr 18. **E LO-7/4A.**

## POLAND

## ATS ROUTES changed:

L59 estbld; NASOK NCRP (N5305.5 E01900.4) - RANOK CRP, 354°/173°, 110NM, MEA FL100, CDR 1. Eff 26 Apr 18. **E LO-10/9AC.**

L623, LENOV (N4920.2 E02100.6) - EKVAT, CDR 1. Eff 26 Apr 18. **E LO-11/4C.**

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

L987 estbld; PENOR CRP (N5538.3 E01709.7) - VADRU CRP, 075°/255°, 22NM, MEA FL100. Eff 26 Apr 18. **E LO-8/7D, E LO-10/8B, E LO-9/2D.**

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

N133, LENOV (N4920.2 E02100.6) - GOSAK, CDR 1. Eff 26 Apr 18. **E LO-11/4C.**

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

Q10, LUVOD (N5013.8 E01905.7) - PADKA, CDR 1. Eff 26 Apr 18. **E LO-11/3D.**

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

Q800 estbld; LARMA CRP (N5516.5 E01630.1) - IVGOR CRP, 064°/244°, 53NM, MEA FL100. Eff 26 Apr 18. **E LO-8/7D, E LO-10/8B, E LO-9/2D.**

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

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

T375, MEBAN (N4927.3 E01938.8) - ROXUG, CDR 1. Eff 26 Apr 18. **E LO-11/3D4C.**

T670, XERPA NCRP estbld at N5457.6 E01645.7; GIVAR - XERPA, 099°/280°, 16NM, MEA FL100; XERPA - VAPOS, 100°, 38NM; GIVAR to VAPOS, MAA FL660. **E LO-8/7CD, E LO-10/8BD.**

T673 estbld; VIZAN NCRP at N5439.0 E01738.9 - XERPA NCRP at N5457.6 E01645.7, 296°, 36NM, MEA FL100, one-way NW-bound, CDR 1. **E LO-8/7D, E LO-10/8D.**

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

T709, BAVOK (N5000.2 E01811.7) to VAKNU, CDR 1. Eff 26 Apr 18. **E LO-11/3D.**

T710, IBEKA (N5001.7 E01856.5) - ORSOX, CDR 1. Eff 26 Apr 18. **E LO-11/3D.**

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

Z126, VAKNU (N5028.5 E01909.0) - TUSIN, CDR 1. Eff 26 Apr 18. **E LO-11/3D.**

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

Z172 estbld; DIMEX NCRP (N5137.8 E01607.7) - URORA NCRP, 010°, 159NM; URORA - RIVDI NCRP at N5511.7 E01704.3, 014°, 60NM; DIMEX to RIVDI, MEA FL110, one-way N-bound, CDR 1. Eff 26 Apr 18. **E LO-8/7CD, E LO-10/8BD, E LO-11/2B3A.**

Z175 estbld; EVINA NCRP (N5123.3 E02021.6) - SKARY CRP at N4926.7 E01858.6, 199°, 128NM, MEA FL200, one-way SW-bound, CDR 1. Eff 26 Apr 18. **E LO-11/3BD4A.**

Z187 estbld; KOTEK NCRP (N5038.8 E02015.1) - SKARY CRP at N4926.7 E01858.6, 209°, 87NM, MEA FL200, CDR 1. Eff 26 Apr 18. **E LO-11/3D4C.**

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

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

DARLOWO MATZ redesignated to MCTR. (N54 E016). Eff 26 Apr 18. **E LO-8/7C, E LO-10/8D.**

INOWROCLAW MATZ redesignated to MCTR. (N52 E018). Eff 26 Apr 18. **E LO-10/8D9C.**



## EUROPE

JABLONKA VORDME (JAB) decmsnd. **E LO-11/3D**.  
 KRZESINY MATZ redesignated to MCTR. (N52 E016). Eff 26 Apr 18. **E LO-10/8D, E LO-11/3A**.  
 LASK MATZ redesignated to MCTR and MTMA. (N51 E018). Eff 26 Apr 18. **E LO-11/3B**.  
 LECZYCA MATZ redesignated to MCTR. (N52 E018). Eff 26 Apr 18. **E LO-10/9C, E LO-11/3B**.  
 OKSYWIE MATZ redesignated to MCTR. (N54 E018). Eff 26 Apr 18. **E LO-10/8D9C**.  
 POWIDZ MATZ redesignated to MCTR and MTMA. (N52 E017). Eff 26 Apr 18. **E LO-10/8D9C, E LO-11/3AB**.

## PORTUGAL

Nisa VORTAC (NSA) replaced by VORDME (NSA) 115.5 at same position. **E LO-6/7B**.  
 Porto VORDME (PRT) replaced by OTREG CRP at same position (until 21 Jun 2018). **E LO-5/to-note, E LO-6/7B**.

## ROMANIA

## ATS ROUTES changed:

T226, ELDET (N4417.2 E02345.4) - SODGO, MEA FL60. Eff 26 Apr 18. **E LO-12/8D, E LO-13/5A**.  
 Y88, ELDET (N4417.2 E02345.4) to ANASA, MEA FL60. Eff 26 Apr 18. **E LO-13/5A**.

## RUSSIA

## ATS ROUTES changed:

A131, ERUNA NCRP estblid at N5411.6 E03605.0; NELEP - ERUNA - AGNIN, 11/28NM, MEAs FL60/FL80; AGNIN - ARLAB, MEA FL60. **E LO-9/5D**.  
 A716, AGONA (N5524.0 E02033.2) - TURIP, MOCA 2000T; TURIP to Khrabrovo VORDME (KRD), MOCA 2400T; Khrabrovo VORDME to GITOV, MOCA 2600T. **E LO-10/9AC**.  
 A926, NIFAL NCRP estblid at N5449.6 E02112.9; Khrabrovo VORDME (KRD) - NIFAL - BENAL, 22/15NM. **E LO-10/9AB**.  
 B8, TRAFRA NCRP estblid at N5938.2 E03135.5; OKUDI - TRAFRA - LABAM, 31/6NM; OKUDI to AGBON (to-note), cruising levels chgd to standard. **E LO-9/4B**.  
 B231, ERUNA NCRP estblid at N5411.6 E03605.0; Maloye Skuratovo NDB (GD) - ERUNA - GULMA, 51/5NM. **E LO-9/5D**.  
 FK4T estblid; Gagarin NDB (FK) CRP - DINEL NCRP - LUKOS CRP at N5536.0 E03716.3, 078°, 50/27NM; LUKOS - Klimovsk NDB (LO) CRP, 140°, 17NM; Klimovsk NDB - Glotayevo NDB (DK) NCRP, 130°, 14NM; GlotayevoNDB - Venev NDB (FV) CRP, 153°, 51NM; Gagarin NDB to Venev NDB, MEA FL120, one-way SE-bound. **E LO-9/5D**.  
 G915, PEPUS (N5409.0 E03531.2) to AGNIN, MEA FL60. **E LO-9/5D**.  
 R22, Yuhhnov NDB (UK) - SUNAB, MEA FL60; AVGOK to TIRAK, MAA FL260; RELPI - TIRAK, MOCA 9200T. **E LO-9/5D**.  
 R811, Gagarin NDB (FK) - Karmanovo NDB (BG), cruising levels chgd to standard. **E LO-9/5D**.

GRID MORA (N59 - N60/E030 - E031) should read 2600'. **E LO-9/4AB**.  
 UL(P)-29 estblid; circle with radius 0,4NM centered at N6902.9 E03304.5, GND-3300'AGL. **E LO-7/5C**.

## SERBIA-MONTENEGRO

## ATS ROUTES changed:

L611 extended; KOFER (N4155.6 E01839.8) - VAKSU, 306°, 8NM, MEA 5000', one-way NW-bound. **E LO-13/4C, E LO-14/8B**.  
 Y575, GAZON NCRP estblid at N4409.8 E02053.2, IDABO - GAZON - Belgrade VORDME (BGD), 12/47NM. Eff 26 Apr 18. **E LO-13/4AB**.

## SLOVAKIA

## ATS ROUTES changed:

A42 realigned; Nitra VORDME (NIT) - TURIS NCRP at N4821.7 E01830.7, 072°/253°, 19NM, MEA 5000', MOCA 4100T; TURIS - Sliac VORDME (SLC), 073°/253°, 25NM, MEA 5000', MOCA 4600T; Sliac VORDME - KALIF NCRP at N4830.4 E01934.3, 075°/256°, 19NM, MEA 6000', MOCA 5400T; KALIF - TAKOS, 076°/256°, 28NM, MEA 6000', MOCA 5300T. **E LO-12/7AB8A**.

B7, INKIX NCRP estblid at N4908.2 E02105.0; NOKRI - INKIX, 14NM, MEA 4800', MOCA 4800T; INKIX - LENOVA, 12NM, MEA 5000', MOCA 5000T. Eff 26 Apr 18. **E LO-11/4C**.

B45, RIMIT replaced by KREMI NCRP at N4847.0 E01853.0; Sliac VORDME (SLC) - KREMI, 331°/150°, 22NM, MOCA 6500T; KREMI - NIDOK, 330°/150°, 7NM, MOCA 6400T; Sliac VORDME to NIDOK, MEA 7000'. **E LO-11/3D, E LO-12/7B**.

L617, RIMIT replaced by KREMI NCRP at N4847.0 E01853.0; Sliac VORDME (SLC) - KREMI - NIDOK, 331°/150°, 22/7NM, MEA 7000'. **E LO-11/3D, E LO-12/7B**.

L853, LITKU (N4813.8 E01935.9) - TAGOD, withdrawn. **E LO-12/7B**.

R53, UBARU replaced by TIVON NCRP at N4839.7 E01931.7; Sliac VORDME (SLC) - TIVON, 048°/228°, 21NM, MEA 7000', MOCA 6300T; TIVON - EPEDA, 048°/228°, 21NM, MEA 8000', MOCA 7900T. **E LO-11/3D4C, E LO-12/7B**.

T195 estblid, REGTO CRP at N4924.2 E02039.9 - INKIX NCRP at N4908.2 E02105.0, 129°, 23NM, MEA 5400', one-way SE-bound. Eff 26 Apr 18. **E LO-11/4C**.

Y301, KULIN replaced by KALIF NCRP at N4830.4 E01934.3; LITKU - KALIF, 352°, 17NM; KALIF - NIDOK, 303°, 38NM; LITKU to NIDOK, MEA FL140. **E LO-11/3D, E LO-12/7B**.

REGTO CRP estblid at N4924.2 E02039.9. **E LO-11/4C**.

SLIAC CTR upper limit chgd to 8000'. **E LO-11/3D, E LO-12/7B**.

## SPAIN

## ATS ROUTES changed:

B31, Sabadell VORDME (SLL) - MAMUK chgd to two-way, 355°/175°. **E LO-6/9B, LEBL 10-1**.  
 G23, XOMBO NCRP estblid at N4221.9 W00040.0, RONNY NCRP estblid at N4225.8 W00050.7; SURCO - XOMBO - RONNY - RONKO, 5/9/9NM. **E LO-5/3D4C, E LO-6/9A**.

CEUTA DME (CEU) CH124Y (117.75) cmsnd at N3553.6 W00518.3. Eff 26 Apr 18. **E LO-6/8C**.  
 CUATRO VIENTOS NDB (CVT) freq chgd to 417. **LEMD 10-1**.

**EUROPE**

OLOXO NCRP estbld at N4226.1 E00130.8. Eff 26 Apr 18. **E LO-5/4D, E LO-6/9A, LEBL 10-1.**  
 RUTIP NCRP estbld at N4228.7 E00126.2. Eff 26 Apr 18. **E LO-5/4D, E LO-6/9A, LEBL 10-1.**  
 SAN SEBASTIAN VORDME (SSN) replaced by XAXUS CRP at same position (until 31 JUL 18). **E LO-5/3CD.**

**SWEDEN**

**ATS ROUTES changed:**

M743, Ronne VOR (ROE) - GORPI, withdrawn. **E LO-8/7C.**  
 N851, Nortel VORDME (NTL) replaced by TOVRI NCRP at same position. **E LO-8/8B, E LO-9/2B.**  
 T320, BEGDO NCRP estbld at N6554.2 E02042.9, Lulea VORDME (SLU) - BEGDO - UPEVA, 41/87NM. **E LO-7/3BD.**

NORTEL VORDME (NTL) decmsnd. **E LO-8/8B, E LO-9/2B.**

SAVE CTR Class 'C' estbld. Altitudes GND-1500'. (N57 E011). Eff 26 Apr 18. **E LO-8/7B, E LO-9/1D.**

**SWITZERLAND**

**ATS ROUTES changed:**

A1, [SPR14] (N4637.4 E00611.5) withdrawn, St Prex VORDME (SPR) - DINOX, 18NM. **LSGG 10-1.**  
 W102, St Prex VORDME (SPR) to BALIR, CDR 1. **LSGG 10-1.**  
 Y170, ABREG (N4618.4 E00933.1) to ROMIR, CDR 1. **LSZH 10-1.**  
 Z55, BERSU (N4708.1 E00756.5) to GERSA, MEA FL120. Eff 26 Apr 18. **E LO-4/9D10C.**  
 Z170, ARGAX (N4703.0 E00917.9) - KUDIS, CDR 1. **LSZH 10-1.**

**TURKEY**

LT(P)-7 upper limit chgd to 8000'. **E LO-14/10A.**

**U.K.**

**ATS ROUTES changed:**

L179, GILTI (N5134.2 E00203.3) to Lambourne VORDME (LAM), CDR 13. Eff 26 Apr 18. **EGLL 10-1, E LO-3/3B4A.**

BERRY HEAD CTA Class 'A' estbld. Altitudes FL65-FL195. (N51 W003). **E LO-3/2BD.**

**UKRAINE**

**ATS ROUTES changed:**

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

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

**TERMINAL CHARTS**

**GENERAL**

**FINLAND**

STARs and SIDs are also minimum noise routings.

**FRANCE**

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

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

**GERMANY**

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

Location/airport name changed from Donauwoerth to Donauwoerth, Dusseldorf to Duesseldorf, Lubeck to Luebeck, Monchengladbach to Moenchengladbach, Munster/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

## EUROPE

## TERMINAL

**A Coruna**, Spain, Improvement works of apron (based on SUP 04/18). Refer to temp charts 10-8 and 10-8A and latest NOTAMs.

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

**Almeria**, Spain, Works on TWY S2 (based on SUP 26-18). During Phase 3: TWY S2 out of service. Alternative routes established: enter RWY 07 and exit RWY 25 via TWY S1.

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

**Are Ostersund**, Sweden, (11-1) VOR DME ILS Rwy 12, (11-1A) OTS CAT II VOR DME ILS Rwy 12, (13-1) VOR DME Rwy 12, (13-2) NDB VOR DME Rwy 30 and (16-1) NDB VOR DME Rwy 30: MSA raised in northwestern sector to 4900' and in northeastern sector to 3400' (based on SUP 4-18).

**Asturias**, Spain, Works on airport (based on SUP 30-17, eff 1 Mar 2018 based on SUP 19-18). 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.

**Avord**, France, (Avord AB), AVORD GCA (SPAR) callsign and service changed to AVORD Precision (PAR). Frequency and hours of operation unchanged. Eff 26 Apr 18.

PAPI Rwy 06/24 unusable for all ILS, LOC and PAR approaches.

**Badajoz**, Spain, (Talavera La Real AB), Right wingbar of VASI u/s (based on SUP 45-18).

TWY C4 and C6 closed (based on SUP 44-18).

**Barcelona**, Spain, (El Prat), All ILS or LOC IAPs to rwy 07L/R, 25L/R (charts 11-4 thru 11-15): RNAV initial approaches established, refer to charts 11-0 thru 11-0C. Eff 26 Apr 18.

Construction works on Ramp 15 (based on AIRAC SUP 79/17, Eff 29 Mar 18 based on SUP 49/18). Refer to temp charts 10-8 thru 10-8C and latest NOTAMs.

**Bari**, Italy, (Palese), For construction works on RWY 07/25 (based on SUP 012-17), refer to temporary chart 10-8/10-8A and latest NOTAMs.

**Basle-Mulhouse**, France, For modifications of stands and aprons (based on SUP 18-18) refer to temporary charts 10-8A, 10-8B and 10-8C.

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

**Beauvechain**, Belgium, (Beauvechain AB), MDA(H) for RNAV (GNSS) RWY 04L (12-1) approach lowered from 780' (422') to 750' (392'). Minimums not affected from this change.

**Bergamo**, Italy, (Orio Al Serio), (10-3S thru 10-3X) New temp procedures on trial basis. Refer also to latest NOTAMs. Eff 26 Apr 18.

**Bergen**, Norway, (Flesland), Construction work RWY 17, temp THR RWY 17, two different start positions for DEP RWY 17. Changes in declared distances, LGT and RWY markings.

Construction works on northern part of Rwy17/35 (based on SUP 002-18). Refer to temp chart (10-8A) and latest notams.

Temporary procedures established: (11-01) LOC X RWY 17, (12-01) RNAV (GNSS) X RWY 17 and (12-02) RNAV (GNSS) 140 degrees (based on SUP 002-18). For details refer to temp charts and latest NOTAMs.

**Bergerac**, France, (Dordogne Perigord), (10-3A) SID VELIN 5E and 5W: NAVDATA identifier in chart heading should read [VELI5E] and [VELI5W] instead of [VELIN5E] and [VELIN5W].

**Bilbao**, Spain, Due to temporary unavailability of SSN VORDME the following SIDs are unavailable until approx. 31 Jul 18:

SSN 1R (10-3), SSN 2B (10-3A), SSN 1S (10-3B), SSN 2C (10-3C).

Use other published procedures.

For SID SSN 2A (10-3C) SSN VORDME will be replaced by XAXUS Int at same position.

Refer to latest NOTAMs.

During activation of Phase 2 on works of Replacement of cabling (based on SUP 129-17), TWY D1 is u/s.

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

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

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

Twy W22 MAX wingspan 118' (36m).

**Buckeburg**, Germany, (Buckeburg Army), Rwy 08/26 bearings changed to 075°/255°.

IAPs ILS Rwy 26 (11-1), ILS rwy 26 (COPTER) (11-2): all procedure bearings reduced by 2°.

IAPs PAR or SRA Rwy 08, 26 (18-1), PAR 077° or SRA 077° & 257° (18-2): LOC course changed to 255°. Eff 26 Apr 18.

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

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

**Cognac**, France, (Chateaubernard AB), Rwy 05/23 usable lengths for civil acft established: TORA 7749'/2362m, LDA Rwy 05 7297'/2224m, LDA Rwy 23 7044'/2147m.

Rwy 08 usable lengths for civil acft established: TORA 5935'/1809m, LDA 5222'/1683m. Eff 26 Apr 18.

**Cologne-Bonn**, Germany, Construction works on Rwy 14L/32R (based on SUP 005-18). Refer to temp charts 10-8/10-8A and latest NOTAMs.

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.



## EUROPE

Turn pad rwy 06/24 established to backtrack from thresh rwy 06. Approved for acft up to code letter F.

**Dortmund**, Germany, RNP Rwy 24 (12-2) LPV DA(H) CAT D raised to 702' (301). With TDZ, CL, and HUD: RVR 700m.

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

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

Construction works on apron adjacent Apron TWY 6 (based on SUP 003-18), Eff 01 Apr 2018. Refer to temp chart 10-8D and latest NOTAMS.

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

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

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

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

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

**Duesseldorf**, Germany, Due to construction works based on AIP SUP 10-18, following changes occur to TWY L8-South, L7 and W around stand position 67 thru 71:

Relocation of TWY L8-South (MAX Code E ACFT) to south-west direction.

Temporary use of established TWY Z (MAX Code E ACFT).

Closure of intersection of TWY L7/L8/W and closure of TWY W around stands V67 and V68.

Closure of ACFT stands V62, V64, V67 thru V71 and V81 thru V86.

Replacement stands V61, V63, V65, V72 thru V76 and V91.

For additional information on construction works refer also to latest NOTAMS.

Following communication frequencies changed: D-ATIS from 123.775 to 123.780 MHz, Tower from 118.3 to 118.305 MHz, Delivery from 121.775 to 121.780 MHz, Ground from 121.9 / 121.6 to 121.905 / 121.605 MHz. Eff 26 Apr 18.

For construction works information (based on SUP 010-18) refer to 10-8 and latest NOTAM.

**Elefsis**, Greece, (10-9) Rwy 36 PAPI-L angle changed to 3.0°.

**Evora**, Portugal, ALS Rwy 19 out of service (based on SUP 015-18).

**Faro**, Portugal, FAR NDB and associated procedures withdrawn.

Several stands renumbered: 432 thru 436 to 402 thru 406, 442 thru 446 to 412 thru 416, 451 thru 456 to 421 thru 426, 461 thru 466 to 431 thru 436, 471 thru 475 to 441 thru 445. Eff 26 Apr 18.

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.

**Floro**, Norway, FLORO Information freq 121.850 withdrawn.

**Frankfurt/Main**, Germany, Construction area established Northwest of threshold 18, North of twy P1, Left side of parking stand F238.

To increase safety when crossing RWY 07C-25C a RWY incursion alerting system (RIAS) will be installed to supplement existing CAT II-III holding with a stop bar on TWY M8. RIAS is activated when an aircraft even slightly crosses the active stop bar. This sends an alert to the pilot. Four very bright flashing red surface lights at CAT I holding as well as two elevated lights each on both shoulders of TWY M8 between CAT I and CAT II-III holding are activated and tower controllers are alerted.

**Friedrichshafen**, Germany, Taxiway S closed.

**Geneva**, Switzerland, Construction works on Apron. Refer to temporary 10-08 and latest Notams.

**Gibraltar**, Gibraltar, Callsign for Gibraltar Approach changed to Gibraltar Radar.

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

**Girona**, Spain, Works on Apron area (based on AIRAC SUP 31-17). Refer to temporary charts 10-8 thru 10-8C and latest NOTAMS.

Works on TWYs (based on SUP 115/17). Refer to temporary chart 10-8D and latest NOTAMS.

**Goteborg**, Sweden, (Landvetter), (10-9A, 10-9B, 10-9C, 10-9D) Due to construction work on apron (based on SUP 026/18) parking stand 20 is closed. A temporary stand 19A is established between stands 20 and 19 at N57 40.1 E012 17.6, elev 502 ft.

(10-9B, 10-9C, 10-9D) Marshalling is mandatory on northeastern apron between twy F and stands 1 thru 3 when RVR is lower than 350m due to outage of twy centreline lights.

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

For construction works information related to phase 5 refer to 10-8/10-8A and latest NOTAMS (based on SUP 09-18).

**Hammerfest**, Norway, Rwy 05/23 is grooved.

**Hannover**, Germany, Construction works on rwy 09R/27L. Rwy will be closed completely.

The following TWYs and movement areas will be also closed:

- Twy A between TWY C and RWY 09R and between intersection A2 and RWY27L
- TWY B
- TWY C between TWY A and RWY 09R/27L
- TWY D
- Helicopter landing area H1

## EUROPE

Refer to latest NOTAMs. Eff 02 May 18.

Stand 28 push-back required.

**Helsinki**, Finland, (Vantaa), Construction works on apron 1, phase 1A (based on SUP 021-18). Refer to temp chart 10-8A and latest NOTAMs.

For construction works on apron 1 refer to temporary chart 10-8 and latest NOTAMs.

**Hof-Plauen**, Germany, Tower frequency changed to 124.355 MHz. Eff 26 Apr 18.

**Huesca**, Spain, (Pirineos), REIL RWY 12R unserviceable (based on SUP 51/17, with eff date 7 DEC 17: SUP 120/17).

REIL RWY 30L unserviceable (based on SUP 57/17, with eff date 7 DEC 17 SUP 121/17).

**Hyerès**, France, (Le Palyvestre Navy), HYERES Final callsign changed to TOULON Precision. Frequency, service and hours of operation unchanged. Eff 26 Apr 18.

**Ibiza**, Spain, Works in the manoeuvring area (based on SUP 105-17). Use CAUTION due to incomplete lighting and due to the presence of personnel and machinery. The works have the following impact: PHASE 1 - Closure of TWY G, PHASE 3 - Closure of TWY F, PHASE 5 - Closure of TWY D. PHASES 2, 4 and 6 take place outside of operational hours.

Works on apron (based on SUP 90/17). PHASE 1: Gate A closed. PHASE 2: Central TWY of the General Aviation apron in the east are closed. PHASE 3: Central TWY of the General Aviation apron in the central area closed. PHASE 4: General Aviation apron 3 closed.

Works on General Aviation apron (based on SUP 89/17). PHASE 1: General Aviation aprons 1 and 2 closed. PHASE 2: General Aviation apron 3 closed. PHASE 3: Gate A closed. PHASE 4: TWY C between Gate A and TWY G closed. PHASE 5: Works in the strip of TWY C between Gate A and TWY G. PHASE 6: Reduction of the code letter for ACFT which may use TWY C changing from 4E to 4D.

**Ireland West**, Ireland, (Knock), (11-2) ILS B RWY 26: Middle marker 75 kHz out of service.

**Istres**, France, (Le Tube AB), All IAPs available for civil acft.

RNAV (GNSS) Rwy 15 (Final apch) (chart 12-1A): LNAV minimums for civil acft established as follows:

CAT A DA/MDA(H) 490'(413'), RVR 1500m, ALS out RVR 1500m;

CATB DA/MDA(H) 590'(513'), RVR 1600m, ALS out RVR 1600m;

CAT C DA/MDA(H) 690'(613'), RVR 2400m, ALS out RVR 2400m;

CAT D DA/MDA(H) 790'(713'), RVR 3600m, ALS out RVR 3600m. Eff 26 Apr 18.

Works on Airport Area - phase 4 (based on SUP 266/17). Rwy 15/33 temporary THR elev 82/74'. Refer to temp charts 10-8B/10-8C and latest NOTAMs.

Works on Airport Area - phase 5 (based on SUP 039/18). Rwy 15/33 temporary THR elev 82/69'. Refer to temp charts 10-8D/10-8E and latest NOTAMs. Eff 30 Apr 18.

Works on Airport Area - transition from phase 3 to phase 4 (based on SUP 228/17). Refer to temp charts 10-8/10-8A and latest NOTAMs.

**Jerez**, Spain, Works on Aprons A1 and A3 (based on SUP 126-17). Refer to temp chart 10-8 and latest NOTAMs.

**Karpathos**, Greece, (10-9) Rwy 12 PAPI-L angle changed to 3.1 degrees.

**Karup**, Denmark, (Midtjylland Lufthavn), (10-9A) Intersection TORAs for Rwys 09L/27R and 09R/27L shall read Rwy 03/21 instead of 04/22.

Airport name changed to "Midtjylland Lufthavn". Eff 26 Apr 18.

**Kassel**, Germany, (Calden), (10-9) Rwy 09 and 27 SFL available.

**Kerry**, Ireland, Works for provision of directional and information signage (based on SUP 004-18). Refer to temp chart 10-8 and latest NOTAMs.

**Kirkenes**, Norway, (Hoybukmoen), (12-1) RNAV (GNSS) Rwy 06 and (12-2/12-2A) RNAV (GNSS) Rwy 24: LPV minimums suspended.

**Klagenfurt**, Austria, RWY 10L and 28R PAPI on LEFT side of RWY only.

**Kristianstad**, Sweden, (16-2) NDB Rwy 19 due to erected obstacle DA(H) raised to 540' (467'). Minimums for with ALS raised to RVR 1500m, ALS out for CAT C&D to RVR 2200m.

**Landivisiau**, France, (Landivisiau Navy), LANDI Final callsign changed to LANDI Precision. Frequency, service and hours of operation unchanged. Eff 26 Apr 18.

**LANVEOC**, France, (Poulmic Navy), LANVEOC Final callsign changed to LANVEOC Precision. Frequency, service and hours of operation unchanged. Eff 26 Apr 18.

**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.

**Lelystad**, Netherlands, For rwy and twy situation (based on SUP 01-18) refer to temp chart 10-8 and latest NOTAMs.

**Leon**, Spain, ABN out of service; RWY 06/24 natural ground compact closed; Helicopter landing area closed (based on SUP 01-17, eff 1 Mar 2018 based on SUP 24-18).

**Les Eplatures**, Switzerland, All charts - IATA code ZHV

**Liege**, Belgium, During renovation of rwy 04L/22R refer to 10-8 temp charts for Low visibility taxi routes. For stage 2 refer to 10-8 and 10-8A. For stage 4 refer to 10-8B and 10-8C. Stage 1, 3 and 5 have no input on LVP. During stage 6 LVP not available.

The 6 geographical working zones are as follows:

Zone 1: between C0-N0 and C1 included.

Zone 2: between C1 and C2-N2 (included).

Zone 3: between C2-N2 (excluded) and C4-N4 (excluded).

Zone 4: C4-N4 at more than 90 m (295') from the axis of RWY 04R/22L.

Zone 5: Concrete area at C4 at less than 90m (295') from axis of RWY 04R/22L.

Zone 6: Renovation of the apch lights and associated masts.

Refer also to latest NOTAMs.

## EUROPE

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

Following STARs are suspended:

ABB 5A (10-2G)  
BNE 5A (10-2G)  
CIV 5A (10-2F)  
CIV 5B (10-2H)  
CMB 5A (10-2F)  
MATIX 5A (10-2F)  
MATIX 5B (10-2H)  
TRACA 5A (10-2G)

Following SIDs are suspended:

ABB 6E (10-3H)  
ABB 6W (10-3H)  
BNE 6W (10-3J)  
CIV 6E (10-3F)  
CIV 6S (10-3F)  
CIV 6T (10-3F)  
CMB 6X (10-3G)  
CMB 6Y (10-3G)  
MATIX 6E (10-3F)  
MATIX 6S (10-3F)  
MATIX 6T (10-3F)  
TRACA 6W (10-3J)

Refer also to latest NOTAMs.

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

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

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

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

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

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

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

REIL Rwy 31 unserviceable (based on SUP 56-17, with eff date 7 DEC 17: SUP 125/17).

**London, U.K., (Heathrow), (10-3F) SID DET 1J** will be replaced with SID DET 2Z trial procedure on RWY 09R. SID DET 1J will be available on special request by Heathrow Delivery for flights unable to meet the DET 2Z profile. Eff 4 Jan 2018.

Trial RNAV APCHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 1-18, 18 JAN 18). Pilots wishing to take part in the trial should "Request RNAV Yankee" on first contact with HEATHROW Director 119.725. Refer to temporary charts 12-01 thru 12-04. In the event that the required navigation equipment fails, the flight crew shall advise ATC that they can no longer continue with the procedure, or are unable to accept the procedure, using the phraseology: "(Callsign), unable RNAV due equipment". For further assistance email LHROps@nats.co.uk and DD-flightperformance@heathrow.com.

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

**Luxembourg, Luxembourg, Apron 5** temporarily closed between Eastern and Western entries. Fuel station accessible via Western entry.

**Lyon, France, (Saint Exupery), D-ATIS** available.

**Madrid, Spain, (Adolfo Suarez Madrid-Barajas),** Construction works on TWYs (based on SUP 10-18). During phase 1: TWY F5 closed. During phase 3: TWY E4 closed. In the event of interrupted take-off in South configuration departing from RWY 14R, ACFT must backtrack along the RWY. Caution is advised due to the presence of personnel and machinery.

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 15-18).

Works on rwy and twys (based on SUP 144-17). Caution is recommended due to the presence of personnel and machinery. Taxiing should be undertaken at minimum power on the diversions to avoid the effects of jet blast in zones where personnel are working. Operational impacts: During phase 1, rwy 14R/32L closed. During phase 3, twy X6 closed. During phase 4, twy F1 closed. During phase 5, see NOTAM for impacts. During phase 6, rwy 18R/36L closed. During phase 7, rwy 18L/36R closed. Refer also to latest NOTAMs.

Works on stand 6 (based on SUP 130-17). Refer to temp chart 10-8E and latest NOTAMs.

Works on Terminal T4S (based on SUP 36/18). Refer to temp page 10-8 and latest NOTAMs. Eff 26 Apr 18.

Works on TWYs N6 and N9 (based on SUP 42/18). PHASE 1: TWYs N6, N9 and BN3 closed., turns from gate 13 to TWY N6, from TWY EA6 to TWY N9 and from TWY BN3 to TWY B8 shall be unavailable. Eff 26 Apr 18.

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

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

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

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

Paving work on taxiways and apron in 25 phases (based on SUP 098/17, with eff date 7 DEC 17: SUP 132/17). Refer to temp chart 10-8 thru 10-8K and latest NOTAMs.

TWY G-11 closed (based on SUP 123/17).

## EUROPE

**Malta**, Malta, (Luqa), Works at TWY D (based on SUP 001/2018). Refer to temp chart 10-8A and latest NOTAMs.

**Manchester**, U.K., Link AF and rapid exit TWY AE pavement rehabilitation (based on SUP 003-18). Refer to temp chart 10-8 and latest NOTAMs.

**Marseille/Provence**, France, Construction works in progress (based on SUP 243-17, from 29-Mar-18 based on SUP 26-18), refer to temp charts 10-8 thru 10-8D and latest NOTAMs.

Construction works on apron in progress (based on SUP 044-18). Refer to temp charts 10-8E thru 10-8J and latest NOTAMs. Eff 26 Apr 18.

**Mehamn**, Norway, Rwy 17/35 is grooved.

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

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

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

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

Red unserviceability lights are not installed on the following locations: West Side THR19, East and West side RWY 01/19, North side RWY 08/26, South of interception with TWY A3 and A4, South of interception with TWY A5, A6 and H2. (Based on SUP 25-17).

Rwy 08/26 unusable for jet acft due to degraded pavement, except for emergencies.

Twys A2 and E closed.

Use CAUTION while taxiing on TWY B2 between Apron S1 and THR 26 due to damaged pavement. Use caution while taxiing on TWY C centerline abeam stand C3 & on East side of North Apron centerline due to damaged pavement.

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

**Muenster-Osnabrueck**, Germany, Approach frequency, callsign MUESTER/OSNABRUECK Director, 129.175 MHz, H24, established.

(SID/STARs) MSA based on ARP applicable to German territory only.

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

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

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

**Nice/Cote D'Azur**, France, Experiment of Continuous Descent Operations (CDO) on RWY 04 (based on SUP 041/18). Refer to temp chart 11-0A and latest NOTAMs. Eff 26 Apr 18.

**Northolt**, U.K., (Northolt AB), (18-1) PAR OR SRA Rwy 07: due to erection of cranes PAR DA(H) CAT A raised to 494'(380'), RVR with ALS raised to 1300m. PAR DA(H) CAT B raised to 504'(390'), RVR with ALS raised to 1400m, PAR DA(H) CAT C raised to 514'(400'), RVR with ALS raised to 1400m, RVR w/o ALS raised to 1800m.

**Odiham**, U.K., (Odiham AB), (18-3) SRA Y RWY 09 and (18-8) SRA Y RWY 27 withdrawn.

**Orange**, France, (Caritat AB), ORANGE GCA callsign changed to ORANGE Precision. Frequency, service and hours of operation unchanged. Eff 26 Apr 18.

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

**Oslo**, Norway, (Gardermoen), Construction works on airport (based on SUP 001-18). Refer to temp chart (10-8A) and latest NOTAMs.

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

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

**Palma De Mallorca**, Spain, (10-2D): At the crossing above MJV where it reads RUXET 2M and RUXET 2P it should read RUXET 1M and RUXET 1P instead.

Constructions works for new access TWY H2 to RWY 24R (based on SUP 101-17, eff 1 Mar 2018 based on SUP 29-18). Refer to temp chart 10-8B and latest NOTAMs.

Constructions works on THR 24R and TWY H2 (based on SUP 145-17). Refer to temp chart 10-8C and latest NOTAMs.

Works on aprons B and C (based on SUP 118-17, eff 1 MAR 2018 based on SUP 31-18). Refer to temp charts 10-8 thru 10-8A2 and latest NOTAMs.

**Paris**, France, (Charles-De-Gaulle), Closure and restrictions of use of taxiways due to rehabilitation work in the North-West of the aerodrome (based on SUP 20-18). Refer to temp charts 20-8E/8F and latest NOTAMs.

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

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

## EUROPE

- Paris-CDG airport installed a fixed runway closure lighting system in the approaches of runway 08L/26R and 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 08L/26R and 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 January 1st 2018, runway closure lighting crosses are assessed during operations on runway 08L/26R and 08R/26L. The evaluation will go for 1 year.
- Twy R closed between twy TA3 and TE2, both excluded. Twy TE1 closed.
- Paris, France, (Le Bourget), (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 LP and TWY W3 on the East side of stand P12 (based on SUP 28-18).** TWY W3 is a cul-de-sac between TWYs LR and LP. In case of doubt confirm taxi instruction before taxiing on TWY W3 after TWY LR. Stands P03, P12 thru P42, R01 and R22 push-back facing West or facing East beyond TWY LR. Refer also to latest NOTAMs.
- Closure of TWYs W2, L1N, L1S and LGN (based on SUP 181-17). Refer to temp chart 10-8D and latest NOTAMs.
- Construction works on TWYs L3 and W2 and closure of parking stands A11, A12, A21 and A31 (based on SUP 160-17). Refer to temp charts 10-8B and 10-8C and latest NOTAMs.
- If weather conditions worsen (VIS 1500m or less or ceiling below 1000') an increase in holding times at the take-off threshold may occur.
- Renaming of stands on apron N (based on SUP 19-18). Refer to temp chart 10-8 and latest NOTAMs.
- Pau/Pyrenees, France, Works on apron G and twys (based on A1RAC SUP 241-17).** Refer to temp charts 10-8 and 10-8A and latest NOTAMs.
- 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.
- Pisa, Italy, (San Giusto), Radar capability from approach frequency withdrawn.** Eff 26 Apr 18.
- Porto, Portugal, (Francisco SA Carneiro), PRT VOR DME out of service (based on SUP 50-17, eff 9 NOV 17 based on SUP 53-17).**
- Following IAPs are suspended: ILS Rwy 17 (chart 11-1), CAT II ILS Rwy 17 (11-1A), VOR Rwy 17 (13-1), VOR Rwy 35 (13-2), NDB Rwy 17 (16-1), Lctr Rwy 35 (16-2). Refer to new temp IAPs ILS Rwy 17 (TEMP) (chart 11-01), CAT II ILS Rwy 17 (TEMP) (11-01AA), NDB Rwy 17 (TEMP) (16-01) and latest NOTAMs.
- (SIDs/STARs) PRT VORDME out of service and replaced by WPT OTREG at same position. SIDs MANIK & TURON 4N & 4S suspended. Temp charts 10-2F thru 10-2M, 10-3F thru 10-3N published. Effective date on temp charts should read 09 Nov instead of 17 Aug. Refer also to latest NOTAMs.
- Rheine, Germany, (Bentlage Army), (18-1)** BENTLAGE Radar frequency 123.3 withdrawn.
- Rochefort, France, (Charente-Maritime), Airport name changed to Charente-Maritime.**
- Rome, Italy, (Ciampino), SIDs RWY 15 suspended.** Temporary SIDs RWY 15 established on trial basis. Refer to temp charts and latest NOTAMs.
- Rome, Italy, (Fiumicino), High speed taxiway turn-off AG closed.** Eff 26 Apr 18.
- WIP on apron and twy B (based on SUP 011-17). Refer to 10-8 yellow page and latest Notams.
- Salon, France, (Salon AB), Airport and location name changed to Salon de Provence.**
- San Sebastian, Spain, Due to temporary unavailability of SSN VORDME the following SIDs are unavailable until approx. 31 Jul 18:** BTZ 2A, BLV 1A, CEGAM 1E, PPN 1C (10-3), BTZ 1B, BLV 3B, CEGAM 2D, PPN 1B (10-3A). Use other published procedures. Also refer to latest NOTAMs.
- VORDME SSN 117.9 MHz temporarily out of service (based on SUP 28-18). IAP VOR RWY 22 (chart 13-1) unserviceable.
- Sandefjord, Norway, (Torp), (10-9)** Construction works on manoeuvring area with temporary closure of TWY, refer also to latest Notams. Working period will take place mostly outside the airport opening hours. Southern part of TWY 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 116/17).** Refer to temp chart 10-8/10-8A and latest NOTAMs
- Satenas, Sweden, (Satenas AB), (11-1) ILS or LOC Rwy 19, (18-1) PAR Rwy 01 & (18-2) PAR Rwy 19 suspended due to Rwy 01/19 closure. (16-1) NDB Rwy 01 & (16-2) NDB Rwy 19 can be used for a visually circle-to-land to Rwy 11/29.**
- Scatsta, U.K., (10-1R) Trans alt chgd to 3000'.** RWY 24: PAPI range 4.00', MEHT 29'.
- Seinajoki, Finland, RNAV (GNSS) Rwy 32 (12-2)** Waypoint ULRAB to read as ULRAT.
- Shawbury, U.K., (Shawbury AB), (11-2)** Copter VOR ILS DME Rwy 18, inbound fix D7.0 ISHY withdrawn, SMA before FAF increased to 1210' (968'). (18-2) PAR Rwy 18, DA(H) and minimums increased to: CAT A 632' (390'), CAT B 642' (400'), 1300m with ALS, 2100m w/o ALS, CAT C & D 652' (410'), 1500m (CAT C 1400m) with ALS, 2300m (CAT C 2200m) w/o ALS. (18-4) PAR Rwy 23, DA(H) and minimums increased to: CAT A 588'



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(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, (Vitsentzos Kornaros), (STARs/SIDs) Add note: DME Required.

**Solenzara**, France, (Solenzara AB), Rwy 18/36 HIRL spacing is 60m. Rwy 18/36 stopways withdrawn. PAR frequency, callsign ZARA Precision, 123.3 MHz, PTO, established. Eff 26 Apr 18.

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

**Stockholm**, Sweden, (Bromma), (26-2) NDB DME Rwy 30 and (26-3) 2 NDB Rwy 30: Due to 4 temporary cranes minima raised (based on SUP 13-18). DA/MDA(H) raised to 630' (588'), CAT C minima with ALS raised to RVR 2300m and ALS out raised to RVR 2400m. Circling CAT B MDA(H) raised to 680' (633').

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

**Strasbourg**, France, (Entzheim), (10-2, 10-3/3A, 10-3B) From 29-Mar-18 to 07-May-18 SE NDB u/s due to works. SIDs BERUG & EPIKO 7J (10-3) and GTQ 7J (10-3A) suspended. For valid GTQ & LUPEN SIDs refer to temp charts 10-3F/G and also to latest NOTAMS.

SE NDB unavailable due to works (based on SUP 024/18).

Following IAPs are suspended:

Initial approach Rwy 23 (Conventional) (chart 11-0B), ILS or LOC Rwy 05 (Final approach) (chart 11-1), ILS or LOC Rwy 23 (Final approach) (chart 11-2), CAT II/III ILS Rwy 23 (Final approach) (chart 11-2A), VOR Rwy 05 (chart 13-1), VOR Rwy 23 (Final approach) (chart 13-2), NDB Rwy 23 (Final approach) (chart 16-1).

Following temporary IAPs are available:

Initial approach Y Rwy 23 (Conventional) (chart 11-0B1), ILS Y or LOC Y Rwy 05 (Final approach) (chart 11-01), ILS Y or LOC Y Rwy 23 (Final approach) (chart 11-02), CAT II/III ILS Y Rwy 23 (Final approach) (chart 11-02AA), VOR Y Rwy 05 (chart 13-01), VOR Y Rwy 23 (Final approach) (chart 13-02).

Refer also to latest NOTAMS.

**Stuttgart**, Germany, Construction works on airport (based on SUP 004-18). Refer to temporary chart 10-8 and latest NOTAMS.

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

**Tampere**, Finland, (Pirkkala), Construction works on aerodrome area. Temporary procedures established. Refer to TEMP SID/STARs (10-2A1, 10-2C1, 10-3A1, 10-3C1) and latest NOTAM. Eff 26 APR 2018. Eff 26 Apr 18.

Construction works on movement area (based on SUP 022-18). Refer to temp chart 10-8 and latest NOTAMS.

Construction works on Temporary Rwy 06/24C (based on SUP 002-18). Refer to temp charts (10-8A and 10-8B) and latest notams. Eff 26 Apr 18.

Temporary procedures established: (12-01) RNAV (GNSS) RWY 24C and (13-01) VOR RWY 24C (based on SUP 032-18). For details refer to temp charts and latest NOTAMS. Eff 26 Apr 18.

**Thessaloniki**, Greece, (Makedonia), Several procedures established according to SUP 01/18 - refer to charts 10-2H, 10-2J, 10-2K, 10-2L, 10-3H, 10-3J, 13-4 and 13-5 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."

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

**Umea**, Sweden, (11-1) ILS or LOC RWY 14 and (13-1) VOR RWY 14: Due to temporary crane minima for LOC (GS out) with D2.5 NU DA(H) raised to 470' (446'), RVR with ALS 1400m and CAT C&D ALS out CMV 2100m. VOR with D3.0 DA(H) raised to 470' (446'), RVR with ALS 1400m and CAT C&D ALS out CMV 2100m.

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

**Vigo**, Spain, Works on apron and TWY C1 (based on SUP 12-18). During Phase 4: TWY C1 closed. Caution is recommended due to the presence of personnel and machinery.

Works to substitute ILS/DME RWY 19 (based on SUP 13-18). During Phase 2 following procedures unserviceable: ILS Z RWY 19 (chart 11-1/11-1A), ILS Y RWY 19 (11-2/11-2A) and ILS X RWY 19 (11-3/11-3A). During Phase 3 following procedures unserviceable: ILS Z RWY 19 (chart 11-1/11-1A), ILS Y RWY 19 (11-2/11-2A), ILS X RWY 19 (11-3/11-3A), LOC Z RWY 19 (11-4), LOC Y RWY 19 (11-5), LOC X RWY 19 (11-6) and NDB Z RWY 19 (16-2).

**Vila Real**, Portugal, ALS Rwy 02 out of service (based on SUP 13-18).

**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.

Due to temporary unavailability of VFD VORDME following IAPs are suspended: (13-1) VOR Rwy 04 and (13-2) VOR Rwy 22 (based on SUP 97/17, eff 29 MAR 2018 based on SUP 33/18). Refer also to latest NOTAMS.

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

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

Also refer to latest NOTAMS.

For construction works on apron area (based on SUP 141/17) refer to temporary chart 10-8B 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').

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

**Wunstorf**, Germany, (Wunstorf AB), Additional TWR frequency 132.050 MHz, PTO, avbl.

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

**Yeovilton**, U.K., Note added: CAUTION: The magnetic heading of rwys 09/27 are not accurately reflected by their current physical designation on the runway.

**Zadar**, Croatia, (Zemunik), Construction works on airport area. Refer to temp chart 10-8 and latest NOTAMS.

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

(Part 1 of 2) Preparation for implementation of A-SMGCS (Advanced Surface Movement Guidance and Control System) surveillance, therefore users shall follow procedures as described below: Flight crew are required to select XPDR (ATC Transponder) or the equivalent according to specific installation, AUTO if available (not OFF or SDBY), and assigned mode A code (Squawk) - departures (from the request for push back or taxi, whichever is earlier), arrivals (until ACFT is parked on stand).

(Part 2 of 2) ACFT equipped with a Mode S transponder that has an ACFT identification feature should also select the ACFT identification in ICAO format. ACFT not equipped with a Mode S are requested to state "No mode S transponder" to Zagreb Ground at first contact. ACFT taxiing without flight plan shall select Mode A code 2000. To ensure that other systems based on SSR frequencies are not compromised ACAS shall not be selected: departures - prior receiving clearance to line up, arrivals - after vacating the RWY.

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

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

Construction works on apron (based on SUP 127/17). Refer to temp chart 10-8 and latest NOTAMS.

**Zurich**, Switzerland, Construction works between south of twy E and Maintenance Hall 3. Refer to temp chart 10-8B and latest NOTAMS.

Taxiway G closed due to WIP North of taxiway E1. Refer also to latest NOTAMS.

**Zweibrucken**, Germany, (SIDs) General note: Contact LANGEN Radar immediately after take-off. withdrawn.