

EUROPE

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

ENROUTE CHARTS**GENERAL**

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

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ALL ATS ROUTES above FL205 withdrawn within Belgrade FIR/UIR, Sarajevo FIR/UIR and Zagreb FIR/UIR except for KFOR Sector (Kosovo) and Airspace portions where the provision of ATS is temporary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.**

RUSSIA

ATS ROUTE SYSTEM (HIGH/LOW) revised. For details refer to SUPPL EA (HL)-7A. **E LO-9.**
 SPECIAL USE AIRSPACE established for the FIFA World Cup 2018. For details refer to CCN 313/314 and CCN 315/316, until 17 JUL 18. **E LO-10.**

AUSTRIA

GUKTU (N4810.1 E01645.6) withdrawn. **E LO-12/7A.**
 LIDS1 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 OGRUB (N4754.9 E01355.8) withdrawn.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 PABSA (N4831.7 E01344.3) withdrawn.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. **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 P727, LITVI (N5429.9 E02648.5) and KUREN withdrawn; RUBUN - DUBIN, 83NM.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:**

L/UL745, Costa VORDME (COA) to TULIP closed (until 28 Jun 2018). **EHAM 10-1, E LO-3/4AB.**
 L607, Mackel NDB (MAK) to [NIK40], MEA 5000'. **EBBR 10-1, E LO-3/4ABD.**
 L745, [COA01] (N5122.3 E00322.0) withdrawn. **E LO-3/4A.**
 M617, [MAS12] replaced by ROFAC NCRP at N5053.5 E00541.3. **EBBR 10-1, E LO-3/4B5A.**
 M624, [NIK08] replaced by TRARE NCRP at N5117.2 E00409.2. **EHAM 10-1, EBBR 10-1, E LO-3/4B.**
 Y868, [MAS15] replaced by OGBOL NCRP at N5049.3 E00539.3. **EBBR 10-1, E LO-3/4D5B.**

BOSNIA AND HERZEGOVINA**ATS ROUTES changed:**

L5, REMPI (N4344.2 E01649.4) - SOLGU, 054°. **E LO-13/3AB.**
 L172, DEVUL (N4507.8 E01626.5) - KOMAR, 120°/300°. **E LO-12/7C, E LO-13/3A.**
 L187, TEBLI (N4512.1 E01640.6) - KOMAR, 155°/336°; VRANA - BARIT, 151°/331°; ETELI withdrawn, BARIT - GEBNI, 30NM. **E LO-12/7C, E LO-13/3ABD.**
 L196, KOMAR (N4457.5 E01648.3) - NOVLO, 017°/197°. **E LO-12/7C, E LO-13/3A.**
 L603, LURID (N4508.1 E01724.0) - DOBOT, 131°. **E LO-12/7C, E LO-13/3B.**
 L608, PODOB (N4331.9 E01908.7) - Sarajevo VORDME (KEB), 305°/(125°). **E LO-13/3B4AC.**
 L615, NAVSU (N4432.9 E01654.1) - KOREX, 282°. **E LO-13/3A.**
 M725, RUDIK (N4459.8 E01618.3) - MONID, 175°/355°. **E LO-13/3A.**

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N131, SOMUN (N4435.8 E01906.3) - DIMSI, 110°/290°. **E LO-13/4A.**

N748, DEPT (N4440.7 E01558.2) - RUDIK, 033°/213°; RUDIK - PIXAL, 034°/214°. **E LO-12/7C, E LO-13/3A.**

P10, BARIT (N4315.7 E01751.4) - XELMI, 028°/209°; Sarejevo VORDME (KEB) - VIBOP, 006°/186°. **E LO-13/3BD.**

P11, KOMAR (N4457.5 E01648.3) to VIBOP, 084°/264°. **E LO-12/7C, E LO-13/3AB.**

P738, VEBAR (N4408.2 E01910.8) - NESUX, 115°. **E LO-13/4A.**

T392, MARIL (N4438.0 E01720.0) - EDALA, 160°/340°; EDALA - BARIT, 160°/341°. **E LO-13/3BD.**

Y88, KENEM (N4338.0 E01656.8) to GILUK, 070°/251°. **E LO-13/3BCD.**

Y128, EVTON (N4442.6 E01657.5) - ORVAT, 167°. **E LO-13/3ABC.**

Y137, NIVES (N4513.4 E01554.5) - RASTU, 199°. **E LO-12/6D, E LO-13/3A.**

Z924, GILUK (N4352.0 E01806.3) - VRANA, 251°/070°; VRANA - PEVON, 238°. **E LO-13/3BD.**

BULGARIA

PLOVDIV Locator (P) ident chgd to 'PD'. **E LO-13/5D.**
PLOVDIV Locator (PDV) decmsnd. **E LO-13/5D.**

PLOVDIV TMA estbld; 1400'-12500'. (N42 E 024). **E LO-13/5D.**

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.**

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.**

AALBORG Locator (GL) decmsnd. **E LO-1/4C.**
EVGUN NCRP estbld at N5816.3 E01001.0. **E LO-1/4C.**

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. **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. **E LO-9/3B.**

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

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. **LSSG 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, LSSG 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. **LSSG 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]. **LSSG 10-1, LFLL 10-1, E LO-5/6A.**

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- 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) - EPIXO 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. **E LO-5/5D6C, E LO-6/10AB, E LO-14/6B.**
- T626 estbld, Hericourt NDB (HR) CRP - DOUCI NCRP at N4723.1 E00702.1, 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. **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.**
- 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-10/7D.**
- L132, ANEBO NCRP estbld at N5232.9 E01349.8; SONUD - ANEBO - RENKI, 17/23NM. **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, 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-10/7D8C, E LO-11/1B2A.**
- M852, TUGDU (N5439.2 E00954.7) to Hamburg VORTAC (HAM), CDR1. **E LO-10/7CD.**
- N125, REVL (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-10/8C.**
- 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.**
- 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-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, TEMLU (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-10/7C.**
- P615, Elbe VORDME (LBV) to TUGDU, CDR1. **E LO-10/7CD.**
- P999, Helgoland VORDME (DHE) to SOMPO, CDR1. **E LO-10/6D7C.**
- Q200 redesignated L735, POGAB (N5150.7 E01359.0) to GOVEN. **E LO-11/2AB.**
- 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-10/7D.**
- T161 extended; ASPAT (N4911.8 E01043.6) - GIMAX NCRP at N4919.9 E01031.9, 314°, 11NM, MEA 6000'; GIMAX - SIRIO NCRP at N4934.4 E01004.4 - TOSTU, 306°, 23/13NM; TOSTU - LEPSA, 305°, 11NM; LEPSA - Spessart NDB (PSA), 281°, 10NM; GIMAX to Spessart NDB, MEA 5000'; ASPAT to Spessart NDB, one-way NW-bound, CDR 3. **E LO-11/1CD, EDDF 10-1.**

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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-Holtenau NDB (KIL), CDR1. **E LO-10/7CD.**

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

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

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

Y206, PINOB NCRP estbld at N5231.5 E01412.6; KUSES NCRP estbld 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 estbld; 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 estbld; SIMBA NCRP (N4813.8 E01300.9) - SELAR NCRP at N4829.3 E01308.6, 015°, 16NM, MEA 5000', one-way N-bound, cruising levels NON-standard, EVEN levels N-bound. **E LO-12/6A, EDDM LO-10-1.**

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

Z39, LALIN (N4852.8 E01314.5) - DOMAL realigned; LALIN - DOLUP NCRP at N4907.2 E01323.7, 019°. **E LO-11/2C, EDDM LO-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-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-10/7D8C, E LO-11/1B.**

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

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

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

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

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

RUDAK HOLDING estbld 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 LO-10-1.**

B34, ETERU NCRP estbld at N3628.1 E02703.6, VANES - ETERU - GILOS, 33/8NM. **E LO-14/10C.**

G18, EVUNU NCRP estbld at N3557.0 E02845.1, NILAS - EVUNU - ALKIS, 19/76NM. **E LO-14/10D.**

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

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

L52, RUPUM NCRP estbld at N3606.2 E02722.2, NAXAS - RUPUM - LINRO, 34/18NM. **E LO-14/10C.**

L609, EVUNU NCRP estbld at N3557.0 E02845.1, NILAS - EVUNU - ALKIS, 19/76NM. **E LO-14/10D.**

L995, OBUPO NCRP estbld at N3553.1 E02841.2, IRBAX - OBUPO - AMONO, 18/80NM. **E LO-14/10D.**

M601, ETERU NCRP estbld at N3628.1 E02703.6, GILOS - ETERU - VANES, 8/33NM. **E LO-14/10C.**
P169, Athens VORDME (ATV) to Chania VORDME (SUD), MEA FL100. **LGAV LO-10-1.**

V57, RUPUM NCRP estbld at N3606.2 E02722.2, TIPAS - RUPUM - LOKNA, 32/12NM. **E LO-14/10C.**

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

ITALY

ATS ROUTES changed:

L5, Alghero VORDME (ALG) to TINTO, MEA FL100. **E LO-6/10B, E LO-14/6B7A.**

L5, INKUB (N4259.2 E01502.3) withdrawn; SUTOB - VAPUP, 35NM. **E LO-13/2D3C.**

L42, Alghero VORDME (ALG) - IVORY, MEA FL100. **E LO-6/10B, E LO-14/6B.**

EUROPE

- L50, EVROG CRP estbld at N4315.3 E00948.8; KONER - EVROG - BAKRO, 20/5NM. **E LO-13/1C**.
- L612, LAPVO CRP estbld at N4320.0 E01352.6; MASEG - LAPVO - NUTRO, 7/16NM. **E LO-13/2D**.
- L613, GISNU CRP estbld at N4329.0 E01414.0; LISKO and DIPEP withdrawn; GISNU - RIVAM, 90NM. **E LO-13/2D3C**.
- L614, Chioggia VORDME (CHI) to LABIN, chgd to two-way, MEA FL100. **E LO-12/5D6C (stub), E LO-13/2A**.
- L615, NOBMI CRP estbld at N4538.9 E01030.4; NEVNI - NOBMI - ELTAR, 4/5NM. **E LO-4/10D**.
- L865, ERDON (N4317.7 E01302.2) chgd to CRP. **E LO-13/2C**.
- L869, KOGEB CRP estbld at N3850.7 E01637.9; VADES withdrawn; Crotone VORDME (CRN) - KOGEB - Caraffa VORTAC (CDC), 23/13NM. **E LO-14/8C**.
- M600 estbld; AMREX NCRP (N3758.3 E01755.0) - SODMO CRP, 230°/049°, 23 NM, MEA FL100. **E LO-14/8C**.
- M601, TESP (N3834.6 E01847.0) withdrawn; TOMGI - RUTOM, 39NM. **E LO-14/8D**.
- M603, ATNET CRP estbld at N4045.9 E01008.1; SUKUN - ATNET - ROXAN, 10/49NM. **E LO-14/7A**.
- M620, BADAV (N3746.6 E01659.5) withdrawn; MASOT - PESAR, 40NM. **E LO-14/8C**.
- M725, BEDPI CRP estbld at N4115.0 E01446.2; MOLUX - BEDPI - Sorrento VORDME (SOR), 4/45NM. **E LO-14/7B**.
- M728, SODMO (N3743.8 E01731.7) chgd to CRP, ORTIX and ADMAS withdrawn; MASOT - SODMO - BELIX, 42/84NM. **E LO-14/8CSD**.
- M729, UPDIN CRP estbld at N4322.7 E00954.2 and EKPAR at N3828.5 E01656.0; BETEN - UPDIN - NORNI, 12/7NM; DELIK - EKPAR - AMREX, 16/56NM. **E LO-13/1CD, E LO-14/8C**.
- M730, Genoa VORDME (GEN) to Torino VORDME (TOP) MEA FL100. **LIMC 10-1, E LO-5/6AB**.
- M732, Alghero VORDME (ALG) to KOVAS, MEA FL100. **E LO-6/10B, E LO-14/6B**.
- M736, SUXUB CRP estbld at N4152.9 E01404.8; KASTU withdrawn; EKML - SUXUB - ERIKA, 17/16NM. **E LO-13/2D, E LO-14/7B**.
- 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**.
- M859, TODNO CRP estbld at N4431.6 E01103.7; Bologna VORDME (BOA) - TODNO - LURUT, 10/3NM. **E LO-13/1B**.
- M872, IVMEP CRP estbld at N4316.4 E01322.1; GUBIN, ERDON and NORKI withdrawn; LIKNO - IVMEP, 123°/304°, 54NM; IVMEP - GUIDPO, 151°/331°, 31NM. **E LO-13/2CD**.
- N606 estbld; BABAG NCRP at N4523.2 E01307.6 - BADOP NCRP, 309°/129°, 7NM, MEA FL100, CDR 3. **E LO-12/6C**.
- N606, BABAG (N4523.2 E01307.6) - BADOP, MEA FL100, CDR 3. **E LO-13/2A**.
- N737, UNUMU CRP estbld at N4325.4 E01243.2, GUBIN, EVNEK, KONUT and RONAB withdrawn; UNUMU - IPGOR, 38NM. **LIRF 10-1, E LO-13/2C, E LO-14/7A**.
- P167 estbld; ARSIK CRP (N4038.7 E00827.7) - EKPOD CRP at N4026.6 E00911.5, 109°, 36NM, MEA FL110, one-way SE-bound. **E LO-6/10D, E LO-14/6B**.
- Q72, DODEL (N3736.1 E01611.5) to AMREX realigned; DODEL - SODMO CRP, 081°/261°, 64NM. **E LO-14/8C**.
- Q81, PAPIZ (N4053.5 E01857.1) - EKTOL realigned; PAPIZ - AMSOR CRP, 186NM. **E LO-14/7B8AB**.
- Q125, KOVAS (N3938.7 E00904.2) - DEXUL - LABOM, MEA FL100/FL110; UREXE CRP estbld at N4055.0 E00940.6, ADRUX - UREXE - ROMPO, 10/12NM; route extended SUKOM - NIMUM, for route details see Z71. **E LO-6/10B, E LO-13/1B2A, E LO-14/6B**.
- Q213 estbld; KOVAS CRP (N3938.7 E00904.2) - GIGGI NCRP at N4015.5 E00909.8, 006°, 37NM, MEA FL120; GIGGI - CORSI CRP, 345°, 66NM, MEA FL100; one-way N-bound. **E LO-6/10B, E LO-14/6B**.
- Q549, INTUD (N4228.3 E01237.2) - KATAR realigned; INTUD - GOTMO NCRP, 014°, 46NM. **LIRF 10-1, E LO-13/2C**.
- Q702, USOBU (N4522.2 E01038.2) replaced by OTKEK CRP at N4522.1 E01038.8. **E LO-4/10D, E LO-12/5D, E LO-13/1B2A**.
- Q710, APSUX CRP estbld at N4111.2 E01034.9; TINTO - APSUX - PIDUL, 28/13NM. **E LO-14/7A**.
- Q714, INDUM CRP estbld at N4058.8 E00851.1; ROMPO - INDUM - GINOX, 42/39NM. **E LO-6/10B, E LO-14/6B**.
- Q985, ETPUB (N4545.0 E01034.5) replaced by NOBMI CRP at N4538.9 E01030.4; Albenga NDB (ABN) - NOBMI, 137NM. **LIMC 10-1, E LO-5/6B, E LO-4/10D, E LO-13/1AB**.
- T1 estbld; ORVEX (N4040.6 E00852.0) - UREXE CRP at N4055.0 E00940.6, 068°, 40NM; UREXE - APSUX CRP at N4111.2 E01034.9, 067°, 44NM; ORVEX to APSUX, MEA FL100, one-way NE-bound. **E LO-6/10B, E LO-14/6B7A**.
- T128, DISBA (N4330.6 E01220.3) replaced by MOGPU CRP at N4334.0 E01221.5, MOGPU - NIKMA, 31NM. **E LO-13/2C**.
- T345, ABULO (N4534.5 E00659.7) - LURAG, MEA FL190, chgd to one-way-SE-bound. **LIMC 10-1**.
- T678, IPDAB CRP estbld at N4457.7 E01051.0; NUVLA withdrawn; IBNAN - IPDAB, 34NM; IPDAB - NEVMO, 098°, 23NM. **LIMC 10-1, E LO-13/1B**.
- Y2 estbld; ENOXA CRP (N4112.1 E01740.1) - PAPIZ CRP; 105°/285°, 61NM, MEA FL100, CDR 3. **E LO-14/8AB**.
- Y106, MOMOD (N4334.7 E01212.3) replaced by DIPVO CRP at N4337.6 E01212.5; DIPVO - NIKMA, 34NM. **E LO-13/2C**.
- Y159, Carbonara VORDME (CAR) to RONAB, CDR status withdrawn. **E LO-14/6B7A**.
- Y504, OGPUD CRP estbld at N4437.0 E01101.1; Bologna VORDME (BOA) - OGPUD - BETMU, 13/9NM. **E LO-13/1B**.
- Y579, NUTRO (N4309.6 E01409.0) replaced by LAPVO CRP at N4320.0 E01352.6; LAPVO - INKIM, 155°/335°, 32NM. **E LO-13/2D**.
- Z43 extended; NIMUM (N4446.7 E01153.0) to OTGIG, for route details see Z71; OTGIG - Chioggia VORDME (CHI) CRP, 056°/236°, 8NM, MEA FL100. **E LO-13/1B2A**.

EUROPE

Z71, SUKOM (N4433.2 E01140.2) to OTGIG, withdrawn; route extended, BASOG - TULIK CRP, 052°/232°, 16NM, MEA FL100. **E LO-12/5D6C, E LO-13/1B2A.**

Z388, ABMOG CRP estbld at N4442.9 E01058.2; BETMU - ABMOG - Chioggia VORDME (CHI), 7/60NM. **E LO-13/1B2A.**

Z456 extended; LOBSI (N4454.3 E01210.4) - OTGIG NCRP; 336°/156°, 6NM, MEA FL100. **E LO-13/2A.**
Z637 redesignated L615, AOSTA (N4547.8 E00720.8) - BANKO. **LIMC 10-1, E LO-4/9D.**

Z810, PEMAR (N4201.8 E01255.2) - KATAR realigned; PEMAR - GOTMO NCRP, 358°, 71NM. **LIRF 10-1, E LO-13/2C.**

Z904 redesignated L81, LORNO (N3724.0 E01900.0) to ALIXI, DOGUS - VEOBOX, DOGOB to LUPOSS; MONIK withdrawn; LORNO - TOMGI, 87NM; GEMVI - ALIXI, CDR 2. **E LO-13/1B, E LO-14/8ACD.**

Z923 extended; KONUT (N4117.6 E01201.0) - RONAB, for route details see N737. **LIRF 10-1, E LO-14/7A.**

Z924, ATPIT (N4214.8 E01352.3) replaced by TIXIR NCRP at N4215.3 E01353.5; SUTAD CRP estbld at N4035.8 E00858.1, KOLUS - SUTAD - USEPI, 23/28NM. **E LO-6/10B, E LO-13/2D, E LO-14/6B.**

Alghero NDB (ALG) decmsnd. **E LO-6/10B, E LO-14/6B.**

Ciampino NDB (CIA) decmsnd. **LIRF 10-1.**
RAISI NDB (PRS) decmsnd. **E LO-14/7CD.**
SARDEGNA CTA Class 'D' estbld. Altitudes 1500'MSL-FL105. (N40 E008). **E LO-6/10B, E LO-14/6B7A.**

VENICE NDB (VEN) decmsnd. **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°. **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.**

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.**

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

AKOKU NCRP estbld at N6601.8 E01328.6. **E LO-7/3A.**

INVAL NCRP estbld at N6822.0 E01455.4. **E LO-7/3B.**

ODNOS NCRP estbld at N6617.4 E01346.1. **E LO-7/3A.**

POLAND

ATS ROUTES changed:

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

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

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

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

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

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

T375, MEBAN (N4927.3 E01938.8) - ROXUG, CDR 1. **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-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-10/8D.**

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

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

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

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. **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. **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. **E LO-11/3D4C.**

EUROPE

DARLOWO MATZ redesignated to MCTR. (N54 E016). **E LO-10/8D**.
 INOWROCLAW MATZ redesignated to MCTR. (N52 E018). **E LO-10/8D9C**.
 JABLONKA VORDME (JAB) decmsnd. **E LO-11/3D**.
 KRZESINY MATZ redesignated to MCTR. (N52 E016). **E LO-10/8D, E LO-11/3A**.
 LASK MATZ redesignated to MCTR and MTMA. (N51 E018). **E LO-11/3B**.
 LECZYCA MATZ redesignated to MCTR. (N52 E018). **E LO-10/9C, E LO-11/3B**.
 OKSYWIE MATZ redesignated to MCTR. (N54 E018). **E LO-10/8D9C**.
 POWIDZ MATZ redesignated to MCTR and MTMA. (N52 E017). **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 NDB (PG) decmsnd. **E LO-6/7B**.
 PORTO NDB (POR) decmsnd. **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. **E LO-12/8D, E LO-13/5A**.
 Y88, ELDET (N4417.2 E02345.4) to ANASA, MEA FL60. **E LO-13/5A**.

RUSSIA

ATS ROUTES changed:

A131, ERUNA NCRP estbld at N5411.6 E03605.0; NELEP - ERUNA - AGNIN, 11/28NM, MEAs FL60/FL80; AGNIN - ARLAB, MEA FL60. **E LO-9/5D**.
 A716, AGONA (N5524.0 E02033.2) - TURIP, MOCA 2000T; TURIP to Khrabrovo VORDME (KRD), MOCA 2400T; Khrabrovo VORDME to GITOV, MOCA 2600T. **E LO-10/9AC**.
 A926, NIFAL NCRP estbld at N5449.6 E02112.9; Khrabrovo VORDME (KRD) - NIFAL - BENAL, 22/15NM. **E LO-10/9AB**.
 B8, TRAFRA NCRP estbld 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 estbld at N5411.6 E03605.0; Maloye Skuratovo NDB (GD) - ERUNA - GULMA, 51/5NM. **E LO-9/5D**.
 FK4T estbld; Gagarin NDB (FK) CRP - DINEL NCRP - LUKOS CRP at N5536.0 E03716.3, 078°, 50/27NM; LUKOS - Klimovsk NDB (LO) CRP, 140°, 17NM; Klimovsk NDB - 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, Yukhnov NDB (UK) - SUNAB, MEA FL60. **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)-34 estbld; GND-6600. (N59 E032). **E LO-9/4B**.
 UU(P)-401 estbld; GND-3300. (N58 E038). **E LO-9/5B**.
 UU(P)-402 estbld; GND-3300. (N58 E038). **E LO-9/5B**.
 UU(P)-403 estbld; GND-3300. (N57 E038). **E LO-9/5B**.

SERBIA-MONTENEGRO

ATS ROUTES changed:

A482, LOKDI (N4129.7 E01820.4) - BALEM, MEA 6000'. **E LO-13/3D4C, E LO-14/8B**.
 L611 extended; KOFER (N4155.6 E01839.8) - VAKSU, 306°, 8NM, MEA 5000', one-way NW-bound. **E LO-13/4C, E LO-14/8B**.
 W36, TEPKO (N4144.5 E01825.7) - PINUK, MEA 7000'. **E LO-13/3D4C, E LO-14/8B**.
 Y575, GAZON NCRP estbld at N4409.8 E02053.2, IDABO - GAZON - Belgrade VORDME (BGD), 12/47NM. **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 estbld at N4908.2 E02105.0; NOKRI - INKIX, 14NM, MEA 4800', MOCA 4800T; INKIX - LENOVA, 12NM, MEA 5000', MOCA 5000T. **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**.
 M866, Dubove NDB (DBV) replaced by NIDOK NCRP at N4852.4 E01849.3; BABKO - NIDOK, MOCA 7300T. **E LO-11/3D**.
 M985, Dubove NDB (DBV) replaced by NIDOK NCRP at N4852.4 E01849.3; MOCON NCRP estbld at N4909.2 E01912.9; NIDOK - MOCON - MEBAN, 23/25NM, MOCA 6800T. **E LO-11/3D, E LO-12/7B**.
 P27, MOCON NCRP estbld at N4909.2 E01912.9, LIPMU - MOCON - RUTKI, 16/11NM; MOCON to Zilina NDB (ZLA), MOCA 7200T. **E LO-11/3D**.
 R23, Dubove NDB (DBV) replaced by NIDOK NCRP at N4852.4 E01849.3; MOCON NCRP estbld at N4909.2 E01912.9; NIDOK - MOCON - MEBAN, 23/25NM, MOCA 6800T. **E LO-11/3D, E LO-12/7B**.

EUROPE

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 estbld, REGTO CRP at N4924.2 E02039.9 - INKIX NCRP at N4908.2 E02105.0, 129°, 23NM, MEA 5400', one-way SE-bound. **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.**

Y301, NIDOK replaced by KREMI NCRP at N4847.0 E01853.0; KALIF - KREMI, 297°, 32NM. **E LO-11/3D, E LO-12/7B.**

DUBOVE NDB (DBV) decmsnd. **E LO-11/3D, E LO-12/7B.**

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 estbld at N4221.9 W00040.0; RONNY NCRP estbld 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. **E LO-6/8C.**

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

OLOXO NCRP estbld at N4226.1 E00130.8. **E LO-5/4D, E LO-6/9A, LEBL 10-1.**

RUTIP NCRP estbld at N4228.7 E00126.2. **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 2018). **E LO-5/3CD.**

TABANERA VORDME (NEA) decmsnd and replaced by UNOVI CRP at same position, until 06 Dec 18. **LEMD 10-1/to-note, E LO-5/2D3C, E LO-6/8AB.**

SWEDEN

ATS ROUTES changed:

M743, Ronne VOR (ROE) - GORPI, withdrawn. **E LO-10/8AB.**

N851, NEFYN NCRP estbld at N5735.0 E01527.1; BEDOS - NEFYN - MIKNA, 17/25NM. **E LO-9/2C.**

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

NORTEL VORDME (NTL) decmsnd. **E LO-9/2B.**
SAVE CTR Class 'C' estbld. Altitudes GND-1500'. (N57 E011). **E LO-9/1D.**

SWITZERLAND

ATS ROUTES changed:

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

T626 estbld; DOUCI NCRP estbld at N4723.1 E00702.1; DOUCI - LUTIX NCRP, 132°, 19NM; LUTIX - OSKUP NCRP, 087°, 10NM; DOUCI to OSKUP, MEA 7000', one-way SE-bound. **LSZH 10-1, E LO-4/9D.**

T627 estbld; LUTIX NCRP (N4709.9 E00722.2) - LARDO NCRP at N4705.6 E00722.0, 181°, 4NM, MEA 6000', one-way S-bound, cruising levels NON-standard, ODD levels S-bound; LARDO - BIRKI NCRP at N4700.8 E00722.6, 173°, 5NM, MEA 4000', one-way S-bound. **E LO-4/9D.**

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. **E LO-4/9D10C.**

Z170, ARGAX (N4703.0 E00917.9) - KUDIS, CDR 1. **LSZH 10-1.**

TURKEY

ATS ROUTES changed:

W79, MILAS (N3710.1 E02738.5) to MARIS, MEA FL160. **E LO-14/10C.**

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

UNDESIGNATED PROHIBITED AREA estbld; N3657.3 E02806.5 - N3658.9 E02811.1 - N3654.4 E02815.6 - N3652.0 E02807.8, GND-15000'. **E LO-14/10C.**

U.K.

ATS ROUTES changed:

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

L620, NIBDA NCRP estbld at N5100.9 W00055.0 and NOVMA NCRP estbld at N5102.2 W00045.3; HAZEL - NIBDA - NOVMA - Midhurst VORDME (MID), 3/6/5NM. **EGLL 10-1, E LO-3/3AB.**

N14 extended; NIBDA NCRP at (N5100.9 W00055.0) - VOUGA NCRP at N5103.6 W00057.8 - KENET, 327°, 3/33NM, MEA FL100, one-way NW-bound. **EGLL 10-1, E LO-3/3A.**

N19, BEKDA (N5047.8 W00232.8) renamed ADKIK. **E LO-3/2B.**

N63 extended; IMVUR NCRP at N5110.5 W00031.9 - VOUGA NCRP at N5103.6 W00057.8 - Southampton VORDME (SAM), 247°(067°), 18/16NM, MEA FL80, one-way W-bound. **EGLL 10-1, E LO-3/3A.**

N514, BEKDA (N5047.8 W00232.8) renamed ADKIK. **E LO-3/2B.**

P137, UMBAG (N5220.9 E00047.0) - SONDO realigned; SIVDA NCRP - REDFA NCRP, 098°, 92NM. **E LO-3/3B4A.**

P166, OLNEY (N5207.7 W00044.1) - BANTO realigned; Daventry VORDME (DTY) NCRP - WELIN NCRP, 068°, 11NM, MEA FL90; WELIN - BANTO, 074°, 24NM, MEA FL210. **EGCC 10-1, EGLL 10-1, E LO-3/3AB.**

T418 estbld; UMLAT NCRP at N5140.3 W00041.7 - WOBUN NCRP, 356°, 21NM; WOBUN - WELIN NCRP, 343°, 14NM; UMLAT to WELIN, MEA FL100, one-way N-bound. **EGCC 10-1, EGLL 10-1, E LO-3/3A.**

T420, FINCH replaced by ULTIB NCRP at N5139.6 W00016.7; Biggin VORDME (BIG) - ULTIB - HEMEL, 23/10NM. **EGLL 10-1, E LO-3/3AB.**

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

EUROPE

FOYLE (N5608.6 W00422.9) HOLDING withdrawn.
E LO-1/2C.
 FYNER (N5602.9 W00506.9) HOLDING withdrawn.
E LO-1/2C.
 GRID MORA (N52-N53/W004-W005) raised to
 3800'. **E LO-2/6CD, E LO-3/2AB.**
 MARHAM TACAN (MAM) coords chgd to N5238.8
 E00033.7. **E LO-2/7D, E LO-3/3B.**

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 andCL: 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, 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 andCL: 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

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

Almeria, Spain, (13-1) VOR procedure unservicable (based on SUP 63/18).

Substitution works for NDB AMN (based on SUP 56/18). NDB is temporarily unavailable. Following procedures are not available: (11-2) ILS Y Rwy 25, (16-1) NDB Rwy 07, (16-2) NDB B. Refer also to latest NOTAMS.

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.

Amsterdam, Netherlands, (Schiphol), Extension works on taxiways A19E and A19W towards twy B. Holding positions HE and HW withdrawn. Refer also to latest NOTAMS.

For construction works information (based on SUP 04-18) refer to 10-8 and latest NOTAMS. The effective date for new nomenclature will be published by NOTAM.

Asturias, Spain, (SID/STAR) Possible signal loss of VES VOR in R-174.

Possible signal loss of VES DME in R-174 and R-042.

Refer also to latest NOTAMS.

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.

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

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

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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), 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.

Barrow, U.K., (Walney Island), Information frequency changed from 123.2 to 123.205.

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.

TWY D closed between TWY B and RWY 15/33 (based on SUP 97-18). During LVP exit RWY via thresholds. Refer also to latest NOTAMs.

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.

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.

Birmingham, U.K., ATIS frequency 136.025 MHz changed to 136.030 MHz. Approach frequency 118.050 MHz changed to 123.980 MHz. Tower frequency 118.3 MHz changed to 118.305 MHz. Delivery frequency 121.925 MHz changed to 121.930 MHz. Ground frequency 121.8 MHz changed to 121.805 MHz.

Bordeaux, France, (Merignac), Works on apron (based on SUP 74-18). Refer to temp chart 10-8 and latest NOTAMs.

Works on apron D and F (based on SUP 127-18). Refer to chart 10-8A 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).

Burgos, Spain, (SID/STAR) Due to temporary unavailability of NEA VORDME the following procedures are suspended:

NEA 1A (10-2A)

NEA 2C (10-3B)

NEA 2G (10-3C)

Refer also to latest NOTAMs.

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.

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.

Cranfield, U.K., ATIS frequency 121.875 MHz changed to 121.880 MHz. Approach frequency 122.850 MHz changed to 122.855 MHz. Tower frequency 134.925 MHz changed to 134.930 MHz.

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

(10-9B) Construction works (based on SUP 12-16) between pier 3 and 4. During phase A a temporary stand 401T (N53 25.5 W 006 14.6) will be installed.

To be used as push in and tow out. A temporary TugRelease Point, TRP X, will be installed on AT5, between stands 402L and 401R.

(12-3) RNAV (GNSS) Rwy 34: Due to erection of crane LNAV/VNAV DA(H) raised to CAT B 570' (368'), RVR with ALS 1500m.

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.

Duesseldorf, Germany, Construction works on TWY K5 and L9 (based on SUP 16-18). Closure of TWY L9 from TWY M to RWY 05R, taxiing guidance via RWY 05R and provisional taxi guide line to TWY L8 without centreline lighting. The effective date will be published by NOTAM.

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, from 21-Jun-18 based on SUP 026-18).

Fairford, U.K., (11-1) Remove note, Brize RADAR provides RADAR fix for ILS when FFA TACAN out of service. Change note, RADAR REQUIRED when DME INOP to DME required.

Faro, Portugal, RWY surfacing works will take place in two phases (based on SUP 001-2017). During Phase 2 following changes apply: CL will not be

EUROPE

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.

Flores, 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, from 24-May-18 based on SUP 67-18). 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), (10-2G to 10-2J) Due to work/limitations and temporary NDB procedure to RWY 21 during the period from 2 JUL until 15 JUL 2018 low traffic RNAV STARs to RWY 21 available to use in conjunction with temporary NDB procedure to RWY 21 as follows: From waypoint GG410 on RNAV STAR intercept NL QDM 204° to LAV DME 8.2 (FAF).

(10-8A) Temp construction work on northern part of Rwy 03/21, declared distances are: TORA Rwy 03 7218'/2200m, TORA Rwy 21 6561'/2000m.

(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.

Construction works in northern part of RWY 03/21 at aerodrome. Refer to temp chart (10-8A). Temporary procedure with displaced threshold to RWY 21 established: (16-01) TEMPO NDB Rwy 21. For details refer to temp charts and latest NOTAMs.

Graz, Austria, ATIS changed to 126.130 MHz.

CAT II Minimums raised for ILS RWY 35 (11-1A): CAT B DA(H) 1200' (112') RA 115' RVR 300m, CAT C DA(H) 1212' (124') RA 129' RVR 400m, CAT D DA(H) 1226' (138') RA 145' RVR 400m

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 18-18).

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

Refer to latest NOTAMs.

Stand 28 push-back required.

Helsinki, Finland, (Vantaa), Construction works on apron 1, phase 1B (based on SUP 046-18). Refer to temp chart 10-8A and latest NOTAMs.

For construction works on apron 1 (based on SUPs 7-18 & 27-18) refer to temporary chart 10-8 and latest NOTAMs.

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).

Hyeres, France, (Le Palyvestre Navy), HYERES Final callsign changed to TOULON Precision. Frequency, service and hours of operation unchanged.

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.

Innsbruck, Austria, ATIS changed to 126.030 MHz.

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;

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- 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.
- 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.
- Ivalo**, Finland, (10-9) Construction works Phase 1 are carried out on southern part of apron and on twys D and E (based on SUP 49-18). Stands 3A, 3B and 4 are not in use. Closed areas are marked with flags, cones and temporary lights.
- Jerez**, Spain, Works on Aprons A1 and A3 (based on SUP 126-17). Refer to temp chart 10-8 and latest NOTAMS.
- Karlstad**, Sweden, (10-2) Outer marker RWY 03 out of service.
 (11-1) ILS or LOC Rwy 03, OM is out of service.
- 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, Works for provision of directional and information signage (based on SUP 004-18). Refer to temp chart 10-8 and latest NOTAMS.
- Kirkenes**, Norway, (Hoybuktmoen), (12-1) RNAV (GNSS) Rwy 06 and (12-2/12-2A) RNAV (GNSS) Rwy 24: LPV minimums suspended.
- Kittila**, Finland, (10-9) Construction works Phase 1 are carried out on southern, northern and eastern parts of apron (based on SUP 48-18). Stands 1, 3, 4 and 6 are not in use. Closed areas are marked with flags, cones and temporary lights.
- Klagenfurt**, Austria, ATIS changed to 126.330 MHz. RWY 10L and 28R PAPI on LEFT side of RWY only.
- Kuopio**, Finland, (12-1) RNAV (GNSS) RWY 15 due to temporary shortened HIALS minimums for LNAV/VNAV with ALS raised to RVR 1400m and for LNAV CAT C&D with ALS RVR raised to 1800m. (13-1) VOR RWY 15 minimums with D4.1/D6.0 CAT C&D with ALS, RVR raised to 1800m. Minimums W/o D4.1 CAT C&D with ALS, raised to CMV 2400m.
- Laage**, Germany, (Rostock-Laage), Construction works on TWYs A-South and Z. Refer to temp page 10-8 and the latest NOTAMS.
- Landivisiau**, France, (Landivisiau Navy), LANDI Final callsign changed to LANDI Precision. Frequency, service and hours of operation unchanged.
- Laupheim**, Germany, (Laupheim Army), (18-1, 18-2) EFF 23 Aug 2012 LIMA Radar frequency chgd from 119.1 MHz to 120.45 MHz.
- Le Mans**, France, (Arnage), 24 hours race of Le Mans (based on SUP 069/18), please refer to 10-8 and latest NOTAMS.
- 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
- Leuchars**, U.K., (Leuchars AB), (10-9) APT - PAPI angle Rwy 08 changed to 3.2°. (18-1) HI-TACAN Rwy 08 and (18-2) PAR or SRA Rwy 08 add note: PAPI set to 3.2°.
- 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.
- Linköping**, Sweden, (Saab), Tower frequency changed from 118.8 to 118.805.
- Linz**, Austria, ATIS changed to 128.130 MHz.
- 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.
 Rwy 17/35 closed for take-off and landing (based on SUP 020-18). Refer also to latest NOTAMS.
- Lleida**, Spain, (Alguaire), Outside ATS hrs: Air to Air Self information on 121.325.
- 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. Eff4 Jan 2018.
 Rehabilitation of Twy A between Link 11 & ground reporting point AY10 (based on SUP 20/18). Refer to temp charts 10-8 and 10-8A and latest NOTAMS.

EUROPE

Trial RNAV APCHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 26-18, 7 JUN 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.

London, U.K., (Luton), ATIS frequency 120.575 MHz changed to 120.580 MHz. Tower frequency 132.550 MHz changed to 132.555 MHz. Ground frequency 121.750 MHz changed to 121.755 MHz.

London, U.K., (Stansted), (18-1) SRA ALL RWYS: Rwy 04 missed apch R-103 BKY shall read R-104 BKY. Rwy 22 missed apch R-157 BKY shall read R-158 BKY and R-173 BKY shall read R-174 BKY.

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.

Madrid, Spain, (Adolfo Suarez Madrid-Barajas), (10-2A) Due to temporary unavailability of NEA VORDME holding over ORBIS changed to:

D53.9/D59.0 NVS

RIGHT turn

FL140/240, inbound 184°

Refer also to latest NOTAMs.

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 for lighting installation on TWYs (based on SUP 64-18). Refer to temp charts 10-8F thru 10-8L and latest NOTAMs.

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.

Works on TWYs A25, A26 and A27 (based on SUP 59-18). Refer to temp charts 10-8A thru 10-8D and latest NOTAMs.

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

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

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

Malaga, Spain, (Costa Del Sol), During works on apt in 2 phases (based on SUP 99/17, with Eff 26 APR 18 based on SUP 53/18), 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).

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

Mehamn, Norway, Rwy 17/35 is grooved.

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

Milan, Italy, (Linate), Frequency of TZO VOR/DME changed to 117.25 MHz.

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, ILS or LOC Rwy 25 (11-2, 11-2A) unavailable during WIP.

EUROPE

(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), REIL rwy 05R/23L withdrawn. TWR frequency 130.3 MHz 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.

Nuernberg, Germany, Director frequency withdrawn. ATIS frequency changed to 123.080 MHz.

For construction works information (based on SUP 13-18) refer to 10-8 and latest NOTAMS. The effective date for new nomenclature will be published by NOTAM.

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

Orebro, Sweden, Tower frequency 120.275 MHz changed to 120.280 MHz. De-icing frequency changed to 121.905 MHz.

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 min 3.1% CAT D increased to RVR 1100m. LNAV/VNAV with climb gradient min 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) ILS Z or LOC Z RWY 29 is suspended.

Oslo, Norway, (Gardermoen), Construction works on airport (based on SUP 006-18). Refer to temp chart (10-8A) and latest NOTAMS.

Ground frequency WEST changed from 121.6 to 121.605. Ground frequency EAST changed from 121.9 to 121.905.

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.

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.

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), 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 Apron P (based on SUP 70-18). Refer to temp chart 10-8 and latest NOTAMS.

Pau/Pyrenees, France, Works on apron G and twys (based on AIRAC 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.

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), Construction works on Apron 100, Apron 200, TWYs SB and A. Refer to temp pages 20-8/20-8A and latest NOTAMS.

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.

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

Salzburg, Austria, ATIS changed to 133.330 MHz.

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).

EUROPE

- 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 TWYY will be used as a temporary storage area. (12-1/12-2) RNAV (GNSS) RWY 18 and RWY 36 LPV minimums are suspended.
- Santander**, Spain, (Seve Ballesteros-Santander), (10-2D) Due to temporary unavailability of NEA VORDME STAR EMANU 1S suspended. Refer also to latest NOTAMS.
- 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 angle 4.00°, MEHT 29'.
- Seinäjoki**, Finland, RNAV (GNSS) Rwy 32 (12-2) Waypoint ULRAB to read as ULRAT.
- Seville**, Spain, (Moron AB), During RWY 02/20 resurfacing (based on SUP 69-18) refer to temporary chart 20-8 and 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, (Vitsentzos Kornaros), (STARs/SIDs) Add note: DME Required.
- Southend**, U.K., Approach frequency changed from 130.775 to 130.780.
- St Yan**, France, (10-1R) Several sectors revised.
- Stockholm**, Sweden, (Arlanda), (12-1) RNP RWY 08 LNAV/VNAV minimums raised to DA(H) 557' (450'), CAT C/D RVR 1700m, ALS OUT CAT C/D RVR 2100m. LNAV minimums raised to 630' (523'), CAT C/D RVR 2000m.
- 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.
- 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.
- Construction works on Temporary Rwy 06/24C (based on SUP 29-18 and 30-18). Refer to temp chart (10-8) and latest notams.
- Construction works phase 4 (based on SUP 47-18). Refer to temp chart (10-8A) and latest notams.
- Temporary closure of Rwy's (based on SUP 72-18). The whole aerodrome is closed to air traffic. RWY 06/24 and Rwy 06/24C are not in use for take-off or landings. Rwy's are provided with lighted visual aids to indicate temporary Rwy closure. Eff 17 Jul 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 overlying the FAP."
- Toulouse**, France, (Franczal), 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.
- Construction works on airport (based on SUP 53-18). Refer to temp chart (10-8) and latest notams.
- Vienna**, Austria, (Schwechat), (11-1 thru 11-5 and 12-20 thru 13-2) WIEN Radar (APP) freq 124.550 withdrawn.
- ATIS Arrival changed to 122.955 MHz. ATIS Departure changed to 121.730 MHz.
- 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.

EUROPE

Vitoria, Spain, 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 unservicable, CEGAM 2H available with IAF VTA NDB, (10-2A) STARs RWY 22 available with IAF VTA NDB,

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

Also refer to latest NOTAMS.

For construction works on apron area (based on SUP 141/17, eff 21 JUN 2018 based on SUP 76/18) refer to temporary chart 10-8B and latest NOTAMS.

(SID/STAR) Due to temporary unavailability of NEA VORDME the following procedures are suspended:

NEA 1E & 2F (10-2A)

NEA 1P (10-2D)

NEA 1K (10-2E)

NEA 1D (10-3B)

Refer also to latest NOTAMS.

Volkel, Netherlands, (Volkel AB), Dutch Mil Information frequency withdrawn.

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.

Woensdrecht, Netherlands, (Woensdrecht AB), Dutch Mil Information frequency withdrawn.

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 rwy 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), (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.