

EASTERN EUROPE SPECIAL MANUAL

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.

TURKEY

ATS ROUTE SYSTEM (HIGH/LOW) revised within Ankara FIR and Istanbul FIR. For details refer to SUPPL ME (H/L)-1A. **E HI-10, E HI-9, E LO-14, E LO-15.**

UKRAINE

CDR 3 status is withdrawn from all ATS routes within Ukraine. **E LO-15, E HI-15.**

ALGERIA

ALGIERS NORTHEAST SECTOR TMA redesignated to Class D Airspace. (N39 E008). **E LO-14/6D.**

ANNABA/EL MELLAH CTA redesignated Annaba TMA. (N36 E007). **E LO-14/6D.**

AUSTRIA**ATS ROUTES changed:**

J21, Salzburg VORDME (SBG) - Linz VORDME (LNZ) - Stockerau VORDME (STO) - Sollenau VORDME (SNU) - Gleichenberg NDB (GBG) - Graz VORDME (GRZ), MEAs 6000'/7000'/7000'/6000'/3000'. **E LO-12/6ABD.**

M726, BRENO (N4658.8 E01122.6) - Innsbruck NDB (INN) - NORIN - KOGOL, MEAs 13000'/11000'/11000'. **E LO-12/5BD.**

M736, LIZUM (N4706.9 E01145.4) - OLPX, MEA 14000'. **E LO-12/5BD.**

P66, NIGEB (N4705.3 E01104.6) - MOGTI, MEA 14000'. **E LO-12/5BD.**

T23, BEMKI (N4733.6 E01018.3) - GAPTO, MEA 10000'; NORIN - BERAS - BIRGI, MEAs 11000'/10000'. **E LO-12/5B.**

Y106, TOBAD (N4744.0 E01212.5) - MODSA, MEA 9000'. **E LO-12/5B.**

Y107, BADVI (N4743.9 E01156.7) - Rattenberg NDB (RTT), MEA 9000'. **E LO-12/5B.**

Y107, Rattenberg NDB (RTT) - TOBISO, bearing should be 185°. **E LO-12/5B.**

Y703, Rattenberg NDB (RTT) - Innsbruck NDB (INN), MEA 10000'; Innsbruck NDB to MOGTI, MEA 11000'. **E LO-12/5B.**

Z209, Innsbruck NDB (INN) to BIRGI, MEA 11000'. **E LO-12/5B.**

Z408, GEDSO (N4704.8 E01152.2) - NIGEB, MEA 15000'. **E LO-12/5BD.**

INROM NCRP estbld at N4800.8 E01311.4. **E LO-12/6A.**

Waypoints within Vienna FIR withdrawn:

ARTUS (N4729.9 E01216.2)
 ASKOD (N4723.1 E01552.3)
 ELKAT (N4659.5 E01354.3)
 GISPO (N4805.9 E01607.8)
 KOGEX (N4706.8 E01517.2)
 LIVDU (N4752.8 E01604.9)
 PEREX (N4738.4 E01314.6)
 PETEN (N4825.0 E01410.4)
 PUBEG (N4730.7 E01539.7)
 SOGTU (N4631.2 E01421.9)
 VAXIS (N4706.0 E01337.8). **E LO-12/5B6ABCD.**

BELARUS

DASHKI DME (DSK) 114.25, channel 89Y cmsnd at N5414.8 E02728.8. **E LO-10/10AB.**

KHATZEHYNA DME (KTZ) 115.45, channel 101Y cmsnd at N5354.9 E02716.9. **E LO-10/10CD, E LO-15/1A.**

MAZYR DME (MZR) 116.45, channel 111Y cmsnd at N5202.2 E02911.5. **E LO-10/10D.**

RAVANICHSKAYA SLABADA DME (RVS) 113.35, channel 80Y cmsnd at N5354.9 E02834.7. **E LO-10/10B.**

ZVIAZDA DME (ZVD) 115.05, channel 97Y cmsnd at N5333.4 E02807.8. **E LO-10/10D.**

BOSNIA AND HERZEGOVINA

GLOMY NCRP estbld at N4333.6 E01739.8. **E LO-13/3D.**

INTIT NCRP estbld at N4255.8 E01803.3. **E LO-13/3D.**

EGYPT**ATS ROUTES changed:**

G183, PASOS (N3213.0 E03306.0) to Taba VORDME (TBA), withdrawn ufn. **E HI-10/5to7.**

J981 estbld, DATOK CRP (N2936.4 E03414.0) - Nuweibaa NDB (NWB) CRP, 142°/322°, 41NM, MEA FL260. **E HI-10/7.**

N316 estbld, PASAM CRP (N2730.8 E03455.7) - Hurghada VORDME (HGD) CRP, 248°/(068°), 64NM, MEA FL260, one-way W-bound, cruising levels NON-standard, ODD levels W-bound. **E HI-10/8.**

FINLAND

CPDLK avbl for Finland FIR, FL95 and above, excluding ATS delegated areas HALTI CTA, MANTO CTA and KVARKEN CTA; Data Link ADS is EFES. **E LO-9.**

GERMANY**ATS ROUTES changed:**

L132, DOBUR replaced by NCRP UNRIG at N5152.1 E01335.6; OGSN - UNRIG - PEPOL, 23/16NM. **E LO-11/2A.**

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L173, Maisach VORDME (MAH) to TITIG one-way E-bound below FL195. **E LO-12/5B.**

L604, DIMSU NCRP estbltd at N5010.0 E01034.7; SULUS - DIMSU - GORKO, 310°/130°, 8/5NM; GORKO - GASKA, 311°/131°; ALIBU NCRP estbltd at N5022.6 E01013.8; GASKA - ALIBU, 306°/126°, 2NM; ALIBU - BIBEG, 311°/131°, 5NM; BIBEG - DEMAB, 310°/130°; SULUS to DEMAB, chgd to two-way. **E LO-11/1CD.**

L608, ERKIR (N4732.3 E01200.5) - KOGOL, MEA 9000'. **E LO-12/5B.**

N858, LORBO replaced by DIDGI NCRP at N5146.0 E01227.4; DESAR - DIDGI - MOSEX, 17/21NM. **E LO-11/2A.**

N871, GAPTO (N4728.1 E01045.6) - SUGIB, MEA 10000'. **E LO-12/5B.**

N872, DEMIR (N5450.2 E00951.2) to KUBAT, MEA 4000', CDR 1, 2. **E LO-10/7CD.**

T101, BAPGI (N4719.5 E01114.2) - OBAGA, MEA 10000'. **E LO-12/5B.**

T102, GOVTU (N4720.8 E01104.2) - IRBIR, MEA 11000'; NINUR - ANDEC, withdrawn. **E LO-12/5B.**

T106, TUSTO (N4836.5 E01226.5) - LANDU, withdrawn. **E LO-12/5B.**

T163, KISEK NCRP estbltd at N4900.5 E00906.1; KOVAN - KISEK - ETASA, 8/11NM. **E LO-11/1C.**

T170, RUNEN NCRP estbltd at N5035.1 E01035.1; VAGAB - RUNEN - GAPLA, 9/12NM. **E LO-11/1D.**

T171 estbltd: NIMAB NCRP at N5137.6 E01203.5 - MAIXE NCRP at N5123.1 E01127.9, 233°, 27NM; MAIXE - LASTO NCRP, 218°, 20NM; NIMAB to LASTO, MEA 5000', one-way SW-bound. **E LO-11/1B2A.**

T173, TADUV (N5125.8 E01232.9) to KERAX, withdrawn. **E LO-11/1BCD2A.**

T177 realigned: ORTAG NCRP (N5129.2 E01104.8) - ESEGU NCRP, 238°, 26NM; ESEGU - ODIPI NCRP, 228°, 12NM; ORTAG to ODIPI, MEA 5000', one-way SW-bound. **OK. E LO-11/1BD.**

T178 estbltd; LASTO NCRP (N5107.7 E01106.6) - ABLUM NCRP - ROBEL NCRP, 238°, 15/14NM, MEA 6000'; ROBEL - GAPLA NCRP, 199°, 16NM, MEA 7000'; GAPLA - DEMAB NCRP, 239°, 14NM, MEA 6000'; DEMAB - SOLVU NCRP, 251°, 9NM, MEA 7000'; SOLVU - KERAX NCRP, 252°, 6NM, MEA 7000'; LASTO to KERAX, one-way SW-bound. **E LO-11/1BCD2A.**

T200, ROBEL (N5053.9 E01026.1) to Klasdorf VORDME (KLF), withdrawn. **E LO-11/1BD2A.**

T201, MAGES (N5050.8 E01004.6) - ROBEL realigned; TAMEB NCRP - GERDO NCRP, 070°, 45NM; MEA 6000', one-way E-bound. **E LO-11/1BD.**

T202, SULED (N5109.7 E01213.8) to MILGU realigned; SULED - TOGRO NCRP at N5118.8 E01224.5, 11NM; TOGRO - ZABEL NCRP at N5128.0 E01240.3, 043°, 14NM; ZABEL - MILGU, 061°, 15NM, MEA 6000'; TOGRO to MILGU, one-way NE-bound. **E LO-11/2A.**

T212, MAXOT (N5108.9 E01037.9) - LASTO, MAA FL210; route extended; LASTO - RELKO NCRP, 103°, 15NM, MEA 5000', MAA FL210, one-way SE-bound. **E LO-11/1B.**

T278 estbltd; TAMEB NCRP (N5048.5 E01043.8) - RELKO NCRP - NOTGO NCRP, 059°, 32/20NM, MEAs FL150/5000'; NOTGO - RUDAK NCRP, 043°, 50NM, MEA 4000'; RUDAK - Klasdorf VORDME (KLF) NCRP, 055°/(236°) 28NM, MEA 5000'; TAMEB to Klasdorf VORDME (KLF), one-way NE-bound, cruising levels NON-standard, EVEN levels NE-bound. **E LO-11/1BD2A.**

T279 estbltd; TAMEB NCRP (N5048.5 E01043.8) - MIPSI NCRP at N5054.4 E01101.4, 059°, 13NM, MEA FL150; MIPSI - LASTO NCRP, 011°, 14NM, MEA 6000'; TAMEB to LASTO, one-way NE-bound. **E LO-11/1BD.**

T358, INBOS (N4956.1 E00937.4) - Spessart NDB (PSA), withdrawn. **E LO-11/1C.**

T726 extended; RASPU (N5004.4 E01005.9) - GUDOM NCRP - GORKO NCRP, 056°/236°, 14/4NM, MEA 5000'; TOSTU - RASPU chgd to two-way. **E LO-11/1CD.**

T902, IRKIS (N5314.9 E01053.3) - RARUP realigned; DIRBO NCRP - RARUP, 350°, 49NM, MEA 4000. **E LO-10/7D.**

T911, LIPMI (N5107.1 E00716.1) - Cola VORDME (COL), MEA 5000'; ROLIS to UBENO realigned, ROLIS - ETARU NCRP at N5017.1 E00806.7, 127°, 14NM; ETARU - RUDUS NCRP at N5002.9 E00804.7, 183°, 14NM; RUDUS - XIDOD NCRP at N4927.3 E00801.6, 181°, 36NM, ROLIS to XIDOD, MEA FL80. **E LO-11/1C.**

UZ711, BERIM (N5343.6 E01128.1) withdrawn, TEGAD - AMISO, 41NM. **E HI-4/2.3.**

Y106, TOBAD (N4744.0 E01212.5) - MODSA, MEA 9000. **E LO-12/5B.**

Y161, Munich VORDME (MUN) replaced by NCRP MANAL; Maisach VORDME (MAH) - MANAL, 136°, 29NM, MEA 6000', one-way SE-bound. **E LO-12/5B.**

Y162, Maisach VORDME (MAH) - MANAL, withdrawn. **E LO-12/5B.**

Y235, OSKAT (N5124.9 E01158.2) to Magdeburg VORDME (MAG) withdrawn. **E LO-11/1B2A.**

Y263, BRANE (N5229.0 E01233.7) - LODRO withdrawn. **E LO-10/7D, E LO-11/1B2A.**

Z20, LOGDO NCRP estbltd at N5204.4 E01219.3; Magdeburg VORDME (MAG) - LOGDO - BUROK, 20/3NM; Magdeburg VORDME (MAG) to ESIKA, MEA 4000, CDR 1. **E LO-11/1B, 2A.**

Z74 extended; HAREM (N4937.1 E00924.9) - LAMPU NCRP, 147°, 19NM, MEA FL120, one-way SE-bound. **E LO-11/1C.**

Z92, ASMIG NCRP estbltd at N5157.3 E01133.8; Magdeburg VORDME (MAG) - ASMIG - IRKOX, 9/13NM. **E LO-11/1B2A.**

Z94, TOSTU (N4942.8 E00948.4) to GORKO, MEA FL250. **E LO-11/1CD.**

Z114, RIDSU (N4944.9 E00828.8) - DONAB, chgd to two-way, 282°/102°. **E LO-11/1C.**

Z115 estbltd, BRANE NCRP (N5229.0 E01233.7) - UBIGI NCRP, 235°, 32NM; UBIGI - ASMIG NCRP at N5157.3 E01133.8, 210°, 18NM; BRANE to ASMIG, MEA 4000'; ASMIG - MAXAN NCRP at N5145.9 E01121.9, 209°, 14NM; MEA 5000'; BRANE to MAXAN, one-way SW-bound, cruising levels NON-standard, ODD levels SW-bound. **E LO-10/7D8C, E LO-11/1B2A.**

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Z117 estlbd, BELID NCRP (N5214.6 E01241.9) - LOGDO NCRP at N5204.4 E01219.3 - ODLUN NCRP, 230°, 17/22NM; BELID to ODLUN, one-way SW-bound, MEA 4000', CDR 1, cruising levels NON-standard, ODD levels SW-bound; ORTAG NCRP - MIPSI NCRP at N5054.4 E01101.4, 180°, 35NM; MIPSI - BAMKI NCRP, 177°, 11NM; BAMKI - KEGOS NCRP, 176°, 64NM; ORTAG to KEGOS, MEA 6000', one-way S-bound. **E LO-11/1BD2A.**

Z131, TOPDI NCRP estlbd at N5150.3 E01212.0, UMBAL - TOPDI - BUROK, 2/17NM. **E LO-11/2A.**

Z207 estlbd; Magdeburg VORDME (MAG) NCRP - OLDUN NCRP, 166°/346°, 9NM, MEA 4000'. **E LO-11/1B.**

GREECE

ATS ROUTES changed:

G/UG33 extended; Alexandroupolis VORDME (ALX) - DIGTI CRP at N4107.5 E02619.3, 041°, 23NM; MEA FL80, one-way NE-bound. **E HI-9/9, E LO-14/9B, E LO-15/4D.**

G/UG33, Kea VORDME (KEA) to Alexandroupolis VORDME (ALX), cruising levels chg to standard, ODD levels NE-bound. **E HI-9/9, E LO-14/9BD, E LO-15/4D.**

G12, GOLDO (N4052.9 E02615.0) - Alexandroupolis VORDME (ALX), chgd to one-way W-bound. **E LO-14/9B, E LO-15/4D.**

M/UM603, GOLDO (N4052.9 E02615.0) - Alexandroupolis VORDME (ALX), chgd to one-way W-bound. **E HI-9/9, E LO-14/9B, E LO-15/4D.**

N/UN127, ASPIV NCRP estlbd at N4046.1 E02442.4; Kavala VORDME (KPL) - ASPIV - SUTIS, 10/4NM. **E HI-9/8,9, E LO-14/9B, E LO-15/4D.**

N/UN131, PIBOM NCRP estlbd at N4054.3 E02518.5; RODIP - PIBOM - IDILO, 41/10NM. **E HI-9/8,9, E LO-14/9B, E LO-15/4CD.**

N/UN644 estlbd; PEREN (N4035.8 E02358.1) NCRP - ASPIV NCRP at N4046.1 E02442.4, 069°, 35NM; ASPIV - PIBOM NCRP at N4054.3 E02518.5 - DIGTI CRP at N4107.5 E02619.3, 068°, 29/48NM; PEREN to DIGTI, MEA FL120, one-way E-bound. **E HI-9/8,9, E LO-14/9B, E LO-15/4D.**

V/UV60, IBTIN CRP estlbd at N3919.2 E02054.0; Ioannina VORDME (YNN) - IBTIN - GARTA, 23/20NM. **E LO-14/9AC.**

ISRAEL

ATS ROUTES changed:

H11, Natania VORDME (NAT) - PEPPIR, CDR 3; PEPPIR - SOLIN, CDR 1, 3. **E HI-10/5.**

ITALY

ATS ROUTES changed:

L44, GISIG (N3859.5 E01103.8) - ADAMI, CDR status withdrawn. **E LO-14/7C.**

M738, ERPEM NCRP estlbd at N3856.5 E01139.0; RONAB - ERPEM - PININ, 57/62NM. **E LO-14/7AC.**

M859, LUMAV (N4448.9 E01137.0) to LUPOS, MEA FL100. **E LO-13/1B.**

Q123, QUENN (N4009.9 E01032.6) to VEKET, CDR 3. **E LO-14/6B7A.**

Q152, ERPEM NCRP estlbd at N3856.5 E01139.0; GISIG - ERPEM - GIANO, 28/38NM; Carbonara VORDME to GIANO, CDR status withdrawn. **E LO-14/6BD7AC.**

Q182, RUVIP (N4003.6 E01147.7) - KOLUS, CDR 3. **E LO-14/6B7A.**

T128 extended; ROSKA (N4518.9 E01251.7) CRP AGOMO NCRP - BELOV CRP, 186°, 18/29NM, MEA FL110; AGOMO - BELOV, CDR 3; MOGPU to GIKIN, CDR 3. **E LO-12/6C, E LO-13/2AC.**

T543, TINTO (N4128.7 E01104.1) - QUENN, CDR 3. **E LO-14/7A.**

Y567, POKAV (N4050.4 E01124.0) - USEPI, CDR status withdrawn. **E LO-14/6B7A.**

Z154, IBROS (N4147.7 E01002.9) - ASKAG, 268°/088°, chgd to two-way. **E LO-13/1CD, E LO-14/7A.**

BOLOGNA NDB (BOA) decmsnd. **E LO-13/1B.**

TREZZO VORDME (TZO) freq chgd to 117.25. **E LO-13/1AB.**

POLAND

ATS ROUTES changed:

L747 estlbd; DIBED (N4953.3 E02303.5) CRP - GOLAD CRP, 347°, 269NM, MEA FL300, one-way N-bound, CDR 1. **E HI-4/6, E HI-15/4,5,6,7.**

M159 estlbd; SUPAK (N4918.2 E01948.0) CRP - GOLAD CRP, 010°/190°, 315NM, MEA FL290, CDR 1. **E HI-4/5,6, E HI-9/3,4, E HI-15/4,5,6.**

T353, UNBEK NCRP estlbd at N5125.5 E02000.9; EVINA - UNBEK - IRBOS, 13/7NM. **E HI-4/5, E LO-11/3B4A, E LO-15/1C, E HI-15/5,6.**

T359 estlbd; OVBOR NCRP (N5106.3 E02001.2) - UNBEK NCRP estlbd at N5125.5 E02000.9, 354°/174°, 19NM; UNBEK - VIDEV NCRP, 301°/121°, 10NM; OVBOR to VIDEV, MEA FL100, MAA FL280. **E HI-4/5, E LO-11/3B, E LO-15/1CD, E HI-15/5,6.**

CHOCIWEL NDB (CHO) 375 cmsnd at N5328.5 E01520.0. **E LO-10/8C.**

NAVDI coords should read N5231.5 E01459.7. **E HI-4/3, E HI-9/1.**

SZCZECIN NDB (OL) decmsnd. **E LO-10/8C.**

ROMANIA

ATS ROUTES changed:

L852, VAMON (N4424.0 E02440.8) - GIKUN, MEA FL60. **E LO-15/3D.**

T285 extended, Craiova VORDME (CRV) - TITEK NCRP, 300°/120°, 18NM, MEA FL60. **E LO-13/5A, E LO-15/3D.**

Y88, VIKBI (N4415.5 E02439.4) - ELDET, MEA FL60. **E LO-13/5AB, E LO-15/3D.**

RUSSIA

ATS ROUTES changed:

A842, ABUTO (N5259.3 E03352.4) to PIMEN, withdrawn. **E HI-4/10.**

B8, OKUDI (N5907.0 E03138.9) to AGBON, cruising levels chg to NON-standard, ODD-levels N-bound. **E LO-9/4B, E HI-3/10.**

BD6T estlbd, Bogdanovo NDB (BD) to Karmanovo NDB (BG), for route details see BD3T and MF1T. **E LO-9/5BD.**

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L159, NELEP replaced by ERUNA NCRP at N5411.6 E03605.0, SUGIR - ERUNA - AGNIN, 38/28NM. **E HI-4/11.**

L747 estbld, GOLAD CRP (N5420.0 E02210.5) - RUSNE CRP, 329°, 60NM, MEA FL270, one-way N-bound. **E HI-4/6.**

M159 estbld, GOLAD CRP (N5420.0 E02210.5) - KRAKI CRP, 022°/202°, 41NM, MEA FL270. **E HI-4/6.**

R22, BANIP (N5312.8 E03410.6) to PIMEN, chgd to one-way SW-bound. **E HI-4/10.**

R235, IVGOR (N5535.1 E01757.5) - BALIT, MOCA 2000T. **E LO-9/2D, E LO-10/8B9A.**

R239, RANOK (N5454.8 E01857.5) to OTVOV, MOCA 2000T. **E LO-10/9A.**

R356, VADRU (N5541.9 E01747.1) - BALIT, MOCA 2000T. **E LO-10/8B9A, E LO-9/2D.**

T563, ERUNA NCRP estbld at N5411.6 E03605.0; Maloye Skuratovo NDB (GD) - ERUNA - GULMA, 51/5NM. **E HI-4/11.**

ATS ROUTES (undesignated) changed:

SAVELOVO NDB (SW) - BUZHAROVO NDB (AR) redesignated BD6T. **E LO-9/5BD.**

POCHINOK DME (PO) channel/freq chgd to 96X 114.9. **E LO-9/5A.**

UL(P)-37 estbld; GND-FL100. (N59 E030). **E LO-9/4AB.**

UU(P)-405 estbld; GND-4000. (N56 E037). **E LO-9/5BD.**

UU(P)-406 estbld; GND-4000. (N56 E037). **E LO-9/5BD.**

SAUDI ARABIA**ATS ROUTES changed:**

L677, DARAX CRP estbld at N2647.2 E03547.1; Wejh VORTAC (WEJ) - DARAX - PASAM, 53/63NM. **E HI-10/8,9.**

Q510 estbld; PASAM (N2730.8 E03455.7) CRP - GEPAG CRP at N2755.4 E03517.6, 034°/214°, 31NM, MEA 5000'. **E HI-10/8.**

Y333 estbld; GEPAG CRP at N2755.4 E03517.6 - Tabuk VORTAC (TBK) CRP, 065°/245°, 75NM, MEA 10000'. **E HI-10/8.**

Z711 estbld; GEPAG CRP at N2755.4 E03517.6 - DARAX CRP at N2647.2 E03547.1, 155°/335°, 73NM, MEA 5000'. **E HI-10/8,9.**

SLOVAKIA

DUBOVE NDB (DBV) decmsnd. **E HI-9/3,4.**

KALIF NCRP estbld at N4830.4 E01934.3. **E HI-9/4.**

KULIN (N4829.5 E01927.1) withdrawn. **E HI-9/4.**

MOCON NCRP estbld at N4909.2 E01912.9. **E HI-9/4.**

NIDOK coords chgd to N4852.4 E01849.3. **E HI-9/3,4.**

TAGOD (N4830.7 E01937.0) withdrawn. **E HI-9/4.**

SLOVENIA**ATS ROUTES changed:**

M859, UMBEK (N4532.7 E01325.2) - BARPI, MEA withdrawn, MORA 7300a; BARPI - TUTIV, EVEN levels NE-bound. **E LO-12/6C, E LO-13/2AB.**

PIKIT (N4626.2 E01420.8) withdrawn. **E LO-12/6CD.**

SWEDEN**ATS ROUTES changed:**

Alma VOR (ALM) decmsnd and replaced by TIDVU NCRP at same position. **E LO-10/8A, E HI-3/4.**

M607, NUGPU NCRP estbld at N5846.8 E01729.1, INGIS - NUGPU - Trosa VORDME (TRS), 10/10NM; RIKPA NCRP estbld at N6149.8 E01858.0, ARTAB - RIKPA - EDAXA, 52/60NM. **E LO-9/2B.**

M996, APZER NCRP estbld at N5849.7 E01734.6, Trosa VORDME (TRS) - APZER - DISRU, 7/15NM. **E LO-9/2B.**

Sveda VORDME (SVD) replaced by ERNOV NCRP at same position. **E LO-10/8A, E LO-9/1D, E HI-3/4.**

PERRY (N5546.6 E01357.8) renamed EKRAL. **E LO-10/8A, E LO-9/2C, E HI-3/4.**

SVEDA VOR (SVD) decmsnd. **E LO-10/8A, E LO-9/1D, E HI-3/4.**

TURKEY**ATS ROUTES changed:**

A/UA285, ERGEP NCRP estbld at N3726.6 E03357.8; Mut VORDME (MUT) - ERGEP - SELVI, 47/37NM. **SUPPL ME HL-1A/4.**

R/UR32, Kula VORDME (DEN) - VAKUM, 250°/070°. **SUPPL ME HL-1A/2.**

T/UT44, MINSU coords should read N3905.1 E02803.4. **SUPPL ME HL-1A/2.**

T/UT54, ROLVI NCRP estbld at N3913.1 E03148.7; Afyon VORDME (KFK) - ROLVI - HALIL, 64/28NM. **SUPPL ME HL-1A/3.**

T/UT310, AKCAK (N4125.7 E03043.5) chgd to CRP. **SUPPL ME HL-1A/3.**

UN61, GONPU NCRP estbld at N4118.0 E04157.6; Trabzon VORDME (TBN) - GONPU - NOLGA, 100/47NM. **SUPPL ME HL-1A/6,7.**

UT38, ATKAN (N3931.2 E02751.0) - KUDAK, should be 24NM. **SUPPL ME HL-1A/2.**

UY23, Antalya VORDME (AYT) to OSDAN, should read UQ23. **SUPPL ME HL-1A/3.**

W/UW702, GUMRU (N4132.9 E03121.0) chgd to CRP. **SUPPL ME HL-1A/3.**

W/UW717, Adana VORDME (ADA) - Hatay VORDME (HTY), withdrawn. **SUPPL ME HL-1A/4,5.**

ATS ROUTES (undesignated) changed:

ESTBLD; Van VORDME (VAN) CRP - RUPOM CRP at N3750.3 E04357.4 - Yuksekova VORDME (YKV) CRP, 137°/317°, 48/22NM; Van VORDME - RUPOM, MEA FL220 only; RUPOM - Yuksekova VORDME, MEA FL180, until 31 Mar 19. **SUPPL ME HL-1A/7.**

HATAY VORDME (HTY) - ADKAR, distance should read 59NM. **SUPPL ME HL-1A/4,5.**

KEPES (N3808.4 E03642.5) to KILIS, withdrawn. **SUPPL ME HL-1A/5.**

SULAK (N3753.7 E03617.2) - POGEN, withdrawn. **SUPPL ME HL-1A/5.**

ADVOK coords should read N3930.2 E03630.1. **SUPPL ME HL-1A/5.**

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UKRAINE

ATS ROUTES changed:

L623, OBENO (N4836.5 E02238.6) to RUMUK, CDR status withdrawn. **E HI-9/5, E HI-15/7,8.**

L980, USTIL (N5050.0 E02406.0) to DÖRER, CDR 1, 2. **E LO-15/1BD2A.**

L981, RIMOS (N4845.5 E02558.8) - INROG, CDR status withdrawn. **E LO-15/2AB.**

M70, TOLPA (N5118.2 E02338.8) - OKROT, CDR 1, 2. **E LO-15/1BD.**

M141, BASOR (N5003.1 E3050.0) - VESEL - SITBA, MEAs 9000'/10000'. **E LO-15/2A.**

M860, PEMIR (N4916.9 E02533.3) - INROG, CDR status withdrawn. **E LO-15/2AB.**

M977, SVITA (N4904.7 E02311.1) - RUMUK, CDR status withdrawn. **E HI-9/5, E HI-15/7,8.**

M986, LONLA (N4820.4 E02219.2) to RULUT, CDR status withdrawn. **E HI-9/5, E HI-15/7.**

M991, Ivano Frankiv's'k VORDME (IVF) - GOTRA, CDR 1, 2. **E LO-15/2AC.**

N164, POBUV (N4957.1 E02729.4) - BAMUD, CDR status withdrawn. **E HI-15/7,8.**

N190, MALBE (N4849.4 E02222.5) - BANUV, CDR status withdrawn. **E HI-9/5, E HI-15/7,8.**

N743, LAVDA (N4807.5 E02843.8) - NIROV, MEA 7000'. **E LO-15/2B.**

P26, GEMTO (N4808.0 E02235.7) to KOKUP, CDR status withdrawn. **E HI-9/5, E HI-15/7,8.**

P26, KOVUS (N5008.5 E02414.5) - VABOD, CDR 1, 2. **E LO-15/1BD2C.**

P27, PIGUM (N4915.9 E02400.7) - GORKU, CDR status withdrawn. **E LO-15/2C.**

P129, IDKOG (N4804.4 E02529.3) - KOROP, CDR status withdrawn. **E HI-15/7,8.**

P156, NIROV (N4858.0 E2851.0) - NOLDU, MEA 7000. **E LO-15/2B.**

P727, LURIK (N4815.6 E02558.9) to BAGSA, CDR status withdrawn. **E LO-15/2AB.**

P746, VADIM (N4903.1 E02259.4) - ROMOL, CDR status withdrawn. **E HI-9/5,6, E HI-15/7,8.**

Q34, IVNER CRP (N5107.1 E02351.4) - AMIRI CRP, 052°, 90NM, MEA FL150, one-way NE-bound, CDR 1, 2. **E LO-15/1BD, E HI-15/6.**

Q35, AMIRI CRP (N5155.2 E02553.2) - TOLPA CRP, 240°, 92NM, one-way SW-bound, CDR 1. **E LO-15/1BD, E HI-15/6.**

Q97, ROMOL (N4744.1 E02502.9) - DIBED, CDR status withdrawn. **E HI-15/7,8.**

T983, OTRAK (N4856.9 E02641.2) - SORON, CDR status withdrawn. **E HI-15/7.**

W571, PEMIR (N4916.9 E02533.3) - ILTUK, CDR 1, 2. **E LO-15/2A.**

W613, LOPNU (N4904.5 E02640.9) - LURIK, CDR status withdrawn. **E LO-15/2AB.**

W614, SOLNU (N4917.8 E02523.9) - TERBU, CDR 1, 2. **E LO-15/2AC.**

Bratislava, Slovakia, (M.R. Stefanik), (10-2, 10-2A, 10-2B) All STARs suspended due to JAN VOR unserviceable.

(10-3, 10-3A, 10-3B, 10-3C, 10-3D, 10-3E) All SIDs suspended due to JAN VOR unserviceable. Refer to temporary charts and latest NOTAMs.

Alternate frequency STEFANIK Tower 118.7 MHz added.

Based on AMDT 199/18 AIRAC ATIS Arrival changed from 128.650 MHz to 128.655 MHz, ATIS Departure changed from 133.875 MHz to 133.880 MHz.

Based on SUP 3-18, due to VOR JAN unserviceability, temporary IAPs: (11-01) ILS OR LOC RWY 22, (11-02) ILS RWY 31 (4.0% MACG), (11-02A) CAT II/III ILS RWY 31 (4.0% MACG), (11-03) ILS RWY 31 (2.5% MACG), (11-03A) CAT II/III ILS RWY 31 (2.5% MACG), (16-01) NDB RWY 22, (16-02) NDB RWY 31, (19-010) CIRCLING RWY 22 TO RWY 04, (19-011) CIRCLING RWY 31 TO 13 established. (19-11) CIRCLING RWY 22 TO 13, and (19-12) CIRCLING RWY 31 TO RWY 04 not available. Refer to temporary charts and latest NOTAMs.

Bucharest, Romania, (Baneasa), (10-1R) For arriving acft MAX 250 KT below FL100.

(10-4) Ignore paragraph: "planning of flights of aircraft with MTOW at or more than 50t. Delayed flights are allowed to operate on LRBS, but not later than 2230LT." (NIGHTTIME RESTRICTIONS)

Based on AMDT 12/18 AIRAC BANEASA Tower frequency should be read: 125.205 MHz, 120.8 MHz.

BUCHAREST Approach (R) alternate frequency 120.6 MHz established.

Bucharest, Romania, (Henri Coanda), Based on SUP 02/18 following charts are suspended:

- STAR (20-2H/J/K/L/M/N/P/Q)

- SID (20-3H/J/K/L/M/N)

Burgas, Bulgaria, Construction works on airport area (based on SUP 001/18). Refer to temporary charts (10-8 and 10-8A) and latest NOTAMs.

Cluj-Napoca, Romania, Based on AMDT 12/18 AIRAC CLUJ Tower frequency should be read: 118.705 MHz, 134.4 MHz.

Constanta, Romania, When alternate routes over Black Sea activated, STARs REVDA 3C, 3D and SIDs DINRO 2A and 2B replaced by vectoring.

Craiova, Romania, (11-1) ILS Rwy 27: Requirement note shall read: VOR, DME required, instead of ICV DME required.

Darlowo, Poland, (Darlowo Mil), Works on airport area (based on MIL SUP 63/17). Refer to temp chart 10-8 and latest NOTAMs.

Iasi, Romania, Construction works on aerodrome. For details refer to temp chart 10-8 and latest NOTAMs. Eff 11 NOV 2015

Karlovy Vary, Czechia, Aerodrome operating minima for landing on RWY 11 temporary increase to VIS 3000m.

Katowice, Poland, (Pyrzowice), Construction works in progress (based on SUP 105/18). For details refer to temp chart 10-8 and latest NOTAMs.

TERMINAL CHARTS

TERMINAL

Bacau, Romania, (George Enescu), Based on AMDT 12/18 AIRAC BACAU Tower (APP/TWR) frequency should be read: 120.980 MHz, 118.6 MHz.

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Kaunas, Lithuania, (Kaunas Intl), ILS or LOC Rwy 08 (11-1), ILS or LOC Rwy 26 (11-2), VOR Rwy 08 (13-1), VOR Rwy 26 (13-2), NDB Rwy 08 (16-1), NDB Rwy 26 (16-2): Circle-to-land VIS for Cat C shall read 2400m instead of 4000m.

Kosice, Slovakia, Based on AMDT 199/18 AIRAC ATIS frequency changed from 133.725 MHz to 133.730 MHz.

Krakow, Poland, (Balice), Works on airport area (based on SUP 111/18). Refer to temporary charts (10-8 and 10-8A) and latest NOTAMs.

Piestany, Slovakia, (10-2) All STARs suspended due to JAN VOR unserviceable.

(10-3) SIDs BERVA 3D, NITRA 3D & STEFANIK NORTH 3D suspended due to JAN VOR unserviceable.

For all SIDs (when JAN VOR unserviceable): Pilots departing via exit points with no SID available may expect departure clearance with SID available according to runway in use for departures and further clearance to planned exit point (with level restriction if applicable).

Poprad, Slovakia, (Tatry), Based on AMDT 199/18 AIRAC ATIS frequency changed from 133.125 MHz to 133.130 MHz.

Grass RWY 07L/25R is closed.

Poznan, Poland, (Lawica), (13-2) VOR Rwy 28 DA/MDA(H) with D2.7 LAW raised to 760'(472'), RVR 1500m, ALS out: CAT A&B: RVR 1500m, CAT C&D: RVR 2200m.

Praha, Czechia, (Vodochody), Based on SUP 12/18 following out of service: RWY and TWY markings and lighting, MIALS RWY 28, TWY edge and centre line lighting.

Targu Mures, Romania, (Transilvania-Targu Mures), Based on AMDT 12/18 AIRAC TARGU MURES Tower frequency should be read: 119.180 MHz, 120.325 MHz.

Warsaw, Poland, (Chopin), (10-9A) TWY S2 may be used for an intersection take-off when the prevailing visibility is not less than 2000 m (based on sup 45/18). TORA 9390' (2862m). Refer also to latest NOTAMs.

Wroclaw, Poland, (Strachowice), Based on SUP 122/18:

ACFT push-back/docking from/in the hangar may be conducted under marshalling guidance only.

Taxiing in/out and towing of ACFT to/from TWY E2 and Apron 4 is possible with the assistance of marshaller only.

All manoeuvres of ACFT on Apron 4 may be carried out under marshalling guidance only.

Refer also to latest NOTAMs.

New Taxiways construction to de-icing area (based on SUP 126/18), Refer to temporary chart 10-8 and latest NOTAMs.