

## EASTERN EUROPE

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

**ENROUTE CHARTS****GENERAL****TAJIKISTAN**

CRUISING LEVELS should be based on magnetic tracks ..

**AUSTRIA****ATS ROUTES changed:**

M141, Salzburg VORDME (SBG) via Linz VORDME (LNZ) to Stockerau VORDME (STO) MAA FL120.  
**E LO-12/6AB.**

**AZERBAIJAN****ATS ROUTES changed:**

G96, Ganja NDB (ZW) - ADVIN, 34NM.  
**EA HL-2/11B, EA HL-3/1D.**

UL125, NEGAN (N3945.3 E04500.6) via Nakhchivan VORDME (NAX) to DULAV, redesignated L125.  
**EA HL-3/1CD.**

UL850, DUKAN (N3959.5 E05130.0) via Baku VORDME (GYD) to ADEKI, redesignated L850.  
**EA HL-3/1D2CD.**

UM11, MATAL (N4046.1 E04530.1) via Yevlakh NDB (ED), Akhsu NDB (AU) to RODAR, redesignated M11.  
**EA HL-2/11B, EA HL-3/1D2CD.**

UM23, BISNA (N4214.0 E04917.0) to MARAL, redesignated M23.  
**EA HL-3/2AB.**

UM747, BARAD (N4121.5 E04505.0) via LUSAL to DUKAN, redesignated M747.  
**EA HL-2/11B.**

UN23, MOTEG (N4140.6 E04827.0) to ULDUS, redesignated N23.  
**EA HL-3/2CD.**

UN25, MOTEG (N4140.6 E04827.0) to LALDA, redesignated N25.  
**EA HL-3/2CD.**

UN39, MEKAN (N4218.5 E04925.1) Baku VORDME (GYD) to ULDUS, redesignated N39.  
**EA HL-3/2CD.**

UN43, BUMAR (N4201.7 E04855.3) to METKA, redesignated N43.  
**EA HL-3/2ACD.**

UN50, LASKA (N4223.1 E04933.2) to MARAL, redesignated N50.  
**EA HL-3/2AB.**

UN55, Baku VORDME (GYD) to BALUN, redesignated N55.  
**EA HL-3/2BD.**

UN59, PARSU (N3937.8 E04804.0) to KARAD, redesignated N59.  
**EA HL-3/2C.**

UN60, LALDA (N3816.1 E04945.1) via Baku VORDME (GYD) to GASBI, redesignated N60.  
**EA HL-3/2BD.**

UN92, LUSAL (N4035.0 E04757.0) to BODKA, redesignated N92.  
**EA HL-3/2CD.**

UN161, PEMAN (N4023.5 E04538.5) via Yevlakh NDB (ED) to GASBI, redesignated N161.  
**EA HL-2/11B, EA HL-3/1D2ABC.**

UN319, ULDUS (N3800.0 E05101.0) to ADEKI, redesignated N319.  
**EA HL-3/1D2CD.**

UN644, RODAR (N4028.0 E05130.0) to ADEKI, redesignated N644.  
**EA HL-3/1D2CD.**

UN996, Nakhchivan VORDME (NAX) - IRLAN and PEMAN via Ganja VORDME (GND) to GIPAR, redesignated N996; Nakhchivan VORDME - IRLAN, cruising levels NON-standard, EVEN levels S-bound.  
**EA HL-2/11B, EA HL-3/1D.**

UP567, MATAL (N4046.1 E04530.1) to ULDUS, redesignated P567.  
**EA HL-2/11B, EA HL-3/1D2CD.**

UP574, ULDUS (N3800.0 E05101.0) to RUTIL, redesignated P574.  
**EA HL-3/2BD.**

UT914, BISNA (N4214.0 E04917.0) to NAMAS, redesignated T914.  
**EA HL-3/2AC.**

UT921, ADEKI (N4117.8 E04645.0) to ADVIN, redesignated T921.  
**EA HL-2/11B, EA HL-3/1D.**

UY214, KARAD (N4014.3 E04929.5) to NAMAS, redesignated Y214.  
**EA HL-3/2CD.**

UY215, KARAD (N4014.3 E04929.5) to IBRUT, redesignated Y215.  
**EA HL-3/2BCD.**

GABALA CTR estbld: N4113.2 E04751.7 - N4035.0 E04757.0 - N4044.4 E04723.8 - N4113.1 E04735.2 - then along state border with Russia to N4113.2 E04751.7, GND-FL70.  
**EA HL-3/1D2C.**

GABALA VORDME (QBL) 112.5 cmsnd at N4049.9 E04743.1.  
**EA HL-3/2C.**

HEYDAR ALIYEV Lctr (BI) decmsnd.  
**EA HL-3/2CD.**

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

H84, Hrodna VORDME (GRD) - GRINA, MEA FL100; SURUG - Brest VORDME (BRT), cruising levels chgd to standard, EVEN levels SW-bound.  
**E LO-15/1BD2AC.**

L32, KOMEN (N5322.6 E02500.2) chgd to CRP; Hrodna VORDME (GRD) - KOMEN, CDR status withdrawn.  
**E LO-10/9D10C, E LO-15/1B.**

L33, OSMUS (N5353.7 E02643.4) chgd to CRP.  
**E LO-10/10C, E LO-15/1B, EA HL-1/2D.**

L979, ELDOK (N5348.1 E02504.8) chgd to CRP.  
**E LO-10/10C.**

M854, KUBIN (N5435.3 E02741.7) and LIMPO chgd to CRPs.  
**E LO-10/10BD.**

M856, MAMIN (N5257.5 E03056.2), KOPON, LUBIN and RUMIK chgd to CRPs.  
**E LO-10/11AC, EA HL-1/2D3C.**

M863, GOVIK (N5336.1 E02649.4), BERIS and SODKO chgd to CRPs.  
**E LO-10/10BC, E LO-15/1C, EA HL-1/2D.**

M983, DOMAN (N5233.1 E02450.5) and BESAK chgd to CRPs.  
**E LO-10/10C, E LO-15/1B.**

M984, OSMUS (N5353.7 E02643.4) chgd to CRP.  
**E LO-10/10C, E LO-15/1B, EA HL-1/2D.**

M996, DELON (N5321.0 E02838.9) and GORUL chgd to CRPs; RUDEN to GORUL, MEA FL100.  
**E LO-10/10D11C, EA HL-1/2D3C.**

N623, GOGER (N5236.3 E03019.3), NASKA, TIVAN and LENOK chgd to CRPs.  
**E LO-10/10AD11C, EA HL-1/2CD3C.**

N743, DELON (N5321.0 E02838.9) and BABUN chgd to CRPs.  
**E LO-10/10D, EA HL-1/2D.**

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N869, PENAL (N5431.1 E02831.3) and OSMUS chgd to CRPs. **E LO-10/10BC, EA HL-1/2D.**

P26, DELON (N5321.0 E02838.9), NASKA, SODKO and NELOK chgd to CRPs. **E LO-10/10BD, EA HL-1/2D.**

P727, Pinsk VORDME (PNK) - DIBON, MEA FL150. **E LO-10/10C, E LO-15/2A.**

P749, BABOK (N5427.3 E03016.0) chgd to CRP. **E LO-10/10B, EA HL-1/2D.**

P851, DIVIM (N5211.4 E02502.9) chgd to CRP. **E LO-10/10C, E LO-15/1C.**

P987, DELON (N5321.0 E02838.9) chgd to CRP. **E LO-10/10D, EA HL-1/2D.**

T117, PEPAR (N5344.5 E02506.0) and OSMUS chgd to CRPs. **E LO-10/10C, EA HL-1/2D.**

T240, DELON (N5321.0 E02838.9) chgd to CRP. **E LO-10/10D, EA HL-1/2D.**

T344 estbld: CRP OGARA (N5241.4 E02714.3) - NCRP KEDUG, 061°, 137NM, MEA FL110, one-way E-bound, CDR 1. **E LO-15/1B.**

T346, LUBIN (N5418.1 E03035.0) chgd to CRP. **E LO-10/11A, EA HL-1/2D.**

T535, GORUL (N5225.5 E03023.3) chgd to CRP. **E LO-10/11C, EA HL-1/3C.**

UL29, SUPEK (N5535.0 E03056.9) to LAVAR, MAA FL450. **EA HL-1/2C.**

UN623, TIVAN (N5352.9 E02830.4) chgd to CRP. **EA HL-1/2D.**

Z402, GORUL (N5225.5 E03023.3) chgd to CRP. **E LO-10/11C, EA HL-1/3C.**

Z653, ROMAL (N5212.2 E03031.3) chgd to CRP; Homiel VORDME (GOL) to GOMAD, MAA withdrawn, upper limit FL195. **E LO-10/11C, EA HL-1/3C.**

Z860, MAPAT (N5221.6 E02459.1) chgd to CRP. **E LO-10/10C, E LO-15/1B.**

## BOSNIA AND HERZEGOVINA

## ATS ROUTES changed:

L604 extended: CRP BOSNA (N4422.2 E01745.6) - CRP NOVLO, 324°, 62NM, MEA FL100, one-way NW-bound. **E LO-12/7C.**

Y177, DOBOT (N4446.4 E01754.2) - NOVLO, 302°, chgd to one-way NW-bound. **E LO-12/7C.**

## BULGARIA

## ATS ROUTES changed:

N604, NASEM (N4235.5 E02943.0) Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

N613, RITAG (N4235.2 E02933.5) Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

Y186, MOSOP (N4343.2 E02931.8) via NITUX to ODERO, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

Y187, UDROS (N4244.3 E03035.8) via NITUX to MOSOP, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

Y188, LUGEB (N4344.1 E02830.1) via GOSLO to Varna VORDME (WRN), Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

Y189, UDROS (N4244.3 E03035.8) via NASEM, RITAG to IVGOT, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

Y190, IVGOT (N4306.3 E02832.2) via RITAG, NASEM to ODERO, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

Y191, MOSOP (N4343.2 E02931.8) via NITUX, RITAG to RIXEN, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B5A.**

Y192, MAKOL (N4210.2 E02908.6) via NASEM, NITUX to MOSOP, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B5A.**

Y195, NESAR (N4248.6 E02808.5) - RITAG, Note added: Available in case of LB(D)-312 to 314 activation only. **E LO-15/4B.**

## CHINA, PR OF

## ATS ROUTES changed:

A461, CRP IKENU estbld at N3845.5 E11618.8; Hengshui NDB (HG) - IKENU - Dawangzhuang VORDME (VYK), 69/29NM. **EA HL-8/10C.**

A575, NCRP UKBAD estbld at N4300.8 E11311.4; NCRP VANVO estbld at N4232.9 E11405.9; Eren VORDME (ERE) - UKBAD - VANVO - MANSA, 66/49/79NM. **EA HL-8/9CD.**

A591, CRP NOBOB estbld at N3549.2 E12124.5; LATUX - NOBOB - MUDAL, 37/112NM. **EA HL-8/10D11C.**

B208, CRP EKETA estbld at N3752.5 E11235.4; TODAM - EKETA - Taiyuan VORDME (TYN), 99/8NM. **EA HL-8/9D.**

B215, CRP OVKEM estbld at N3746.5 E11221.1; BIBGA - OVKEM - Taiyuan VORDME (TYN), 46/13NM; CRP SAKOD estbld at N3840.4 E11509.8; Xingtang NDB (OC) - SAKOD - Zangangzhen NDB (JB), 31/54NM. **EA HL-8/9D10C.**

B339, NCRP ERVEB estbld at N4306.7 E11451.8; POLHO - ERVEB - SALIS, 122/84NM. **EA HL-8/9CD.**

G212, ARAPA coords chgd to N3128.9 E10521.5; CRP EXUMI estbld at N3805.0 E11304.9; Taiyuan VORDME (TYN) - EXUMI - NONIT, 30/54NM. **EA HL-8/9D.**

G218, NCRP UKBAD estbld at N4300.8 E11311.4; Tumurtai VORDME (TMR) - UKBAD - POLHO, 70/106NM. **EA HL-8/9CD.**

G343, NCRP ASURI estbld at N4236.2 E11154.0; Tumurtai VORDME (TMR) - ASURI - NIXAL, 72/58NM. **EA HL-8/9CD.**

V9, PAMDA replaced by CRP Luanxian VORDME (LUX); TONIL - Luanxian VORDME, 105°/(285°), 63NM. **EA HL-8/10C.**

V30 estbld: CRP Jinan VORDME (YQG) - NCRP KAMOM at N3723.5 E11715.3 - CRP Tianjin NDB (CG), 009°/189°, 34/102NM, MOCA 3350T. **EA HL-8/10CD11D.**

V31 estbld: CRP Jinan VORDME (YQG) - NCRP GOTVA at N3721.4 E11709.9 - CRP LADIX, 001°/181°, 31/107NM, MOCA 3350T. **EA HL-8/10CD11D.**

W32, NCRP ASURI estbld at N4236.2 E11154.0; Hohhot VORDME (HET) - ASURI - INTIK, 112/65NM. **EA HL-8/9CD.**

W59, CRP AVNIX estbld at N3843.0 E11604.5; Hengshui NDB (HG) - AVNIX - Zangangzhen NDB (JB), 63/21NM. **EA HL-8/10C.**

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W78, CRP ASAVA estbld at N4020.2 E11619.6; SOSDI - ASAVA - Chedaoyu NDB (CDY), 41/43NM. **EA HL-8/9D10C11D.**

W82, CRP NIRON estbld at N3853.1 E11643.8; Potou VORDME (BTO) - NIRON - DOGAR, 47/17NM. **EA HL-8/10C11D.**

W131 estbld: CRP Qingbaikou NDB (CD) - CRP ASAVA at N4020.2 E11619.6 - CRP GITUM, 057°/237°, 31/39NM, MOCA 8280T. **EA HL-8/9D10C11D.**

W132 estbld: CRP Xingtang NDB (OC) - CRP NIPES at N3832.7 E11504.8 - CRP AVNIX at N3843.0 E11604.5 - CRP IKENU at N3845.5 E11618.8, 083°/263°, 25/48/11NM, MOCA 2650T; IKENU - CRP NIRON at N3853.1 E11643.8 - CRP Tianjin NDB (CG), 075°/255°, 21/32NM, MOCA 3350T. **EA HL-8/9D10C11D.**

W133 estbld: CRP AVNIX at N3843.0 E11604.5 - CRP BOBAK, 038°/218°, 29NM, MOCA 2020T. **EA HL-8/10C11D.**

W134 estbld: CRP OKVUM (N3628.7 E11030.6) - CRP MABKU, 060°/240°, 169NM, MOCA 8570T. **EA HL-8/9D.**

W135 estbld: CRP NUGLA (N3547.2 E10922.6) - CRP MAPMU, 042°/222°, 97NM, MOCA 7100T; MAPMU - CRP OVKEM at N3746.5 E11221.1 - CRP EKETA at N3752.5 E11235.4 - CRP EXUMI at N3805.0 E11304.9, 066°/246°, 93/13/27NM, MOCA 9200T. **EA HL-8/9D.**

W136 estbld: CRP EXUMI at N3805.0 E11304.9 - CRP TEDIB at N3825.9 E11350.4 - CRP PIGAN at N3830.3 E11400.1, 065°/245°, 42/9NM, MOCA 7890T; PIGAN - CRP Xingtang NDB (OC), 102°/282°, 27NM, MOCA 6080T. **EA HL-8/9D10C.**

W137 estbld: CRP TEDIB at N3825.9 E11350.4 - CRP NONIT, 021°/201°, 15NM, MOCA 9460T. **EA HL-8/9D.**

W142 estbld: CRP Jinan VORDME (YQG) - CRP DALIM, 186°/006°, 29NM, MOCA 7170T. **EA HL-8/10CD.**

W558 estbld: CRP NIXUR at N4102.0 E11214.2 - CRP Liangcheng NDB (SZ), 164°/344°, 33NM, MOCA 9540T. **EA HL-8/9D.**

W559 estbld: CRP TODAM (N3929.0 E11212.2) - CRP EGANA at N4031.7 E11210.0, 004°/184°, 62NM; EGANA - CRP Hohhot VORDME (HET), 319°/139°, 17NM; TODAM to Hohhot VORDME, MOCA 9540T. **EA HL-8/9D.**

W560 estbld: CRP TODAM (N3929.0 E11212.2) - CRP PUGUT at N4032.1 E11151.0, 350°/170°, 65NM, MOCA 9540T; PUGUT - CRP Hohhot VORDME (HET), 016°/196°, 12NM, MOCA 9240T. **EA HL-8/9D.**

W561 estbld: CRP EXOSU at N4056.8 E11153.9 - CRP BUTPO at N4150.2 E11254.3, 045°/225°, 70NM, MOCA 9240T; BUTPO - CRP Turmurtai VORDME (TMR), 093°/273°, 11NM, MOCA 7810T. **EA HL-8/9D.**

W562 estbld: CRP Wuji NDB (FL) - CRP NIPES at N3832.7 E11504.8 - CRP SAKOD at N3840.4 E11509.8, 032°/212°, 20/9NM, MOCA 2210T. **EA HL-8/10C.**

HAILAR NDB (UC) name chgd to Xiha. **EA HL-8/9B.**

LUANXIAN VORDME (LUX) coords chgd to N3944.5 E11843.6. **EA HL-8/10C.**

## CZECH

## ATS ROUTES changed:

L132, BADUG replaced by NCRP BEKTO at N4957.9 E01242.7; NCRP SUPIL estbld at N5022.4 E01248.8; AGNAV - BEKTO - SUPIL, 006°, 24/25NM, MOCA 4000T/4500T; SUPIL - KILNU, 028°, 7NM, MOCA 5300T. **E LO-11/2C.**

P31 realigned: MAREM (N5042.9 E01337.7) - NCRP RUDAP at N4914.5 E01315.9, 186°, 90NM, MOCA 5100T, MEA FL80, CDR 1. **LKPR 10-1, E LO-11/2C.**

P861, Rakovnik NDB (RAK) to LETKO realigned: Rakovnik NDB - NCRP DOBEN, 192°, 20NM, MOCA 3500T; DOBEN - NCRP RUDAP at N4914.5 E01315.9, 197°, 34NM, MOCA 5100T, MEA FL80; Rakovnik NDB to RUDAP, CDR 1. **LKPR 10-1, E LO-11/2C.**

T44, Holesov NDB (HLV) - MAVOR, redesignated P10. **E LO-11/3C.**

T106 realigned: MAREM (N5042.9 E01337.7) - NCRP DIKVA at N5012.6 E01325.7, 191°, 31NM, MOCA 4300T; DIKVA - NCRP VESUB at N4925.2 E01259.8, 197°, 50NM, MOCA 3700T, MEA FL80, CDR 1. **LKPR 10-1, E LO-11/2C.**

T108 estbld: NCRP Rakovnik NDB (RAK) - NCRP EKMES at N4958.7 E01329.7, 224°, 10NM, MOCA 3200T; EKMES - NCRP NIRGO at N4919.9 E01307.9, 197°, 41NM, MOCA 4700T, MEA FL80, CDR 1; Rakovnik NDB to NIRGO, one-way SW-bound. **LKPR 10-1, E LO-11/2C.**

T136, KOLAD replaced by NCRP NIRGO at N4919.9 E01307.9; DOBEN - NIRGO, 210°, 31NM, MOCA 4300T, MEA FL80. **LKPR 10-1, E LO-11/2C.**

T255, DOBEN (N4946.4 E01333.7) - CERNO, withdrawn. **LKPR 10-1, E LO-11/2C.**

Z164 estbld: NCRP ASTEL (N5051.9 E01451.6) - NCRP KOMUR, 208°, 21NM, MOCA 4700T, one-way SW-bound. **E LO-11/2D.**

BRNO NDB (BNO) deconsnd. **E LO-11/3C.**

## DENMARK

## ATS ROUTES changed:

T660, BAMPI (N5550.6 E00816.2) to AMRAM, 276°/096°, chgd to two-way. **E LO-10/6B7A.**

AARHUS NDB (TU) deconsnd. **E LO-10/7B.**

## FINLAND

HEKA NDB (HEK) deconsnd. **E LO-9/3B.**

## GERMANY

## ATS ROUTES changed:

A905, Michaelsdorf VOR (MIC) - Hamburg VORTAC (HAM), withdrawn. **E LO-10/7D.**

G5, Leine VORDME (DLE) to Hamburg VORTAC (HAM), MEA 5000', one-way N-bound; Leine VORDME - AGATI, CDR 1, 2. **E LO-10/7CD, E LO-11/1B.**

G99, Hehlingen VORDME (HLZ) - DIRBO, MEA 5000'. **E LO-10/7D, E LO-11/1B.**

L619, NCRP GOLEN estbld at N5403.6 E00819.3; Helgoland VORDME (DHE) - GOLEN - OSTOR, 16/29NM. **E LO-10/7C.**

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- L856, NCRP KONIN estbld at N4751.4 E01122.1; XATER - KONIN - MANAL, 11/18NM. **E LO-12/5B**.  
 M736, MANAL (N4754.0 E01148.0) - TULSI, chgd to one-way S-bound. **E LO-12/5B**.  
 M852, Hehlingen VORDME (HLZ) - ULSEN, MEA 5000'. **E LO-10/7C, E LO-11/1B**.  
 N125, NCRP AVESA estbld at N5317.6 E00809.5; DOTOB - AVESA - REVLA, 3/13NM. **E LO-10/7C**.  
 N850, BAGOS (N5434.4E01116.2) via Michaelsdorf VOR (MIC) to BOGMU, CDR 1, 2. **E LO-10/7D**.  
 P31, ETIMA (N4908.2 E01309.3) to DEGIN realigned: NCRP RUDAP at N4914.5 E01315.9 - NCRP BARIK at N4907.4 E01310.6 - NCRP BAMTA at N4843.9 E01253.3, 203°, 8/26NM; BAMTA - DEGIN - VIBUG, 220°, 11/13NM; RUDAP to DEGIN, MEA 8000'; RUDAP to VIBUG, one-way S-bound. **E LO-11/2C, E LO-12/5B6A**.  
 P992, NCRP GIKOG estbld at N5438.3 E00857.5, ATTUS - GIKOG - BADOS, 17/17NM. **E LO-10/7C**.  
 Q800 extended: NCRP ASDIN - NCRP BILRA at N5446.9 E01420.3, 068°/247°, 21NM, MEA 4000'. **E LO-10/8C**.  
 T101, AMGAS (N4744.2 E01115.0) renamed NINUR. **E LO-12/5B**.  
 T102, AMGAS (N4744.2 E01115.0) renamed NINUR. **E LO-12/5B**.  
 T105, LEKMI (N4921.1 E01246.9) to LANDU realigned: NCRP LULAR at N4922.0 E01245.5 - NCRP EXUSI at N4913.4 E01239.4, 202°, 10NM; EXUSI - NCRP Roding VORDME (RDG), 203°/(023°), 12NM; Roding VORDME - NCRP GOMAX at N4847.4 E01220.9, 203°, 17NM; GOMAX - NCRP VESIX at N4841.6 E01218.7 - LANDU, 192°, 6/6NM; LULAR via Roding VORDME to LANDU, MEA 6000', one-way S-bound. **E LO-11/2C, E LO-12/5B**.  
 T106, KOLAD (N4921.7 E01305.3) to LANDU realigned: NCRP VESUB at N4925.2 E01259.9 - NCRP BAGMI at N4913.6 E01251.4 - NCRP ODUDA at N4904.5 E01244.8 - NCRP NETES at N4854.4 E01237.6 - NCRP UNKOM at N4847.8 E01232.9, 203°, 13/10/11/7NM; UNKOM - NCRP MITNU at N4842.1 E01229.7 - NCRP TUSTO at N4836.5 E01226.5, 198°, 6/6NM; TUSTO - LANDU, 261°, 7NM; VESUB to ODUDA, MEA 8000'; ODUDA - NETES, MEA 7000'; NETES to LANDU, MEA 5000'; VESUB to LANDU, one-way SW-bound. **E LO-11/2C, E LO-12/5B6A**.  
 T108 estbld: NCRP NIRGO at N4919.9 E01307.9 - NCRP ARBAX at N4912.7 E01302.6 - NCRP USEMI at N4906.5 E01258.1 - NCRP LITLI at N4857.9 E01251.8 - NCRP OSTES at N4842.4 E01240.7 - NCRP BINGU at N4837.2E01237.1, 203°, 8/7/10/17/6NM; BINGU - NCRP TUSTO at N4836.5 E01226.5, 262°, 7NM; TUSTO - NCRP LANDU, 261°, 7NM, CDR 1; NIRGO to LITLI, MEA 8000', LITLI - OSTES, MEA 7000'; OSTES to LANDU, MEA 5000'; NIRGO to LANDU, one-way SW-bound. **E LO-11/2C, E LO-12/5B6A**.  
 T157, RIMET (N5120.0 E01013.2) to KOKEB, MEA FL230. **E LO-11/1B**.  
 T203 extended: NCRP RUDNO (N4920.2 E01232.5) - NCRP XEVIX at N4926.2 E01239.4, 035°, 8NM, MEA FL250, one-way NE-bound; GAVLI to BESIP, MEA 7000'. **E LO-11/2AC**.  
 T503, GIMRU (N5433.6 E01118.8) - Michaelsdorf VOR (MIC), CDR 1, 2. **E LO-10/7D**.  
 T504, NITLA (N5430.1 E01108.4) - Michaelsdorf VOR (MIC), CDR 1,2. **E LO-10/7D**.  
 T700 extended: NCRP NETES at N4854.4 E01237.6 - STAUB, 168°, 7NM; STAUB to DEGIN realigned: STAUB - NCRP OSTES at N4842.4 E01240.7 - DEGIN, 168°/348°, 5/6NM; Eggenfelden NDB (EGG) - KIRDI, 164°/343°; KIRDI - BADIT, 166°/346°; NETES via Eggenfelden NDB to BADIT, MEA 5000'; NETES to STAUB, one-way S-bound. **E LO-11/2C, E LO-12/6A**.  
 T703, ARMUT (N4943.4 E01219.4) to BEPAS realigned: ARMUT - NCRP XEVIX at N4926.2 E01239.4, 141°, 22NM; XEVIX - NCRP LULAR at N4922.0 E01245.5, 134°, 6NM; LULAR - NCRP ARBAX at N4912.7 E01302.6, 127°, 15NM; ARBAX - NCRP BARIK at N4907.4 E01310.6 - BEPAS, 133°, 8/19NM; SODRO to ARBAX, MEA 7000'; ARBAX to PASAU, MEA 8000'; GALMA to PASAU, one-way S-bound. **E LO-11/1D2C, E LO-12/6A**.  
 T726, TOSTU (N4942.8 E00948.4) via TINOD, TAKUT to GEBNO realigned: TOSTU - NCRP NIKUT, 177°, 6NM; NIKUT - GEBNO, 168°, 27NM; TOSTU to GEBNO, cruising levels chgd to standard, ODD levels S-bound. Eff 9 Feb 12. **E LO-11/1CD**.  
 UQ374 estbld: NCRP LALUK (N5048.3 E01352.8) - NCRP MITNI, 301°, 50NM, MEA 7000', MAA FL310, one-way W-bound, CDR 1. **E LO-11/2AC**.  
 UQ375 estbld: NCRP TORPU (N5110.2 E01312.6) - NCRP MAREM, 147°, 32NM, MEA 7000', MAA FL310, one-way E-bound, CDR 1. **E LO-11/2AC**.  
 Y206, GERGA (N5236.2 E01401.7) to Slubice VORDME (SUI), withdrawn. Eff 9 Feb 12. **E LO-10/8C, E LO-11/2AB**.  
 Y208, TUVAK (N5224.0 E01404.2) - Slubice VORDME (SUI), withdrawn. Eff 9 Feb 12. **E LO-10/8C, E LO-11/2AB**.  
 Y209 estbld: NCRP TUVAK (N5224.0 E01404.2) - NCRP ARSAP at N5213.7 E01442.8, 111°, 26NM, MEA 4000', one-way E-bound. **E LO-10/8C, E LO-11/2AB**.  
 Y210 estbld: NCRP GORIG (N5219.0 E01405.3) - NCRP ARSAP at N5213.7 E01442.8, 100°, 24NM, MEA 4000', one-way E-bound. **E LO-10/8C, E LO-11/2AB**.  
 Y232, PEPOL (N5207.6 E01340.9) to DIDUM, withdrawn. **E LO-10/8C, E LO-11/2AB**.  
 Z88 extended: Leine VORDME (DLE) - NCRP UPDAT, 146°, 23NM, MEA 5000', one-way SE-bound. **E LO-10/7CD, E LO-11/1B**.  
 Z113, Leine VORDME (DLE) via OBATU to LEVBU, chgd to two-way, EVEN levels N-bound; Leine VORDME - OBATU, 034°/214°, MAA FL160 (N-bound), MAA FL240 (S-bound); OBATU - LEVBU, 002°/182°, MAA FL160 (N-bound), MAA FL650 (S-bound). **E LO-10/7CD, E LO-11/1B**.

## GREECE

## ATS ROUTES changed:

- B1, Didimon VORDME (DDM) - Athens VORDME (ATV), cruising levels should be NON-standard, EVEN levels NE-bound. **E LO-14/9CD**.

## EASTERN EUROPE

IOANNINA NDB (IOA) decmsnd. **E LO-14/8B9A.**  
KALAMATA NDB (KTA) decmsnd. **E LO-14/9C.**

## ITALY

## ATS ROUTES changed:

M622 estbld: CRP SUKUN (N4045.0 E00954.7)  
- CRP QUENN, 139°/319°, 46NM; QUENN -  
CRP ABKON at N3952.3 E10104.8, 144°/324°,  
21NM, SUKUN to ABKON, MEA FL100, CDR 1,3.  
**E LO-14/6B7A.**  
Q123, CRP LULIX estbld at N4015.4 E00953.1;  
QUENN - LULIX - VEKET, 31/25NM.  
**E LO-14/6B7A.**

LI(P)-AREA STROMBOLI ISLAND estbld: circle  
with 1NM radius centered on N3847.6 E01513.0,  
1000'-FL85. **E LO-14/7D.**

LI(P)-AREA SW FERRARA redesignated LI(P)-267.  
Eff 9 Feb 12. **E LO-13/1B.**

## JAPAN

## ATS ROUTES changed:

A582 Aikoh revoked. Hacha - Erabu (ONC) VOR  
47NM. MAMIK NCRP desig (N25 24.3 E 127 23.3).  
Chinen (TIC) VOR - Mamik - Sakon 50/86NM.  
**NPHI-2/2.**

A582 Sakon Int - NIMOX NCRP (N22 54.7 E126 08.4)  
- Bisig Int 79/125NM. **NPHI-2/1,2.**

G203 Opera Int - [01JEC] MIL BRK 82 NM; [01JEC]  
mil brk - Kalek Int 57 NM MEA 11000. **NPHI-2/3.**

OTR11 ARROW and FACER revoked. CVC VOR -  
BANDY - KAGIS 14NM/30NM/42NM. **NP-HI2/4.**

R347 revoked IGROD - Niigata (GTC) VOR.  
**NPHI-2/4.**

R347, IGROD (N4139.0 E13647.0) via Sado NDB  
(NI) to Niigata VORTAC (GTC), redesignated  
Y347, chgd to one-way S-bound; Sado NDB  
replaced by NCRP GOLDO at N3804.0 E13824.6;  
IGROD - EKVIK, MOCA 2000T, MEA FL300;  
EKVIK to HANAB, MOCA 2000T; HANAB -  
GOLDO, MOCA 6000T, MEA 9000'; GOLDO -  
Niigata VORTAC, MOCA 6000T; EKVIK to Niigata  
VORTAC, cruising levels chgd to NON-standard,  
EVEN levels SE-bound. **EA HL-10/11CD,**  
**EA HL-12/1C.**

R580 Nicho - Oatis cruise levels FL200-220-240-  
260-280-300-320-340-350-360-370-380-390-  
400-410. **NPHI-2/4-5-6-7-8-9.**

Y14, Sado NDB (NI) replaced by NCRP GOLDO  
at N3804.0 E13824.6. **EA HL-10/11D,**  
**EA HL-12/1C (to-note).**

Y301, NCRP REALU estbld at N3949.0 E13817.4;  
CLALA - REALU - SEILO, 30/64NM; IGROD to  
KAMOH, cruising levels chgd to standard, ODD  
levels SE-bound. **EA HL-10/11CD.**

Y347 desig one-way SW-bnd IGROD - EKVIK  
194°/014°, 115NM, MEA FL300 MOCA 2000;  
Ekvik - SCOPE 148°/328°, 85NM, MEA FL150  
MOCA 2000; Scope - HANAB 149°/329°, 18NM,  
MEA FL150 MOCA 2000; Hanab - GOLDO  
NCRP (N38 03.9 E138 24.6) 149°/329°, 28NM,  
MEA 9000 MOCA 6000; Goldo - Niigata (GTC)  
VOR 109°/289°, 34NM, MEA 9000 MOCA 6000.  
**NPHI-2/4.**

## ATS ROUTES (undesigned) changed:

THE FOLLOWING TEMPORARY ATS routes desig  
1500UTC 19 OCT 11 to 1500UTC 4 APR 12  
(During the unavailability of Choshi [CVC]  
VORTAC):

Saruda (SAE) VOR - MONAS NCRP (N35 45.4  
E141 05.0) 093°/273°, 17nm, MEA 6000; Monas  
- RALLY NCRP (N35 47.1 E141 41.3) 093°/273°,  
30nm, MEA 6000; Rally - Kagis: 093°/273°, 42nm,  
MEA 11000.

(SAE) VOR - Cupid 137°/317°, 23nm, MEA 5000.  
(SAE) VOR - Kiwwi NCRP (N35 14.6 E141 16.3) -  
PLANT NCRP (N35 05.8 E141 25.7) - Sunns 145°/  
325°, 40nm/12m/23nm, MEA 11000.

(SAE) VOR - MAMAS NCRP (N35 25.3 E140 53.3)  
166°/346°, 21nm, MEA 7000; Mamas - GRAPE  
NCRP (N34 59.0 E141 05.7) 166°/346°, 28nm  
MEA7000; Grape - Mered 166°/346°, 48nm, MEA  
9000.

(SAE)VOR - CHEEK NCRP (N35 17.9 E140 42.6) -  
FANDE NCRP (N34 54.3 E140 41.2) - Syoyu 190°/  
010°, 26nm/24nm/11nm, MEA 6000.

(SAE)VOR-MIZHO NCRP (N36 00.0 E140 39.9) -  
Kasmi 354°/174°, 16nm/5nm, MEA 6000.

Kisarazu (KZE) VOR - Grape 120°/300°, 64nm,  
MEA 7000.

PLANT - Acqua 089°/269° 36nm MEA 11000.  
**NPHI-2/4.**

CHOSHI (CVC) VORTAC OTS from 1500UTC 27  
JUL 11 to 1500UTC 4 APR 12, associated airways  
realigned to SARUDA (SAE) VOR/DME (N35 44.4  
E140 44.1). Freq 117.3, Mag Var 7°W. **NPHI-2/4.**  
MIYAKOJIMA NDB (MY) decmsnd. Eff 08 Feb 12.  
**NP HI-2/2.**

NIIGATA (GT) NDB decmsnd. **NPHI-2/4.**  
Oshima (XA) NDB decmsnd. **NP H/L-2/3.**

PABBA HOLDING desig. Hold SE, 237° inbound,  
LEFT turns. **NPHI-2/4.**

SADO NDB (NI) decmsnd. **EA HL-10/11D.**

SADO (NI) NDB decmsnd. **NPHI-2/4.**

## KAZAKHSTAN

ALMATY Lctr (AL) decmsnd. **EA HL-6/7D8C.**

ALMATY Lctr (LM) decmsnd. **EA HL-6/7D8C.**

## KOREA, DPR OF

## ATS ROUTES changed:

A345, GASAN (N3943.9 E12526.7) via Anju NDB  
(KP) to Pyongyang NDB (WK), chgd to one-way  
S-bound, ODD levels S-bound. **EA HL-8/10D11C.**

A575, CRP YOMJU estbld at N4000.7 E12446.6;  
JONJU - YOMJU, 28NM; YOMJU - GOLOT, chgd  
to two-way, 322°/141°, 17NM. **EA HL-8/10D11C.**

## ATS ROUTES (undesigned) changed:

ESTBLD: CRP POINT 2 [P2] at N3800.0 E12420.0  
- CRP POINT 1 [P1] at N3851.0 E12414.8,  
003°/183°, 51NM; [P1] - CRP YOMJU at N4000.7  
E12446.6, 027°/207°, 74NM; [P2] to YOMJU, MEA  
7900', EVEN levels N-bound. **EA HL-8/10D11C.**

## LATVIA

LIEPAJA TMA withdrawn. **E LO-10/9AB, E LO-9/3C.**

## EASTERN EUROPE

## MOLDOVA

## ATS ROUTES changed:

- L130, NCRP BINOM estbld at N4616.4 E02844.0; TAVRU - BINOM, 19NM, chgd to one-way NW-bound; BINOM - LIPTA, 22NM; LIPTA - ERADA, MEA FL100. **E LO-15/3AB.**
- N180, LIPTA (N4637.6 E02834.5) - LUSAV, one-way N-bound; NCRP VOLVO estbld at N4734.5 E02904.0; LUSAV - VOLVO - ATREK, 25/20NM. **E LO-15/3AB, EA HL-1/4D.**
- N181, NCRP VENIL estbld at N4658.5 E02814.8; LAVDA - VENIL - POGAV, 72/12NM. **E LO-15/3B.**
- N600 estbld: CRP RUVER at N4631.2 E02905.3 - NCRP VOLVO at N4734.5 E02904.0, 354°, 63NM, MEA FL100, one-way N-bound. **E LO-15/3AB, EA HL-1/4D.**
- N743, LAVDA (N4807.5 E02843.8) to TAVRU realigned: LAVDA - NCRP LOBRO at N4635.7 E02844.0 - NCRP BINOM at N4616.4 E02844.0 - CRP GIDRO at N4549.3 E02844.1, 175°, 92/19/27NM, MEA FL100, one-way S-bound. **E LO-15/3AB.**
- N978, NCRP VENIL estbld at N4658.5 E02814.8; BUSES - VENIL - LUSAV, 6/28NM. **E LO-15/3B.**
- T500 estbld: CRP LAVDA (N4807.5 E02843.8) - NCRP RIVIS - CRP SORET, 185°, 55/88NM, MEA FL100, one-way S-bound. **E LO-15/3AB.**
- Z888 estbld: CRP RUVER at N4631.2 E02905.3 - NCRP Chisinau VORDME (KIV), 338°/(158°), 26NM, one-way NW-bound; Chisinau VORDME - NCRP LUSAV, 349°/169°, 16NM; LUSAV - CRP LAVDA, 350°/170°, 57NM; RUVER via Chisinau VORDME to LAVDA, MEA FL60. **E LO-15/3AB.**

## NORWAY

## ATS ROUTES changed:

- P65, Seida VORDME (SDA) - BARUX, MEA FL110. **EA HL-11/6B.**
- P80, PIPUL coords chgd to N7120.0 E02651.8. **EA HL-11/6B.**
- Z132 extended: Skien VORDME (SKI) - NCRP Torp VORDME (TOR), 091°/272°, 21NM; Torp VORDME - NCRP BOMGU, 136°/316°, 21NM; Skien VORDME via Torp VORDME to BOMGU, MEA FL100. **E LO-9/1B.**

## POLAND

## ATS ROUTES changed:

- M857, NCRP XESNA estbld at N5225.6 E02217.8; GERVI - XESNA - BULEP, 17/21NM. **E LO-10/9D, E LO-11/4A, E LO-15/1D.**
- Y209 estbld: CRP ARSAP at N5213.7 E01442.8 - NCRP KELOD, 086°, 43NM, MEA FL110, one-way E-bound. **E LO-10/8CD, E LO-11/2B.**
- Y210 estbld: CRP ARSAP at N5213.7 E01442.8 - NCRP OLUMA, 114°, 44NM; OLUMA - NCRP PEKOT, 141°, 111NM; ARSAP to PEKOT, MEA FL110, one-way SE-bound, CDR 1, 2, 3. **E LO-10/8C, E LO-11/2B3AC.**
- Y232, DIDUM (N5211.0 E01443.3) - KELOD, withdrawn. **E LO-10/8CD, E LO-11/2B.**

- Z159 estbld: CRP REGLI (N5001.8 E01759.7) - NCRP OSKEX at N5105.4 E01734.2, 342°, 66NM; OSKEX - NCRP MAVOT at N5149.8 E01713.9 - NCRP NILPU at N5157.2 E01710.5, 340°, 46/8NM; REGLI to NILPU, MEA FL100, one-way N-bound. **E LO-11/3ACD.**
- Z181 estbld: NCRP UBOMI at N5231.2 E01540.3 - NCRP ELSUP at N5232.4 E01524.7, 274°, 10NM; ELSUP - CRP XIGRI at N5230.7 E01436.6, 263°, 29NM; UBOMI to XIGRI, MEA FL100, one-way W-bound. **E LO-10/8CD, E LO-11/2B.**
- Z460, NCRP XESNA estbld at N5225.6 E02217.8; ASLUX - XESNA - TOXAR, 8/14NM. **E LO-10/9D, E LO-11/4A, E LO-15/1D.**

## ROMANIA

## ATS ROUTES changed:

- L5, Floresti VORDME (FLR) replaced by CRP FLR at same position. **E LO-13/5B, E LO-15/4C.**
- L130 estbld: CRP Constanta VORDME (CND) - NCRP CETUL, 010°/190°, 25NM; CETUL - NCRP TIRVO, 010°/189°, 18NM; TIRVO - CRP LOBKI at N4510.7 E02855.0 - CRP BADKA at N4522.7 E02906.7, 029°, 14/15NM, one-way NE-bound; Constanta VORDME to BADKA, MEA FL60, cruising levels NON-standard, EVEN levels NE-bound. **E LO-15/4A.**
- L622, Floresti VORDME (FLR) replaced by CRP FLR at same position. **E LO-13/5B, E LO-15/4C.**
- N181, Floresti VORDME (FLR) replaced by CRP FLR at same position. **E LO-13/5B.**
- N600 estbld: CRP REVDA (N4344.0 E02908.6) - CRP BADKA at N4522.7 E02906.7, 354°, 99NM, MEA FL180, one-way N-bound. **E LO-15/4AB.**
- N743 realigned: CRP IRMAM at N4513.5 E02843.4 - NCRP TIRVO - CRP DINRO, 172°, 14/78NM, MEAs FL70/FL180, one-way S-bound. **E LO-15/4AB.**
- P193 estbld: CRP REVDA (N4344.0 E02908.6) - CRP Constanta VORDME (CND), 315°/(135°), 44NM, MEA FL180, one-way NW-bound. **E LO-15/4AB.**
- P740, Floresti VORDME (FLR) replaced by CRP FLR at same position; DENAK to TIMUR, redesignated N181. **E LO-15/4C.**
- T285, Floresti VORDME (FLR) replaced by CRP FLR at same position. **E LO-13/5B, E LO-15/4C.**
- T900, Floresti VORDME (FLR) replaced by CRP FLR at same position. **E LO-13/5B, E LO-15/4C.**
- FLORESTI VORDME (FLR) decmsnd. **E LO-13/5B, E LO-15/4C.**
- LR(P)-3 redesignated LR(R)-3, upper limit FL105. **E LO-15/4C.**
- SUCEAVA NDB (SCV) decmsnd. **E LO-15/3A.**

## RUSSIA

## ATS ROUTES changed:

- A231, PEMAG (N5533.8 E06911.6) - BUNET, MEA FL60. **EA HL-7/3B4A.**
- A243, ULRAK (N5309.3 E05703.7) - URUSU, MOCA 4340T. Eff 9 Feb 12. **EA HL-7/2D.**
- A302, KUPON (N5945.0 E07516.9) to LIKOT, MEA FL60. **EA HL-9/4CD5C, EA HL-7/4AB.**
- A308, Turan NDB (TR) - KARSII, 316°/133°. **EA HL-7/5B, EA HL-8/7A.**

## EASTERN EUROPE

- A310, NCRP GIROK estbld at N5048.2 E10544.9; ADIDA - GIROK - SERNA, 64/41NM. **EA HL-8/8A**.  
A333, BESPFA (N5005.4 E13325.9) - NIKRA, MEA FL230. **EA HL-10/10A, EA HL-12/1B**.
- B8, Velikiye Luki VOR (WKL) replaced by CRP LUKEB at same position. **E LO-9/4D, EA HL-1/2C**.  
B148, Yakutsk VORDME (UTS) to SELDA, MEA FL190. **EA HL-11/10D11C**.  
B153, VESUR (N6108.9 E04148.2) - URIGA, MOCA 2780T. Eff 9 Feb 12. **EA HL-9/1B2A, EA HL-7/1B**.  
B210, Mendeleyevo NDB (MN) replaced by CRP GIMUN at same position. **EA HL-9/2D, EA HL-7/2AB**.  
B365, TIRET (N5328.7 E04741.8) - PIMON, 067°; PIMON - TIMUS, 066°; TIMUS - GISUL, 067°; TIRET to GISUL, chgd to one-way E-bound. **EA HL-7/1D2C**.  
B484, Beringovskiy NDB (BE) to BUMAT, MOCA 5910T, until 8 Feb 12. **EA HL-12/3D4CD**.  
B549, ADLEM (N4324.1 E03956.8) to LINOK, withdrawn. **EA HL-2/10D**.  
B714, BENEK (N5717.3 E03654.6) - RUNEP, MEA FL80. **EA HL-9/1C, E LO-9/5B, UUUW 10-1, EA HL-1/1B2A, EA HL-7/1A**.  
B947, KULOM (N4549.0 E04125.9) to TESMI, MEA FL60. **EA HL-2/10C**.  
B967, TINBI (N4408.4 E03854.2) - KEDUR, MOCA withdrawn. Eff 9 Feb 12. **EA HL-1/5B, EA HL-2/10D**.  
G3, GOLRI (N5342.3 E04101.4) - Oktyabrskiy NDB (FE), MOCA withdrawn. Eff 9 Feb 12. **UUWW 10-1, EA HL-2/7D, EA HL-7/1AC**.  
G7, GIKSI (N7141.8 E12854.1) via Nizhneyansk NDB (HA) to BAGET, MEA FL50. **EA HL-11/9B10A**.  
G59, Gorka NDB (GR) to Kargopol NDB (KP), withdrawn. **EA HL-9/1AB, EA HL-1/1A, EA HL-7/1A**.  
G111, Chudovo NDB (UD) via Osmino NDB (OS) to RANVA, withdrawn. **EA HL-9/1A, EA HL-1/1C**.  
G358, Mendeleyevo NDB (MN) replaced by CRP GIMUN at same position. **EA HL-9/2D, EA HL-7/2AB**.  
G366, Kotly NDB (KO) via Kikerino NDB (KE) to Chudovo NDB (UD), withdrawn. **EA HL-9/1A, EA HL-1/1C**.  
G368, Mendeleyevo NDB (MN) replaced by CRP GIMUN at same position. **EA HL-9/2D, EA HL-7/2AB**.  
G375, NARUD (N6517.9 E05008.5) - BILMI, MEA FL60. Eff 9 Feb 12. **EA HL-9/2B, EA HL-11/7C**.  
G485, Ulyanovsk-Baratayevka VORDME (BMK) to PIMON, chgd to one-way SE-bound. **EA HL-7/1D2C**.  
G490, NCRP LAMIR estbld at N5056.4 E10605.6; USONA - LAMIR - SERNA, 71/41NM. **EA HL-8/8A**.  
G704, Belozersk NDB (SU) via Chudovo NDB (UD) to PIRUS, withdrawn. **EA HL-9/1ABD, EA HL-1/1AC, EA HL-7/1A**.  
G712, Mendeleyevo NDB (MN) replaced by CRP GIMUN at same position. **EA HL-9/2D, EA HL-7/2AB**.  
G721, VATIS (N4251.7 E13208.9) - AGITA, MOCA 2960T. Eff 9 Feb 12. **EA HL-10/10D, EA HL-12/1C, EA HL-8/11A**.  
G800, OLATA (N6258.4 E03556.3) via Kargopol NDB (KP) to ALUTI, cruising levels chgd to NON-standard, EVEN levels SE-bound, until 8 Feb 12. **EA HL-9/1BD, EA HL-11/6D, EA HL-7/1AB**.  
G908, RATLA (N6051.5 E02820.3) to METAT, withdrawn. **EA HL-9/1AB, EA HL-7/1AB**.  
R1, Velikiye Luki VOR (WKL) replaced by CRP LUKEB at same position. **E LO-9/4D, EA HL-1/2C**.  
R11, Velikiye Luki VOR (WKL) replaced by CRP LUKEB at same position; Muravlyanka NDB (US) - Zadonsk NDB (TS), MEA FL100. **E LO-9/4D, EA HL-1/2C3A, EA HL-2/7D8C, EA HL-7/1C**.  
R200, TARSA (N6455.0 E07746.9) - NAPAD, MOCA 2630T. Eff 9 Feb 12. **EA HL-9/4AB, EA HL-11/8D**.  
R234, Gorka NDB (GR) via Kikerino NDB (KE) to RANVA, withdrawn. **EA HL-9/1A, EA HL-1/1AC**.  
R242, Kikerino NDB (KE) to Kirishki NDB (KR), withdrawn. **EA HL-9/1A, EA HL-1/1C**.  
R351, PEMID (N6852.1 W17922.4) via Lavrentiya NDB (LA) to KUTAL, withdrawn. **EA HL-12/4BD5C**.  
R374, Yukhnov NDB (UK) to LAMAG, MEA FL120. **EA HL-9/1C, E LO-9/5D, UUUW 10-1, EA HL-1/2B3A, EA HL-2/7CD8C**.  
R475, RATLA (N6051.5 E02820.3) to Belozersk NDB (SU), withdrawn. **EA HL-9/1ABD, EA HL-7/1A**.  
R478, Razdolnye NDB (BD) to AMUTA, MAA FL400. **EA HL-8/7B8A**.  
R487, Lyskovo NDB (OK) via Sharanga NDB (RZ) to LAMTU, MEA FL110. **EA HL-9/1D2C, EA HL-7/1B**.  
R493, TOGRI coords chgd to N5441.0 E05347.9. **EA HL-7/2C**.  
R703, Velikiye Luki VOR (WKL) replaced by CRP LUKEB at same position. **E LO-9/4B, EA HL-1/2C**.  
R807, METOL (N5004.0 E04524.9) to TONGI, MEA FL180. **EA HL-2/9AB, EA HL-7/1CD**.  
W91, TOGRI coords chgd to N5441.0 E05347.9 (for Russian users only). **EA HL-7/2C**.  
W134, Mendeleyevo NDB (MN) replaced by CRP GIMUN at same position (for Russian users only). **EA HL-9/2D, EA HL-7/2AB**.  
W177, TOGRI coords chgd to N5441.0 E05347.9 (for Russian users only). **EA HL-7/2C**.  
W214, PETIN (N5310.2 E15827.2) - TINEN, MEA FL110 N-bound, MEA FL140 S-bound, (for Russian users only). **EA HL-12/3C**.  
ABAKAN CTR estbld: N5319.3 E09139.3 - then cw along an arc with 27NM radius centered on N5344.5 E09123.1 to N5337.3 E09206.9 - N5325.0 E09133.0 - N5319.3 E09139.3, GND-FL90. **EA HL-7/5B, EA HL-8/6B7A**.  
CHEBOKSARY CTR estbld: circle with 13.5NM radius centered on N5605.4 E04720.9, GND-1400'. **EA HL-7/1B**.  
CHERTOVITSKOYE VORDME (IWV) 114.9 cmsnd at N5149.3 E03913.4. **EA HL-2/8C, EA HL-7/1C**.  
ELISTA Lctr (BV) decmsnd. **EA HL-2/10A**.  
GROZNY CTA lower limit above 900'AGL. **EA HL-2/10B11A, EA HL-3/1AB**.  
IRKUTSK CTR estbld: N5236.8 E10351.8 - N5236.3 E10355.2 - N5233.2 E10402.3 - then cw along an arc with 21.6NM radius centered on N5216.0 E10423.7 to N5228.0 E10354.3 - N5229.0 E10354.0 - N5236.8 E10351.8, 650'-FL50. **EA HL-8/8A**.

## EASTERN EUROPE

IRKUTSK TMA redesignated Irkutsk CTA, FL50-FL200. **EA HL-8/8A.**

MAKHACHKALA-UYTASH CTA estbld: N4307.0 E04722.0 - N4300.0 E04727.0 - N4258.0 E04721.0 - N4301.0 E04714.0 - N4308.0 E04708.0 - N4311.0 E04708.0 - N4307.0 E04722.0, above 900AGL-FL160. Eff 9 Feb 12.

**EA HL-3/1B.**

MAKHACHKALA-UYTASH CTR estbld: circle with 10.8NM radius centered on N4249.0 E04739.2, GND-FL110. Eff 9 Feb 12. **EA HL-3/1B.**

OMSK TMA redesignated Omsk-Tsentralny CTR, GND-FL100. **EA HL-7/4A.**

PERM VORDME (PER) 108.2 cmsnd at N5755.2 E05601.7. **EA HL-9/2D, EA HL-7/2B.**

PSKOV CTA estbld: N5756.0 E02757.0 - N5801.0 E02805.0 - N5815.0 E02823.0 - N5817.0 E02838.0 - N5739.0 E02914.0 - N5737.0 E02850.0 - N5735.0 E02826.0 - N5735.0 E02807.0 - N5728.0 E02746.0 - N5749.0 E02736.0 - N5749.0 E02747.0 - N5756.0 E02757.0, above FL60-FL140. **E LO-9/4ACD, EA HL-1/4ABCD.**

PSKOV CTR vertical limits GND-FL60. **E LO-9/4ACD, EA HL-1/1CD.**

SALEKHARD TMA redesignated Salekhard CTA, FL50-FL150. **EA HL-9/3B, EA HL-11/7D8C.**

SAMARA CTA vertical limits FL50-FL200. **EA HL-7/2C.**

VELIKIYE LUKI VOR (WKL) decmsnd. **E LO-9/4D, EA HL-1/2C.**

YAKUTSK CTA redesignated Yakutsk TMA, above FL60-FL200. **EA HL-11/10BCD.**

## SERBIA-MONTENEGRO

## ATS ROUTES changed:

M173, Belgrade VORDME (BEO) replaced by CRP BEO at same position. **E LO-12/8C, E LO-13/4AB.**

M749, Belgrade VORDME (BEO) replaced by CRP BEO at same position. **E LO-12/8C, E LO-13/4AB.**

N739, Belgrade VORDME (BEO) replaced by CRP BEO at same position. **E LO-12/8C, E LO-13/4AB.**

Y505, Belgrade VORDME (BEO) replaced by CRP BEO at same position. **E LO-12/8C, E LO-13/4AB.**

Y520, Belgrade VORDME (BEO) replaced by CRP BEO at same position. **E LO-12/8C, E LO-13/4AB.**

Y575, Belgrade VORDME (BEO) replaced by CRP BEO at same position. **E LO-12/8C, E LO-13/4AB.**

BELGRADE VORDME (BEO) decmsnd. **E LO-12/8C, E LO-13/4AB.**

## SLOVAKIA

## ATS ROUTES changed:

M985, Dubove NDB (DBV) - MEBAN, CDR status withdrawn. **E LO-11/3D.**

## SWEDEN

## ATS ROUTES changed:

L996, NCRP LATKU estbld at N5833.4 E01158.2; KORET - LATKU - KELIN, 15/19NM. Eff 9 Feb 12 **E LO-9/1BD.**

Z132, NCRP LATKU estbld at N5833.4 E01158.2; XENTA - LATKU - IPKAL, 17/53NM. Eff 9 Feb 12. **E LO-9/1BD2C.**

DALSLAND DME (FEN) name chgd to Fengersfors. Eff 9 Feb 12. **E LO-9/1B.**

GRONHOGEN DME (MBL) name chgd to Morbylanga. Eff 9 Feb 12. **E LO-10/8B, E LO-9/2D.**

NCRP NIBNO estbld at N5944.4 E01221.5. Eff 9 Feb 12. **E LO-9/1B.**

## TAJIKISTAN

## ATS ROUTES changed:

A103, DILRO (N4024.5 E06916.6) - IRLOV, MEA FL120. **UTTT 10-1, EA HL-4/8B.**

G3, DILRO (N4024.5 E06916.6) - LEGSU, MOCA 9780T, MEA FL100. **UTTT 10-1, EA HL-4/8B.**

G555, IBKIT (N3900.9 E06746.3) - NULRI and EKMBI - ATPOT, MOCA 18210T. **UTTT 10-1, EA HL-4/8AB.**

## TURKEY

## ATS ROUTES changed:

T341 estbld: CRP ERKAL (N4059.2 E02958.8) - CRP Cengiz Topel NDB (CTP), 156°/336°, 16NM, MEA 7000', cruising levels NON-standard, EVEN levels SE-bound. **E LO-15/5A.**

UW704, SONAN (N4038.4 E03854.2) renamed BAMLA. Eff 9 Feb 12. **EA HL-2/11D.**

UW706, SONAN (N4038.4 E03854.2) renamed BAMLA. Eff 9 Feb 12. **EA HL-2/11D.**

LT(P)-4 upper limit FL110. Eff 9 Feb 12. **EA HL-1/6C.**

## TURKMENISTAN

FOREIGN AIRCRAFT entering Turkmenistan airspace must contact ATC at least 108NM before entry to receive entry clearance. **EA HL-3/2BD3ABCD4ABCD5AC, EA HL-4/6ABCD7ABCD8C.**

## UKRAINE

## ATS ROUTES changed:

B493, LAGUP (N4940.7 E02447.6) - TERNO, MEA 8000'. **E LO-15/2BD.**

L981, KUSAK (N4920.7 E02430.1) - GOTRA - RIMOS - INROG, MEAs 8000'/FL160/FL160. **E LO-15/2BD3A.**

M861 estbld: CRP SOMAT (N5155.7 E02522.3) - NCRP RELNO at N5056.2 E02604.9, 151°/332°, 65NM; RELNO - CRP ODESU at N4803.0 E02720.7, 152°/333°, 124NM; ODESU - CRP UNDOL, 153°/333°, 39NM; SOMAT to UNDOL, MEA FL200. **E LO-15/2AB3A.**

N600 estbld: CRP BADKA at N4522.7 E02906.7 - CRP RUVER at N4631.2 E02905.3, 354°, 69NM, MEA 8000, one-way N-bound. **E LO-15/3B4A.**

N743, TAVRU (N4558.5 E02851.9) to IRMAL realigned: CRP GIDRO at N4549.3 E02844.1 - CRP IRMAM at N4513.5 E02843.4, 176°, 36NM, MEA FL110, one-way S-bound. **E LO-15/3B4A.**

P26, KEMUN (N4908.1 E02314.6) via L'viv VORDME (LIV) to VABOD, MEA 8000'. **E LO-15/2CD.**

P727, NCRP RELNO estbld at N5056.2 E02604.9; ABRAD - RELNO, 348°/169°, 21NM; RELNO - GENKU, 360°/179°, 31NM; ABRAD to GELKU, MEA 9000', one-way N-bound. **E LO-15/2A.**

W537, Ivano-Frankivs'k VORDME (IVF) - KUSAK, MEA 8000'. **E LO-15/2D.**

## EASTERN EUROPE

BERDIANS'K CTR withdrawn. **EA HL-1/5A, EA HL-2/9D.**  
 CHERKASY CTR withdrawn. **UKBB 10-1, EA HL-1/4C.**  
 CHERKASY TMA withdrawn. **UKBB 10-1, EA HL-1/4C.**  
 KERCH CTR withdrawn. **EA HL-1/5AB.**  
 KHERSON CTR withdrawn. **EA HL-1/4D5C.**  
 KHERSON TMA withdrawn. **EA HL-1/4D5C.**  
 KHMEL'NYTS'KYI CTR withdrawn. **E LO-15/2B.**  
 KHMEL'NYTS'KYI TMA withdrawn. **E LO-15/2B.**  
 OZERNE CTR withdrawn. **UKBB 10-1, E LO-15/2B, EA HL-1/3D.**  
 SEVERODONETS'K CTR withdrawn. **EA HL-2/9C, EA HL-1/4AB.**  
 SEVERODONETS'K TMA withdrawn. **EA HL-1/4AB, EA HL-2/9C.**  
 TERNOPII' CTR withdrawn. **E LO-15/2B.**  
 TERNOPII' TMA withdrawn. **E LO-15/2B.**  
 UK(P)-6 upper limit 5000'. **UKBB 10-1.**  
 ZAVODS'KE CTR withdrawn. **EA HL-1/5C.**

## UZBEKISTAN

TASHKENT VORDME (TKT) 113.2 cmsnd at N4115.3 E06915.3. **UTTT 10-1, EA HL-4/8B, EA HL-6/6C.**

<b>TERMINAL CHARTS</b>
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## GENERAL

## POLAND

TA for all CIV IFR apts rounded down to 6500'.

## RUSSIA

The Russian CAA provided major changes for the AIRAC cycle effective 17 November 2011, including implementation of RVSM separation techniques and ICAO flight level system, airspace alignment and change of the existing coordinates standard to PZ-90.02. Also affected by the change are the countries of Afghanistan, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan.

We have also received late sources effective 17 November 2011. Please continue to refer to the notices published for the individual airports and our website.

[www.jeppesen.com/eurasiachange](http://www.jeppesen.com/eurasiachange).

## TERMINAL

**Abakan**, Russia, (11-2) For NDB apch minima chgd as follows: with FAF MDA(H) 2160'(1336'), w/o FAF MDA(H) 2700'(1876'), CAT A RVR 1800m VIS 2000m, CAT B 2400m, CAT C&D 4800m.  
**Almaty**, Kazakhstan, (10-9S, 10-9X, 11-3, 11-4) Ufn ILS CAT D DA(H) raised to 2520'(296').  
**Arad**, Romania, (11-1, 13-2) Ufn IAPs ILS and VOR rwy 27 suspended. Rwy 09 used for landing and rwy 27 for take-off only.

**Ashgabat**, Turkmenistan, (11-4/11-4A) ILS 30R operating, but does not conform to fac perf CAT 1/2. NDB 30R OCA(H) lowered to CAT A/B 1340ft (661ft), CAT C/D 1670ft (991ft), CAT A/B VIS lowered to 3000m.

**Baku**, Azerbaijan, EFF 25 AUG 11 BAKU Ground also avbl on 124.0MHz, Tower also on 118.1MHz. Lctr BI perm withdrawn.

**Batumi**, Georgia, Eff 26 Aug 10 stands 13 and 14 established at NW border of apron.

**Bishkek**, Kyrgyzstan, (Manas), (11-2) ILS DME rwy 26 '1BK' perm withdrawn; IAP 2 NDB rwy 26 suspended.

**Blagoveshchensk**, Russia, (Ignatyev), Ufn twy 3 clsd.

**Bratislava**, Slovakia, (M.R. Stefanik), (All SIDs) add note to chart heading: SIDs are also noise abatement procedures (refer to 10-4).

Ufn temp parking stands available due to construction of Terminal Building, refer to 10-8 and latest NOTAMs.

**Bucharest**, Romania, (Baneasa), (10-9A) Ufn LVP suspended.

Ufn FLR VOR DME u/s, all SID/STARs suspended. In case of RCF temp STARs to be used, refer to temp charts and latest NOTAMs; departures will be cleared on rwy heading to minimum safe altitude, then topocceed on radar headings to TMA exit point.

Ufn FLR VOR DME u/s, IAPs 11-1/1A, 11-2, 16-1/2 suspended; arriving acft will be cleared on radar headings to intercept temp IAP or for a visual approach; refer to temp charts and latest NOTAMs.

**Bucharest**, Romania, (Henri Coanda), FLR VOR DME u/s, all SID/STARs suspended. In case of RCF temp STARs to be used, refer to temp charts and latest NOTAMs; departures will be cleared on rwy heading to minimum safe altitude, then to proceed on radar headings to TMA exit point.

Ufn FLR VOR DME u/s, IAPs 21-1/1A, 21-2/2A, 21-3/4 suspended; arriving acft will be cleared on radar headings to intercept temp IAP or for a visual approach; refer to temp charts and latest NOTAMs.

**Budapest**, Hungary, (Liszt Ferenc Intl), Eff 28 AUG 08 work in progress in 4 phases. For details refer to temp charts 10-8/10-8A and latest NOTAMs.

**Cahul**, Moldova, Apt closed.

**Chengdu**, China, PR of, (Shuangliu), When routing LXA VOR - KAMAX on B213 report ADS-B (Automatic Dependent Surveillance-Broadcast) capability to TWR for engine start-up clearance.

**Cherkasy**, Ukraine, (16-1, 16-2) Until 29 Feb 12 OCA(H) raised for NDB 14 to 1040ft (665ft) and for NDB 32 to 1020ft (656ft).

**Choibalsan**, Mongolia, (Dornod), Twys C, D and E from D to beginning of apron closed.

**Chongqing**, China, PR of, (Jiangbei), (16-1/16-2) NDB rwy 02/20, CKG VOR DME u/s.

ATIS on freq 126.4MHz now ops as ATIS Arrival, H24.  
**Cluj-Napoca**, Romania, Com svc CLUJ Approach 125.1MHz withdrawn.

Eff 12 FEB 09 IAP ILS DME rwy 26 (11-1) replaced by temp IAP ILS DME rwy 26; refer to 11-01 and latest NOTAMs.

## EASTERN EUROPE

**Craiova**, Romania, (16-1) IAP NDB rwy 27 and NDBs EA and E perm withdrawn.

**Dalian**, China, PR of, (Zhoushuizi), Ufn MM rwy 28 u/s.

**Donetsk**, Ukraine, (10-9) Following twys still shown as under construction now designated: From west to east A3, A4, A5, A6 (A3 and A4 still clsd), continuation of parallel twy B also designated B; new twy C4 established, leading from intersection of B and A6 in southeasterly direction to new apron.

**Gdansk**, Poland, (Lech Walesa), (16-1, 16-2) Until 31 Aug 12 DA(H) for NDB rwy 29 procs raised to 910'(421'), RVR 1300m, ALS out CAT C,D RVR 2000m.

Ufn the following SIDs and STARs are not avbl due to VOR KRT u/s: Rwy 11 SIDs DEXIR & KEMUM 1A. RWY 29 SIDs VAPOS, DEXIR, LODNI & KEMUM 1G. RWY 11 STARs VAPOS, DEXIR, LODNI & KMI 1N. RWY 29 STARs VAPOS, DEXIR & LODNI1R.

**Hangzhou**, China, PR of, (Xiaoshan), (10-2) Waypoint OSTIN replaced by D14 DSH; (10-3A) waypoint OSTIN replaced by D11 DSH at N30 04.7 E120 42.0; (10-2A) HGH R114/D16.0 designated OSTIN.

**Hohhot**, China, PR of, (Baita), (10-2A) Crossing at IAF D21.5 HET/R-060 should read 'At 7880'.

(10-2C) Crossing at IAF D21.0 IKJ/263° bearing to KJ should read 'At 7880'.

(10-3A) SID BAV 16D cross HET at or above 9850'.

**Hulunbeier**, China, PR of, (Hailar), Twy 2 renamed twy C.

**Irkutsk**, Russia, Taxiing of Class 4, 5 and 6 acft at NIGHT and by day when VIS is 400m or less only with Follow-me vehicle.

**Ivano-Frankivsk**, Ukraine, Eff 18 NOV 10 PAPI-L rwy 10/28 established, 3°.

**Karaganda**, Kazakhstan, LDA/GS rwy 23 changed to 10724' (3269m).

**Kashi**, China, PR of, PAPI rwy 08 estbl'd.

Take-off minima raised for 2 TURB Eng or 3 & 4 Eng to VIS 800m.

**Katowice**, Poland, (Pyrzowice), Construction works in progress. Refer to temp chart 10-8 and latest NOTAMS.

**Kerch**, Ukraine, Apt perm closed.

**Kharkiv**, Ukraine, (Osnova), (13-4, 16-2) IAPs VOR and NDB Rwy 26 VIS with lights chgd to CAT A 1000m, CAT B,C 1200m and CAT D 1600m, ALS out values charted.

**Kosice**, Slovakia, Ufn Circling CAT C MDA(H) raised to 1970'(1215').

**Krasnoyarsk**, Russia, (Yemelyanovo), (10-3/3A) KUDIR renamed DIRIB.

**Kryvyi Rih**, Ukraine, (Lozovatka), Eff 17 Nov 11 waypoint TERPI and related SID/STARs withdrawn.

**Kuressaare**, Estonia, CAUTION - paragliding w/o radio up to 5000' around airport.

**Kutaisi**, Georgia, (Kopitnari), Apt closed.

**Kyiv**, Ukraine, (Boryspil'), Ufn twy D3 clsd.

**L'viv**, Ukraine, Construction work along rwy; (11-1, 11-2, 16-2) ILS Rwy 13/31 and NDB Rwy 31 suspended, additionally eff 25 Aug 11 (16-1) NDB

Rwy 13 suspended; for operational restrictions and modified IAPs refer to temp charts and latest NOTAMS.

Eff 25 Aug 11 during construction work on rwy SID/STARs renumbered and revised; refer to temp charts and latest NOTAMS.

**Lhasa**, China, PR of, (Gongga), When routing LXA VOR - KAMAX on B213 report ADS-B (Automatic Dependent Surveillance-Broadcast) capability to TWR for engine start-up clearance.

**Luhans'k**, Ukraine, PAPI-L rwy 09/27 installed, angle 3.0°.

**Mirny**, Russia, (10-2 thru 10-2Q, 10-3 thru 10-3E) do not use charts. Updated charts available with REV 30 DEC 11.

**Moscow**, Russia, (Domodedovo), (30-2B/C1/D/E/F/G/H/V5/V6/V7/V8/W/X/X1/X2/X5/X6/X7/X8) EFF 9 FEB 12 following holding inbound courses changed: over AO and FE NDBs from 331° to 329°; over IN and DR NDBs from 354° to 352°.

(30-3, 30-3P, 30-3S) Transitions BG 2D, BG 3D, NE 2D, NE 3D, NE 4D and SIDs BITSA 32D and 32W not avbl.

**Moscow**, Russia, (Vnukovo), (10-9) VNUKOVO Delivery freq 131.25 changed to 131.12Mhz.

**Mykolaiv**, Ukraine, Landing beyond GS rwy 05/23 7289'(2222m)/7350'(2240m).

**Ningbo**, China, PR of, (Lishe), Temporary SIDs, STARs and IAPs avbl during renewal of VOR DME NGB. Refer to temporary charts for details and to latest NOTAMS for effectivity.

**Nizhny Novgorod**, Russia, (Strigino), For apch to rwy 36L w/o radar ctl: to NG, turn RIGHT onto track 180° and follow published IAP.

**Novosibirsk**, Russia, (Tolmachevo), Take-off rwy 07/25 from rwy head 11802'(3597m) avbl, ignore ballnote 2.

**Pavlodar**, Kazakhstan, Eff 8 MAY 08 Indg beyond GS rwy 21 chgd to 7108'(2166m).

**Poznan**, Poland, (Lawica), EFF 02 JUN 11 UFN construction works in progress.

**Prague**, Czech, (Ruzyne), Eff 10 Feb 11 ufn temp CDAs avbl, refer to temp charts and latest NOTAMS.

**Pyongyang**, Korea, DPR of, (Sunan), PAPI rwy 01 angle chgd to 3.00°.

**Rivne**, Ukraine, PAPI-L rwy 12/30 angle 2.67°/3.0° ops.

**Rzeszow**, Poland, (Jasionka), Ufn (11-1, 11-2, 11-3) LOC Gs out, (13-3, 16-1) DA(H) 1100' (421'), RVR 1300m, ALS out Cat C&D RVR 2000m.

**Samara**, Russia, (Kurumoch), Until 19 May 12 rwy 15/33 and twys 5 to 11 closed.

**Satu Mare**, Romania, (16-1) IAP NDB rwy 19, NDB SAT and Lctr L perm withdrawn.

**Shanghai**, China, PR of, (Hongqiao), Rwy 18L/36R width decreased to 148' (45m).

**Shanghai**, China, PR of, (Pudong), (23-1/23-2) Lctr N withdrawn.

SHANGHAI Approach frequencies 121.1 and 127.75MHz avbl.

**Shenzhen**, China, PR of, (Baoan), (11-4) Until 31 Dec 12 LOC (GS out) rwy 34 OCA(H) raised to 380'(367'), ALS out CAT D VIS chgd to 2000m.

## EASTERN EUROPE

- Siauliai**, Lithuania, (11-1) ILS DA(H) raised for CAT B to 653'(210'), CAT C to 663'(220") and CAT D to 673'(230'). (11-2) ILS DA(H) raised for CAT B to 647'(210'), CAT C to 657'(220") and CAT D to 667'(230'). Take-off CATA,B,C below 250m and CAT D below 300m not auth.
- Tianjin**, China, PR of, (Binhai), (11-7, 13-2) Until 31 MAY 12 LOC (GS out) and VOR DME rwy 34L MDA(H) raised to 400'(393'), ALS out CAT D 2000m.
- Timisoara**, Romania, (Traian Vuia), (10-9/10-9A) Eff 1 JUL 10 Twy F renamed L and Twy O renamed F.
- Turkmenabat**, Turkmenistan, (16-1) Until 30 JUN 12 IAP NDB Rwy 15 VIS raised to 2500m.
- Turkmenbashi**, Turkmenistan, Rwy 16/34 renamed 16L/34R. New rwy 16R/34L located parallel to 16L/34R 623'(190m) to the west, dimensions 11483'(3500m) x 148'(45m).
- Urumqi**, China, PR of, (Diwopu), Twy T max wingspan 170'(52m) btn stands 148-154 and north of stands 12-13, max wingspan 179'(54,76m) north of stand 105, max wingspan stand 157'(48m) south of stands 141-147
- Varna**, Bulgaria, (10-9) PAPI rwy 27 angle chgd to 3.5°.
- Warsaw**, Poland, (Chopin), (10-1R, 10-2B/C/D/E/F/G/M/N, 10-3B thru 10-3N) Trans alt changed to 6500'.
- Weihai**, China, PR of, Eff 28 Jul 11 missed apch of all IAPs, MAX 190 KT applicable to turn only.
- Wroclaw**, Poland, (Strachowice), Eff 9 Feb 12 stands are in the process of being revised, for availability and current numbering refer to temp chart and latest NOTAMs.
- Yakutsk**, Russia, SID/STARs suspended.
- Yerevan**, Armenia, (Erebuni), (20-1R) In case of com failure during radar vectoring proceed to ZVR VOR DME at last cleared altitude but not below 7000'.
- Yerevan**, Armenia, (Zvartnots), (10-1R) In case of com failure during radar vectoring proceed to ZVR VOR DME at last cleared altitude but not below 7000'.
- Zagatala**, Azerbaijan, ZAGATALA Tower on 118.5 avbl H24.
- Zilina**, Slovakia, MM and OM rwy 06 u/s due to test operation.