

## EASTERN EUROPE SPECIAL MANUAL

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

**ENROUTE CHARTS****GENERAL**

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

**RUSSIA**

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

**AUSTRIA**

LIDSJ 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 OGRUB (N4754.9 E01355.8) withdrawn.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 PABSA (N4831.7 E01344.3) withdrawn.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.**

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

T117, Hrodna VORDME (GRD) chgd to CRP. **E LO-10/9D10C.**  
 Z367, SOGBI (N5412.8 E02511.8) - SURUG, CDR status withdrawn. **E LO-10/10C, E LO-15/1A.**

**BULGARIA****ATS ROUTES changed:**

L867, TIMUR (N4341.3 E02414.4) - RILEX, MEA FL130. **E LO-13/5B, E LO-15/3D4C.**  
 N127, DILVO (N4218.6 E02356.2) - OTKOK, CDR 1, 2. **E LO-13/5D, E LO-15/4C.**  
 N133, RESLA (N4319.7 E02318.8) to LOMOS, MEA FL130. **E LO-13/5A, E LO-15/3D.**  
 N739, RUMEN (N4218.3 E02418.8) to ADORU, CDR 1, 2. **E LO-13/5D, E LO-15/4C.**  
 P92, Plovdiv VORDME (PDV) - LETNI, MEA FL120; ADUNO - Plovdiv VORDME, CDR 1, 2. **E LO-13/5CD, E LO-15/4C.**  
 P127, Plovdiv VORDME (PDV) - ROVDO, CDR 1, 2. **E LO-15/4C.**  
 Q18, INKOM (N4315.2 E03038.4) - NEDSI, CDR 1, 2. **E LO-15/4A.**  
 Q26, ETUBA (N4248.9 E02635.8) - UPAMA, MEA FL130. **E LO-13/5B, E LO-15/3D4C.**  
 T226, ETUBA (N4248.9 E02635.8) to NAVOD, MEA FL130. **E LO-13/5B, E LO-15/3D4C.**  
 Y520, LUKOV (N4317.1 E02348.4) to UTEKA, MEA FL130. **E LO-13/5A, E LO-15/3D.**  
 Y551, DINEN (N4230.0 E02559.5) - NAVOD, MEA FL130. **E LO-13/5B, E LO-15/3D4C.**  
 Y553, DINEN (N4230.0 E02559.5) to SOMOV, MEA FL130. **E LO-13/5B, E LO-15/3D4C.**

**CROATIA**

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, E LO-13/2A.**

**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 P31, MAREM (N5042.9 E01337.7) to RUDAP, CDR status withdrawn.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 P861, Rakovnik NDB (RAK) to RUDAP, CDR status withdrawn.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, MOCAs 6000T/3700T; GOSEK - KOMUR, MOCA 3700T. **E LO-11/2CD.**  
 Z410, ROXUL replaced by IPDUL NCRP estbld at N4925.3 E01349.2; AGNAV - IPDUL - VAKLA, 48/37NM, MOCAs 4500T/3700T. **E LO-11/2CD.**

**ESTONIA**

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

**GERMANY****ATS ROUTES changed:**

Y100, Maisach VORDME (MAH) to MOMUK, CDR 1. **E LO-12/5B.**  
 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.**  
 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.**  
 Z39, LALIN (N4852.8 E01314.5) - DOMAL realigned; LALIN - DOLUP NCRP at N4907.2 E01323.7, 019°. **E LO-11/2C.**

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## GREECE

## ATS ROUTES changed:

- A14, ATLAN (N3550.9 E02525.6) withdrawn; ALIKI - XAVIS, 18NM. **E LO-14/9D10C.**
- B1, Skopelos VORDME (SKP) to DILOP, MEA FL80. **E LO-14/9BD.**
- G33, Kea VORDME (KEA) to Alexandroupolis VORDME (ALX), cruising levels chgd to NON-standard, EVEN levels N-bound. **E LO-14/10BD, E LO-15/4D.**
- G80, Sitia VORDME (SIT) to Rodos VORDME (RDS), cruising levels chgd to NON-standard, EVEN levels NE-bound. **E LO-14/10CD.**
- J61, Kalamata VORDME (KAM) to Didimon VORDME (DDM), cruising levels chgd to NON-standard, EVEN levels NE-bound. **E LO-14/9C.**
- L/UL54, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**
- L/UL617, Milos VORDME (MIL) chgd to CRP; ATLAN (N3550.9 E02525.6) withdrawn; ALIKI - XAVIS, 18NM. **E LO-14/9D10C.**
- L604, Paleochora VORDME (PLH) - DILMO, chgd to two-way. **E LO-14/9D.**
- M603, Kastoria VORDME (KAS) chgd to CRP. **E LO-14/8B9A.**
- N/UN133, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**
- N/UN137, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**
- N/UN139, Karpathos Lctr (KRC) replaced by Karpathos VORDME (KPC) CRP. **E LO-14/10C.**
- N1, VAXOR NCRP estbld at N3849.4 E01959.3; OSDES - VAXOR - LATAN, 297°, 52/54NM. **E LO-14/8BD9C.**
- N7, ROTSA NCRP estbld at N3852.5 E02039.2; KEROS - ROTSA - NEMES, 25/115NM; NOSTO to ROTSA, 122°; ROTSA - MEMES, 123°. **E LO-14/8BD9C.**
- N127, Kavala VORDME (KPL) chgd to CRP. **E LO-13/5D, E LO-14/9B, E LO-15/4D.**
- N128, Fiska VORDME (FSK) chgd to CRP. **E LO-13/5C, E LO-14/9A.**
- P169, Athens VORDME (ATV) to Chania VORDME (SUD), MEA FL100. **E LO-14/9D.**
- V652, Skopelos VORDME (SKP) - PEREN, cruising levels chgd to NON-standard, EVEN levels N-bound. **E LO-14/9B.**
- W58, Skopelos VORDME (SKP) to KOROS, MEA FL100. **E LO-14/9B.**
- ALEX VORDME (ALX) name chgd to Alexandroupolis. **E LO-14/9B, E LO-15/4D.**
- SOU DA VORDME (SUD) name chgd to Chania. **E LO-14/9D.**

## ITALY

## ATS ROUTES changed:

- L12, AKUTO CRP estbld at N4327.8 E01044.2, GINAR - AKUTO - MAREL, 11/12NM. **E LO-13/1D.**
- M730, BEROK (N4409.9 E01021.1) to Florence VORTAC (FRZ), MEA FL120. **E LO-13/1B.**
- M730, Genoa VORDME (GEN) to Torino VORDME (TOP) MEA FL100. **E LO-13/1A.**
- M858 Genoa VORDME (GEN) to UNITA MEA FL100. **E LO-13/1A.**

- M859 Genoa VORDME (GEN) - LAGEN MEA FL100. **E LO-13/1A.**
- M872 estbld; Florence VORTAC (FRZ) to LIKNO, for route details see M730. **E LO-13/1B2A.**

- Florence VORTAC replaced by LOMED CRP at same position. **E LO-13/1B.**
- LI(P)-169, upper limit 1500'. **E LO-13/1CD.**

## KOSOVO

- PRISTINA CTA, lower limit 3500'. **E LO-13/4CD.**

## NETHERLANDS

## ATS ROUTES changed:

- 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. **E LO-10/6D.**

## POLAND

## ATS ROUTES changed:

- L856, EKROL (N5044.8 E02121.7) - BABKO, MEA FL120. **E LO-15/1D.**
- L984, NOMIX (N4956.4 E01855.4) to LUXAR, MEA FL120. **E LO-15/1D.**
- L999, SUPAK (N4918.2 E01948.0) to OSBUG, MEA FL130. **E LO-15/1D.**
- N133, GOSAK (N5033.5 E02018.3) - LENOV, MEA FL120. **E LO-15/1D2C.**
- Q34 estbld; SUPAK CRP (N4918.2 E01948.0) - IVNER CRP at N5107.1 E02351.4, 049°, 191NM, MEA FL150, upper limit FL660, one-way NE-bound, CDR1. **E LO-15/1D.**
- Q35 estbld; TOLPA CRP (N5118.2 E02338.8) - BABKO CRP, 233°, 190NM, MEA FL150, upper limit FL660, one-way SW-bound, CDR1. **E LO-15/1D.**
- T282 estbld; POBIG NCRP (N5050.1 E02143.2) - GACDU NCRP, 083°, 13NM, MEA FL110, upper limit FL660, one-way E-bound. **E LO-15/1D.**
- T375, MEBAN (N4927.3 E01938.8) - ROXUG, MEA FL120. **E LO-15/1D.**
- T709, LULIN (N5034.7 E02107.8) - POBIG chgd to two-way, 050°/230°. **E LO-15/1D.**

## 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.**
- B231, ERUNA NCRP estbld at N5411.6 E03605.0; Maloye Skuratovo NDB (GD) - ERUNA - GULMA, 51/5NM. **E LO-9/5D.**

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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.**

GRID MORA (N59 - N60/E030 - E031) should read 2600'. **E LO-9/4AB.**

## SWEDEN

## ATS ROUTES changed:

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

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

## TUNISIA

## ATS ROUTES changed:

G/UG727, Cap Bon VOR (CBN) to Monastir VORDME (MON) chgd to one-way S-bound. **E LO-14/7C.**

M/UM738, TUNEX (N3735.6 E01117.7) to Monastir VORDME (MON) chgd to one-way S-bound. **E LO-14/7C.**

## TURKEY

## ATS ROUTES changed:

T/UT44 extended; MARMA NCRP (N4031.6 E02738.9) - ALEDA CRP at N3951.7 E02750.4 - MINSU CRP at N3905.1 E02803.4, 163°, 41/48NM, MEAs FL130/FL180; MINSU - KULAR, 133°, 41NM, MEA FL240; MARMA to KULAR, one-way SE-bound. **E LO-14/10A.**

## UKRAINE

## ATS ROUTES changed:

M977, DIBED (N4953.3 E02303.5) - SVITA, CDR 1,2. **E LO-11/4D, E LO-15/2C.**

KALYNIV MCTR upper limit 5000'. **E LO-11/4D, E LO-15/2C.**

RIVNE DME (RVN) CH93Y (114.65) cmsnd at N5036.5 E02608.7. **E LO-15/1B.**

## TERMINAL CHARTS

## TERMINAL

**Baia-Mare**, Romania, (Tautii-Magheraus), (10-9) Take-off in VMC only. (11-1) ILS Z or ILS Y Rwy 10 and (16-1) NDB Rwy 10 are suspended.

**Bratislava**, Slovakia, (M.R. Stefanik), Alternate frequency STEFANIK Tower 118.7 MHz added.

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

**Bucharest**, Romania, (Henri Coanda), (21-1, 21-1A, 26-1) IAPs ILS Rwy 08L, Cat II/III ILS Rwy 08L and NDB Rwy 08L suspended (based on SUP 03/17). For temporary IAPs refer to (21-01) LOC Rwy 08L and (26-01) NDB Rwy 08L.

Construction works on Rwy 08L/26R (based on SUP 03/17). Refer to (20-8) and latest NOTAMS.

Construction works on Rwy 08L/26R (based on SUP 04/17). Refer to (20-8) and latest NOTAMS. Eff 07 Dec 17.

**Bydgoszcz**, Poland, (Szwederowo), RWY designations 03/21 and bearings 030°/210° changed to 02/20 and 029°/209°. RWY designations 12/30 and bearings 120°/300° changed to 11/29 and 119°/299°.

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

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

**Gdansk**, Poland, (Lech Walesa), Due to construction works (based on SUP 119/17) TWY A portions with Rwy connections will not be available. The works are intended to be carried out during night hours 2100-0500 (2000-0400) UTC. Refer also to latest NOTAMS.

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

**Katowice**, Poland, (Pyrzowice), Construction works in progress (based on SUP 128/17). For details refer to temp chart 10-8 and latest NOTAMS.

Due to erection of crane circling MDA(H) for Cat A raised to 1490' (483') for all procedures.

RNAV (GNSS) Rwy 27 (12-2) straight-in minimums changed as follows:

LPV DA(H) - Cat A 1324' (321'), RVR 800m, ALS out RVR 1500m; Cat B 1336' (333'), RVR 800m, ALS out RVR 1500m; Cat C 1344' (341'), RVR 900m, ALS out RVR 1600m; Cat D 1355' (352'), RVR 900m, ALS out RVR 1600m;

LNAV/VNAV DA(H) - Cat A 1330' (327'), RVR 800m, ALS out RVR 1500m; Cat B 1340' (337'), RVR 800m, ALS out RVR 1500m; Cat C 1350' (347'), RVR 900m, ALS out RVR 1600m; Cat D 1360' (357'), RVR 900m, ALS out RVR 1600m;

LNAV DA/MDA(H) 1440' (437'), RVR 1300m, ALS out for Cat A&B RVR 1500m, for Cat C&D RVR 2000m.

**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.

Works on airport area (based on SUP 020/17). Stands 4, 7 thru 12 are closed, Taxing routes M, N and R are closed. Refer to temporary chart (10-8) and latest NOTAMS.

**Krakow**, Poland, (Balice), Works on airport area (based on SUP 084/17). Refer to temporary charts (10-8 and 10-8A) and latest NOTAMS.

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**Olsztyn**, Poland, (Mazury), Works on south of Apron 1 and TWY B (based on SUP 121/17)- works may be carried out within the RWY strip at TWY B. Any operations shall be conducted under marshaller guidance only. Refer also to latest NOTAMS.

**Pardubice**, Czechia, ACFT of CAT C and D shall use TWY D, C and W for taxiing from/to RWY.

**Poznan**, Poland, (Lawica), Due to a group of cranes erected (based on SUP 023/17) minimums raised as follows: VOR Rwy 28 (13-2) with D2.7 LAW MDA(H) raised to 780'(492'), RVR 1500m, ALS out: CAT A and B RVR 1500m, CAT C and D CMV 2300m. Circling MDA(H) CAT A and B after VOR Rwy 10 (13-1) and RNAV Rwy 10 (12-1) raised to 840'(532'). Refer also to latest NOTAMS.

Due to construction works (Based on SUP 101/17) Twy N1, B, G and H1 are planned to be excluded from use. Approach lighting system on RWY 28 is planned to be turned off for a period of about one month. Refer the latest NOTAMS.

**Prague**, Czechia, (Ruzyne), Closure of RWY 12/30 and TWYs (based on SUP 31/17). Refer to temp chart 10-8A and latest NOTAMS.

ILS Rwy 24 (11-3), LOC DA/MDA(H) raised to 1550'(392'), CAT A, B and C RVR 1100m/VIS 1200m, CAT D RVR 1200m/VIS 1800m, ALS out: CAT A and B 1500m, CAT C and D 1800m.

RNAV (GNSS) Rwy 24 (12-3), LNAV/VNAV DA(H) raised to 1538'(380'), CAT A, B, C and D, 1000m, ALS out: CAT A and B, 1500m, CAT C and D, 1700m.

NDB Rwy 24 (16-2), DA/MDA(H) raised to 1550'(392'), CAT A, B and C RVR 1100m/VIS 1200m, CAT D RVR 1200m/VIS 1800m, ALS out: CAT A and B 1500m, CAT C and D 1800m.

Circling approach CAT A MDA(H) raised to 1680'(446').

NDB Rwy 06 (16-1), DA/MDA(H) raised to 1620'(418'), CAT A 1500m, CAT B RVR 1500m/VIS 1650m, CAT C RVR 1500m/VIS 1800m, CAT D RVR 1500m/VIS 2100m, ALS out: CAT A 1500m, CAT B RVR 1500m/VIS 1650m, CAT C 1900m, CAT D RVR 1900m/VIS 2100m.

Twy M usable for ACFT taxing with MAX wingspan 118' (36m), towing of ACFT with wingspan up to 213' (65m) permitted.

**Satu Mare**, Romania, VOR Rwy 19 (13-2): altitude from KARIL to TISAD raised to FL50 instead of FL40.

**Varna**, Bulgaria, Works on airport area (based on SUP 03/17). Phase 1 eff from 15 Oct 2017 to 29 Nov 2017 est. Phase 2 eff from 29 Nov 2017 est to 01 May 2018 est. Refer to temp chart 10-8 and latest NOTAMS.

**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 129/17). TORA 8593' (2619m).

Obstacle at N52 07.16 E020 53.30 replaced by Danger Area SEKOCIN NOWY at N52 07.16 E020 53.30, Area altitude 1800', Area radius 230' (70m)

**Warszawa**, Poland, (Modlin), Based on SUP 77/17 Closure of TWY A1, TWY B and TWY A2 (from TWY C to Apron 1). Refer the latest NOTAMS.