

DME-UDD

1-10

A01**GENERAL****Operational Hours****ATS Hours / AD OPS Hours:** H24**AD ADMIN Hours:** MON-FRI 0600-1500. SAT, SUN and HOL CLSD**Airport Information****RFF:** CAT 7 (RWY 14L/32R), CAT 9 (RWY 14R/32L)**Fuel:** TS-1**PCN:** RWY 14L/32R: 74/R/C/X/T
RWY 14R/32L: 57/R/A/W/T
RWY 14/32: 94/R/A/W/T**Operation****Reporting of Braking Action**

Different to Russian standard shown in CRAR braking action is reported with measured friction coefficient.

Traffic Note

Cargo ACFT carrying dangerous goods which require exemption from ICAO technical instructions AVBL only by prior coordination with AD OPS.

Preferential RWY

LDG RWY 32L/R.

TKOF RWY 14L/R.

Low Visibility Procedures

LVP in force when RVR below 550m and/or ceiling is below 60m.

ARR

Report RWY vacated to TWR after passing yellow light of TWY CL.

- RWY 14R AVBL for CAT II/III.
- Leave RWY 14R via TWY A7, A8, A9 or A11 and proceed via TWY M.
- After last green light of TWY CL is crossed, further taxiing under follow-me assistance.

During LVP intersection TKOF and TKOF without stopping at the line-up position prohibited.

RWY Restrictions

While RWY 32R in use for TKOF and LDG, vacate RWY via TWY B7 and B5 after recommendation by TWR during final APCH only.

In case unable to vacate RWY on nearest TWY, report to TWR on first contact accordingly.

A380, B747-8 and B747-8(F) LDG/TKOF use RWY 14R/32L only.

GENERAL**TWY Restriction**

Route H1 width 21m / 69ft.

Route 34 width 18m / 59ft.

TWY P4 MAX wingspan 80m / 262ft.

Standard Taxi Routes

When RWY 14R in use: Route H1 shall be used for DEP and Route H2 for ARR.

When RWY 32L in use: Route H2 shall be used for DEP and Route H1 for ARR.

Arrival

In case not differently instructed by ATC, use following TWYs after LDG:

RWY 14R

vacate RWY to the left along:

- rapid exit TWY A7.
- rapid exit TWY A8 or A9, turn left to TWY M and proceed to H2.
- TWY A11, turn left to TWY M proceed to taxi route H2.

RWY 32L

vacate RWY to the right along:

- rapid exit TWY A6, A5 or A4, turn right onto TWY M and proceed taxi route H1.
- TWY A2, turn right to TWY M and proceed taxi route H1.

RWY 32R

vacate RWY to the left along:

- rapid exit TWY B7 (light ACFT) or B5, turn right to TWY T2 towards APN.
- rapid exit TWY B3
- TWY B2

RWY 14L:

vacate RWY to the right along:

- TWY B4, turn right along TWY B5 to TWY T2 towards APN.
- TWY B6, turn right along TWY B7 to TWY T2 towards APN.
- TWY B8, turn right to TWY T2 towards APN.

No stops allowed after vacating the respective RWYs until reaching following locations:

RWY 14R: at the end of TWY A7 or TWY M in front of taxi route H2.

RWY 32L: on TWY M in front of taxi route H1.

RWY 14L: on TWY T2 opposite TWY B5.

RWY 32R:

- at the end of TWY B5, B3, B2.
- after vacated via TWY B7 (light ACFT) on TWY T2 opposite TWY B5.

Departure

Use following TWYs to reach respective RWY:

- RWY 14R: TWY M to A2.
- RWY 14L: Taxi route T2 to TWY B2.
- RWY 32L: TWY M to A11.
- RWY 32R: TWY T2 to B8.

REQ occupation of TWY M while taxiing from APN to RWY HLDG PSN at RWY 14R/32L.

GENERAL

Taxi/Parking

B747 must exercise extreme caution while taxiing in loop area of Route T1.

| Taxiing of wide-body ACFT along TWY P5, P4 shall be carried under inner ENG PWR not above idle.

Taxiing along APN under MNM PWR only.

During taxiing along the APN and into/out of stands do not stop during turns. In case of the ACFT stop at turning the flight crew must request for permission to continue taxiing from APN controller.

A380:

- taxiing into stand 18C shall be carried out along route H2 to route 25, then along route 25 strictly along taxi guide line under outer ENG PWR, at reduced speed.
- taxiing out of stands 18C shall be carried out along route 25, route H2 to start-up points 3, 30.
- taxiing along TWY A5-A8 shall be carried under inner ENG PWR only.

Taxiing under own ENG PWR and towing prohibited for ACFT with wingspan above:

- 80m / 262ft:
 - along route H2 from route 35 to route 25,
 - along route 25, 35, 36, route H1 from route 35 to route 36,
 - along route A3.
- 73.3m / 240ft:
 - along route T1, T2.
 - along route H3 from route T2 to start-up point 7.
- 65m / 213ft:
 - along route H1 from route 25-35; along route H3 behind ACFT parked at start-up point 7
 - along route H3 from stand 74 to stand 142B.
 - along route 26, 27, 29, 30, 31, 32.
 - along route H3 from start-up point 7 to start-up point 3.
- 64.8m / 212.5ft: along route D4.
- 60.93m / 200ft: along route D3.
- 43.9m / 144ft: along route D1 from route H1 to stand for temporary parking 75B.
- 42m / 138ft:
 - along route H3 from start-up point 3 to stand 61B for temporary parking.
 - along route 3 from stand for temporary parking 142B to route 32.
 - along route H4
- 38.05m / 125ft:
 - along route D1 from stand for temporary parking 75B to stand for temporary parking 77B.
 - along route D2.
- 36m / 118ft: along route A10.
- 35.8m / 117ft: along route 34.

Taxiing under own ENG PWR prohibited for ACFT with:

- wingspan above 39m / 128ft along 29.
- along route 30, 31.
- | - from route 31-32 along the joint APN
- along hangar APN.
- along route H.
- along route 3 from route 29 to TWY P4.

Stopping on route T2 between TWY B3 and B4 prohibited.

| Visual Docking Guidance Systems SAFEDOCK AVBL at stands 1-19.

GENERAL

Stands G11A/B, G12A/B, G13A/B, G15A/B, G16A/B, 78, 70A, 68, 66, 64, 41A, 42, 42A, 44, 45, 46, 47, 48, 81, 82, 83, 84, 84R, 85, 85R: ATR-42, ATR-72 ACFT into/out of stands under own ENG PWR with a tail ahead.

Stands G11A/B, G12A/B, G13A/B, G15A/B, G16A/B: Taxiing into stands shall be carried out by towing, out under own ENG PWR.

Stands 18, G1, G14: Taxiing into stands shall be carried out under own ENG PWR, out by towing.

Engine Run-up Areas

Stands 41, 41A, 42 AVBL for ENG test.

Warnings

Birds in vicinity of AD (especially SEP/OCT)

ARRIVAL**Speed**

IAS 250KT \pm 10KT below FL100.

IAS 220KT \pm 10KT after passing NCRP GEKLA, RW NDB, AO NDB, DR NDB, LO NDB to 12NM from RWY extremity.

IAS 160KT \pm 10KT after passing 12NM from RWY extremity with flaps set in intermediate PSN, LDG gear retracted.

Immediately before or over 4.3NM from RWY extremity lower the LDG gear, set flaps in LDG PSN and maintain the final APCH speed.

If unable to comply with above mentioned IAS, immediately inform ATC.

After entering Moscow TMA:

IAS 280KT \pm 10KT or MO.8 (whichever is less) cruising LVL to FL250.

IAS 270KT \pm 10KT below FL250 to FL100.

IAS 250KT \pm 10KT below FL100 to TL.

Communication

COM Failure: See CRAR and in addition;

In all cases the flight crew can use mobile COM:

Flight Control Officer (Moscow TMA Control Center):

- +7 495-956-87-33
- +7 495-436-25-36
- +7 916-043-35-90

Flight Control Officer (Moscow ACC):

- +7 495-956-87-34
- +7 495-436-26-62
- +7 916-043-36-16

maintain listening watch on FREQ of AD LOM for INFO and controller instructions.

ARRIVAL**After entry into Moscow TMA**

Continue flight at last FL, assigned by ATS unit, to the HLDG area over AO NDB along following STAR routes:

- BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- BD NDB - BD 2D - LO NDB - DK NDB - AO NDB;
- CRP NAMIN - NAMIN 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- FK NDB - FK 2D - LO NDB - DK NDB - AO NDB;
- IN NDB - IN 1D - LO NDB - DK NDB - AO NDB;
- IN NDB - IN 2D - DR NDB - AO NDB;
- IN NDB - IN 3D - AO NDB;
- FE NDB - FE 1D - AO NDB;
- CRP TIKBI - TIKBI 2D - AO NDB;
- CRP RELTO - RELTO 2D - AO NDB;
- MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- MF NDB - MF 2D - RW NDB - NCRP GEKLA - WT NDB - DK NDB - AO NDB;

Join left HLDG area, continue to fly in the HLDG area, if necessary for fuel dumping, then descend to FL60 and continue fly along STAR routes:

RWY 32R: AO 32A

RWY 32L: AO 32F

RWY 14R/L: AO 14A

and carry out LDG at Domodedovo AD.

After MISAP COM Failure.

Proceed to AO NDB, climbing to 900m (QFE).

Join left HLDG area, continue to fly in the HLDG area, if necessary for fuel dumping, continue fly along STAR routes:

RWY 32R: AO 32A

RWY 32L: AO 32F

RWY 14R/L: AO 14A

and carry out LDG at Domodedovo AD.

If unable to land at AD proceed to ALTN AD:

- Vnukovo (UUWW): Climb to FL70 along SID via LO NDB (LO 32D, LO 14D, LO 14W, LO 32W), carry out descend and APCH to land at UUWW according to the established PROC for RWY in use.
- Sheremetyevo (UUEE): Climb to FL70 along SID via WT NDB (WT 32D, WT 14E, WT 14W, WT 32W) via NCRP GEKLA - NCRP RUGEL - CRP BESTA, carry out descend and APCH to land at UUEE according to the established PROC for RWY in use.
- located outside Moscow TMA: Chosen when making a decision for DEP, at MNM ENRT LVL or at FL specially established for COM Fail (FL140, FL150 or FL240, FL250) along DEP route climbing to assigned FL.
- to DEST AD: Climb to FL indicated in FPL along DEP route in accordance with instructions of ATS unit.

ARRIVAL**Arrival Procedure**

Simultaneous independent parallel APCHs: Informed by ATIS when procedure in progress.

Visual APCH: VIS APCH shall be requested by pilot or initiated by ATC in coordination with flight crew. In case of loss of VIS contact with RWY or its references, carry out IFR MISAP and inform immediately.

RNAV ARR PROC based on GNSS

REQ permission of ATC controller before passing ITINA, Aksinyio AO NDB, Skurygino DR NDB, Klimovsk LO NDB, BITSA, Kartino WT NDB, Maryino RW NDB.

In case ATC uses phrase "Landing additionally": Expect LDG clearance on short final.

Reverse: Do not use more than idle reverse if possible.

Non-standard GP Intercept Position on RWY 32L

GP intercepts RWY 32L at 332m / 1088ft after landing threshold.

Remaining DIST beyond GP is 3168m / 10395ft.

Warnings

APCH RWY 14L/R: Do not mistake illuminated Highway between RWYs with RWY.

DEPARTURE**Take-off Minima**

RWY		14R	
All ACFT	ft - m/km	0 - 75R	-
RWY		32L	
All ACFT	ft - m/km	0 - 125R	-
RWY		14/32, 14L/32R	
All ACFT	ft - m/km	0 - 400V	-

Communication

After TKOF and climbing to 600m (QFE) / 2510ft (QNH), contact Radar immediately on 127.700.

COM Failure: See CRAR and in addition;

In all cases the flight crew can use mobile COM:

Flight Control Officer (Moscow TMA Control Center):

- +7 495-956-87-33
- +7 495-436-25-36
- +7 916-043-35-90

Flight Control Officer (Moscow ACC):

- +7 495-956-87-34
- +7 495-436-26-62
- +7 916-043-36-16

maintain listening watch on FREQ of AD LOM for INFO and controller instructions.

DEPARTURE**COM Failure after TKOF**

If communication with Radar is not established, climb to 900m (QFE);

After passing SID final point (when DEP via WZ NDB up to D15.6 DMD, via CRP OKREM up to CRP RAMEK, via NCRP RUGEL up to D13.7 DMD).

When a decision to land Domodedovo has been made, proceed to HLDG area over AO NDB along following routes:

- WT NDB - climb to FL70 - SF 1D - SF NDB - turn left - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- WT NDB - climb to FL70 - NOGTI 1D - CRP NOGTI - turn left - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- WT NDB (or D13.7 DMD when departing via NCRP RUGEL) - climb to FL70 - TIMIG 1D - CRP TIMIG - turn left - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- WT NDB - climb to FL70 - NE 1D - NE NDB - turn left - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- WT NDB - climb to FL70 - OBEU 1D - CRP OBEU - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- WT NDB - climb to FL70 - BELAG 1D - CRP BELAG - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- WT NDB - climb to FL70 - BG 1D - BG NDB - turn left - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- D13.7 DMD (when departing via NCRP RUGEL) - climb to FL70 - NCRP RUGEL - TIMIG 1D - CRP TIMIG - turn left - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- D13.7 DMD (when departing via NCRP RUGEL) - climb to FL70 - NCRP RUGEL - NE 1D - NE NDB - turn left - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- D13.7 DMD (when departing via NCRP RUGEL) - climb to FL70 - NCRP RUGEL - OBEU 1D - CRP OBEU - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- D13.7 DMD (when departing via NCRP RUGEL) - climb to FL70 - NCRP RUGEL - BELAG 1D - CRP BELAG - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- D13.7 DMD (when departing via NCRP RUGEL) - climb to FL70 - NCRP RUGEL - BG 1D - BG NDB - turn left - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- LO NDB - climb to FL70 - SUGIR 1D - CRP SUGIR - R11 - FE NDB - AO NDB;
- LO NDB - climb to FL70 - ROLUN 1D - CRP ROLUN - turn left - CRP SUGIR - R11 - FE NDB - AO NDB;
- LO NDB - climb to FL70 - SODRU 1D - CRP SODRU - turn left - CRP SUGIR - R11 - FE NDB - AO NDB;
- LO NDB - climb to FL70 - BG 1D - BG NDB - turn left - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- LO NDB - climb to FL70 - BELAG 1D - CRP BELAG - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- LO NDB - climb to FL70 - OBEU 1D - CRP OBEU - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- LO NDB - climb to FL70 - NE 2D - NE NDB - turn left - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- LO NDB - climb to FL70 - NE 2D - KN NDB - TIMIG 1D - CRP TIMIG - turn left - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP RAMEK - climb to FL70 - SF NDB - turn left - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP OKREM - climb to FL70 - SF 2D - SF NDB - turn left - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;

DEPARTURE

- CRP OKREM - climb to FL70 - SF 2D - RELTO 1D - CRP RELTO - turn left - SF NDB - turn left - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP OKREM - climb to FL70 - TIKBI 1D - turn right - FE NDB - FE 1D - AO NDB;
- DK NDB - climb to FL70 - FV 1D - FE NDB - FE 1D - AO NDB;
- D15.6 DMD (when departing via WZ NDB) - climb to FL70 - WZ NDB - SUGIR 1D - CRP SUGIR - R11 - FE NDB - AO NDB;

Join left HLDG area over AO NDB, if necessary for fuel dumping, then continue along STAR routes:

- RWY 32R: AO 32A,
- RWY 32L: AO 32F
- RWY 14R/L: AO 14A

Execute APCH to land at Domodedovo AD according to the established PROC.

When a decision to proceed to DEST AD has been made, continue climbing to FL (ALT) along DEP route in accordance with FPL.

During climb to FL (ALT)

Continue flight according to established SID maintaining last FL (ALT) assigned till passing NDB (CRP) on Moscow TMA BRDY. After passing NDB (CRP).

When a decision to land at Domodedovo AD, proceed without changing the last FL (ALT) to the HLDG area over AO NDB along following routes:

- CRP TIMIG - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- NE NDB - BD NDB - BD 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP OBELU - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP BELAG - turn left - BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- BG NDB - FK NDB - FK 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP SODRU - turn left - CRP SUGIR - IN NDB - IN 1D - LO NDB - DK NDB - AO NDB;
- CRP ROLUN - turn left - CRP SUGIR - IN NDB - IN 1D - LO NDB - DK NDB - AO NDB;
- CRP ADETI - turn left - CRP SUGIR - IN NDB - IN 1D - LO NDB - DK NDB - AO NDB;
- CRP SUGIR - IN NDB - IN 1D - LO NDB - DK NDB - AO NDB;
- FV NDB - FE NDB - FE 1D - AO NDB;
- CRP TIKBI - turn left - AO NDB;
- CRP RELTO - turn right - AO NDB;
- SF NDB - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;
- CRP NOGTI - MF NDB - MF 1D - NCRP GEKLA - WT NDB - DK NDB - AO NDB;

Join left HLDG area, continue to fly in the HLDG area, if necessary for fuel dumping, then descend to FL60 and continue fly along STAR routes:

- RWY 32R: AO 32A,
- RWY 32L: AO 32F
- RWY 14R/L: AO 14A

Execute APCH to land at Domodedovo AD according to the established PROC.

When a decision to proceed to DEST AD has been made, continue climbing to FL along DEP route in accordance with FPL.

DEPARTURE**Departure Procedure****Start-up**

REQ clearance from DLV 10min before the estimated start-up time and only when ACFT is fully ready, but not earlier than 10min before the planned departure time and report:

- ACFT callsign
- Destination AD
- ACFT type
- Stand number
- RWY for TKOF
- Necessity of de-icing treatment on stands 1-19.

Validity of CLR is 30min from reception.

When instructed change over FREQ to APN to get start-up and taxiing CLR, report:

- Stand number
- ATIS information

During DEP RWY 32R watch TWR FREQ and without calling TWR (except for LVP) proceed to RWY HLDG PSN on TWY B8. Be ready for further instruction.

Stand 57, 58 shall be vacated by towing towards Route H2.

Noise Abatement Procedures

No turn before reaching 400ft (120m).

Use ICAO standard NADP 1.

De-Icing

De-icing shall be carried out:

- At start-up PSNs.
- Stands and points of temporary parking.
- On de-icing areas located in vicinity of RWY 32L extremity (DA2) and RWY 14R extremity (DA1).

After de-icing engine start-up shall be coordinated with APRON and marshaller.

06-SEP-2018
DME-UUDD

Russian Federation **Moscow** Domodedovo

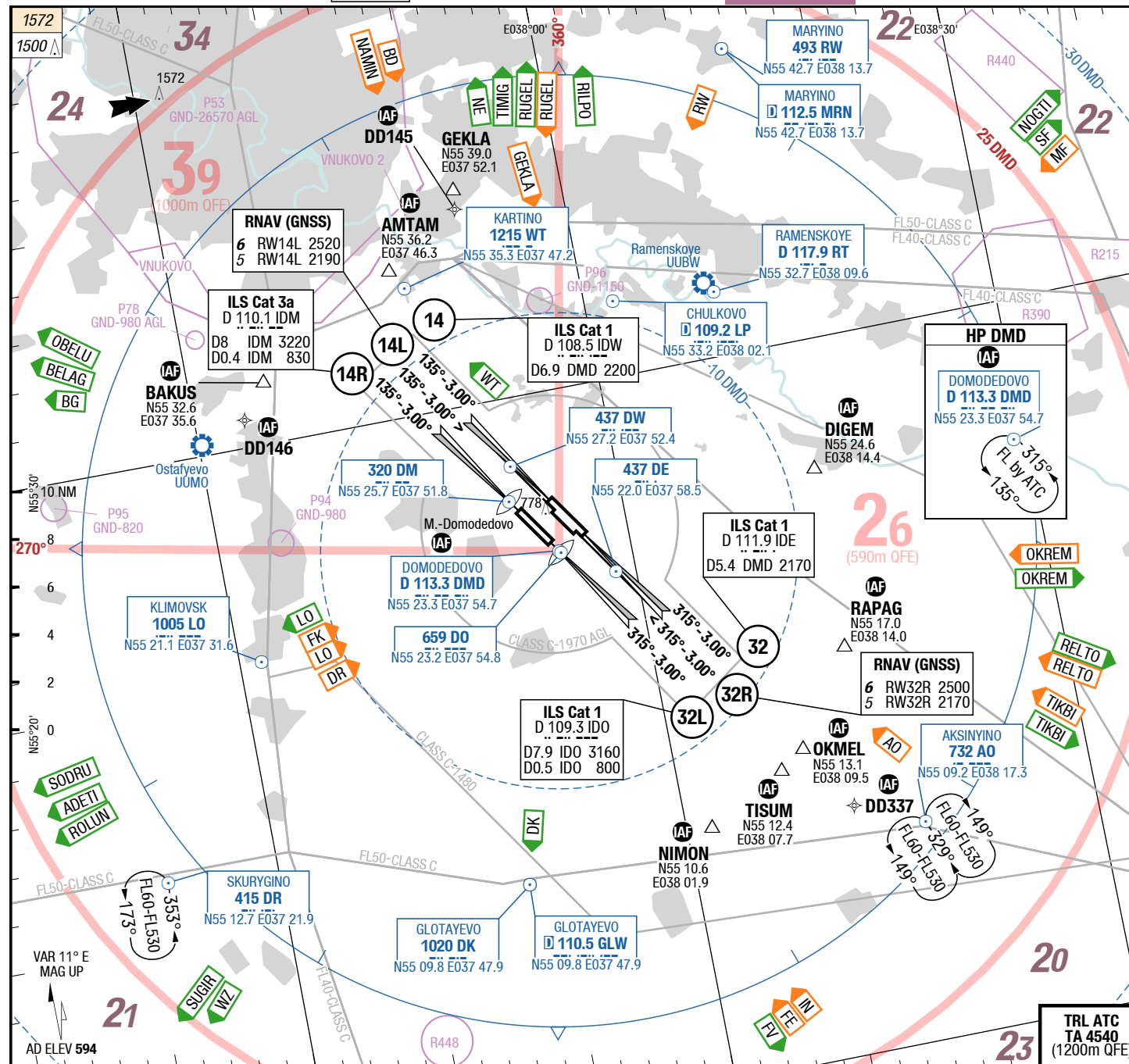
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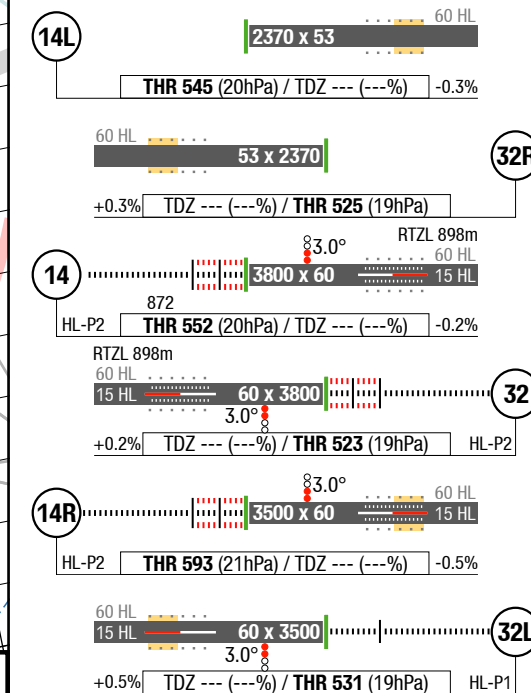
Domodedovo **Moscow** Russian Federation

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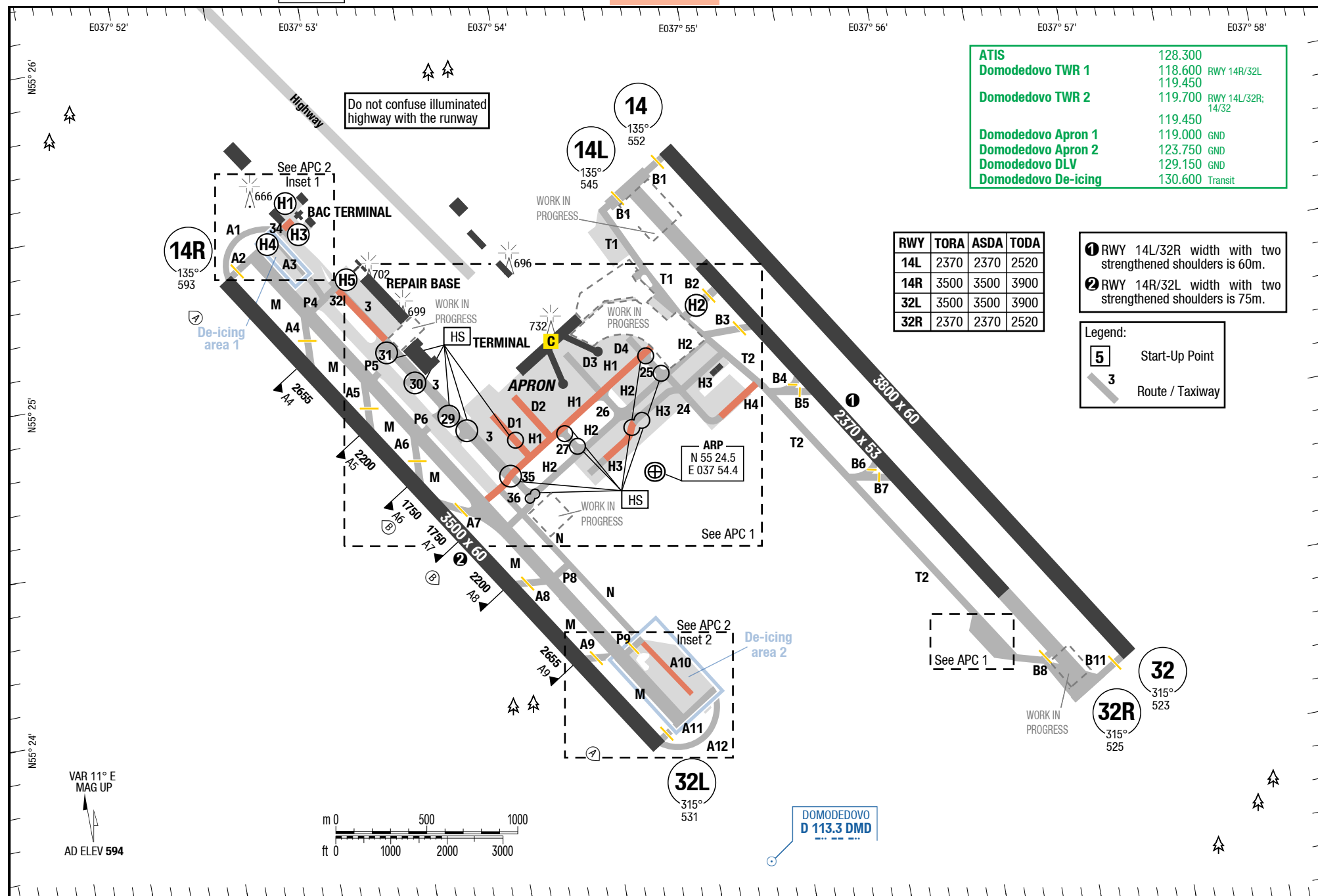
ATIS	128.300
Domodedovo RAD	127.700 above 1480 119.450
APP 1	127.200 BD/BELAG/BG/FK/NAMIN/NE/OBELU/TIMIG, above FL120
APP 2	122.700 BD/BELAG/BG/FK/NAMIN/NE/OBELU/TIMIG, above FL40 or FL50-FL70 (ATC)
APP 3	128.000 ADETI/BD/BG/FK/IN/NE/ROLLIN/SODRU/SUGIR, above FL120
APP 4	123.400 ADETI/BD/BG/FK/IN/NE/ROLLIN/SODRU/SUGIR, above FL40 or FL50-FL70 (ATC)
APP 5	134.000 FE/FV/IN/SUGIR, above FL120
APP 6	125.300 FE/FV/IN/SUGIR, above FL40 or FL50-FL70 (ATC)
APP 7	131.200 BD/BELAG/BG/FK/MF/NAMIN/NE/OBELU/SF/TIMIG, above FL120
APP 8	129.800 BD/BELAG/BG/FK/MF/NAMIN/NE/OBELU/SF/TIMIG, above FL40 or FL50-FL70 (ATC)
APP 9	135.900 BD/BELAG/BG/FK/NAMIN/NE/OBELU/TIMIG, above FL280
Domodedovo TWR 1	118.600 RWY 14R/32L 119.450
Domodedovo TWR 2	119.700 RWY 14L/32R; 14/32 119.450
Domodedovo Apron 1	119.000 GND
Domodedovo Apron 2	123.750 GND
Domodedovo DLV	129.150 GND
Domodedovo De-icing	130.600 Transit
Reserve FREQ	129.000 for all ATC units 124.400 for all ATC units

Landing RWY system:



Changes: Nil

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06-SEP-2018
DME-UUDD

Russian Federation **Moscow** Domodedovo

APC 2, Stand Coordinates

3-30

APC 1

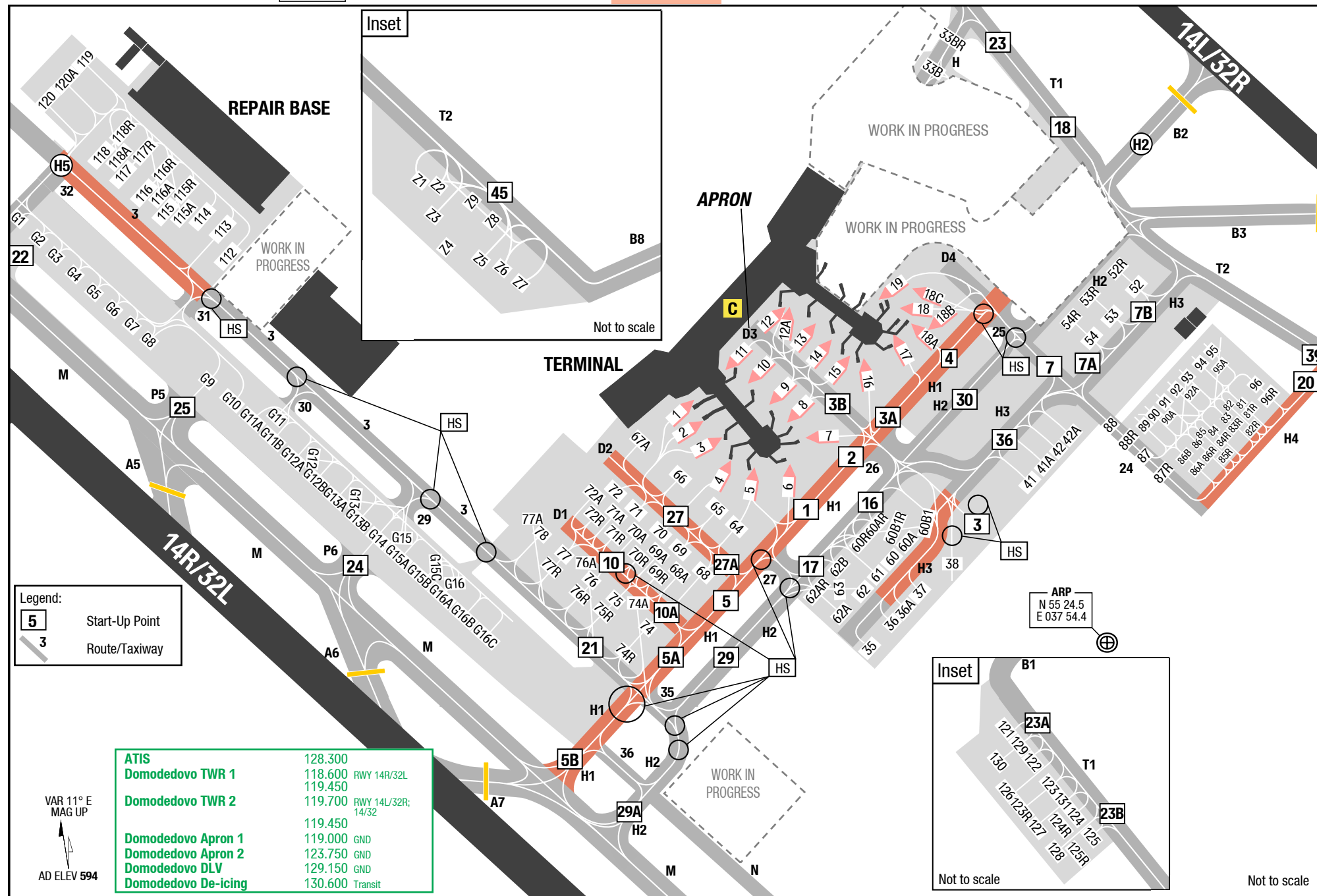
APC

APC

Domodedovo **Moscow** Russian Federation

APC 2, Stand Coordinates

APC 1



Changes: APN

06-SEP-2018
DME-UUDD

Russian Federation **Moscow** Domodedovo

3-40

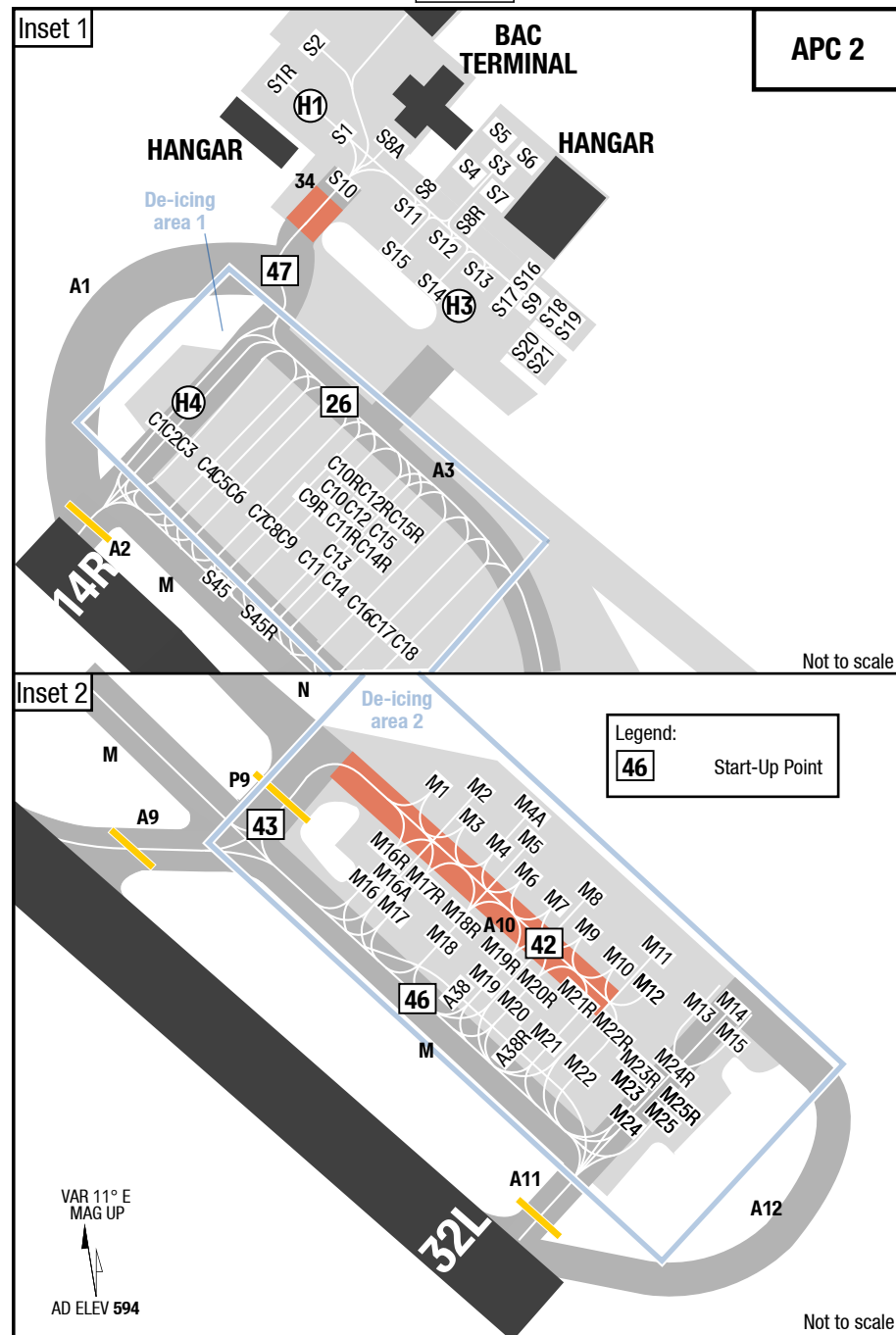
APC 2

APC

APC

Domodedovo **Moscow** Russian Federation

Stand Coordinates



Changes: Nil

Stand Coordinates

1, 2	N55 24.8 E037 53.9	81R	N55 24.6 E037 54.8	G12A	N55 24.8 E037 53.2
3-5	N55 24.7 E037 54.0	82, 83	N55 24.7 E037 54.8	G12B-G13B	N55 24.8 E037 53.3
6-8	N55 24.7 E037 54.1	82R, 85R	N55 24.6 E037 54.8	G14	N55 24.7 E037 53.3
9	N55 24.7 E037 54.0	86A, 86B	N55 24.6 E037 54.7	G15-G15B	N55 24.7 E037 53.4
10-11	N55 24.8 E037 54.0	87	N55 24.6 E037 54.6	G15C-G16A	N55 24.7 E037 53.4
12	N55 24.8 E037 54.1	88	N55 24.7 E037 54.6	G16B	N55 24.6 E037 53.4
12A	N55 24.9 E037 54.1	89	N55 24.6 E037 54.7	G16C	N55 24.6 E037 53.5
13-16	N55 24.8 E037 54.2	90-92A	N55 24.7 E037 54.7	M1	N55 23.5 E037 54.3
17-19	N55 24.8 E037 54.3	93-96	N55 24.7 E037 54.8	M2-M4	N55 24.0 E037 54.3
35	N55 24.5 E037 54.1	96R	N55 24.7 E037 54.9	M5-M7	N55 23.9 E037 54.3
36, 36A	N55 24.5 E037 54.2	112, 113	N55 25.0 E037 53.1	M8-M12	N55 23.9 E037 54.4
37	N55 24.6 E037 54.2	114	N55 25.1 E037 53.2	M13	N55 23.8 E037 54.4
38, 38A	N55 24.6 E037 54.3	115-116A	N55 25.1 E037 53.1	M14, M15	N55 23.8 E037 54.5
41	N55 24.6 E037 54.4	117-118A	N55 25.1 E037 53.0	M16	N55 24.0 E037 54.2
41A	N55 24.6 E037 54.5	119-120A	N55 25.2 E037 53.0	M17, M18	N55 23.9 E037 54.2
42, 42A	N55 24.7 E037 54.5	121	N55 25.3 E037 54.3	M19, M20	N55 23.9 E037 54.3
52	N55 24.8 E037 54.7	122	N55 25.2 E037 54.3	M21, M22	N55 23.8 E037 54.3
53	N55 24.8 E037 54.6	123-125	N55 25.2 E037 54.4	M23-M25	N55 23.8 E037 54.4
54	N55 24.7 E037 54.6	126, 127	N55 25.2 E037 54.3		
60-61	N55 24.6 E037 54.2	128	N55 25.1 E037 54.4		
62	N55 24.6 E037 54.1	129, 130	N55 25.2 E037 54.3		
62A	N55 24.5 E037 54.1	131	N55 25.2 E037 54.4		
62B	N55 24.6 E037 54.1	C1	N55 25.4 E037 52.5		
63	N55 24.6 E037 54.0	C2	N55 25.3 E037 52.5		
64	N55 24.7 E037 54.0	C3, C4	N55 25.3 E037 52.6		
65, 66	N55 24.7 E037 53.9	C5-C8	N55 25.3 E037 52.6		
67A	N55 24.8 E037 53.8	C9, C9R	N55 25.2 E037 52.7		
68	N55 24.6 E037 53.9	C10, C10R	N55 25.3 E037 52.7		
69	N55 24.6 E037 53.8	C11-C18	N55 25.2 E037 52.7		
70-72	N55 24.7 E037 53.8	G2-G4	N55 25.1 E037 52.9		
74	N55 24.6 E037 53.8	G5-G8	N55 25.0 E037 53.0		
74A-76A	N55 24.6 E037 53.7	G9	N55 24.9 E037 53.1		
77	N55 24.7 E037 53.7	G10-G11A	N55 24.9 E037 53.2		
77A, 78	N55 24.7 E037 53.6	G11B	N55 24.8 E037 53.2		
81	N55 24.7 E037 54.8	G12	N55 24.8 E037 53.3		

Changes: Nil

Effective 11-JUN-2018

07-JUN-2018

DME-UUDD

Russian Federation Moscow Domodedovo

SIDs RWY 14R

SID

SID

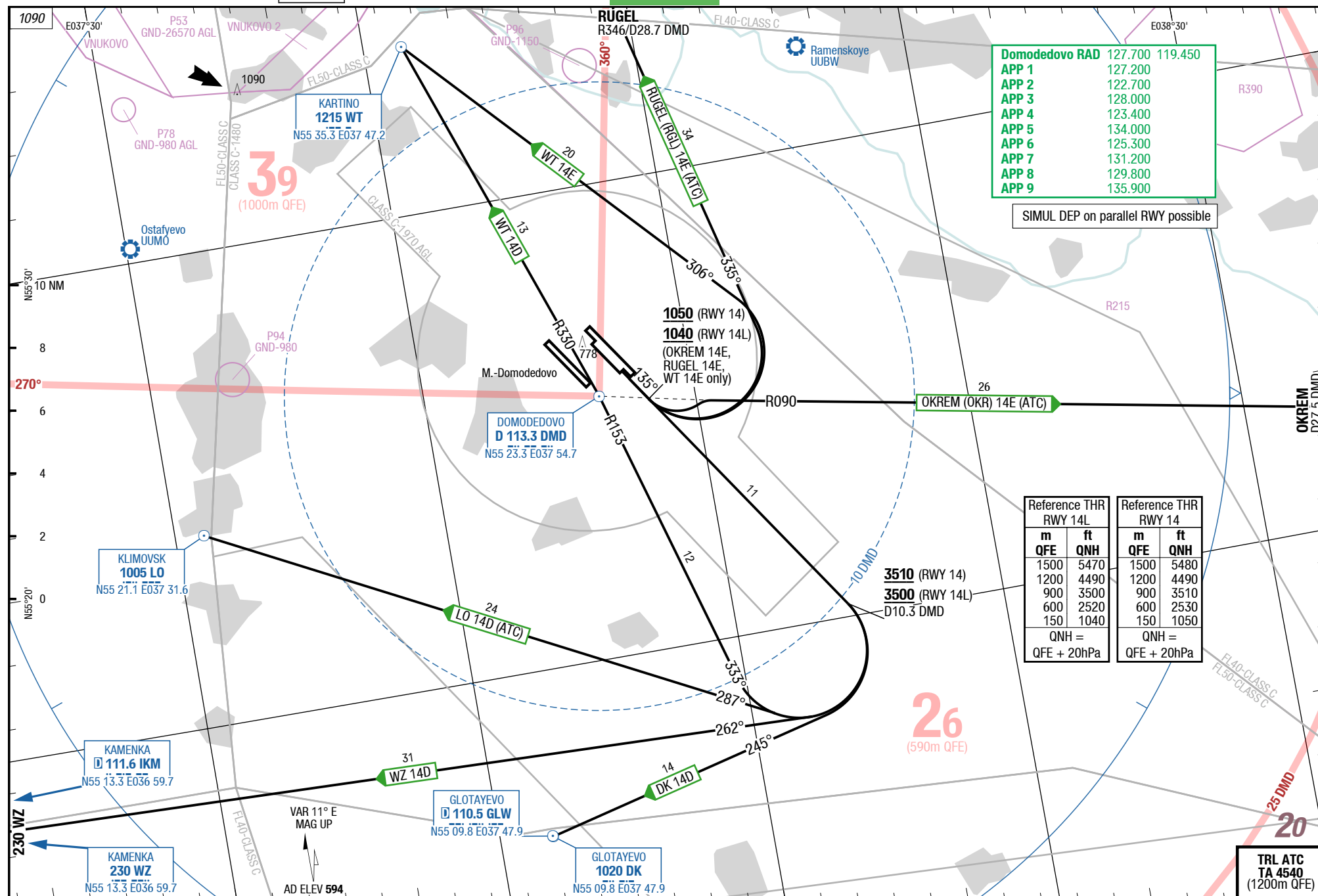
Domodedovo Moscow Russian Federation

SIDs RWY 14R

SIDs RWY 14 / 14L

4-10

SIDs RWY 14 / 14L



Changes: RWY polygon, Conv Table

Effective 11-JUN-2018

07-JUN-2018

DME-UUDD

Russian Federation **Moscow** Domodedovo

SID

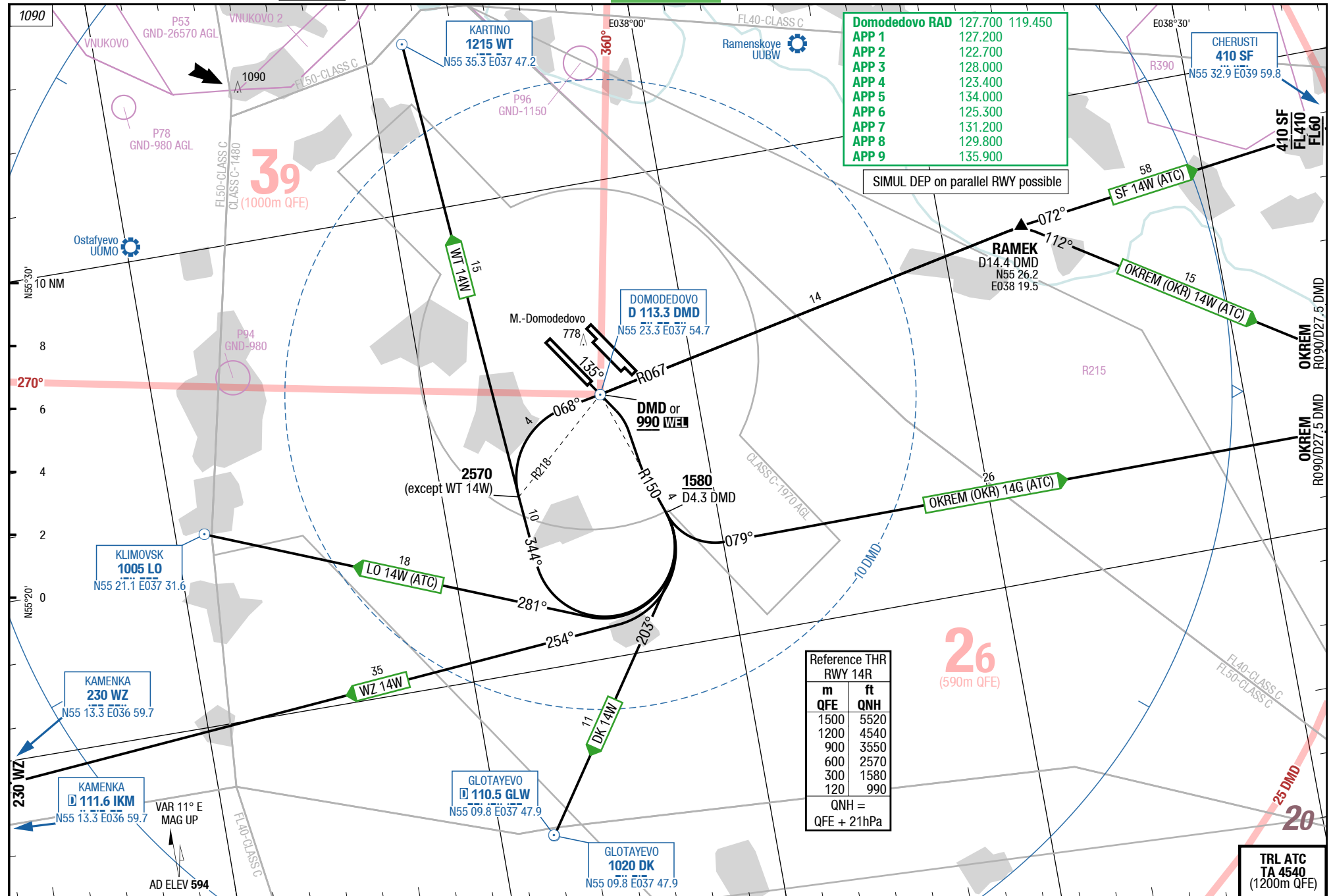
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Domodedovo **Moscow** Russian Federation

4-20

SIDs RWY 14R

SIDs RWY 14R



Changes: RWY polygon, OBST

Effective 11-JUN-2018

07-JUN-2018

DME-UUDD

Russian Federation **Moscow** Domodedovo

SIDs RWY 32 / 32R

SIDs RWY 32L

SID

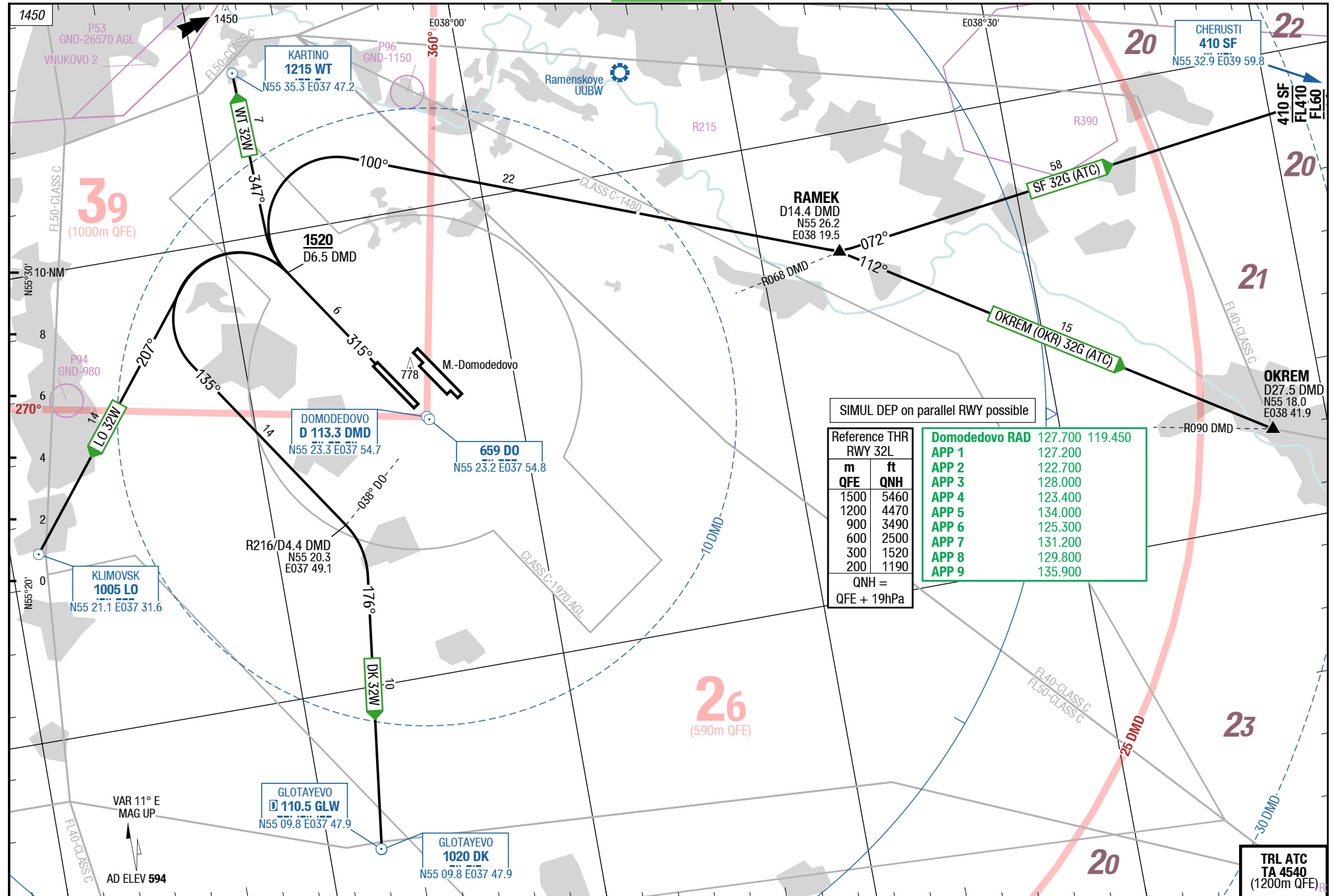
SID

Domodedovo **Moscow** Russian Federation

SIDs RWY 32 / 32R

SIDs RWY 32L

4-30



Changes: RWY polygon, OBST

07-JUN-2018

Russian Federation **Moscow** Domodedovo

SID

SID

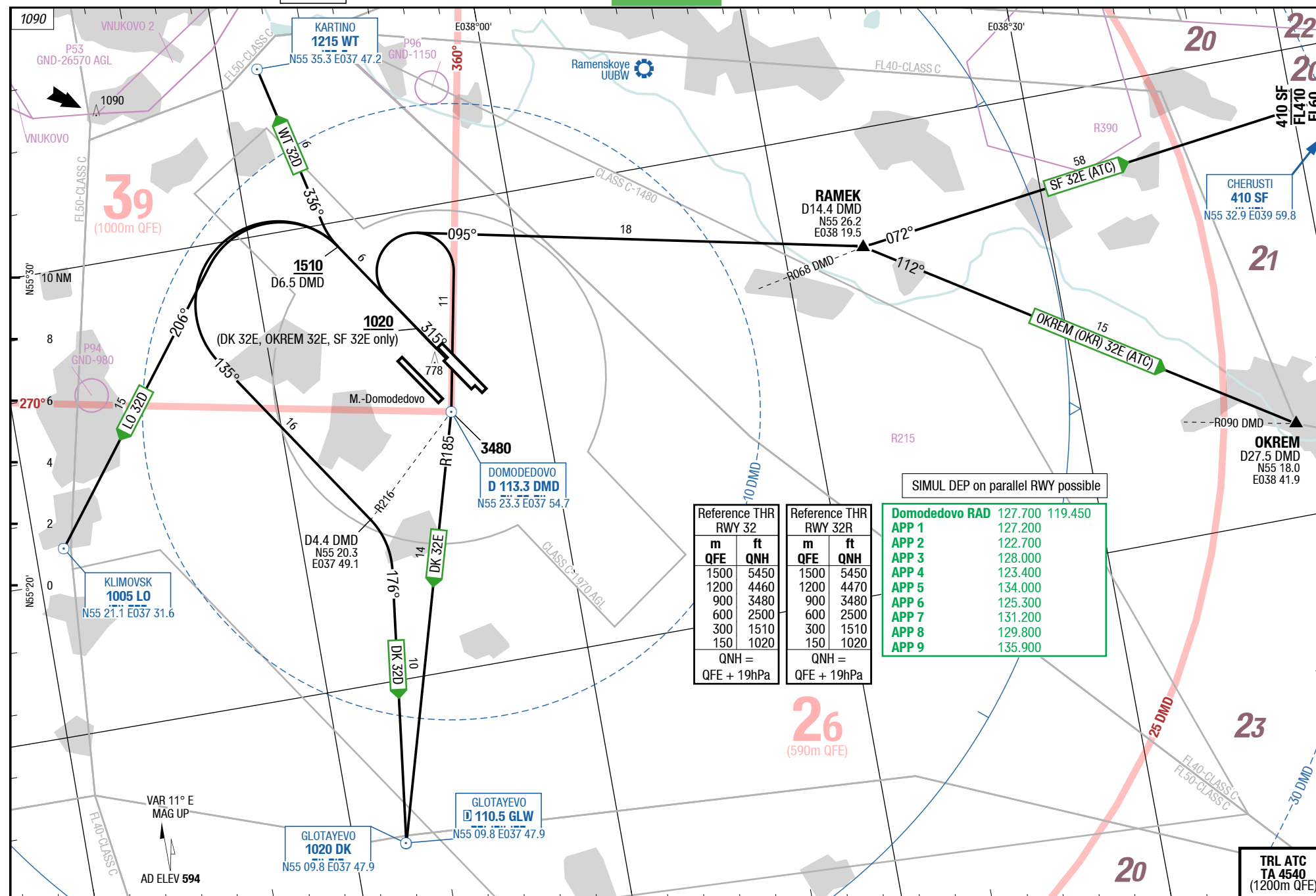
Domodedovo **Moscow** Russian Federation

DME-UUDD

4-40

SIDs RWY 32 / 32R

SIDs RWY 32 / 32R

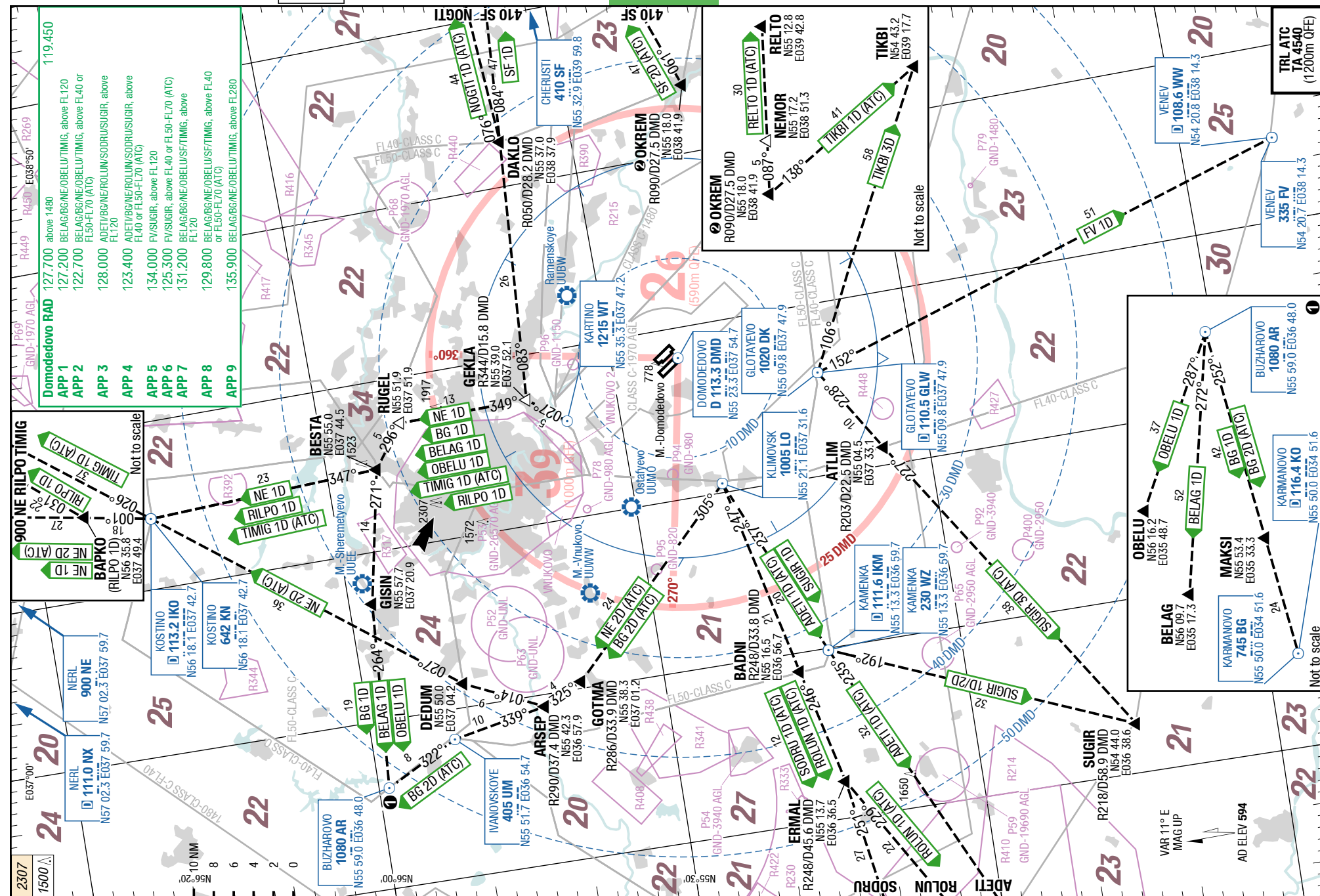


Changes: RWY polygon, ALT, Conv Table

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4-50

SID Transitions



DME-UUDD

5-10

SIDs RWY 14 / 14L**GLOTAYEVO 14D / KAMENKA 14D / KARTINO 14D / KARTINO 14E**

RWYs 14 (135°) / 14L (135°)

At 2520 (RWY 14L) / 2530 (RWY 14), contact Domodedovo RAD on 127.700.

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14/14L	
GLOTAYEVO 14D DK 14D 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at D10.3 DMD RT 245° to DK	D10.3 DMD MNM 3500 (RWY 14L) / 3510 (RWY 14) initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)
KAMENKA 14D WZ 14D 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at D10.3 DMD RT 262° to WZ	D10.3 DMD MNM 3500 (RWY 14L) / 3510 (RWY 14) initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)
KARTINO 14D WT 14D 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at D10.3 DMD RT intercept R153 DMD to DMD - R330 DMD to WT	D10.3 DMD MNM 3500 (RWY 14L) / 3510 (RWY 14) initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)
KARTINO 14E WT 14E 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at MNM 1040 (RWY 14L) / 1050 (RWY 14) LT 306° to WT	initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)

① SIMUL DEP on parallel RWY possible

Changes: ALT, RWY

DME-UUDD

5-20

SIDs RWY 14 / 14L**KLIMOVSK 14D / OKREM 14E / RUGEL 14E**

RWYs 14 (135°) / 14L (135°)

At 2520 (RWY 14L) / 2530 (RWY 14), contact Domodedovo RAD on 127.700.

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14/14L	
KLIMOVSK 14D LO 14D (ATC) 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at D10.3 DMD RT 287° to LO	D10.3 DMD MNM 3500 (RWY 14L) / 3510 (RWY 14) initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)
OKREM 14E OKR 14E (ATC) 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at MNM 1040 (RWY 14L) / 1050 (RWY 14) LT intercept R090 DMD to OKREM	initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)
RUGEL 14E RGL 14E (ATC) 4.0% to 3500 (RWY 14L) 4.0% to 3510 (RWY 14) 127.700 ①	at MNM 1040 (RWY 14L) / 1050 (RWY 14) LT 335° to RUGEL	initial climb 3500 (RWY 14L) initial climb 3510 (RWY 14)

① SIMUL DEP on parallel RWY possible

DME-UUDD

5-30

SIDs RWY 14R**CHERUSTI 14W / GLOTAYEVO 14W / KAMENKA 14W / KARTINO 14W / KLIMOVSK 14W / OKREM 14G**

RWY 14R (135°)

At 2570, contact Domodedovo RAD on 127.700.

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14R	
CHERUSTI 14W SF 14W (ATC) 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD RT 344° - crossing R218 DMD RT 068° to DMD - R067 DMD to RAMEK - RT 072° to SF	D4.3 DMD MNM 1580 R218 DMD at 2570 SF between FL60 and FL410 initial climb 3550
GLOTAYEVO 14W DK 14W 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD RT 203° to DK	D4.3 DMD MNM 1580 initial climb 3550
KAMENKA 14W WZ 14W 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD RT 254° to WZ	D4.3 DMD MNM 1580 initial climb 3550
KARTINO 14W WT 14W 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD RT 344° to WT	D4.3 DMD MNM 1580 initial climb 3550
KLIMOVSK 14W LO 14W (ATC) 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD RT 281° to LO	D4.3 DMD MNM 1580 initial climb 3550
OKREM 14G OKR 14G (ATC) 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD LT 079° to OKREM	D4.3 DMD MNM 1580 initial climb 3550

① SIMUL DEP on parallel RWY possible

DME-UUDD

5-40

SIDs RWY 14R**OKREM 14W**

RWY 14R (135°)

At 2570, contact Domodedovo RAD on 127.700.

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 14R	
OKREM 14W OKR 14W (ATC) 3.5% to 1580 127.700 ①	at DMD or MNM 990 , whichever is later, RT intercept R150 DMD - at D4.3 DMD RT 344° - crossing R218 DMD RT 068° to DMD - R067 DMD to RAMEK - RT 112° to OKREM	D4.3 DMD MNM 1580 R218 DMD at 2570 initial climb 3550

① SIMUL DEP on parallel RWY possible

06-SEP-2018

Russian Federation **Moscow** Domodedovo**DME-UUDD****5-50****SIDs RWY 32L****SIDPT**

CHERUSTI 32G / GLOTAYEVO 32W / KARTINO 32W / KLIMOVSK 32W / OKREM 32G
RWY 32L (315°)

At 2500, contact Domodedovo RAD on 127.700.

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 32L	
CHERUSTI 32G SF 32G (ATC) 4.2% to 1520 127.700 ①	at D6.5 DMD RT 100° to RAMEK - LT 072° to SF	D6.5 DMD MNM 1520 SF between FL60 and FL410 initial climb 3490
GLOTAYEVO 32W DK 32W 4.2% to FL50 127.700 ①	at D6.5 DMD LT 135° - at R216/D4.4 DMD RT 176° to DK	D6.5 DMD MNM 1520 initial climb 3490
KARTINO 32W WT 32W 4.2% to 1520 127.700 ①	at D6.5 DMD RT 347° to WT	D6.5 DMD MNM 1520 initial climb 3490
KLIMOVSK 32W LO 32W 4.2% to 1520 127.700 ①	at D6.5 DMD LT 207° to LO	D6.5 DMD MNM 1520 initial climb 3490
OKREM 32G OKR 32G (ATC) 4.2% to 1520 127.700 ①	at D6.5 DMD RT 100° to RAMEK - RT 112° to OKREM	D6.5 DMD MNM 1520 initial climb 3490

① SIMUL DEP on parallel RWY possible

Changes: Nil

06-SEP-2018

DME-UUDD**5-60****SIDs RWY 32 / 32R****CHERUSTI 32E / GLOTAYEVO 32D / GLOTAYEVO 32E / KARTINO 32D / KLIMOVSK 32D / OKREM 32E**

RWYs 32R (315°) / 32 (315°)

At 2500, contact Domodedovo RAD on 127.700.

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100

DESIGNATOR	ROUTING	ALTITUDES
	Runway 32/32R	
CHERUSTI 32E SF 32E (ATC) 127.700 ①	at MNM 1020 RT 095° to RAMEK - LT 072° to SF	SF between FL60 and FL410 initial climb 3480
GLOTAYEVO 32D DK 32D 4.0% to FL50 127.700 ①	at D6.5 DMD LT 135° - at R216/D4.4 DMD RT 176° to DK	D6.5 DMD MNM 1510 initial climb 3480
GLOTAYEVO 32E DK 32E 127.700 ①	at MNM 1020 RT to DMD - R185 DMD to DK	DMD at 3480 initial climb 3480
KARTINO 32D WT 32D 4.0% to 1510 127.700 ①	at D6.5 DMD RT 336° to WT	D6.5 DMD MNM 1510 initial climb 3480
KLIMOVSK 32D LO 32D 4.0% to 1510 127.700 ①	at D6.5 DMD LT 206° to LO	D6.5 DMD MNM 1510 initial climb 3480
OKREM 32E (ATC) 127.700 ①	at MNM 1020 RT 095° to RAMEK - RT 112° to OKREM	 initial climb 3480

① SIMUL DEP on parallel RWY possible

Changes: Editorial

DME-UUDD

5-70

SID Transitions

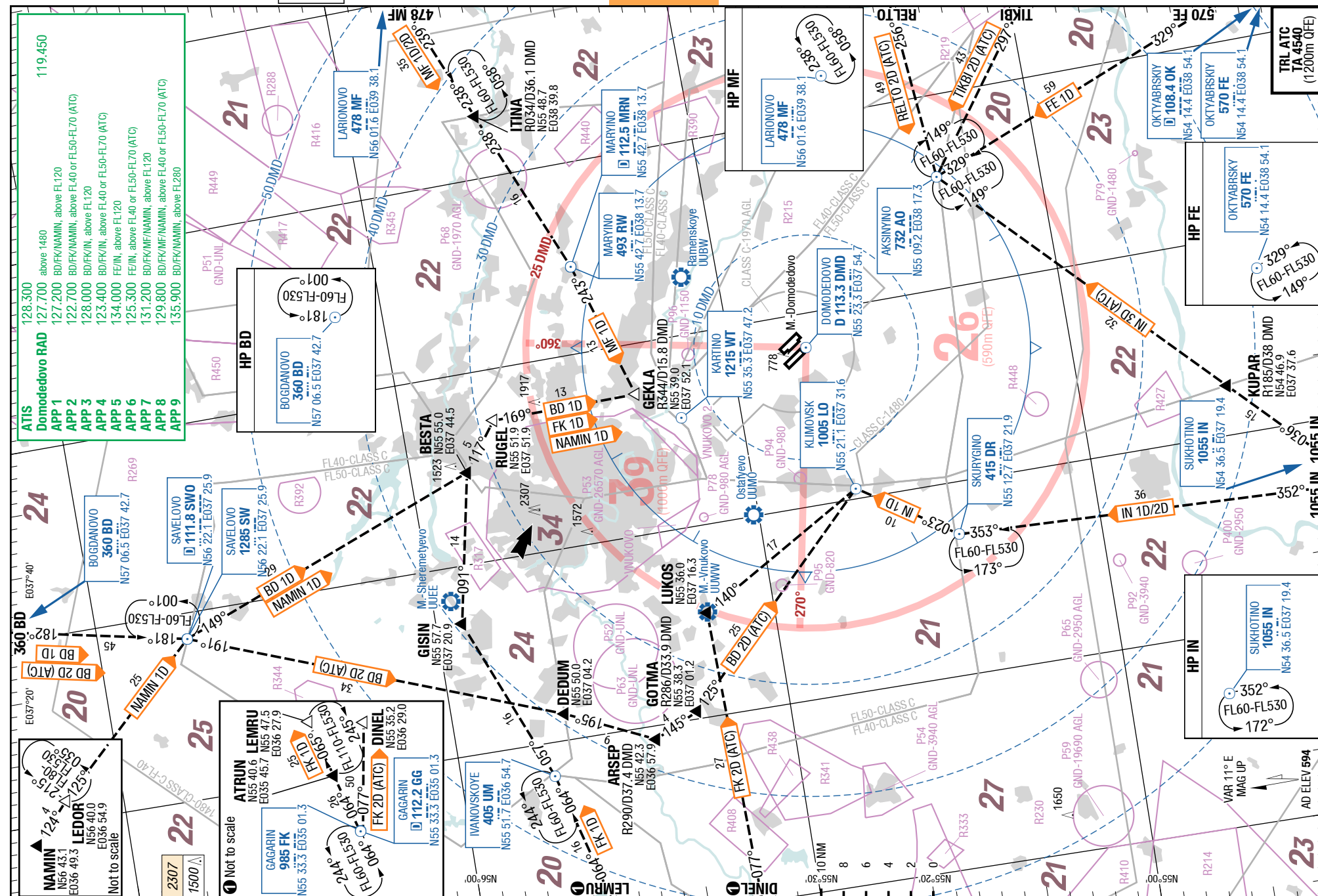
SID Transitions		
DESIGNATOR	ROUTING	ALTITUDES
	All RWYs	
ADETI 1D (ATC) 127.700	LO - 237° to WZ - 235° to ADETI	
BELAG 1D 127.700	WT - 027° to GEKLA - 349° to RUGEL - 296° to BESTA - 271° to GISIN - 264° to AR - 272° to BELAG	
CHERUSTI 1D SF 1D 127.700	WT - 027° to GEKLA - 083° to DAKLO - 084° to SF	
CHERUSTI 2D SF 2D (ATC) 127.700	OKREM - 061° to SF	
KARMANOVO 1D BG 1D 127.700	WT - 027° to GEKLA - 349° to RUGEL - 296° to BESTA - 271° to GISIN - 264° to AR - 252° to MAKSI - BG	
KARMANOVO 2D BG 2D (ATC) 127.700	LO - 305° to GOTMA - 325° to ARSEP - 339° to UM - 322° to AR - 252° to MAKSI - BG	
NERL 1D NE 1D 127.700	WT - 027° to GEKLA - 349° to RUGEL - 296° to BESTA - 347° to KN - 001° to NE	
NERL 2D NE 2D (ATC) 127.700	LO - 305° to GOTMA - 325° to ARSEP - 014° to DEDUM - 027° to KN - 001° to NE	
NOGTI 1D (ATC) 127.700	WT - 027° to GEKLA - 083° to DAKLO - 076° to NOGTI	
OBELU 1D 127.700	WT - 027° to GEKLA - 349° to RUGEL - 296° to BESTA - 271° to GISIN - 264° to AR - 287° to OBELU	
RELTO 1D (ATC) 127.700	OKREM - 087° to NEMOR - RELTO	
RILPO 1D 127.700	WT - 027° to GEKLA - 349° to RUGEL - 296° to BESTA - 347° to KN - 001° to BAPKO - 031° to RILPO	

DME-UDD

5-80

SID Transitions

SID Transitions		
DESIGNATOR	ROUTING	ALTITUDES
	All RWYs	
ROLUN 1D (ATC) 127.700	LO - 247° to BADNI - 246° to ERMAL - 229° to ROLUN	
SODRU 1D (ATC) 127.700	LO - 247° to BADNI - 246° to ERMAL - 251° to SODRU	
SUGIR 1D 127.700	LO - 237° to WZ - 192° to SUGIR	
SUGIR 2D 127.700	WZ - 192° to SUGIR	
SUGIR 3D (ATC) 127.700	DK - 228° to ATLIM - 227° to SUGIR	
TIKBI 1D (ATC) 127.700	OKREM - 138° to TIKBI	
TIKBI 3D 127.700	DK - 106° to TIKBI	
TIMIG 1D (ATC) 127.700	WT - 027° to GEKLA - 349° to RUGEL - 296° to BESTA - 347° to KN - 026° to TIMIG	
VENEV 1D FV 1D 127.700	DK - 152° to FV	



Effective 11-JUN-2018

07-JUN-2018

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Russian Federation **Moscow** Domodedovo

STAR

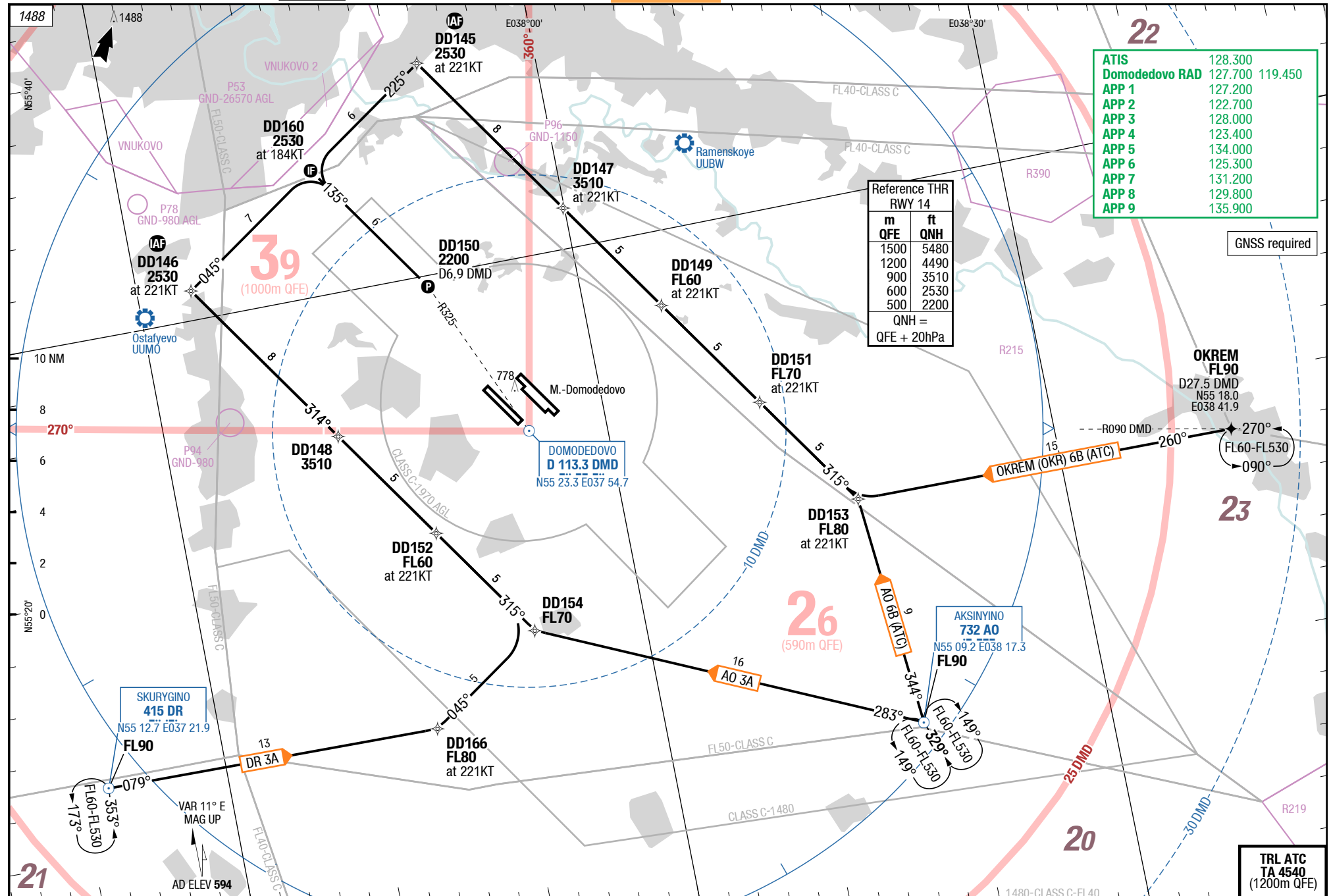
STAR

Domodedovo **Moscow** Russian Federation

6-20

RNAV STARs RWY 14

RNAV STARs RWY 14



Changes: new

07-JUN-2018

Russian Federation **Moscow** Domodedovo

RNAV STARs RWY 32

STAR

STAR

Domodedovo **Moscow** Russian Federation

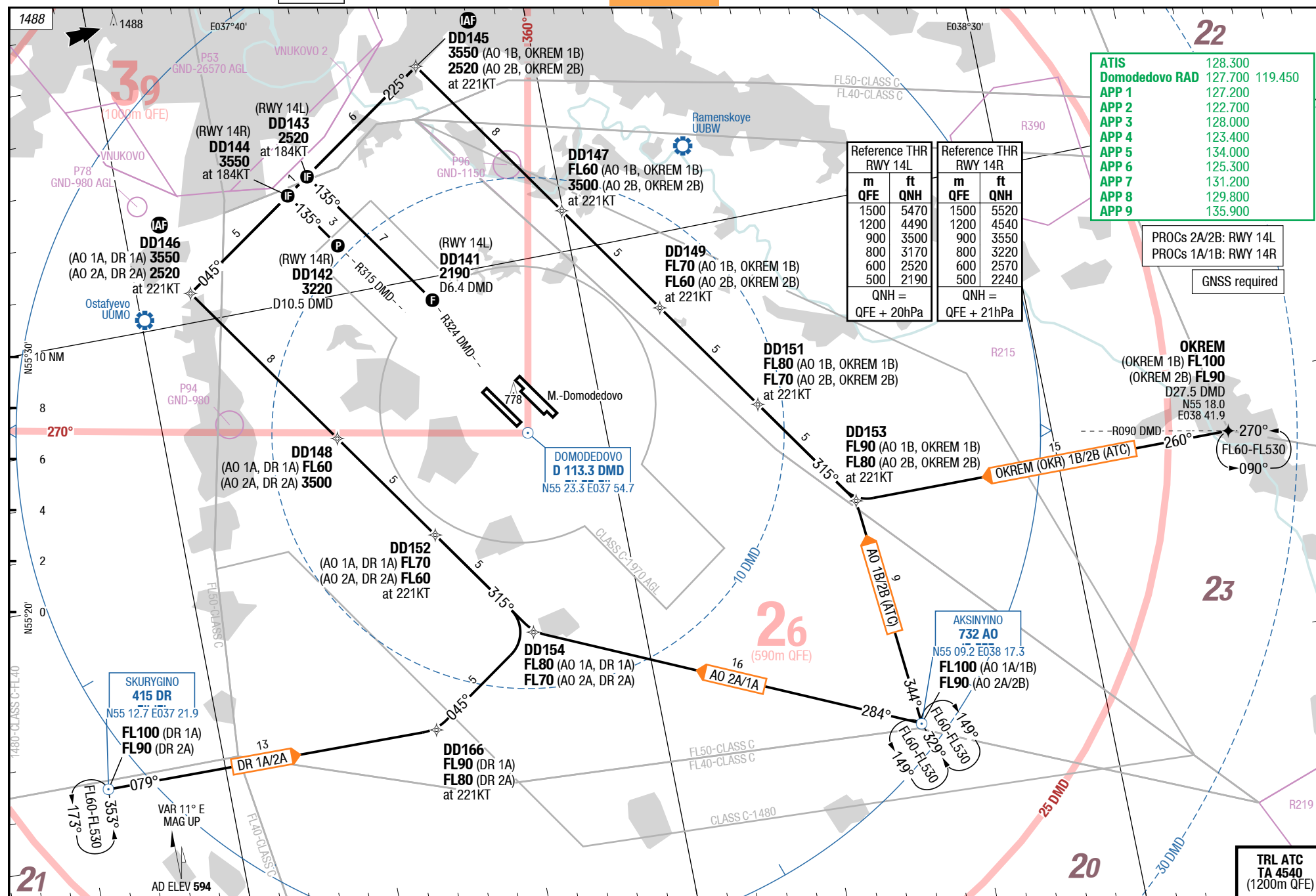
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RNAV STARs RWYs 14L/R

DME-UUDD

6-30

RNAV STARs RWYs 14L/R

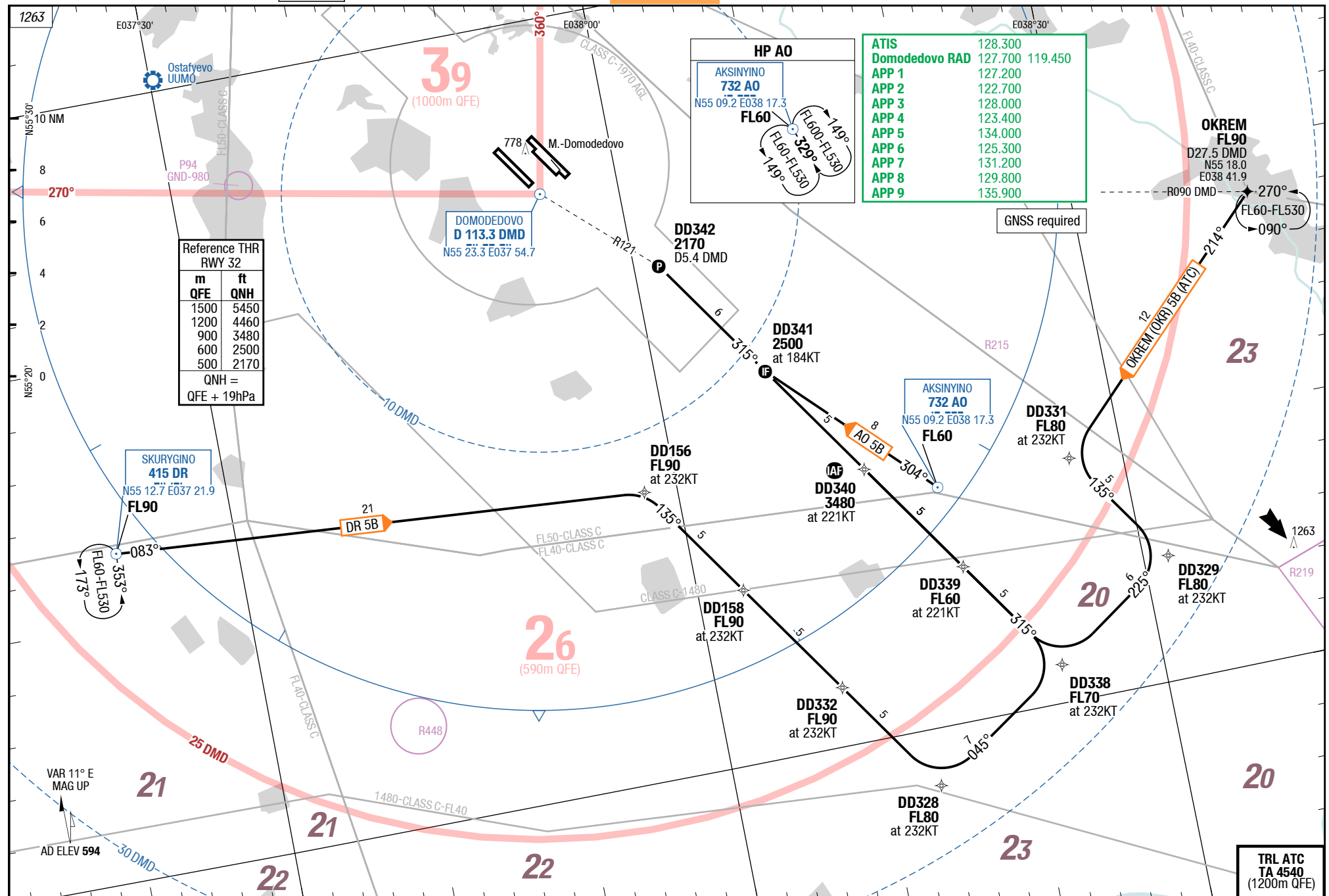


Changes: RWY polygon, OBST, AD Code

6-40

RNAV STARs RWY 32

RNAV STARs RWY 32



07-JUN-2018

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Russian Federation **Moscow** Domodedovo

STARs RWY 14 / 14R (PROCs A/B)

6-50

RNAV STARs RWYs 32L/R

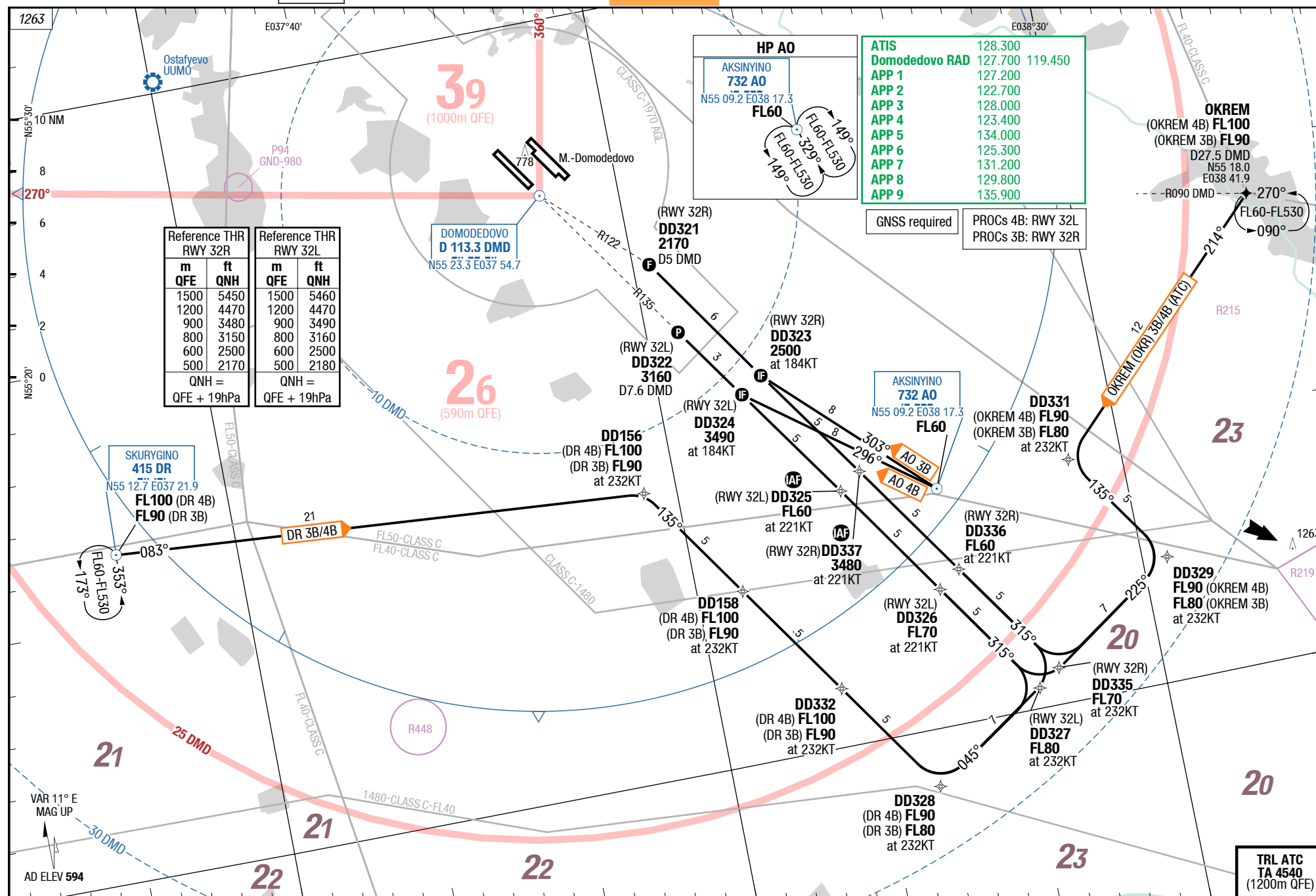
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STAR

Domodedovo **Moscow** Russian Federation

STARs RWY 14 / 14R (PROCs A/B)

RNAV STARs RWYs 32L/R



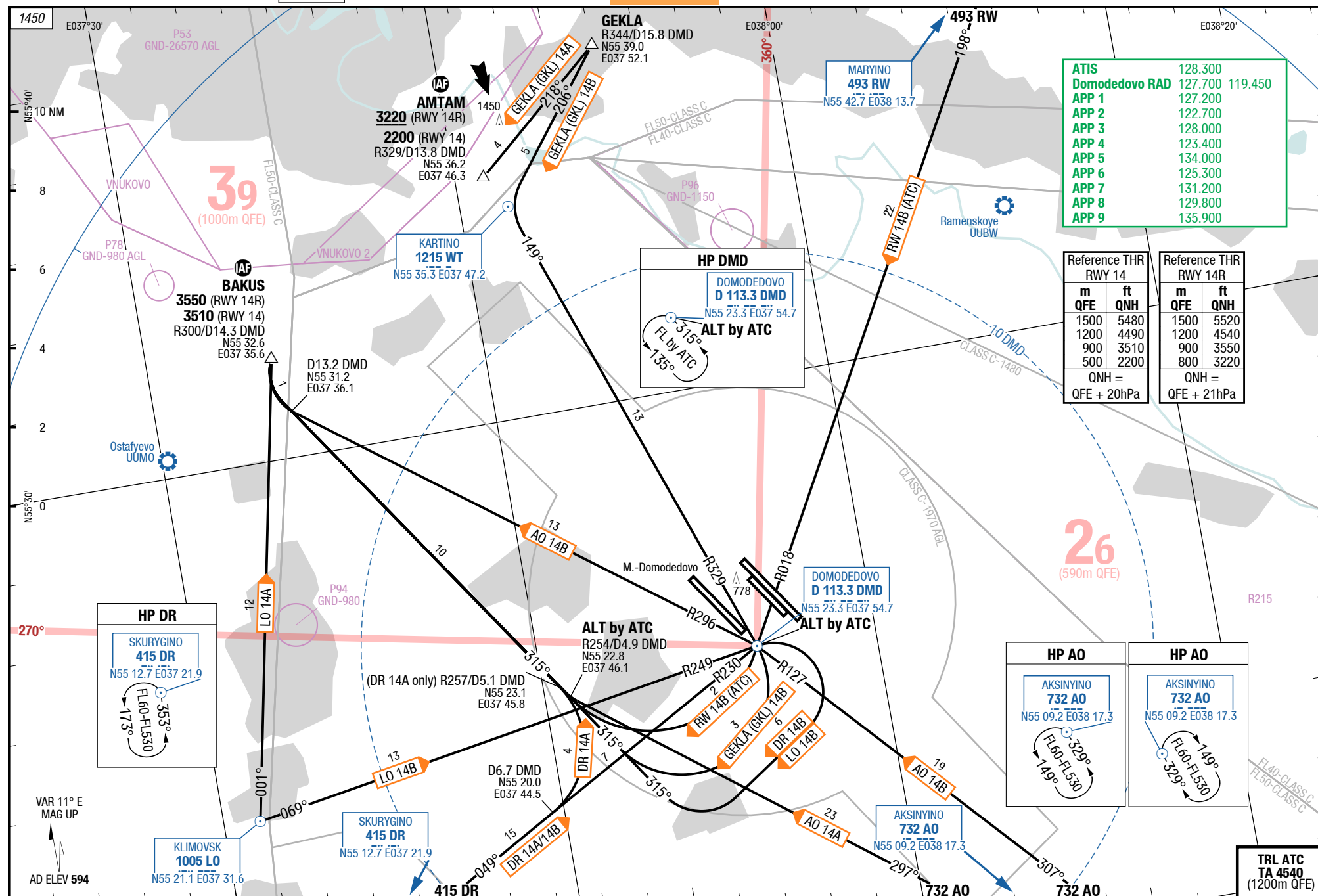
Changes: RWY polygon, OBST

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6-60 STARs RWY 14 / 14R (PROCs A/B)

STARs RWY 14 / 14R (PROCs A/B)



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STARs RWY 32 / 32L (PROCs A/F/K)

6-70

STARs RWY 14 / 14R (PROCs K/M)

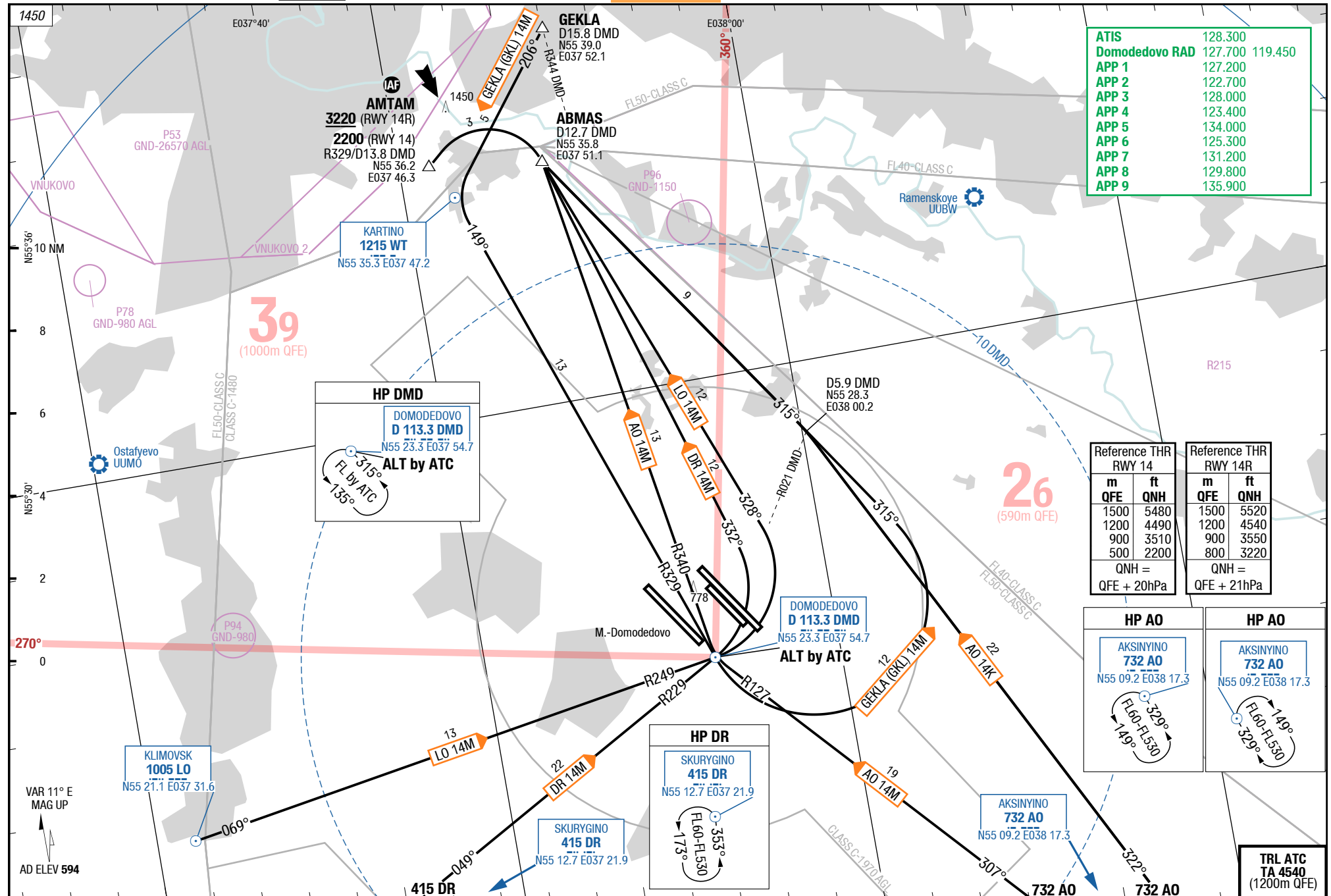
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STAR

Domodedovo **Moscow** Russian Federation

STARs RWY 32 / 32L (PROCs A/F/K)

STARs RWY 14 / 14R (PROCs K/M)



Changes: RWY polygon, ALT, Navaid DW removed, Conv Table

Effective 11-JUN-2018

07-JUN-2018

DME-UUDD

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6-80

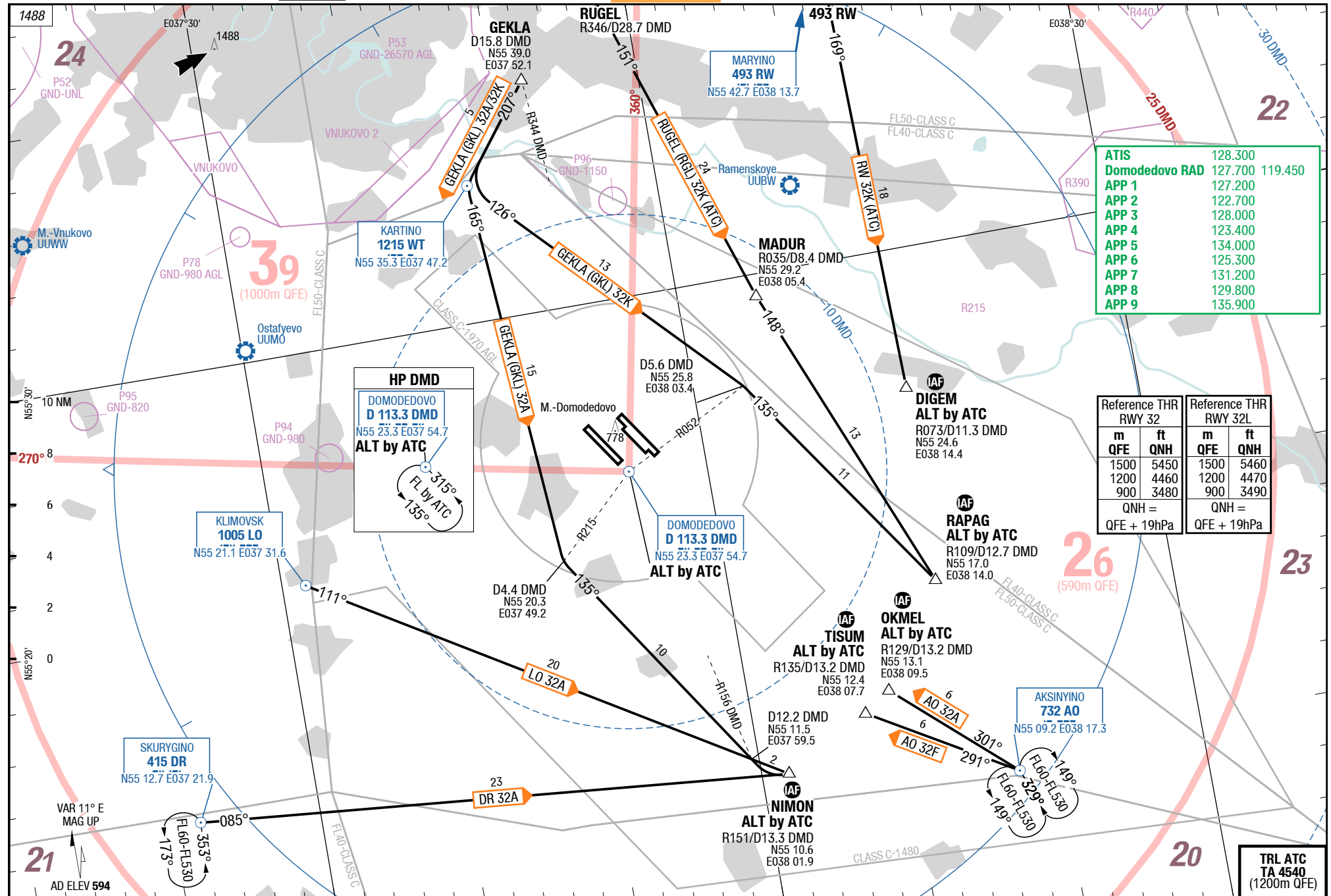
STARs RWY 32 / 32L (PROCs A/F/K)

STAR

STAR

Domodedovo **Moscow** Russian Federation

STARs RWY 32 / 32L (PROCs A/F/K)



Changes: RWY polygon, Navaid DE removed, OBST, Conv Table

Russian Federation **Moscow** Domodedovo

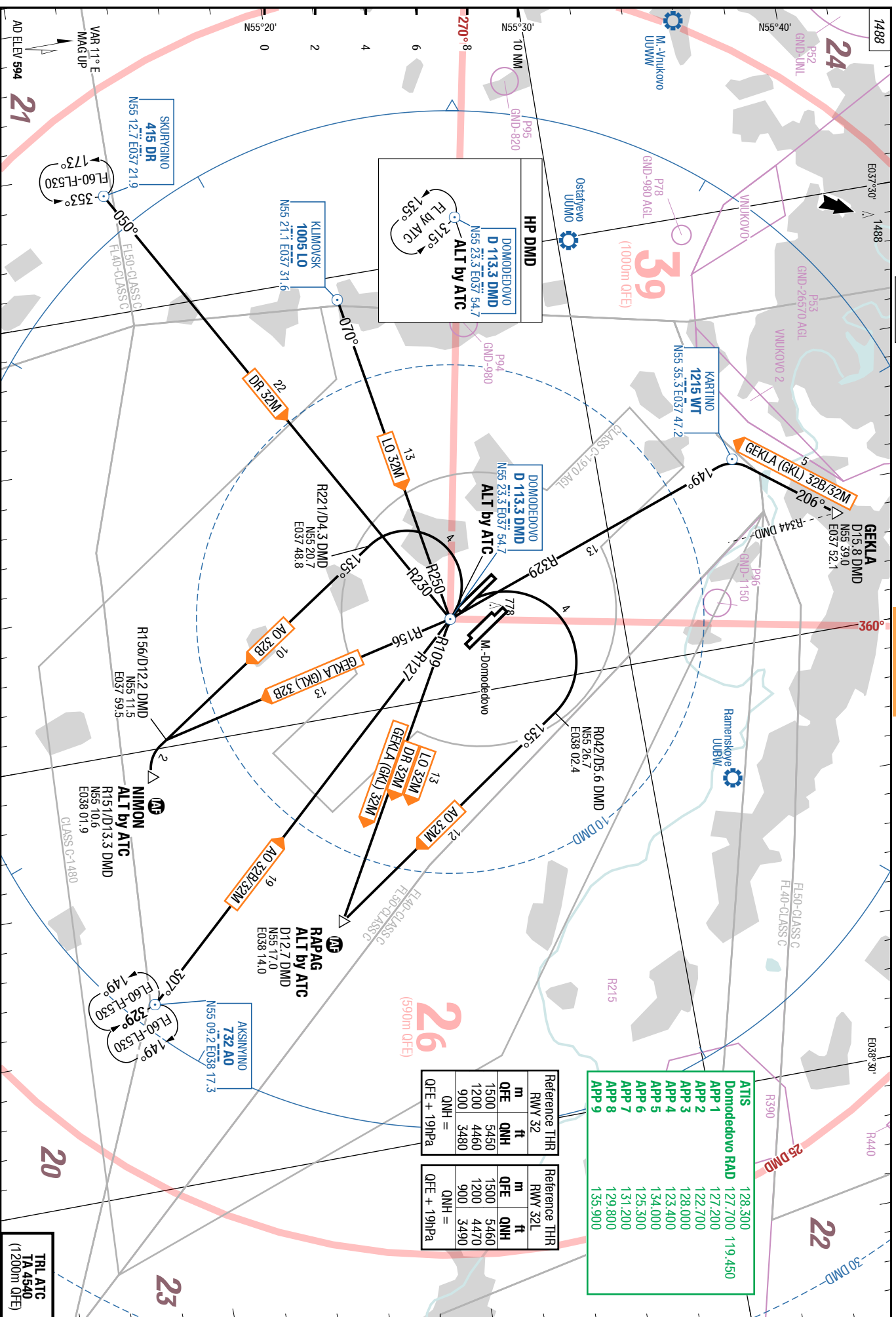
Domodedovo **Moscow** Russian Federation

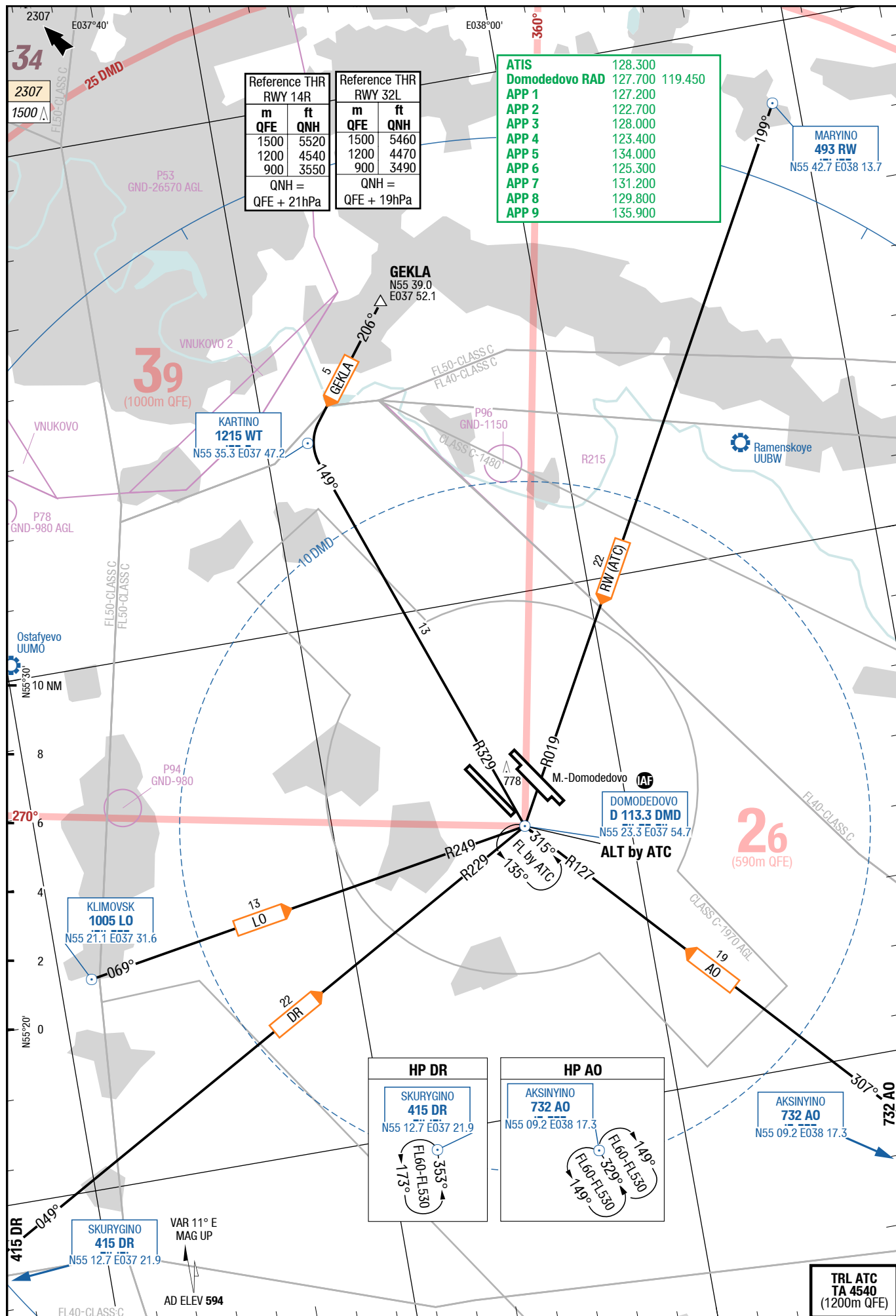
STARS VOR RWYS 14R/32L

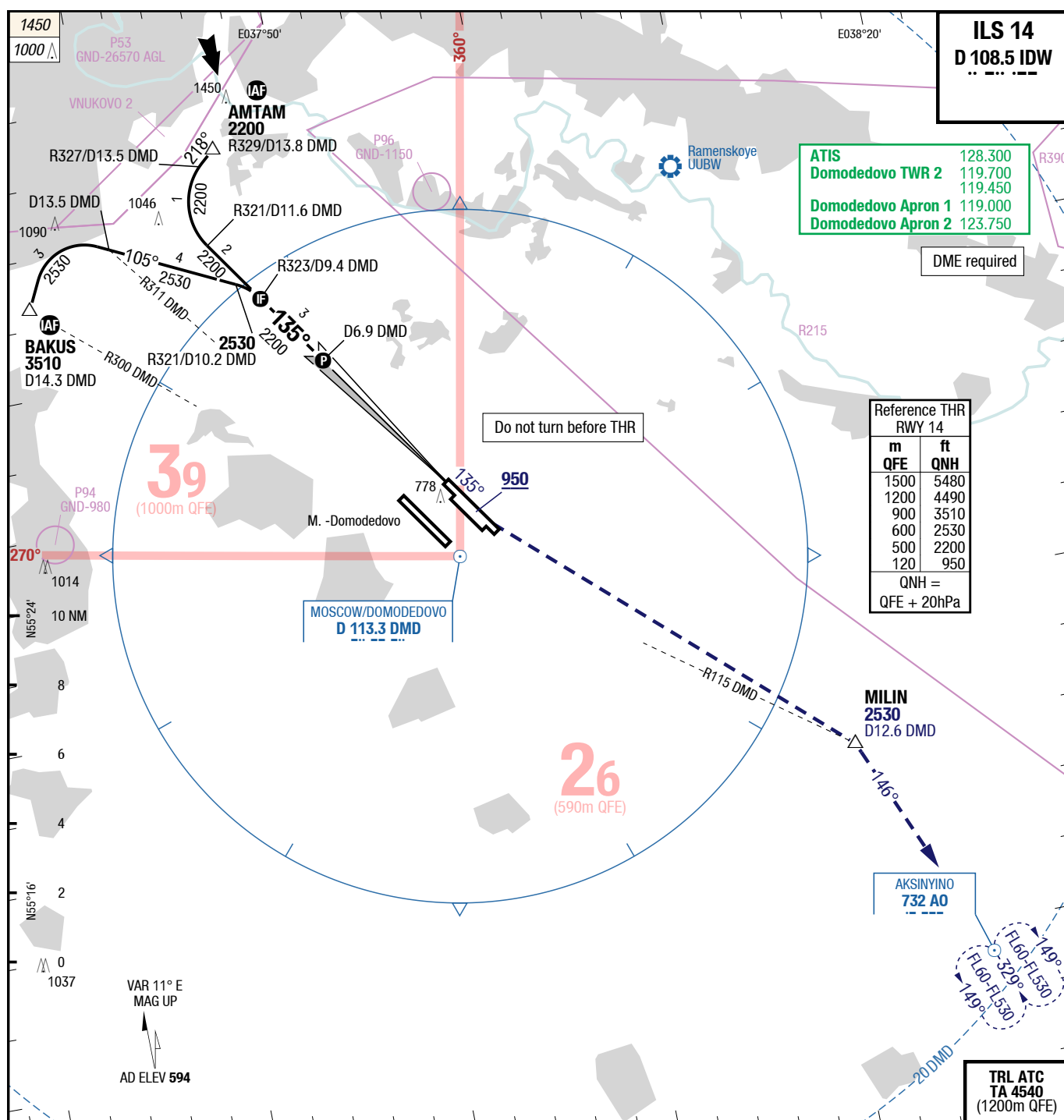
STARS Rwy 32 / 32L (PROCS B/M)

STAR

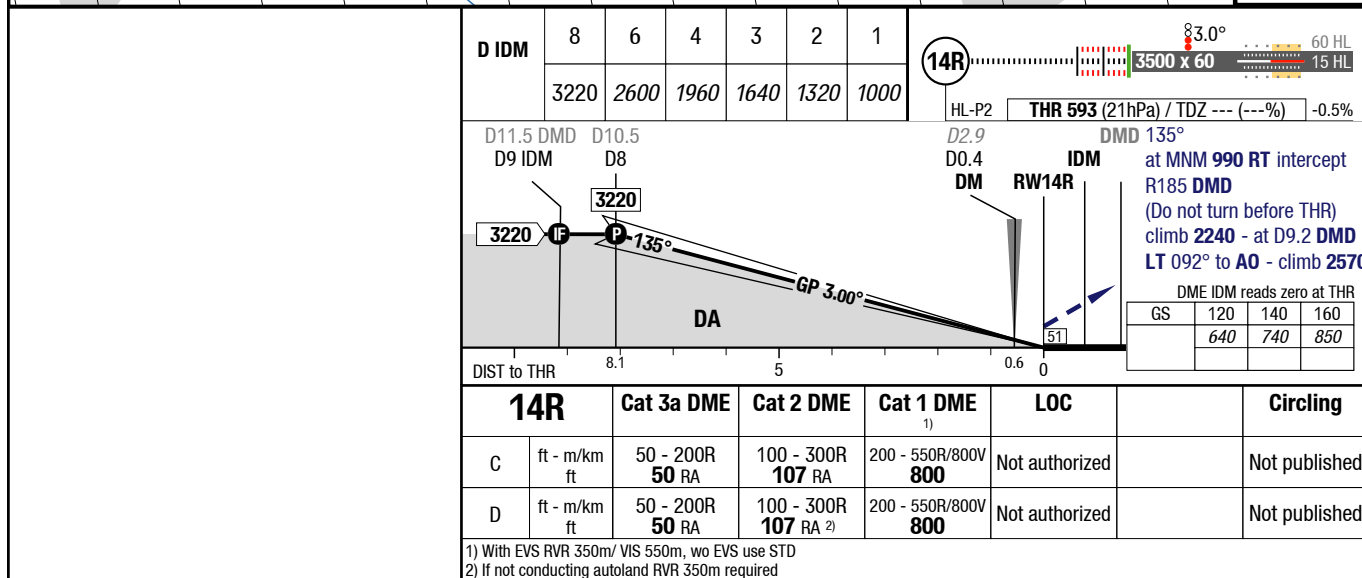
STARS VOR RWYS 14R/32L

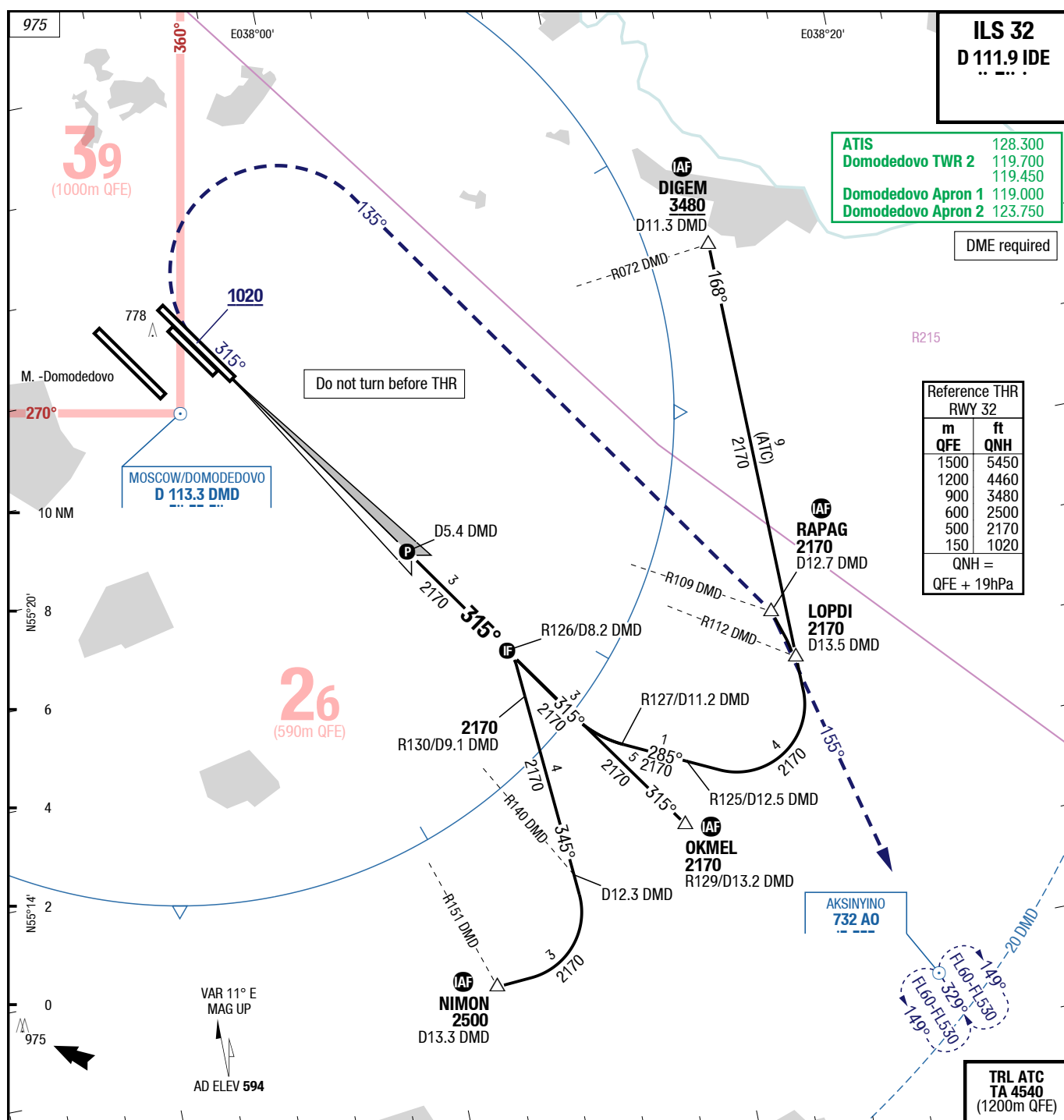






D DMD		6.9	6	5	4	3	<div><div><div>14</div><div>HL-P2</div></div><div><div>872</div><div>THR 552 (20hPa) / TDZ --- (---%)</div></div><div><div>83.0°</div><div>3800 x 60</div></div><div><div>RTZL 898m</div><div>60 HL</div><div>15 HL</div></div></div>								
		2200	1900	1570	1240	900									
D9.4 DMD		D6.9				DMD									
<div><div>135°</div><div>at MNM 950 LT to MILIN</div><div>(Do not turn before THR)</div><div>climb 2530</div><div>RT 146° to A0</div><div>climb 3510</div></div>															
DIST to THR		5				0	<table><tr><td>GS</td><td>120</td><td>140</td><td>160</td></tr><tr><td></td><td>640</td><td>740</td><td>850</td></tr></table>	GS	120	140	160		640	740	850
GS	120	140	160												
	640	740	850												
14	Cat 1 DME DMD	LOC					Circling								
C	ft - m/km ft	200 - 550R/800V 760	Not authorized				Not published								
D	ft - m/km ft	200 - 550R/800V 760	Not authorized				Not published								





RTZL 898m
60 HL

15 HL **60 x 3800**

3.0°

+0.2% TDZ --- (---%) / **THR 523 (19hPa)** HL-P2

32

DMD

RW32

315°
at **MNM 1020 RT 135°**
to **RAPAG (Do not turn before THR)**
climb **2170**
RT 155° to A0
climb **3480**

D5.4

D8.2 DMD

2170

P

GP 3.00°

315°

DA

IF

2170

GS	120	140	160
	640	740	850

0 5

DIST to THR

32	Cat 1 DME DMD	LOC			Circling
C	ft - m/km ft	200 - 550R/800V 730	Not authorized		Not published
D	ft - m/km ft	200 - 550R/800V 730	Not authorized		Not published

DME-UDD

7-40

ILS 32L

IAC
IAC

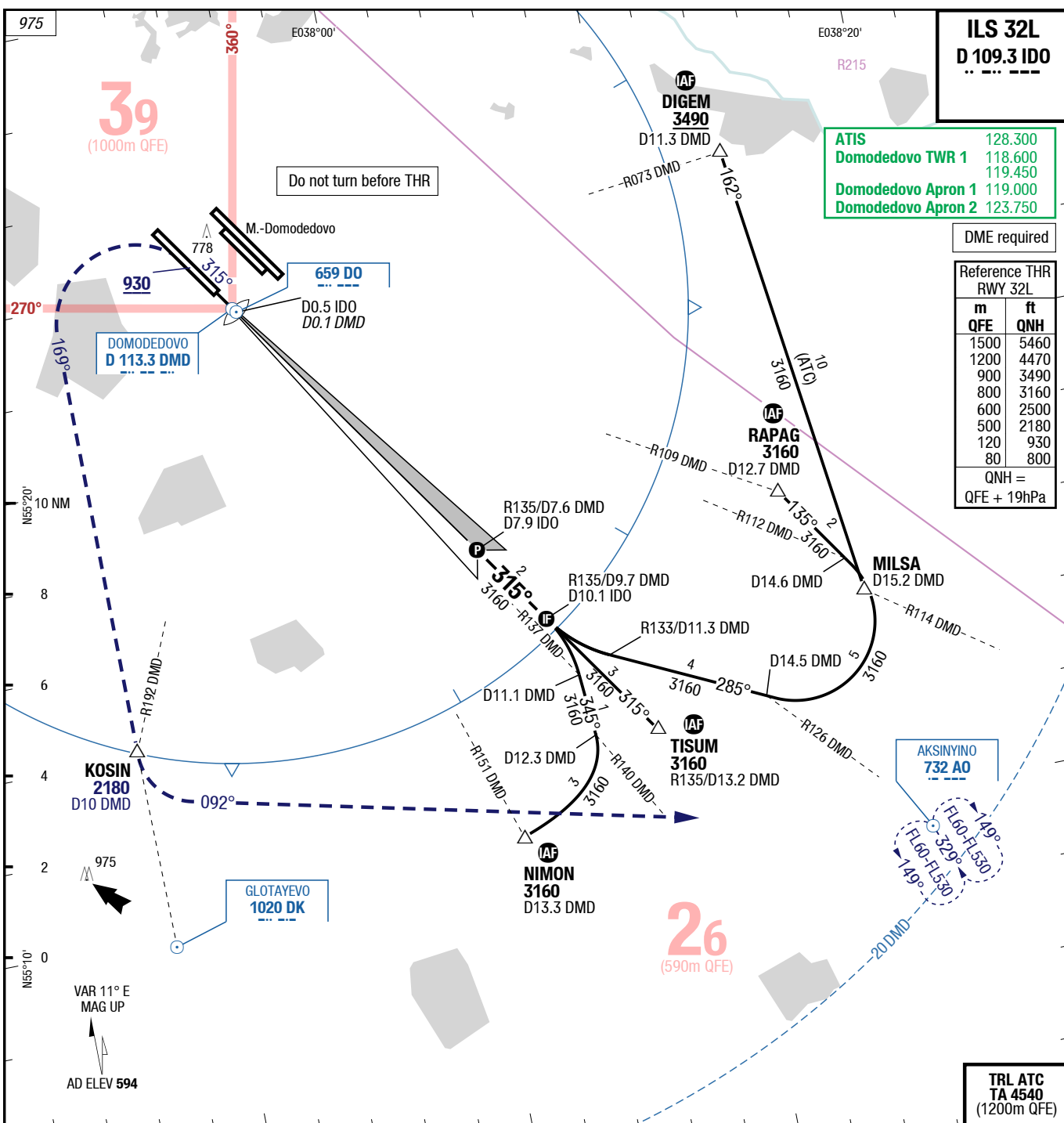
ILS 32L

ILS 32L
D 109.3 IDO

ATIS 128.300
Domodedovo TWR 1 118.600
Domodedovo Apron 1 119.450
Domodedovo Apron 2 123.750

DME required

Reference THR RWY 32L	
m QFE	ft QNH
1500	5460
1200	4470
900	3490
800	3160
600	2500
500	2180
120	930
80	800
QNH = QFE + 19hPa	



60 HL 15 HL		60 x 3500		3.0°		32L		1	2	3	4	6	7.9	D IDO	
+0.5% TDZ --- (---%) / THR 531 (19hPa)		HL-P1						950	1270	1590	1900	2540	3160		
315° at MNM 930 LT intercept		IDO		DMD		D0.1		D0.5		D0		D7.6		D9.7 DMD	
QDM 169 DK		(Do not turn before THR)		climb 2180 - at KOSIN LT 092°		to AO - climb 2500									
DME IDO reads zero at THR															
GS	120	140	160												
	640	740	850												
				0		0.6		5		8.1		10		DIST to THR	
32L		Cat 1 DME		LOC										Circling	
C	ft - m/km	200 - 550R/800V		740		Not authorized								Not published	
D	ft - m/km	200 - 550R/800V		740		Not authorized								Not published	

Effective 11-JUN-2018

07-JUN-2018

DME-UUDD

Russian Federation **Moscow** Domodedovo

GLS 14R, GLS 32

GLS 14

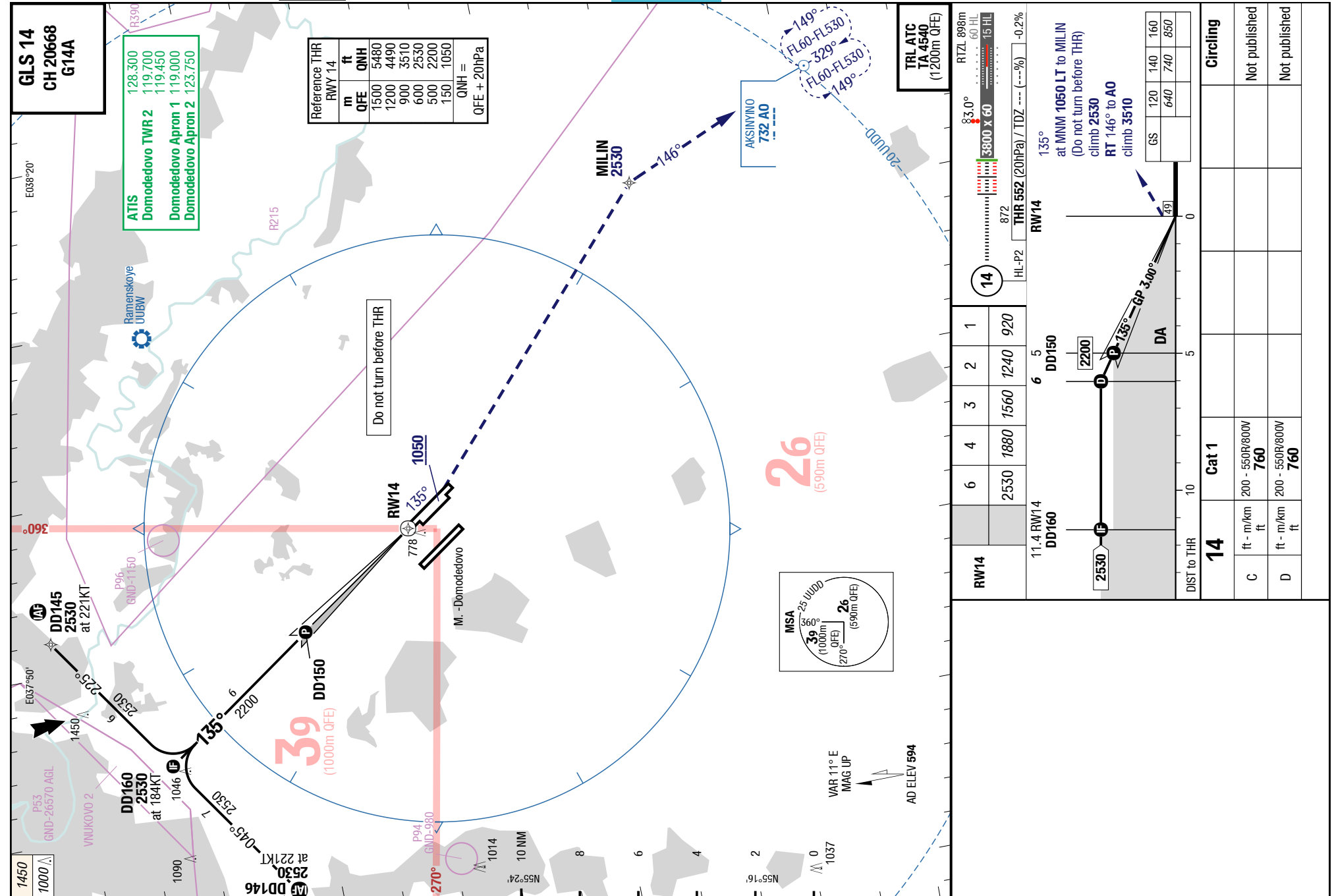
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IAC

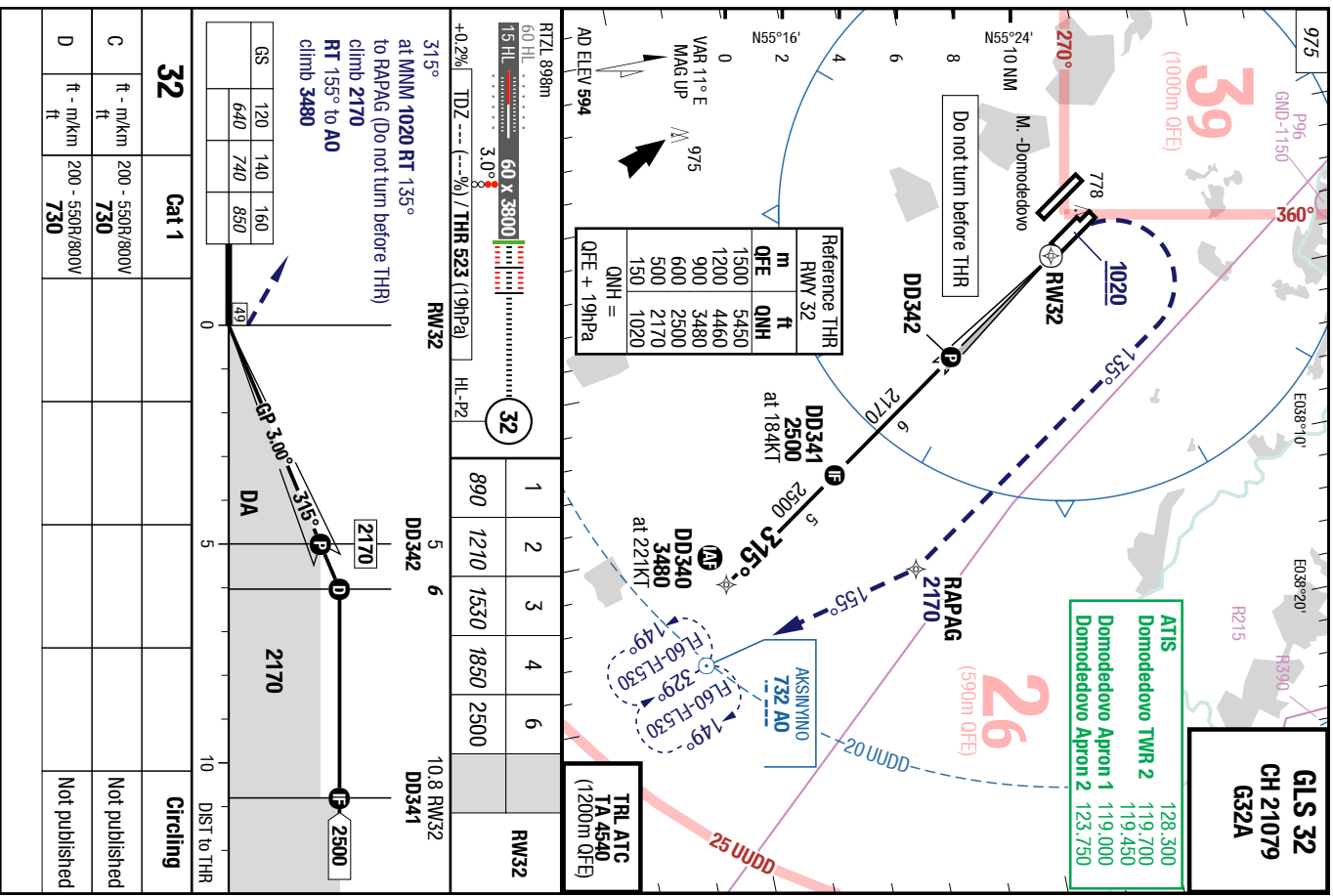
Domodedovo **Moscow** Russian Federation

GLS 14R, GLS 32

GLS 14



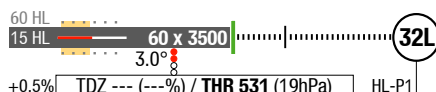
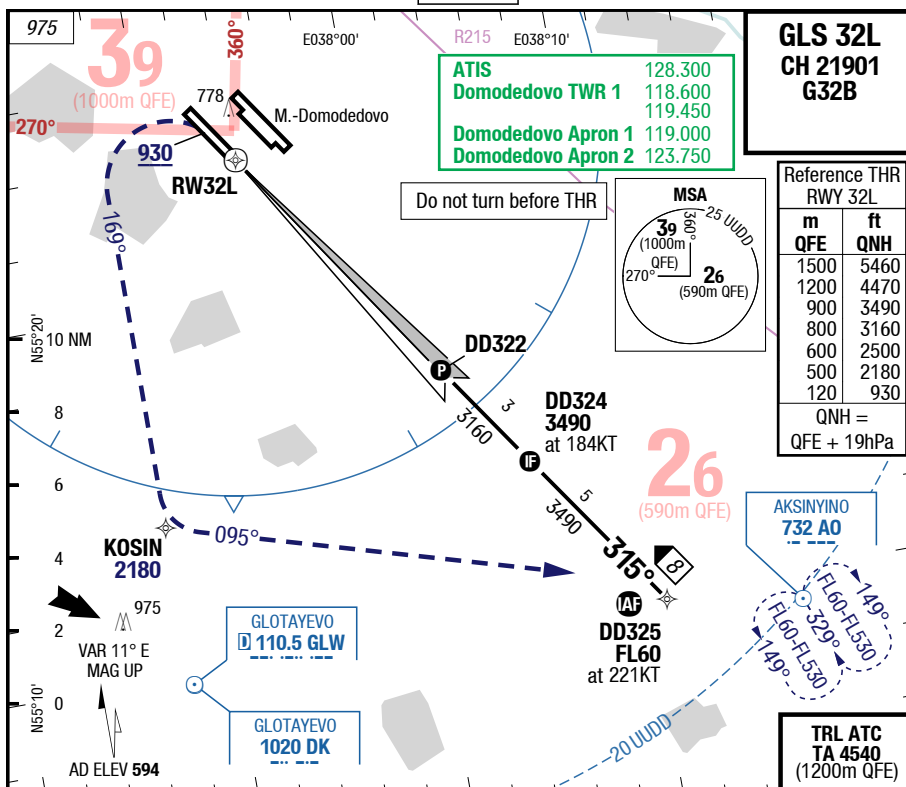
Changes: new



DME-UUDD

7-70

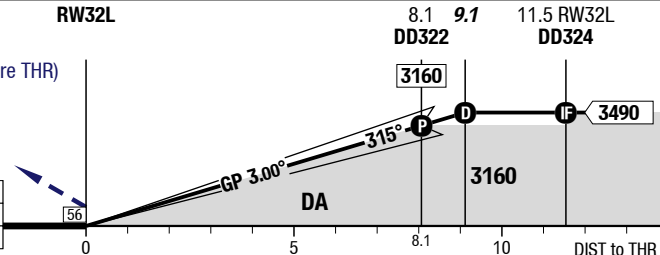
GLS 32L



1	2	3	5	7	9.1	RW32L
910	1230	1550	2180	2820	3490	

315°
at MNM **930 LT** 169°
to KOSIN (Do not turn before THR)
climb **2180**
LT 095° to AO
climb **2500**

GS	120	140	160
	640	740	850



32L		Cat 1					Circling
C	ft - m/km ft	200 - 550R/800V 740					Not published
D	ft - m/km ft	200 - 550R/800V 740					Not published

07-JUN-2018

DME-UUDD

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RNAV (GNSS) 14L, RNAV (GNSS) 14R

7-90

RNAV (GNSS) 14

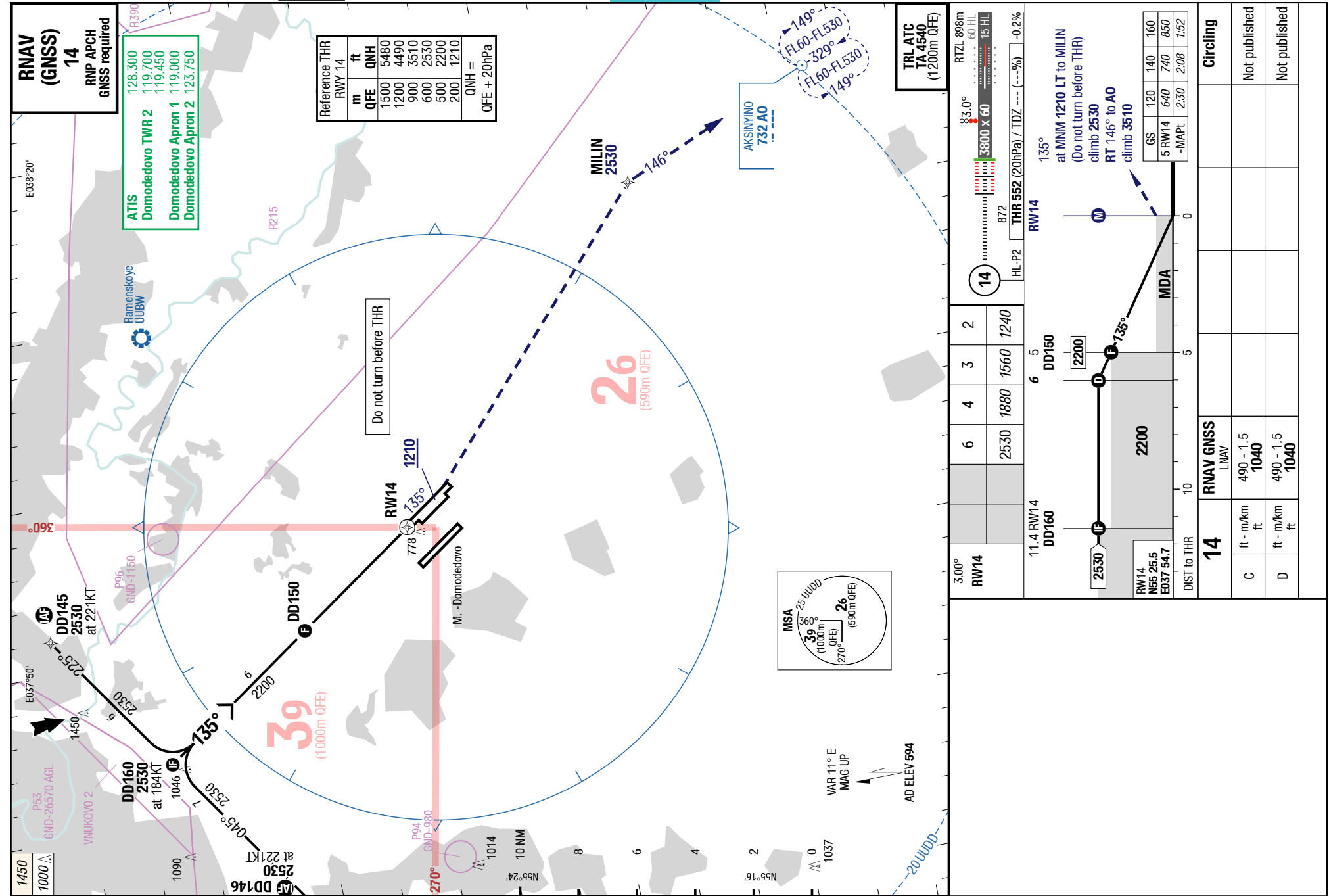
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IAC

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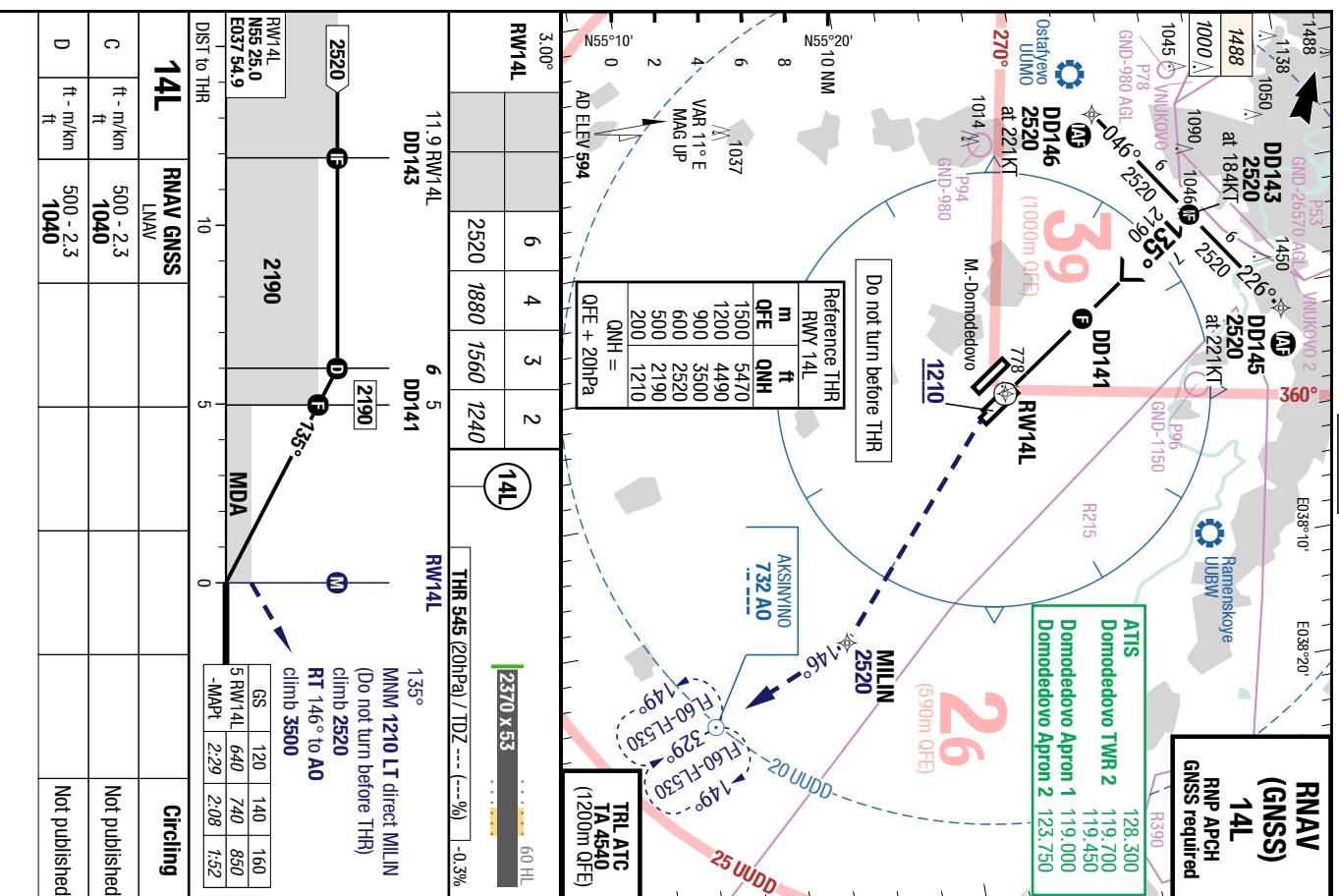
RNAV (GNSS) 14L, RNAV (GNSS) 14R

RNAV (GNSS) 14

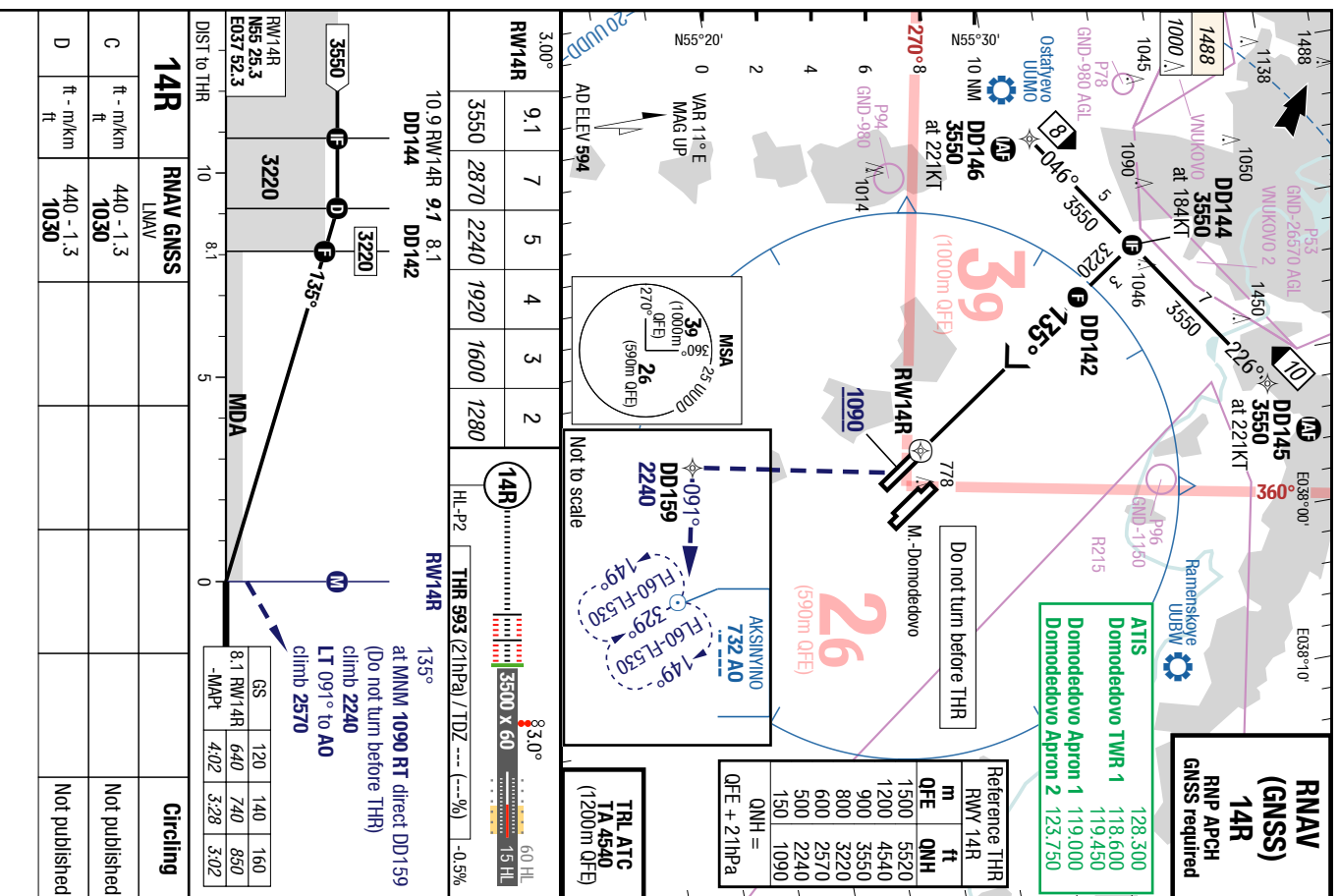


Changes: new

RNAV (GNSS) 14L



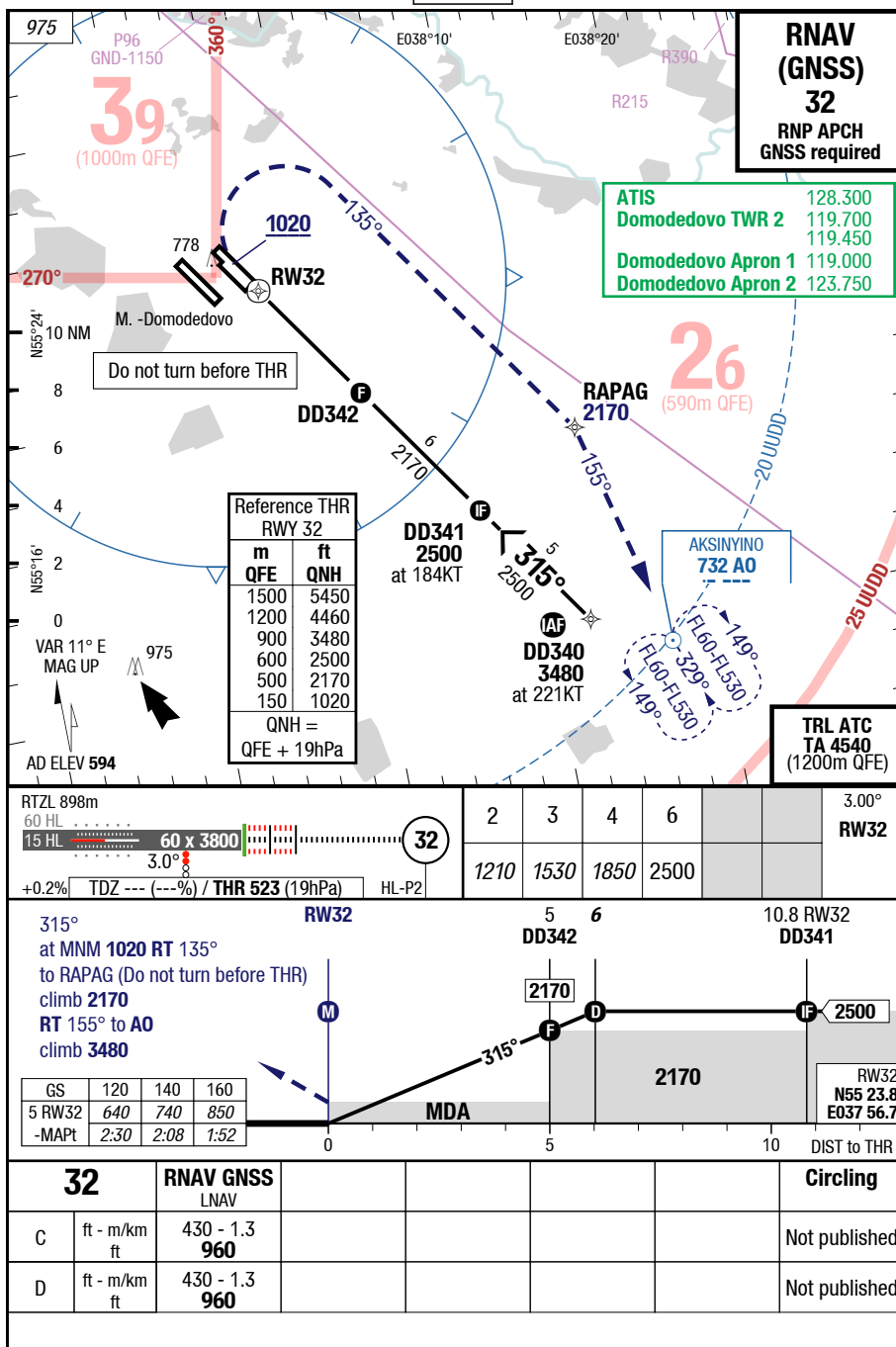
D - F T E R E N T - S C A L E

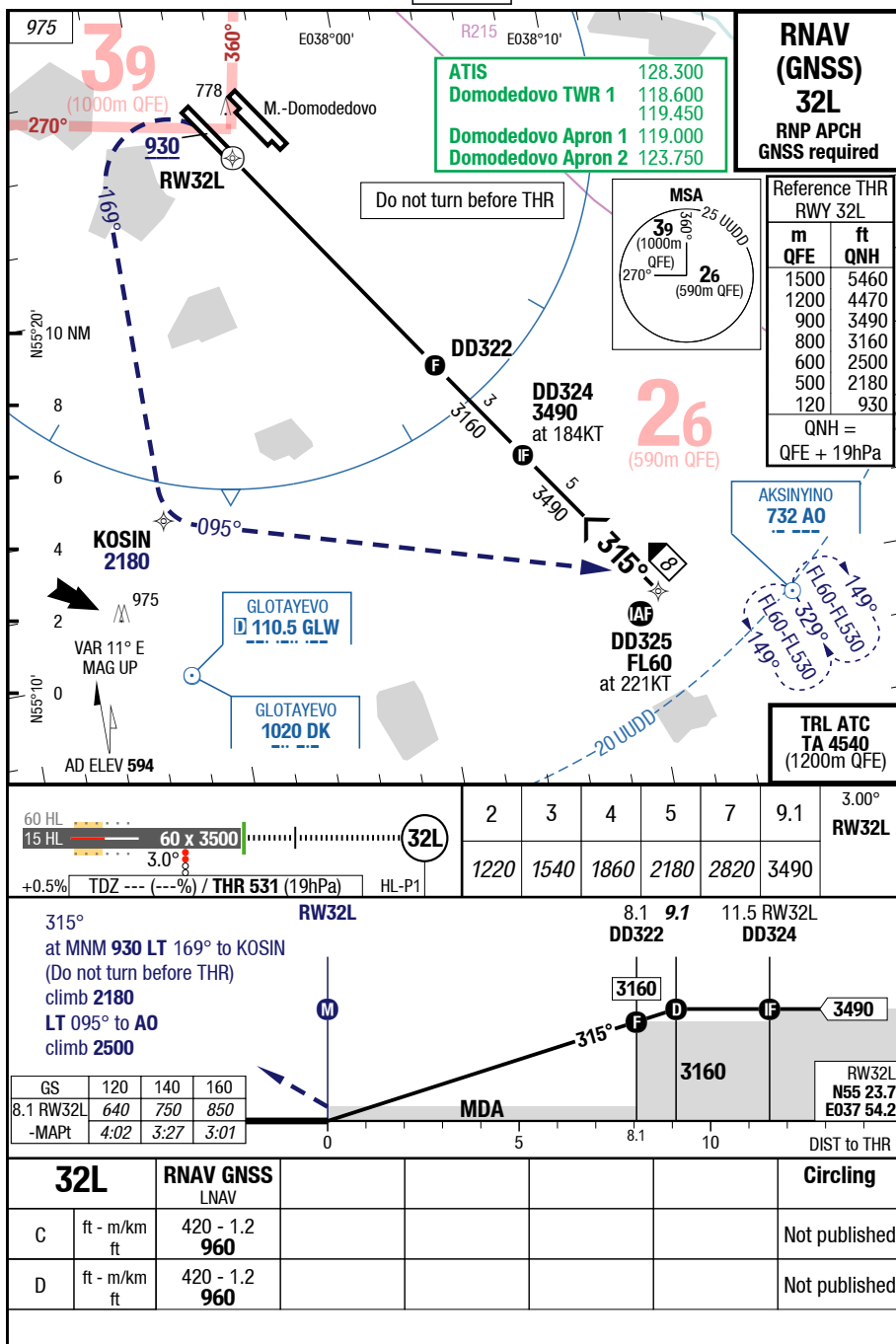


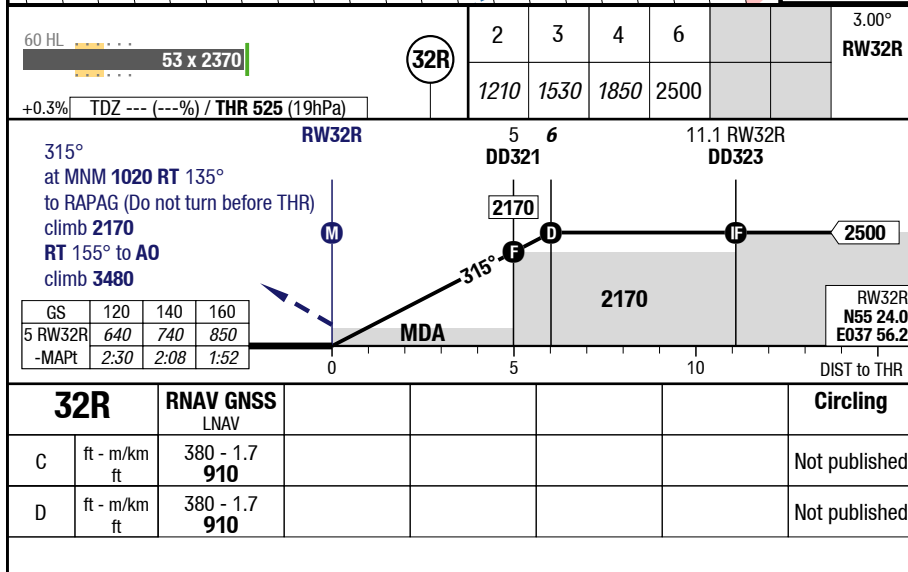
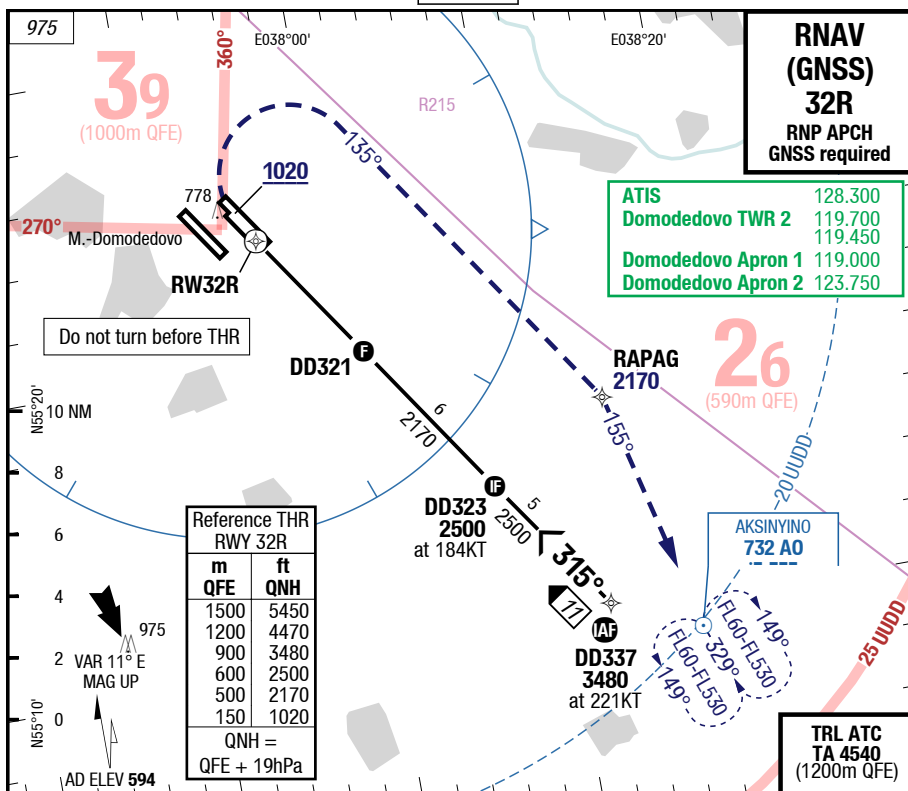
DME-UUDD

7-110

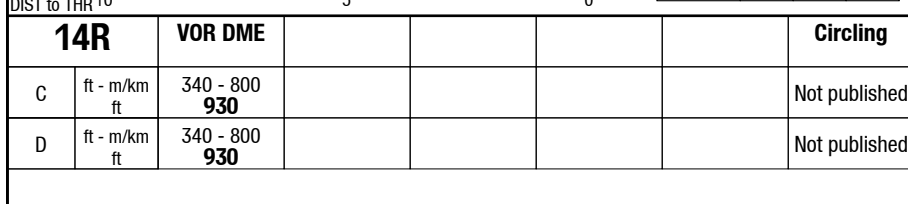
RNAV (GNSS) 32



DME-UDD**7-120****RNAV (GNSS) 32L**

DME-UDD**7-130****RNAV (GNSS) 32R**

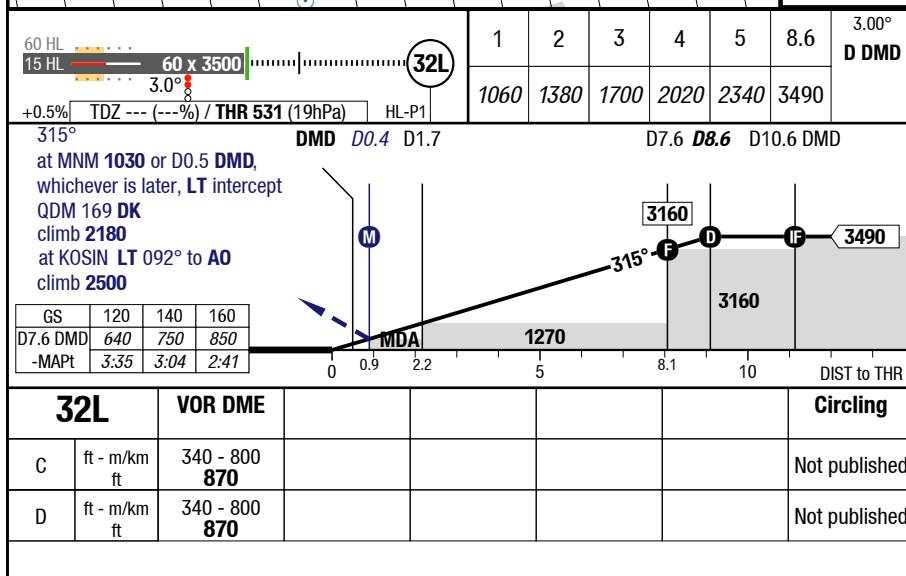
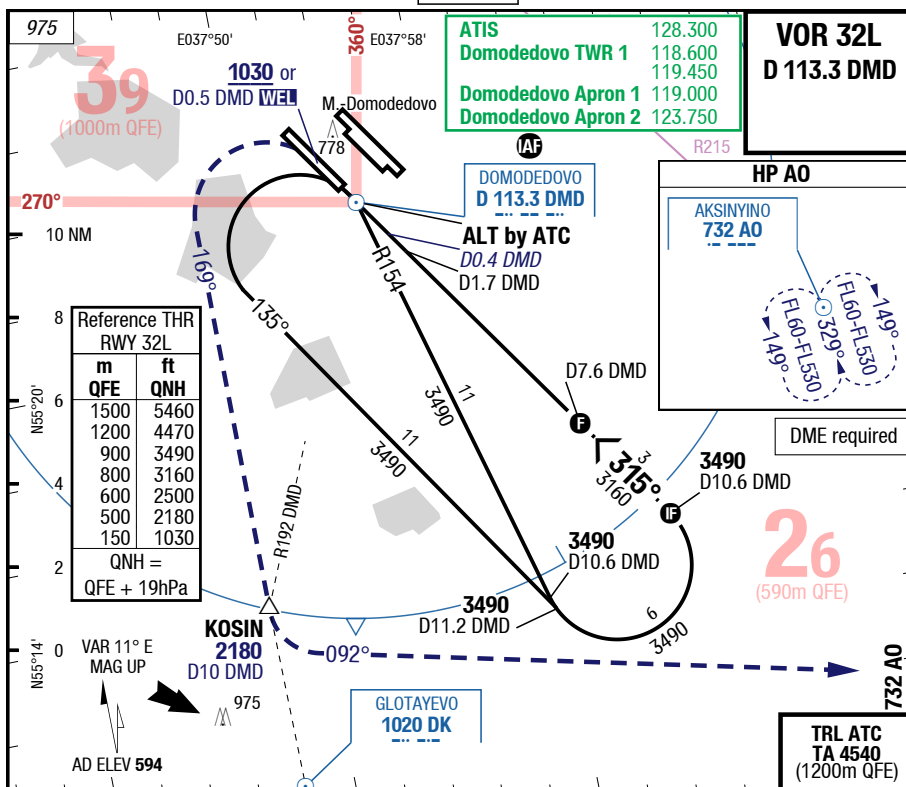
VOR 14R



DME-UUDD

7-160

VOR 32L



07-JUN-2018

DME-UUDD

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NIL
MRC

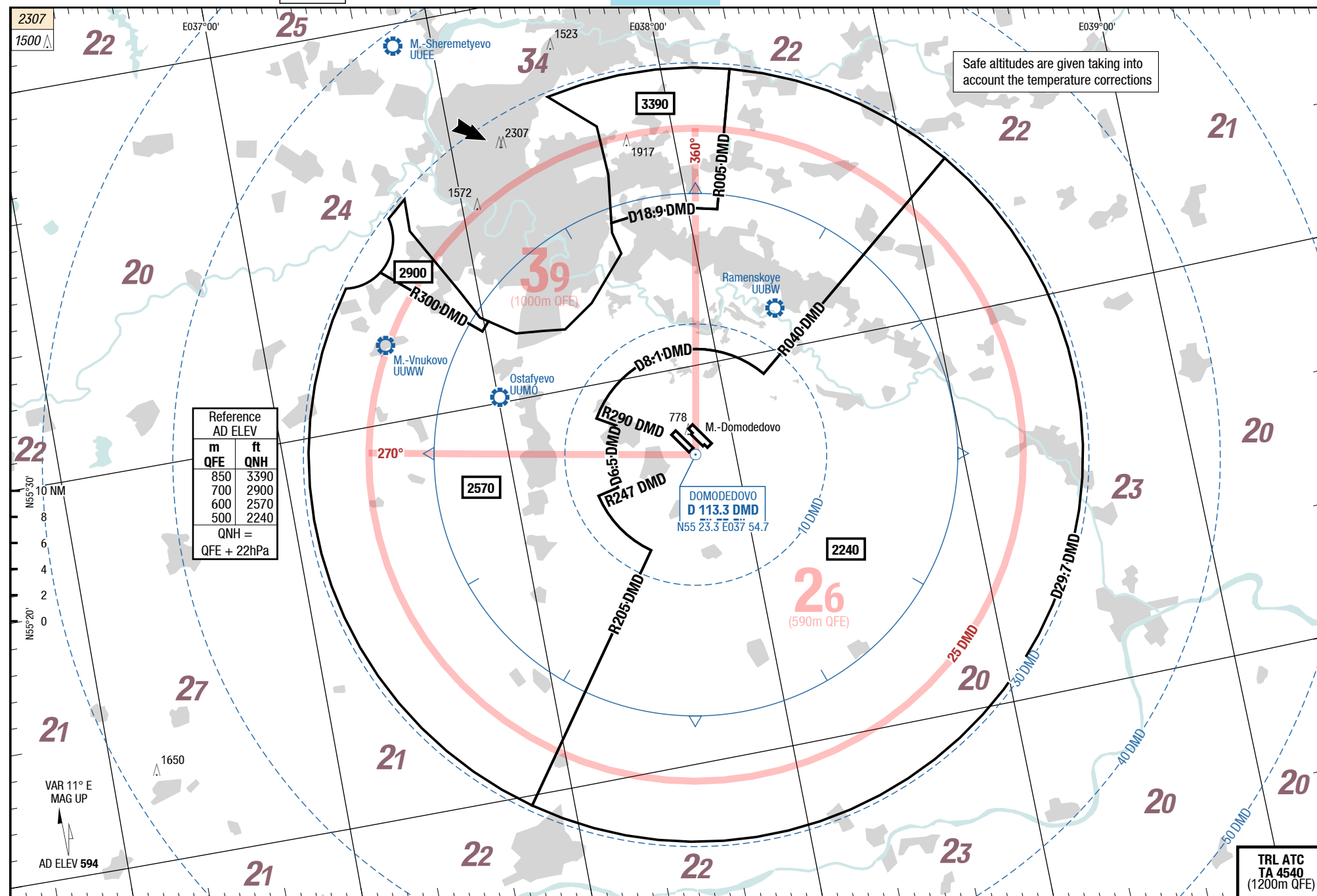
MRC

MRC

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NIL
MRC

8-10



Changes: RWY polygon, OBST

**TRL ATC
TA 4540
(1200m QFE)**

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