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Airport Information For URMO

Terminal Charts For URMO

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: VLADIKAVKAZ RUS
ICAO/IATA: URMO / OGZ
Lat/Long: N43° 12.3', E044° 36.4'
Elevation: 1673 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 7.0° E

Fuel Types: Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0144 Z
Sunset: 1612 Z

Runway Information

Runway: 09
Length x Width: 9843 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 1632 ft
Lighting: Edge, ALS

Runway: 27
Length x Width: 9843 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 1673 ft
Lighting: Edge, ALS

Communication Information

ATIS: 118.500
Vladikavkaz Start Tower: 124.000 Secondary
Vladikavkaz Start Tower: 118.100
Vladikavkaz Krug Radar: 121.200
Vladikavkaz Transit Operations: 121.600
Vladikavkaz Krug Radar: 124.000 Secondary

URMO/OGZ
BESLAN

JEPPesen
29 DEC 17 10-1R Eff 4 Jan

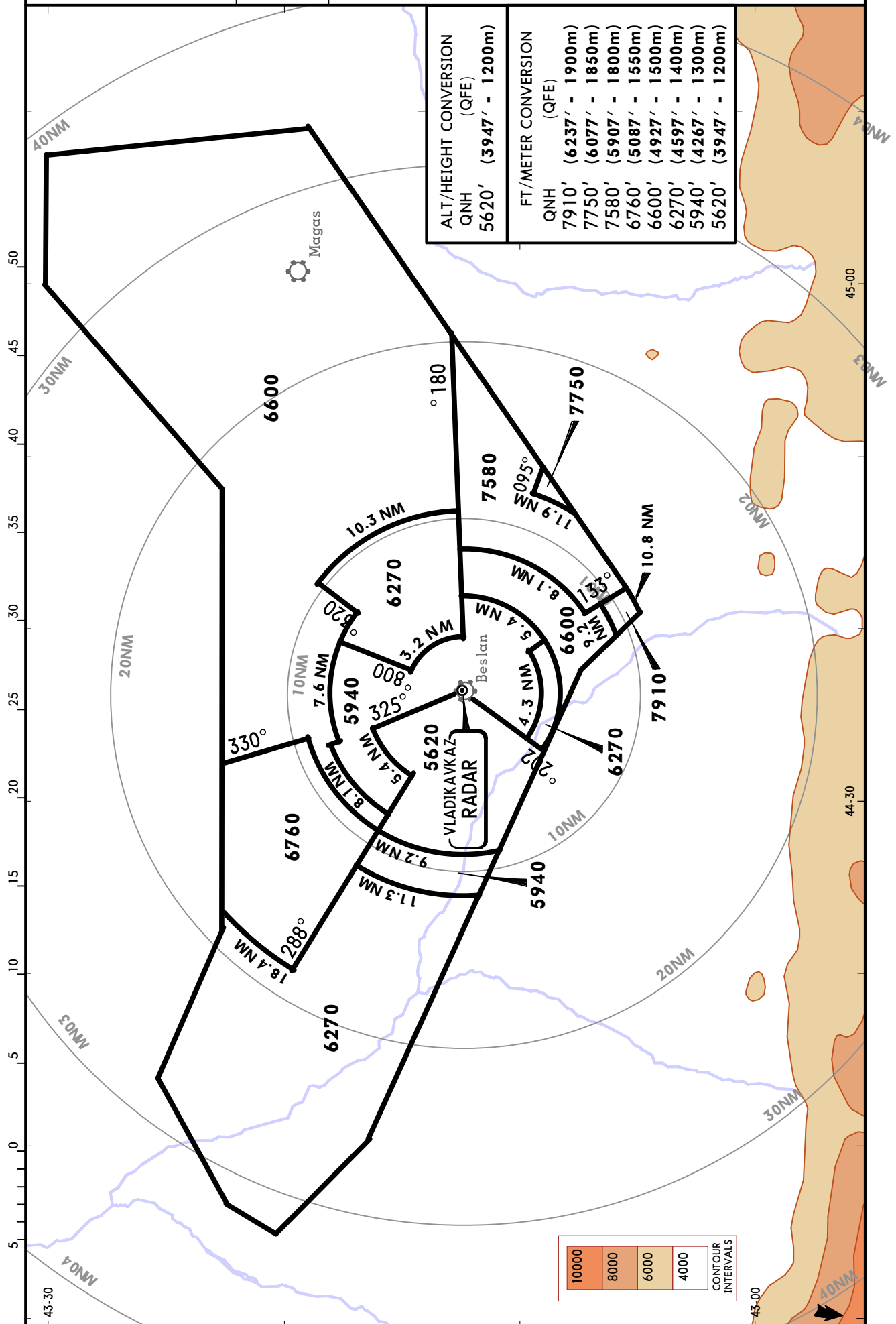
VLADIKAVKAZ, RUSSIA
RADAR MINIMUM ALTITUDES

*VLADIKAVKAZ Krug (RDR)
121.2

Apt Elev
1673'

Alt Set: MM (hPa on req) QNH on request (QFE)
Trans level: FL70 Trans alt: 5620' (3947')

ALT/HEIGHT CONVERSION QNH (QFE)	FT/METER CONVERSION QNH (QFE)
5620' (3947' - 1200m)	QNH (6237' - 1900m)
	7910' (6077' - 1850m)
	7750' (5907' - 1800m)
	7580' (5087' - 1550m)
	6760' (4927' - 1500m)
	6600' (4597' - 1400m)
	6270' (4267' - 1300m)
	5940' (3947' - 1200m)



CHANGES: New chart.

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Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70
1. GNSS.
2. RNAV 1 required.

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URMO/OGZ
BESLAN

JEPPESEN
23 MAR 18 **(10-2A)** **Eff 29 Mar**

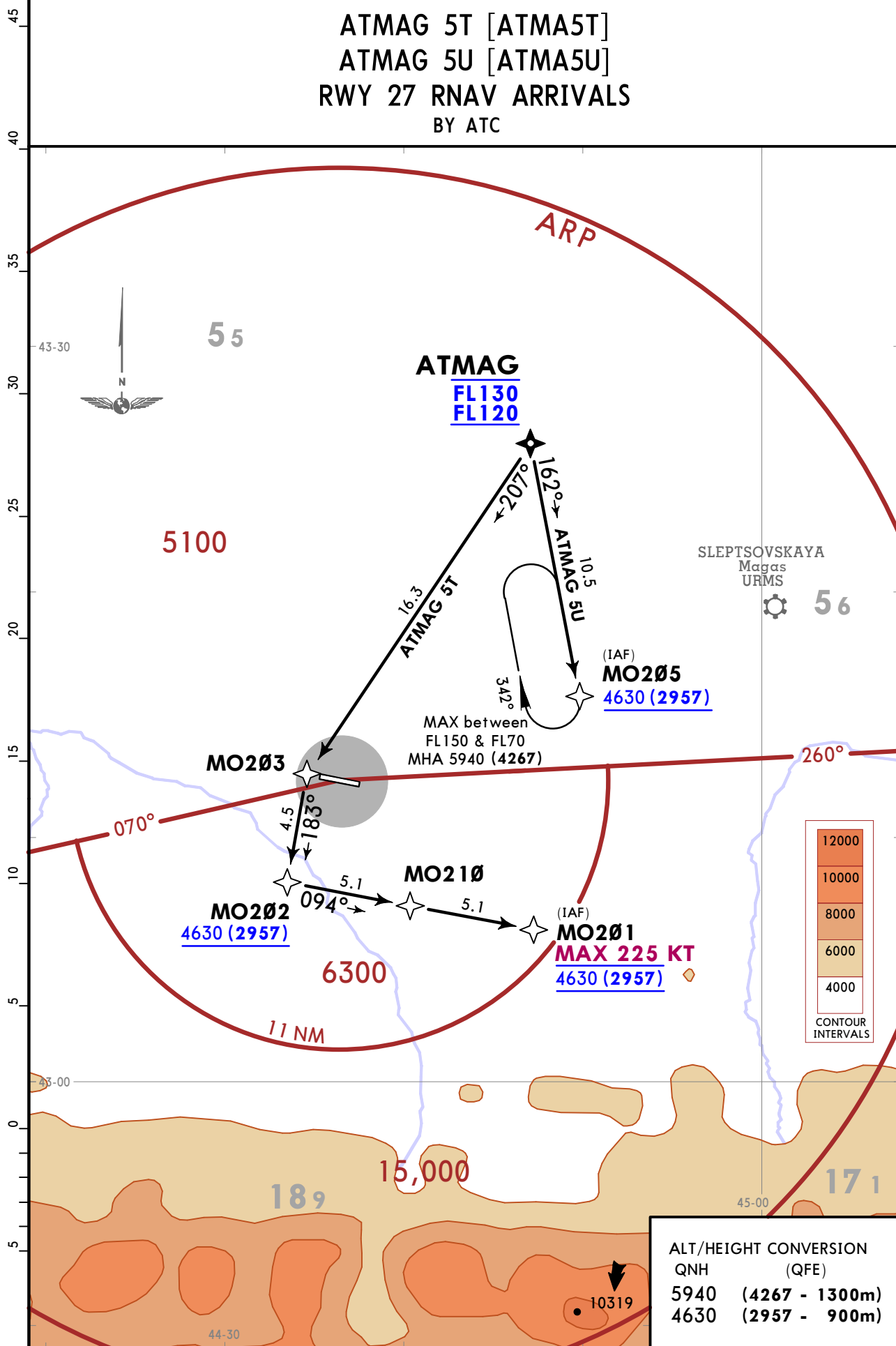
VLADIKAVKAZ, RUSSIA
RNAV STAR

*ATIS
118.5

Apt Elev
1673

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70
1. GNSS.
2. RNAV 1 required.

ATMAG 5T [ATMA5T]
ATMAG 5U [ATMA5U]
RWY 27 RNAV ARRIVALS
BY ATC



CHANGES: Holding.

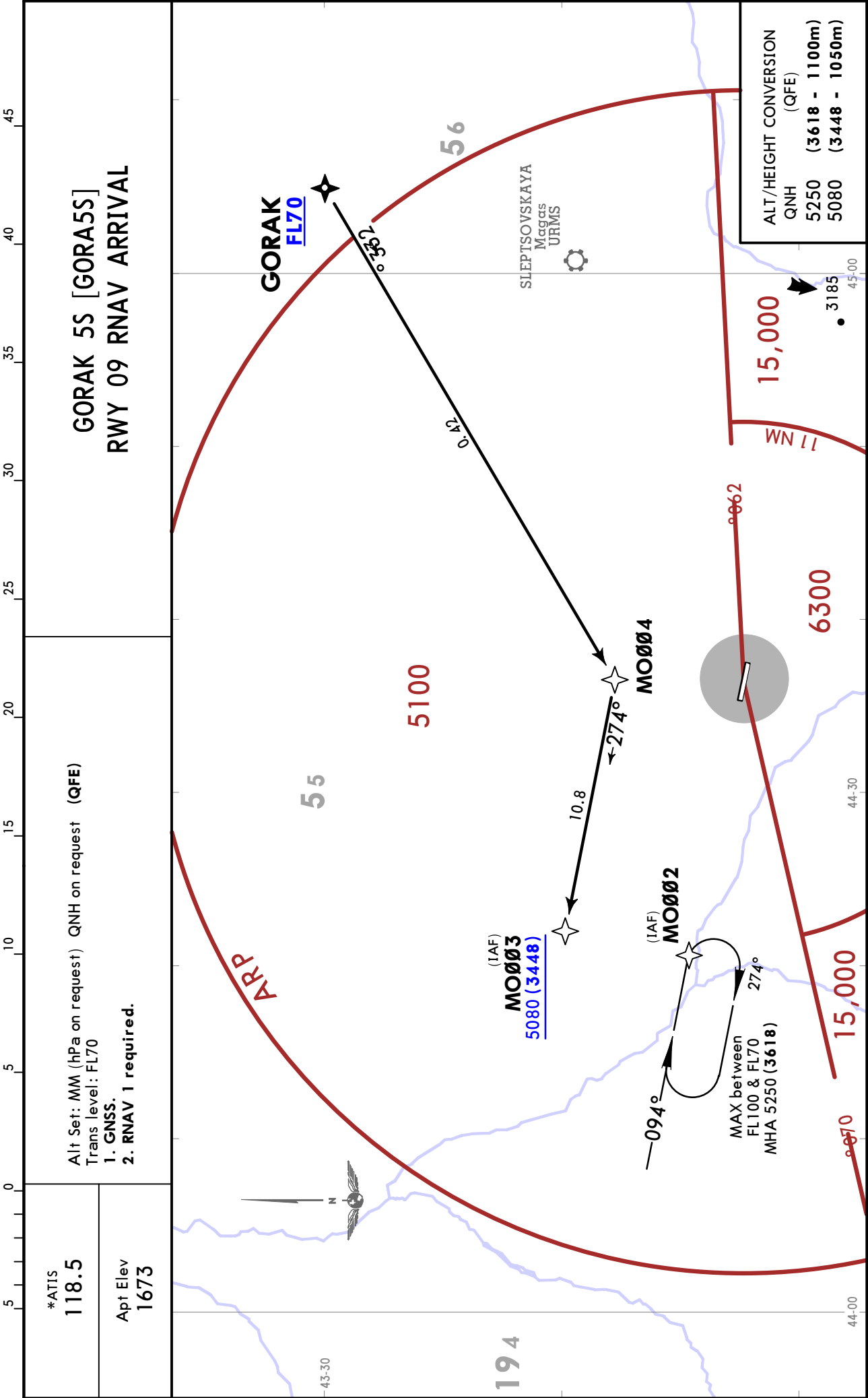
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23 MAR 18 10-2B Eff 29 Mar

VLADIKAVKAZ, RUSSIA

RNAV STAR



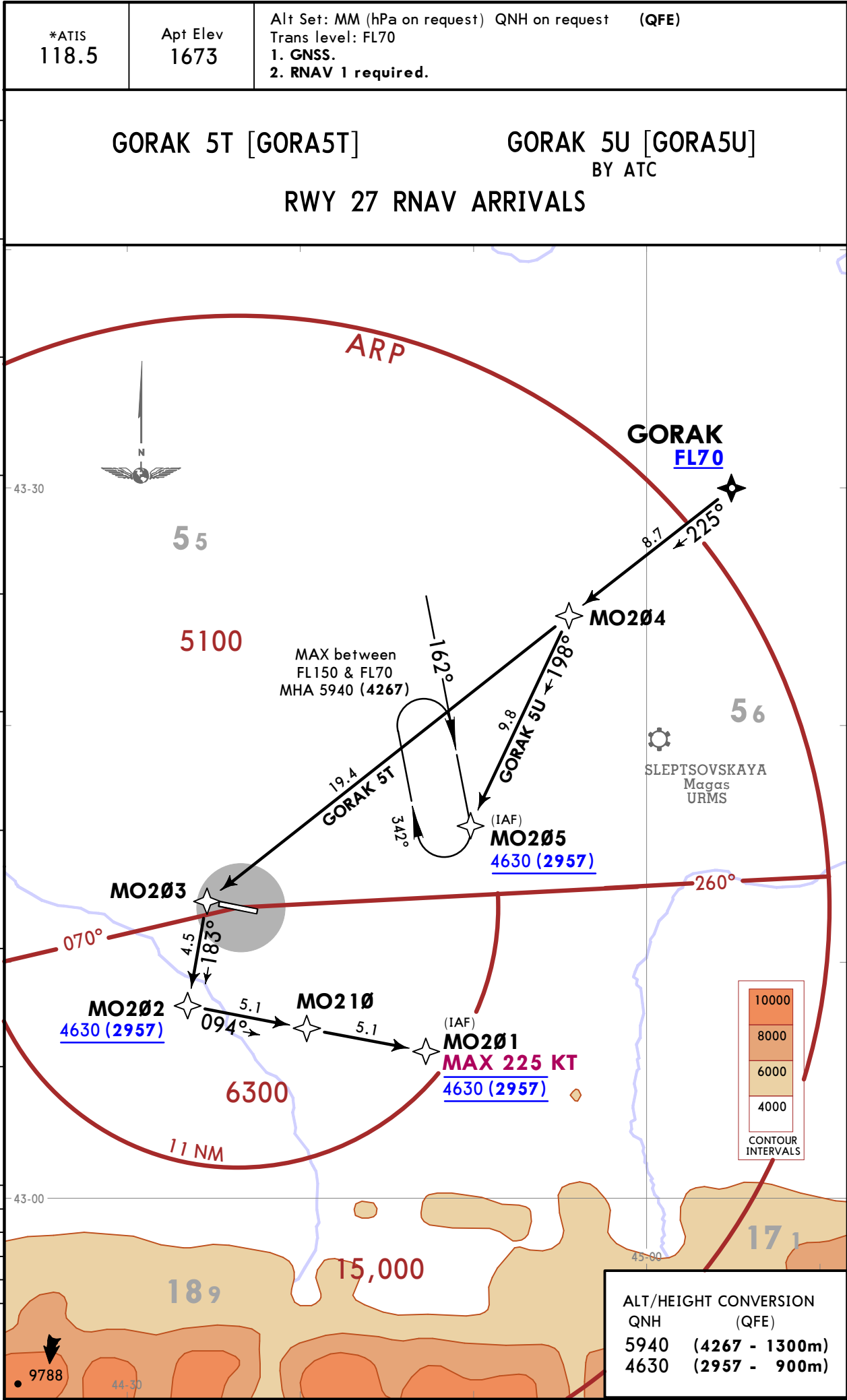
CHANGES: Holding.

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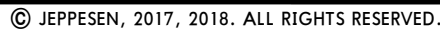
JEPPESSEN
23 MAR 18 (10-2C) Eff 29 Mar

VLADIKAVKAZ, RUSSIA
RNAV STAR



CHANGES: Holding.

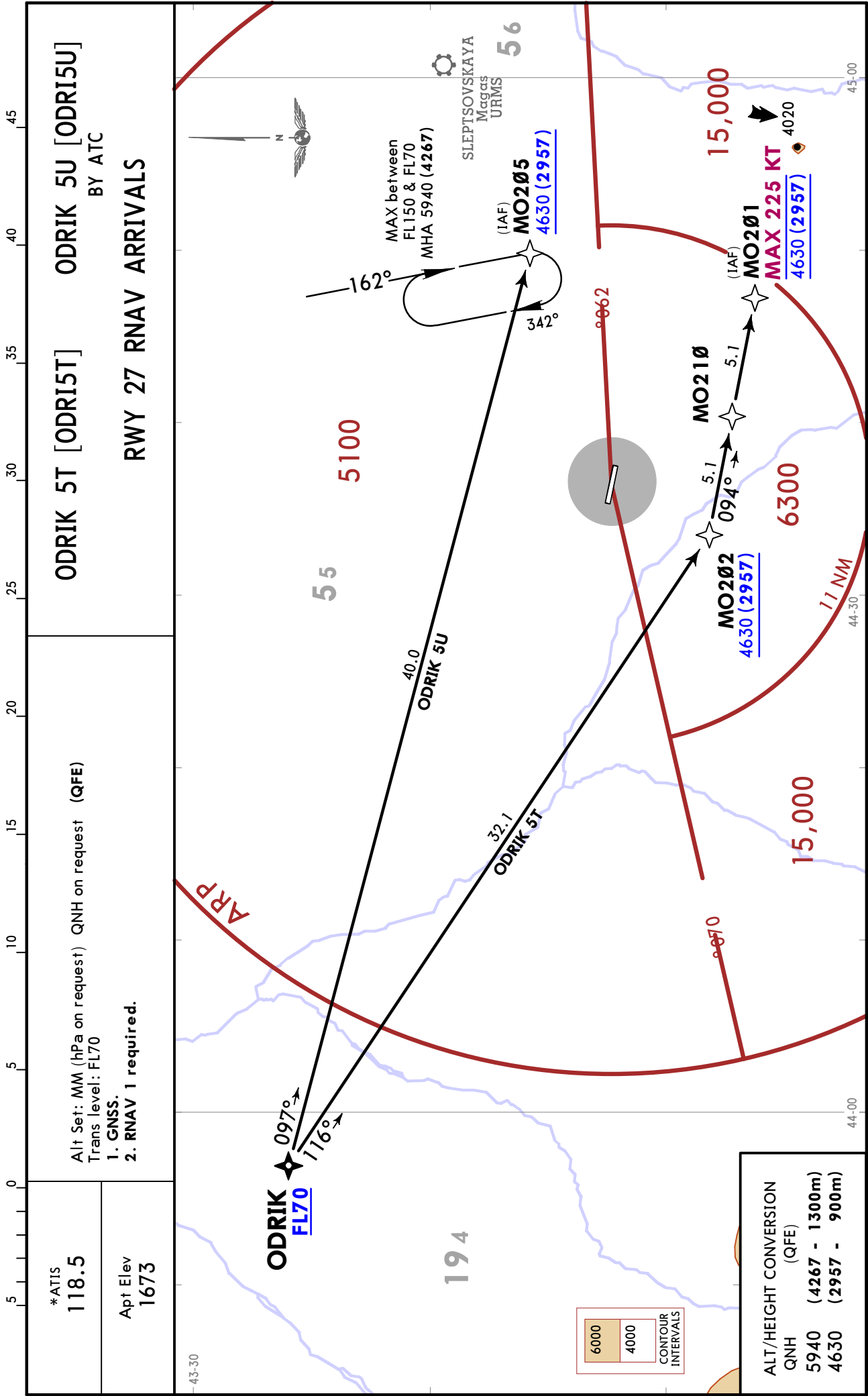
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JEPPESSEN
23 MAR 18 10-2E Eff 29 Mar

VLADIKAVKAZ, RUSSIA
RNAV STAR



CHANGES: Holding.

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22 DEC 17 (10-2F) Eff 4 Jan

VLADIKAVKAZ, RUSSIA

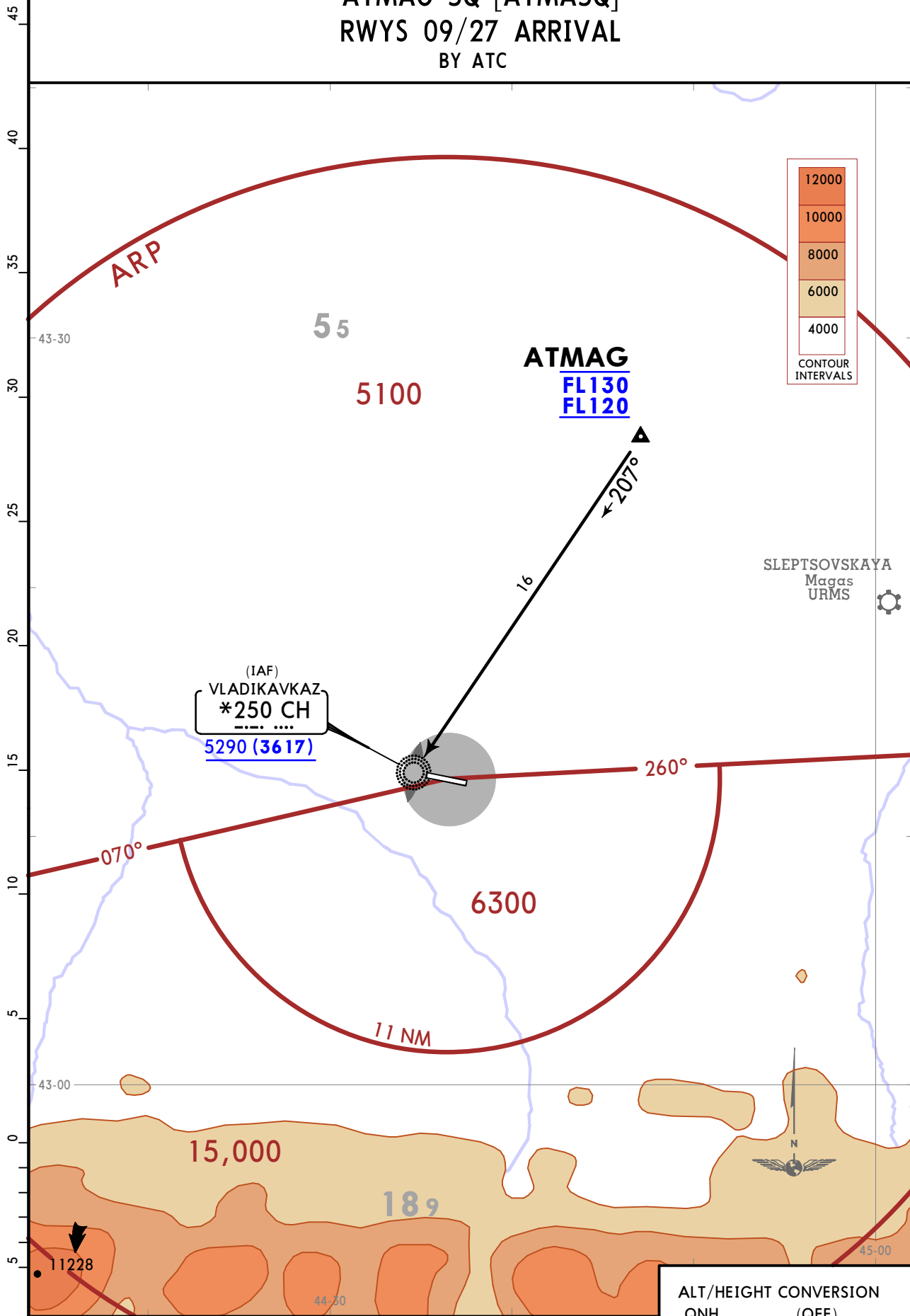
STAR

*ATIS
118.5

Apt Elev
1673

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL70

ATMAG 5Q [ATMA5Q]
RWYS 09/27 ARRIVAL
BY ATC



On 207° bearing to CH.

ROUTING

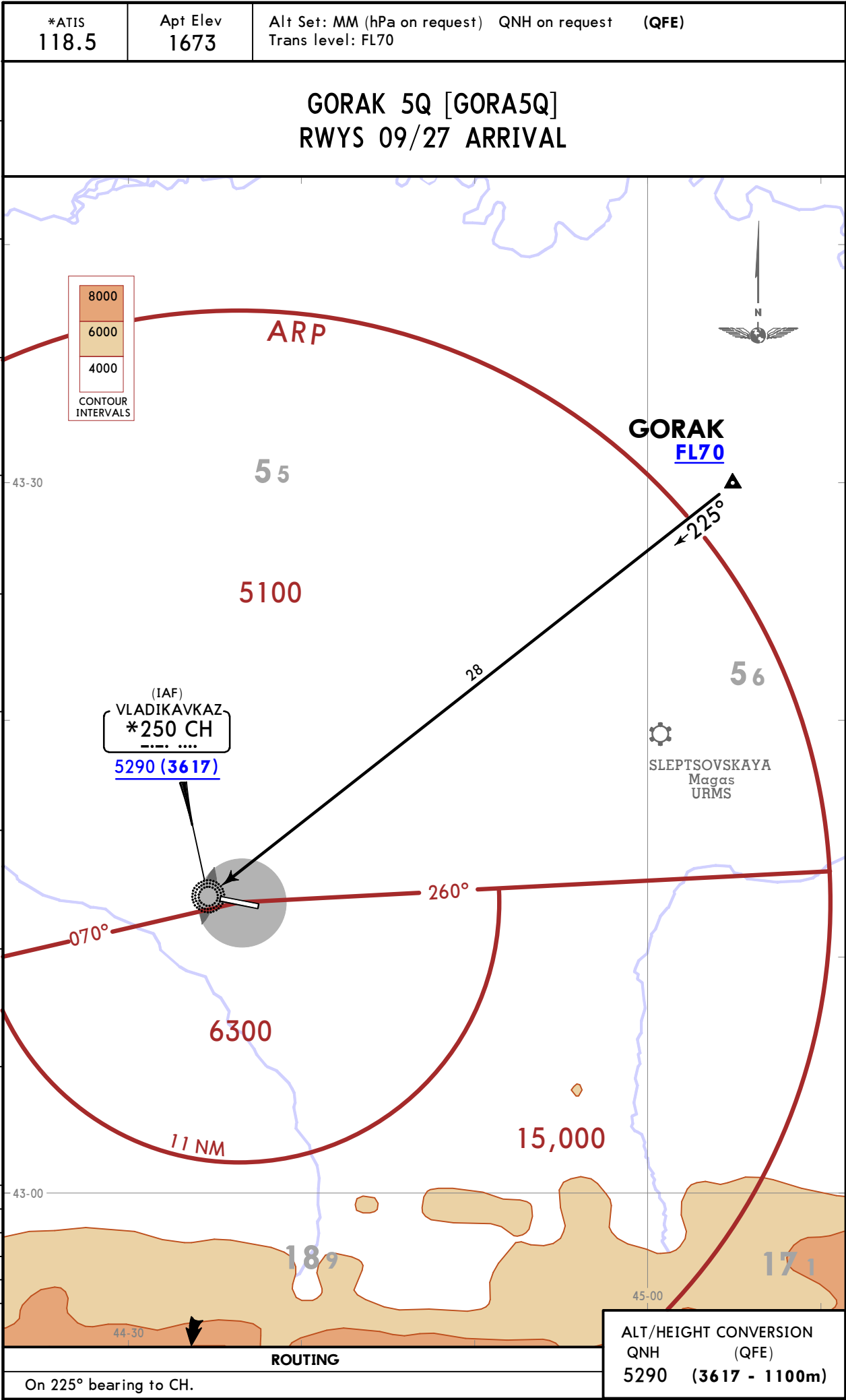
ALT/HEIGHT CONVERSION
QNH (QFE)
5290 (3617 - 1100m)

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BESLAN

JEPPESEN
22 DEC 17 (10-2G) Eff 4 Jan

VLADIKAVKAZ, RUSSIA

STAR



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BESLAN

JEPPESSEN
23 MAR 18 10-3 Eff 29 Mar

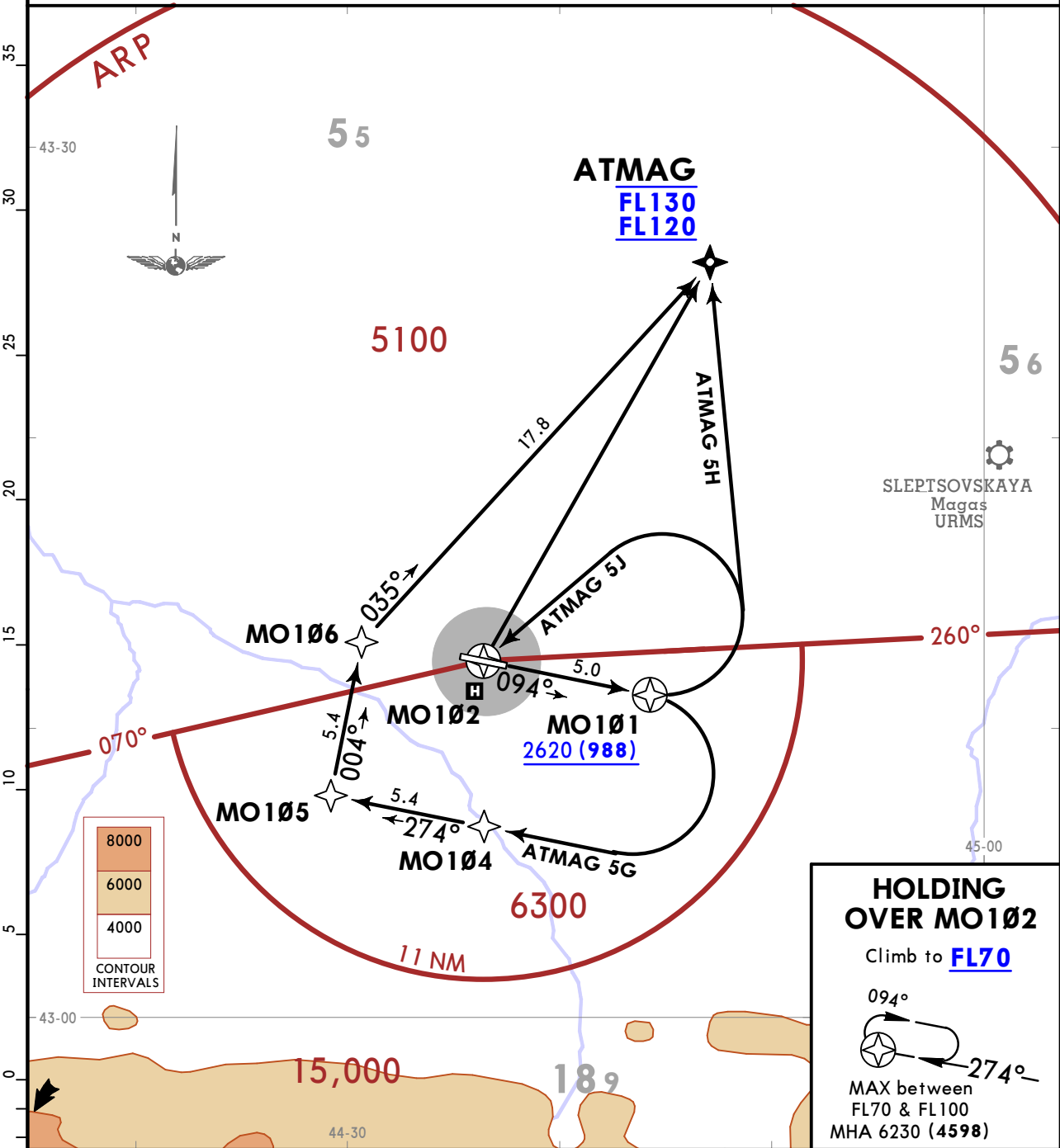
VLADIKAVKAZ, RUSSIA
RNAV SID

Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3988)
1. GNSS.
2. RNAV 1 required.

ATMAG 5G [ATMA5G]
ATMAG 5H [ATMA5H]
ATMAG 5J [ATMA5J]
RWY 09 RNAV DEPARTURES
BY ATC

SPEED: MAX 245 KT



ATMAG 5H

This SID requires a minimum climb gradient
of
7.7% up to FL120 due to airspace structure.

Gnd speed-KT	75	100	150	200	250	300
7.7% V/V (fpm)	585	780	1170	1560	1949	2339

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2620	(988 - 300m)
5620	(3988 - 1200m)
6230	(4598 - 1400m)

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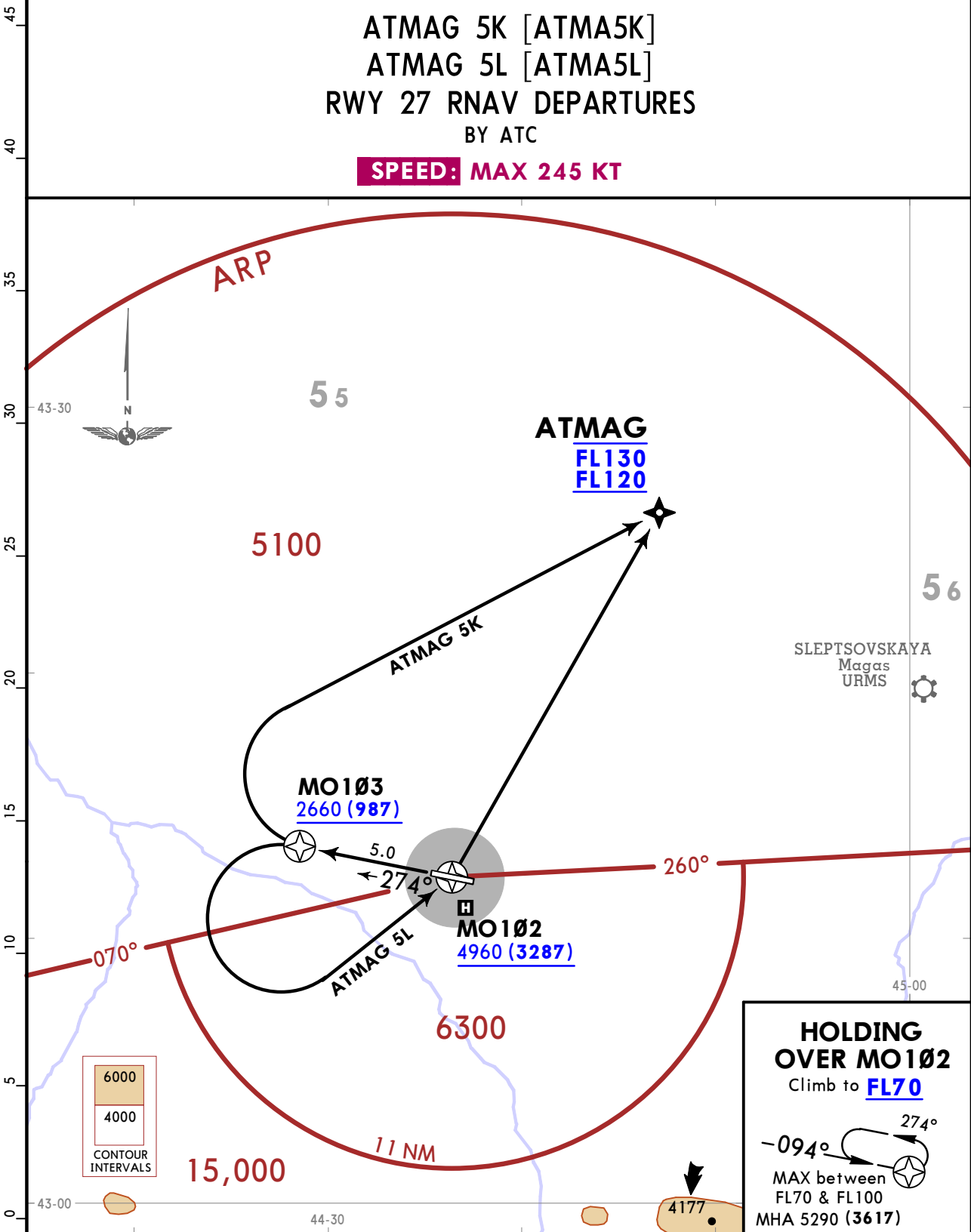
JEPPESSEN
23 MAR 18 (10-3A) Eff 29 Mar

VLADIKAVKAZ, RUSSIA
RNAV SID

Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3947)
1. GNSS.
2. RNAV 1 required.

ATMAG 5K [ATMA5K]
ATMAG 5L [ATMA5L]
RWY 27 RNAV DEPARTURES
BY ATC
SPEED: MAX 245 KT



These SIDs require a minimum climb gradients
of
ATMAG 5K: 6.3% up to FL120 due to airspace structure.
ATMAG 5L: 5.2% up to FL120 due to airspace structure.

Gnd speed-KT	75	100	150	200	250	300
5.2% V/V (fpm)	395	527	790	1053	1316	1580
6.3% V/V (fpm)	478	638	957	1276	1595	1914

If unable to comply, use holding over MO102 for climbing to FL100.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2660	(987 - 300m)
4960	(3287 - 1000m)
5290	(3617 - 1100m)
5620	(3947 - 1200m)

URMO/OGZ
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JEPPESEN
23 MAR 18 (10-3B) Eff 29 Mar

VLADIKAVKAZ, RUSSIA

RNAV SID

Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3988)
1. GNSS.
2. RNAV 1 required.

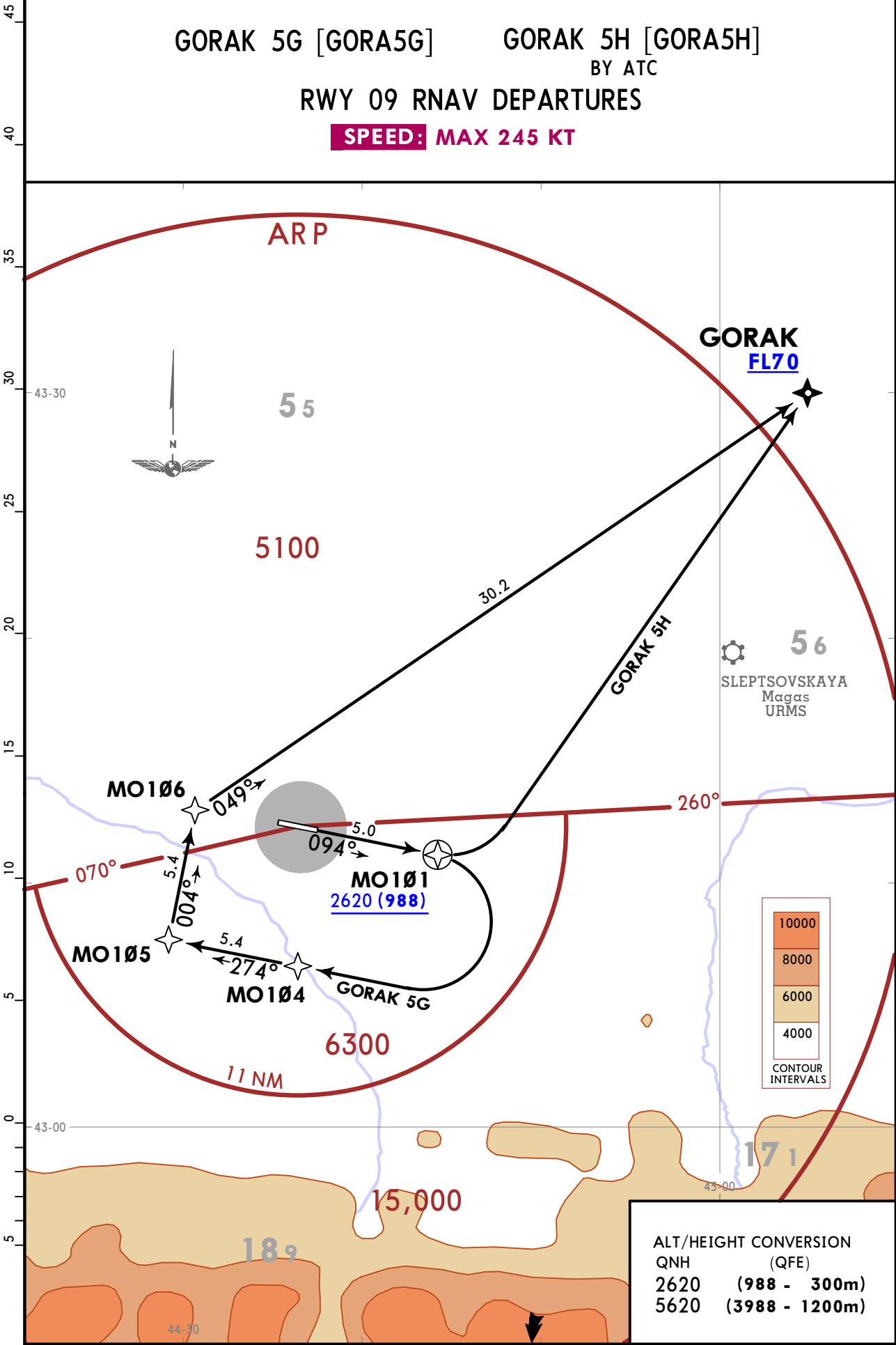
GORAK 5G [GORA5G]

GORAK 5H [GORA5H]

BY ATC

RWY 09 RNAV DEPARTURES

SPEED: MAX 245 KT



CHANGES: None.

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JEPPESEN
23 MAR 18 (10-3C) Eff 29 Mar

VLADIKAVKAZ, RUSSIA

RNAV SID

Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3947)
1. GNSS.
2. RNAV 1 required.

GORAK 5K [GORA5K]
GORAK 5L [GORA5L]
RWY 27 RNAV DEPARTURES
SPEED: MAX 245 KT

**HOLDING
OVER MO102**

Climb to **FL70**

-094° 274°
MAX between
FL70 & FL100
MHA 5290 (3617)

GORAK
FL70

5100

55

GORAK 5K

SLEPTSOVSKAYA
Magas
URMS

56

MO103
2660 (987)

5.0

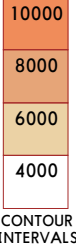
274°

H
MO102
4960 (3287)

GORAK 5L

6300

11 NM



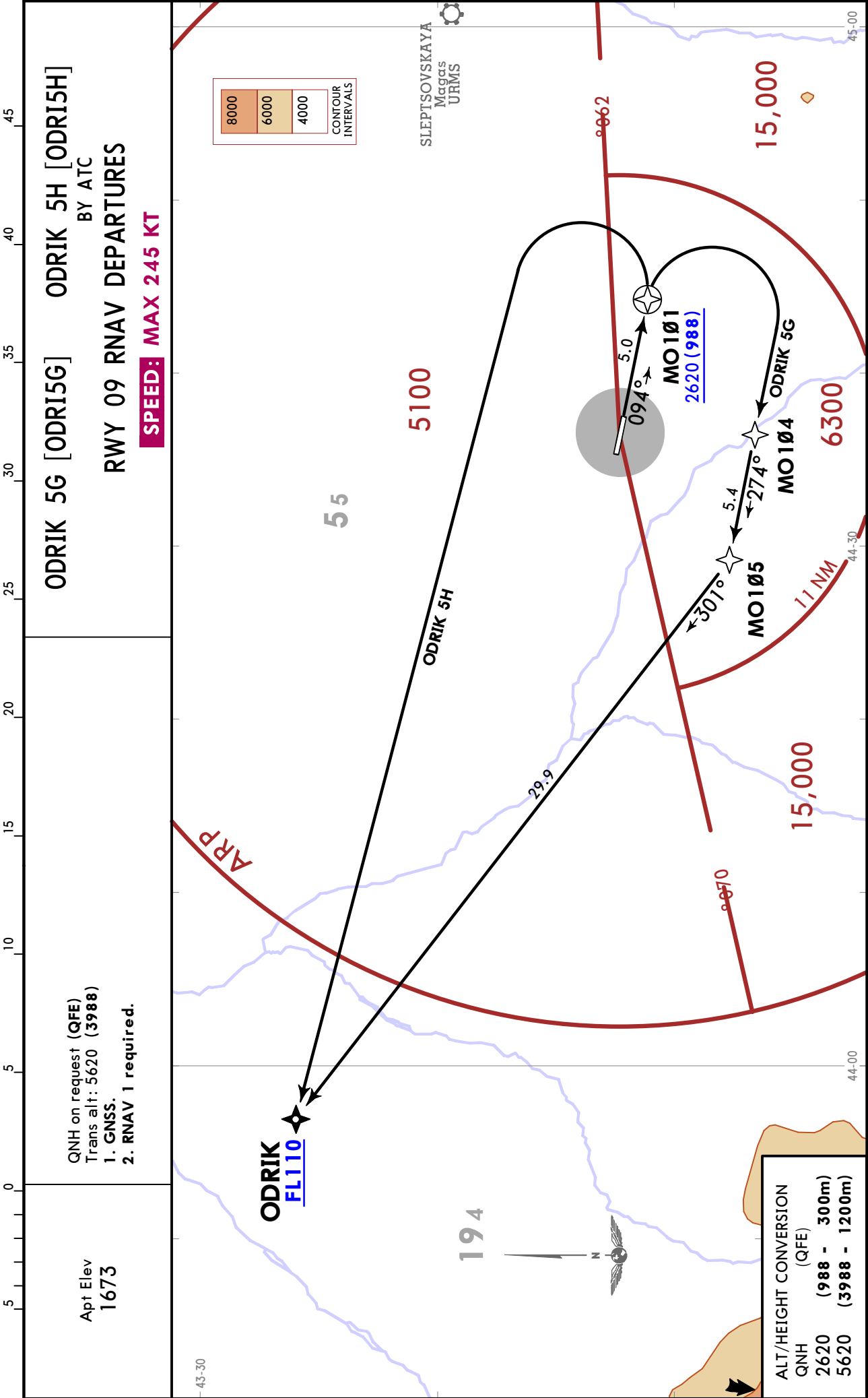
ALT/HEIGHT CONVERSION	
QNH	(QFE)
2660	(987 - 300m)
4960	(3287 - 1000m)
5290	(3617 - 1100m)
5620	(3947 - 1200m)

URMO/OGZ
BESLAN

JEPPESSEN
22 DEC 17 10-3D Eff 4 Jan

VLADIKAVKAZ, RUSSIA

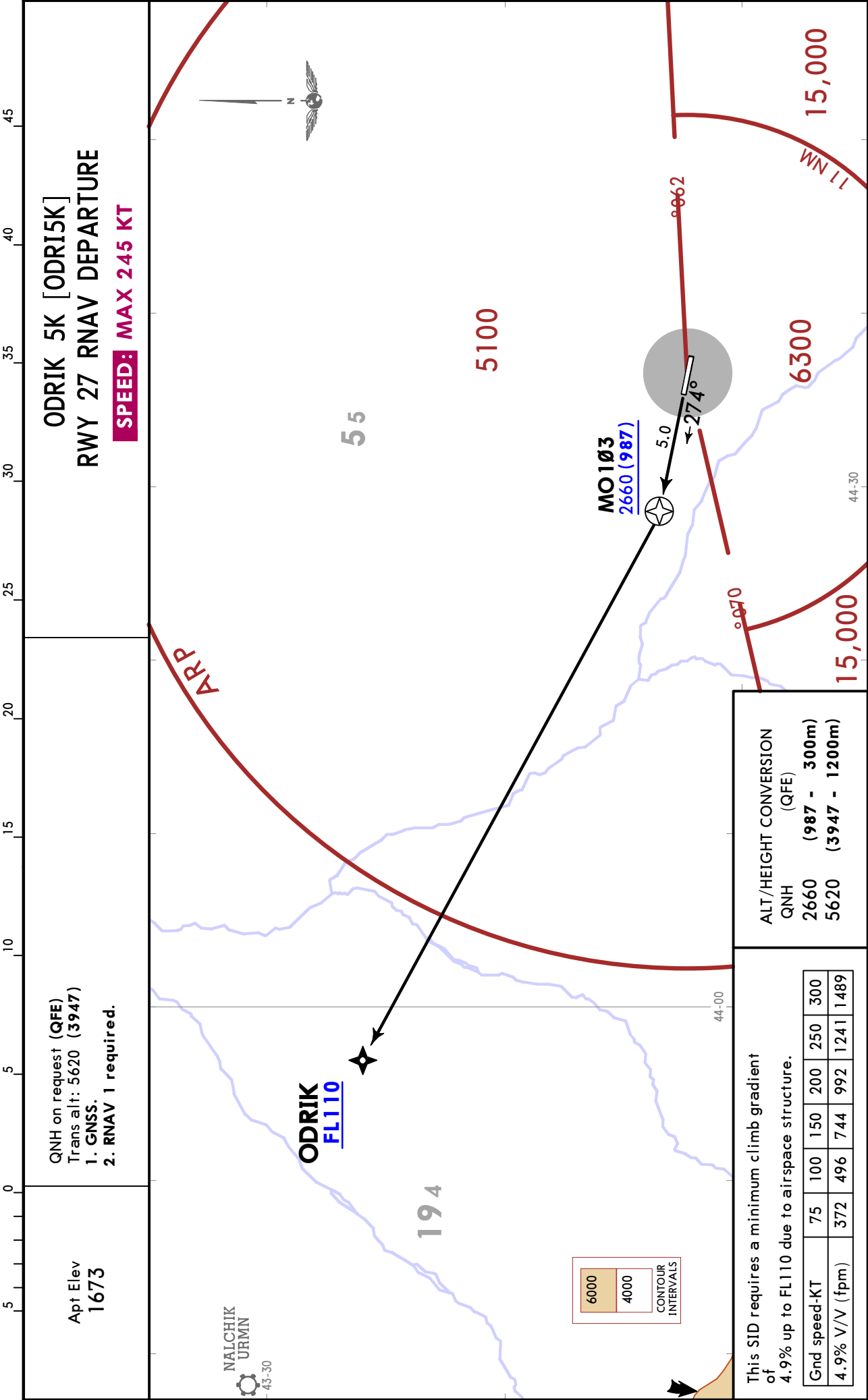
RNAV SID



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JEPPESSEN
22 DEC 17 10-3E Eff 4 Jan

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RNAV SID



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22 DEC 17 10-3F Eff 4 Jan

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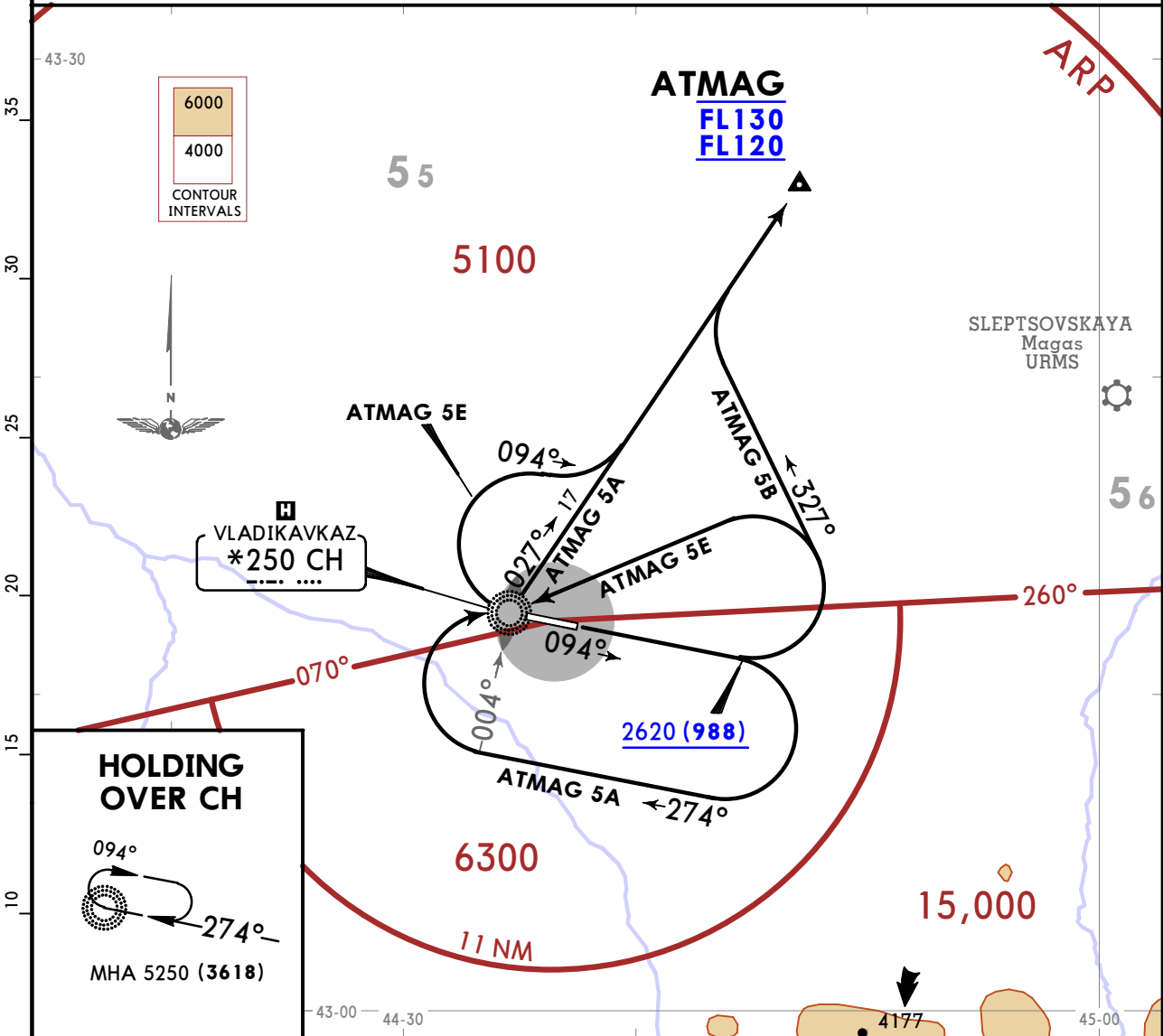
SID

Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3988)

ATMAG 5A [ATMA5A]
ATMAG 5B [ATMA5B]
ATMAG 5E [ATMA5E]
RWY 09 DEPARTURES
BY ATC

SPEED: MAX 245 KT



These SIDs require minimum climb gradients of

ATMAG 5B: 7.5% up to FL120 due to airspace structure. If unable to comply, use SID ATMAG 5E.

ATMAG 5E: 5.8%. If unable to comply, use holding over CH for climbing to FL100.

Gnd speed-KT	75	100	150	200	250	300
5.8% V/V (fpm)	441	587	881	1175	1468	1762
7.5% V/V (fpm)	570	760	1139	1519	1899	2279

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2620	(988 - 300m)
5250	(3618 - 1100m)
5620	(3988 - 1200m)

SID	ROUTING
ATMAG 5A	Climb on 094° track to 2620 (988), turn RIGHT, 274° track, at 004° bearing to CH turn RIGHT to CH, 027° bearing to ATMAG.
ATMAG 5B	Climb on 094° track to 2620 (988), turn LEFT, 327° track, intercept 027° bearing from CH to ATMAG.
ATMAG 5E	Climb on 094° track to 2620 (988), turn LEFT to CH, turn RIGHT, 094° track, intercept 027° bearing from CH to ATMAG.

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JEPPESEN
22 DEC 17 (10-3G) Eff 4 Jan

VLADIKAVKAZ, RUSSIA

SID

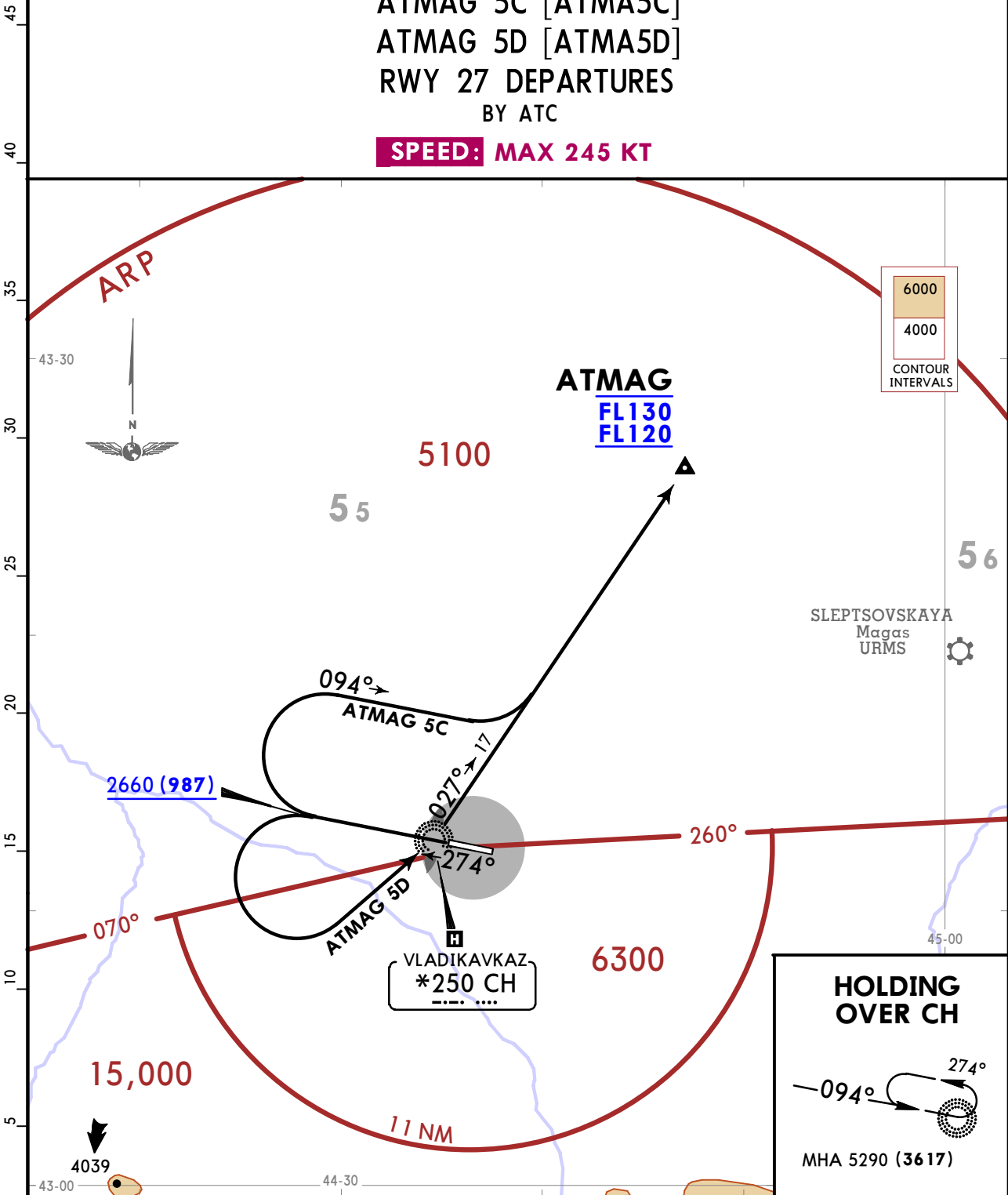
Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3947)

ATMAG 5C [ATMA5C]
ATMAG 5D [ATMA5D]
RWY 27 DEPARTURES

BY ATC

SPEED: MAX 245 KT



These SIDs require a minimum climb gradients of

ATMAG 5C: 6.3% up to FL120 due to airspace structure.
ATMAG 5D: 5.2% up to FL120 due to airspace structure.

Gnd speed-KT	75	100	150	200	250	300
5.2% V/V (fpm)	395	527	790	1053	1316	1580
6.3% V/V (fpm)	478	638	957	1276	1595	1914

If unable to comply, use holding over CH for climbing to FL100.

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2660	(987 - 300m)
5290	(3617 - 1100m)
5620	(3947 - 1200m)

SID	ROUTING
ATMAG 5C	Climb on 274° track to 2660 (987), turn RIGHT, 094° track, intercept 027° bearing from CH to ATMAG.
ATMAG 5D	Climb on 274° track to 2660 (987), turn LEFT to CH, 027° bearing to ATMAG.

SID	ROUTING
GORAK 5A	Climb on 094° track to 2620 (988), turn RIGHT, 274° track, at 004° bearing to CH turn RIGHT to CH, 045° bearing to GORAK.
GORAK 5B	Climb on 094° track to 2620 (988), turn LEFT, 004° track, intercept 045° bearing from CH to GORAK.

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22 DEC 17 10-3J Eff 4 Jan

VLADIKAVKAZ, RUSSIA

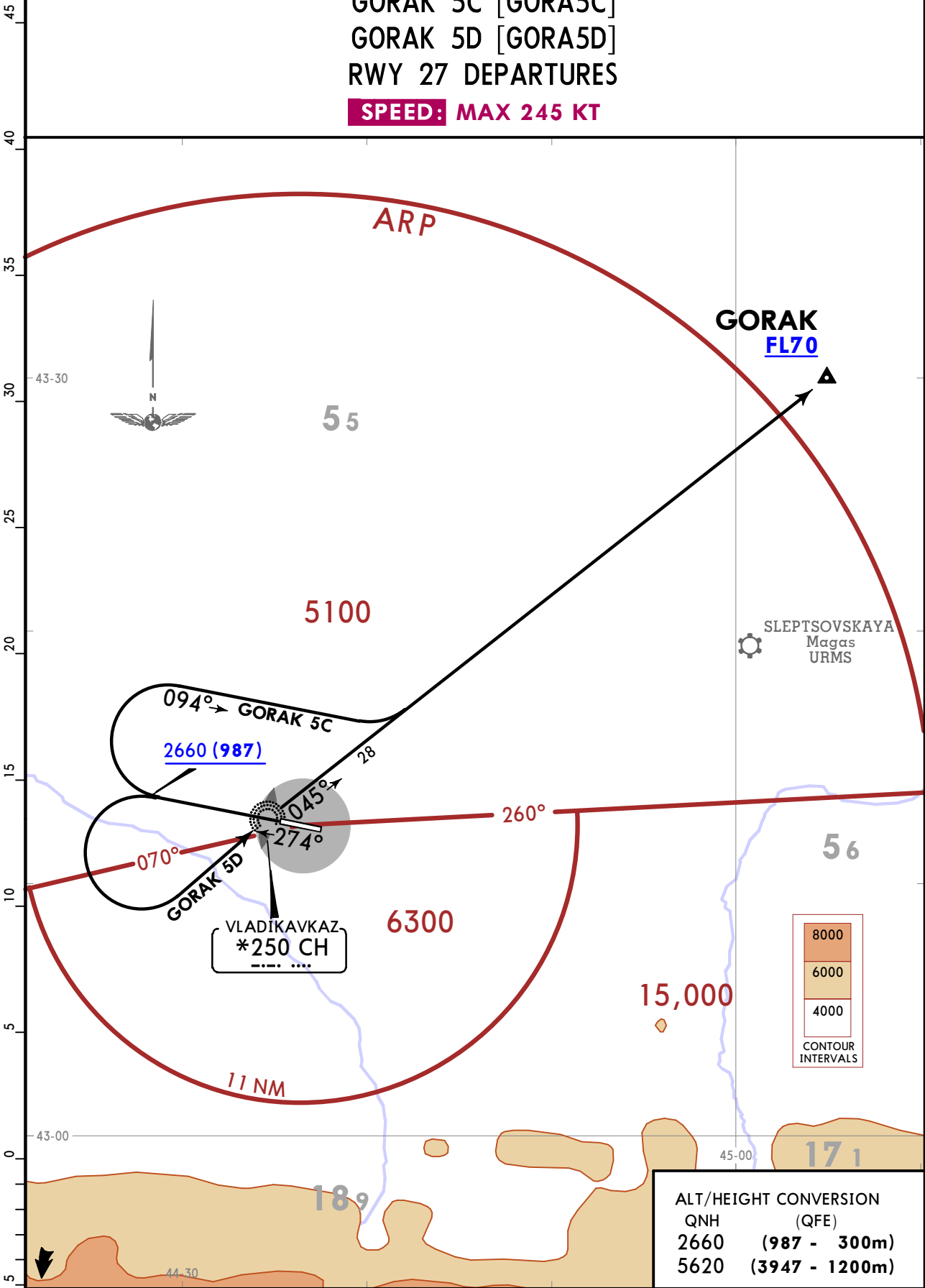
SID

Apt Elev
1673

QNH on request (QFE)
Trans alt: 5620 (3947)

GORAK 5C [GORA5C]
GORAK 5D [GORA5D]
RWY 27 DEPARTURES

SPEED: MAX 245 KT



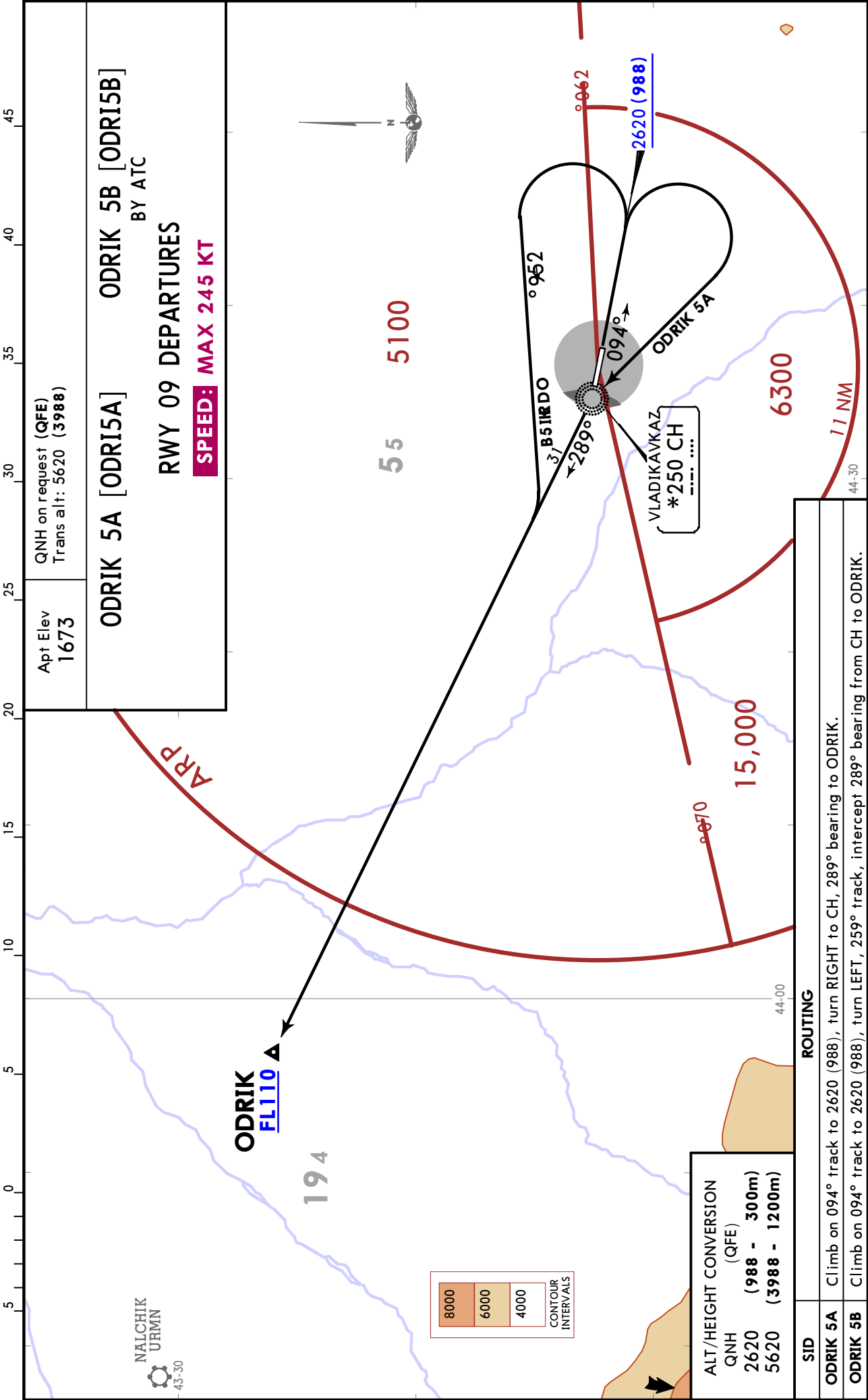
SID	ROUTING
GORAK 5C	Climb on 274° track to 2660 (987), turn RIGHT, 094° track, intercept 045° bearing from CH to GORAK.
GORAK 5D	Climb on 274° track to 2660 (987), turn LEFT to CH, 045° bearing to GORAK.

URMO/OGZ
BESLAN

JEPPESSEN
22 DEC 17 10-3K Eff 4 Jan

VLADIKAVKAZ, RUSSIA

SID

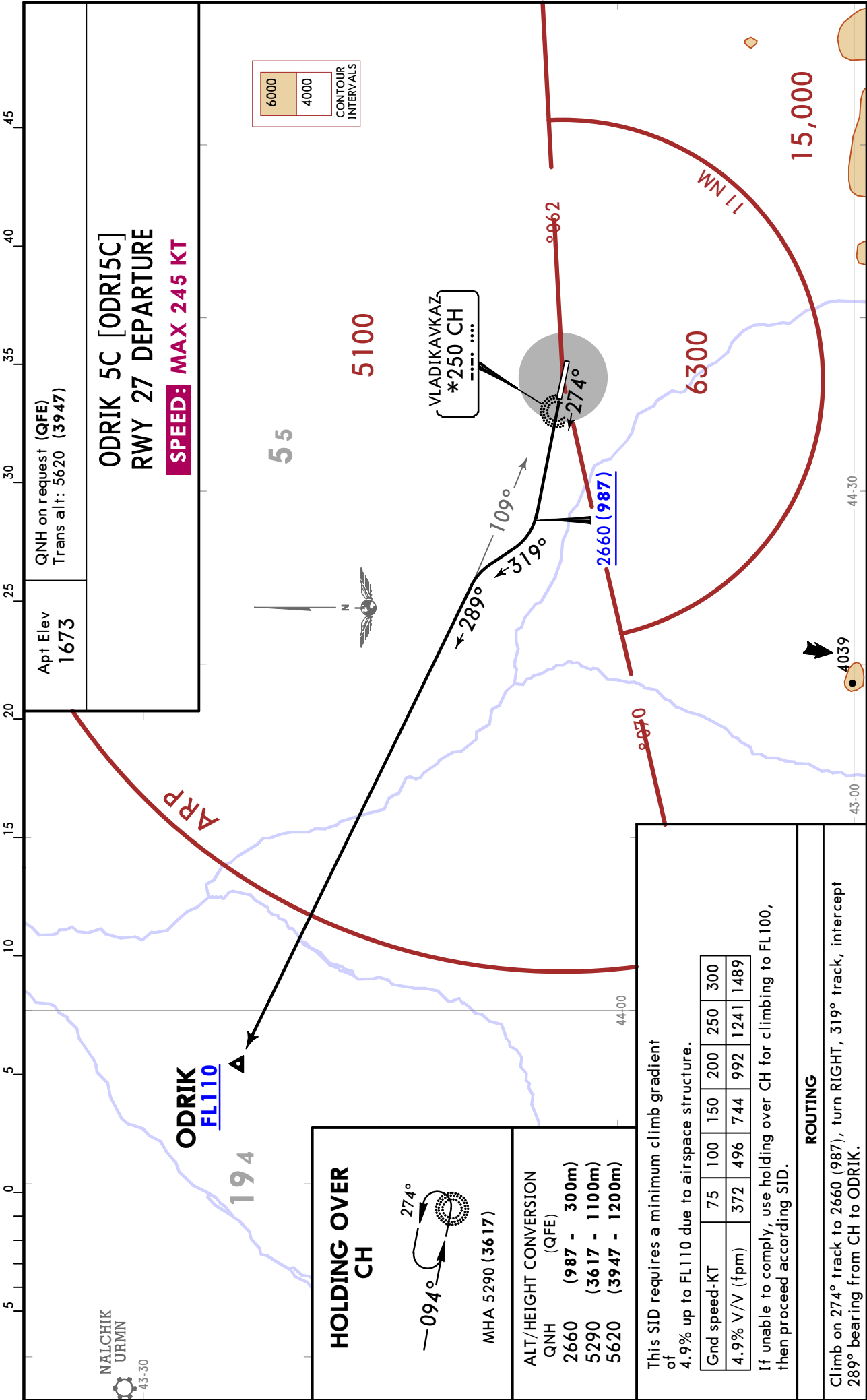


URMO/OGZ
BESLAN

JEPPESSEN
22 DEC 17 10-3L Eff 4 Jan

VLADIKAVKAZ, RUSSIA

SID



URMO/OGZ
BESLAN

JEPPESEN
29 DEC 17 10-4 Eff 4 Jan

VLADIKAVKAZ, RUSSIA
NOISE

NOISE ABATEMENT

LOCAL TIME - 3 = UTC (Z)

GENERAL

The execution of noise abatement procedures shall not be carried out at the expense of reduction of flight safety level.

ARRIVALS

During instrument and visual approach, flying below ILS glide path is not allowed.

DEPARTURES

RWY 09

After take-off the initial turn commencement is at 2620' (988'). Climbing shall be carried out with maximum possible climb gradient.

After reaching 2620' (988'), RIGHT turn shall be carried out at once on 274° heading with further climbing to 4590' (2958'). Then joining the corridors shall be carried out by controller's instruction.

RWY 27

After take-off the initial turn commencement is at 2660' (987'). Climbing shall be carried out with maximum possible climb gradient.

After reaching 2660' (987'), LEFT turn shall be carried out at once on 094° heading with further climbing to 4630' (2957'). Then joining the corridors shall be carried out by controller's instruction.

RUN-UP TEST

Between 2200-0700LT engine run-up at above idle thrust is prohibited.

URMO/OGZ

Apt Elev 1673'
N43 12.3 E044 36.4



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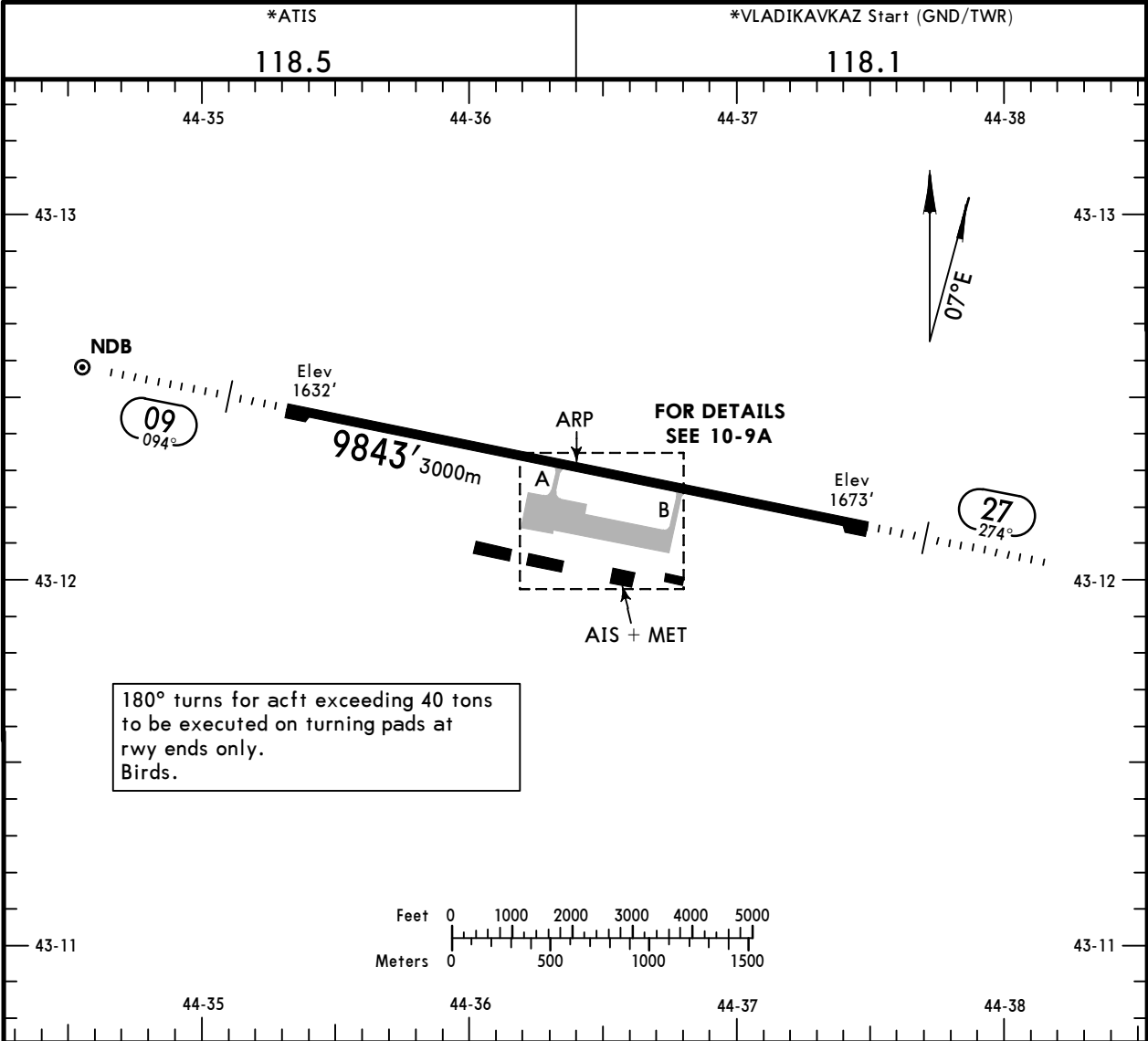
VLADIKAVKAZ, RUSSIA

22 DEC 17

10-9

Eff 4 Jan

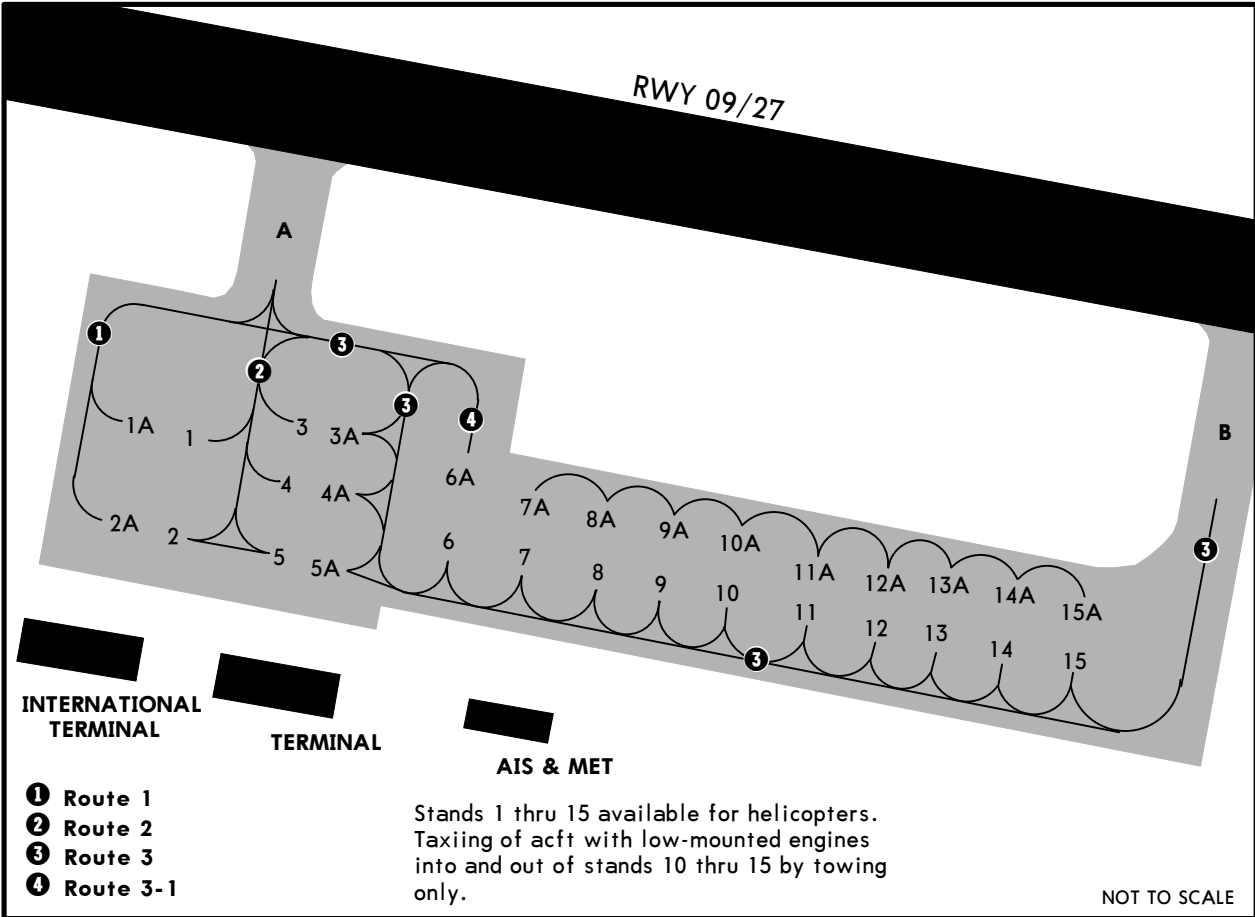
BESLAN



ADDITIONAL RUNWAY INFORMATION					
			USABLE LENGTHS		
			LANDING BEYOND	TAKE-OFF	
09	27	HIRL (60m) HIALS PAPI-L (3.0°)	Threshold	Glide Slope	148' 45m

TAKE-OFF	
AIR CARRIER (JAA)	
All Rwys	
LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	
B	250m
C	
D	300m

URMO/OGZ



INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
1	N43 12.2 E044 36.3	9	N43 12.1 E044 36.5
1A	N43 12.2 E044 36.2	9A	N43 12.2 E044 36.5
2	N43 12.2 E044 36.3	10	N43 12.1 E044 36.5
2A	N43 12.2 E044 36.2	10A	N43 12.2 E044 36.5
3 thru 5	N43 12.2 E044 36.3	11 thru 13A	N43 12.1 E044 36.6
5A	N43 12.1 E044 36.3	14 thru 15A	N43 12.1 E044 36.7
6, 7	N43 12.1 E044 36.4		
7A	N43 12.2 E044 36.4		
8	N43 12.1 E044 36.5		
8A	N43 12.2 E044 36.5		

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JEPPesen
 27 APR 18 **10-9S**
Standard
VLADIKAVKAZ, RUSSIA
BESLAN

STRAIGHT-IN RWY		A	B	C	D
09	ILS Z or Y FULL ALS out	1832' (200') ① R550m R1200m	1832' (200') ① R550m R1200m	1832' (200') ① R550m R1200m	1832' (200') ① R550m R1200m
	GLS FULL ALS out	1832' (200') ① R550m R1200m	1832' (200') ① R550m R1200m	1832' (200') ① R550m R1200m	1832' (200') ① R550m R1200m
	② LOC ALS out	1930' (298') R750m R1400m	1930' (298') R750m R1400m	1930' (298') R750m R1400m	1930' (298') R750m R1400m
	RNAV (GNSS) LNAV/VNAV ALS out	1980' (348') R900m R1500m	1980' (348') R900m R1500m	1980' (348') R900m R1600m	1980' (348') R900m R1600m
	② RNAV (GNSS) LNAV ALS out	2000' (368') R1000m R1500m	2000' (368') R1000m R1500m	2000' (368') R1000m R1700m	2000' (368') R1000m R1700m
	② NDB with FAF & SDF ALS out	1990' (358') R900m R1500m	1990' (358') R900m R1500m	1990' (358') R900m R1600m	1990' (358') R900m R1600m
	② NDB with FAF ALS out	2020' (388') R1100m R1500m	2020' (388') R1100m R1500m	2020' (388') R1100m R1800m	2020' (388') R1100m R1800m
	NDB w/o FAF ALS out	2800' (1168') R4800m R5000m	2800' (1168') R4800m R5000m	2800' (1168') R5000m R5000m	2800' (1168') R5000m R5000m
27	ILS Z, Y, X or W FULL ALS out	1873' (200') ① R550m R1200m	1873' (200') ① R550m R1200m	1873' (200') ① R550m R1200m	1873' (200') ① R550m R1200m
	GLS Z or Y FULL ALS out	1873' (200') ① R550m R1200m	1873' (200') ① R550m R1200m	1873' (200') ① R550m R1200m	1873' (200') ① R550m R1200m
	② LOC with SDF ALS out	1970' (297') R750m R1400m	1970' (297') R750m R1400m	1970' (297') R750m R1400m	1970' (297') R750m R1400m
	② LOC w/o SDF ALS out	2170' (497') R1500m R1500m	2170' (497') R1500m R1500m	2170' (497') R1500m R2300m	2170' (497') R1500m R2300m
	③ LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	RNAV (GNSS) Z or Y LNAV/VNAV ALS out	1959' (286') R750m R1400m	1959' (286') R750m R1400m	1959' (286') R750m R1400m	1959' (286') R750m R1400m
	② RNAV (GNSS) Z or Y LNAV ALS out	1980' (307') R750m R1400m	1980' (307') R750m R1400m	1980' (307') R750m R1400m	1980' (307') R750m R1400m
	② NDB with SDF ALS out	2030' (357') R900m R1500m	2030' (357') R900m R1500m	2030' (357') R900m R1600m	2030' (357') R900m R1600m
	② NDB w/o SDF ALS out	2320' (647') R1500m R1500m	2320' (647') R1500m R1500m	2320' (647') R2300m R2400m	2320' (647') R2300m R2400m

① W/o HUD/AP/FD: RVR 750m.**②** Continuous Descent Final Approach.**③** After ILS X or W.

URMO/OGZ



Standard
VLADIKAVKAZ, RUSSIA
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CIRCLE-TO-LAND ❶	100 KT	135 KT	180 KT	205 KT
❷ After apch to rwy 09	2210'(578')	2210'(578')	2330'(698')	2560'(928')
After apch to rwy 27	2250'(577')	2250'(577')	2370'(697')	2600'(927')
	V1500m❸	V1600m❸	V2400m❸	V3600m

- ❶ After RNAV approaches: NOT APPLICABLE.
- ❷ Circling height based on rwy 09 thresh elev of 1632'.
- ❸ or higher minimums of preceding straight-in approach.

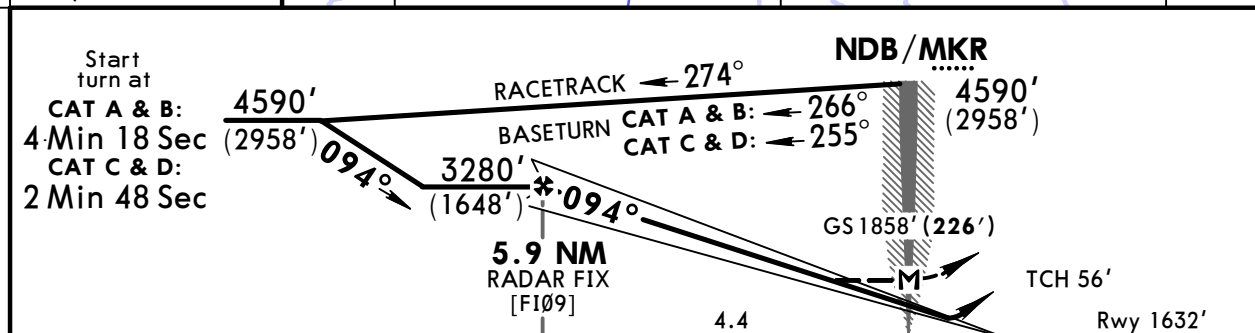
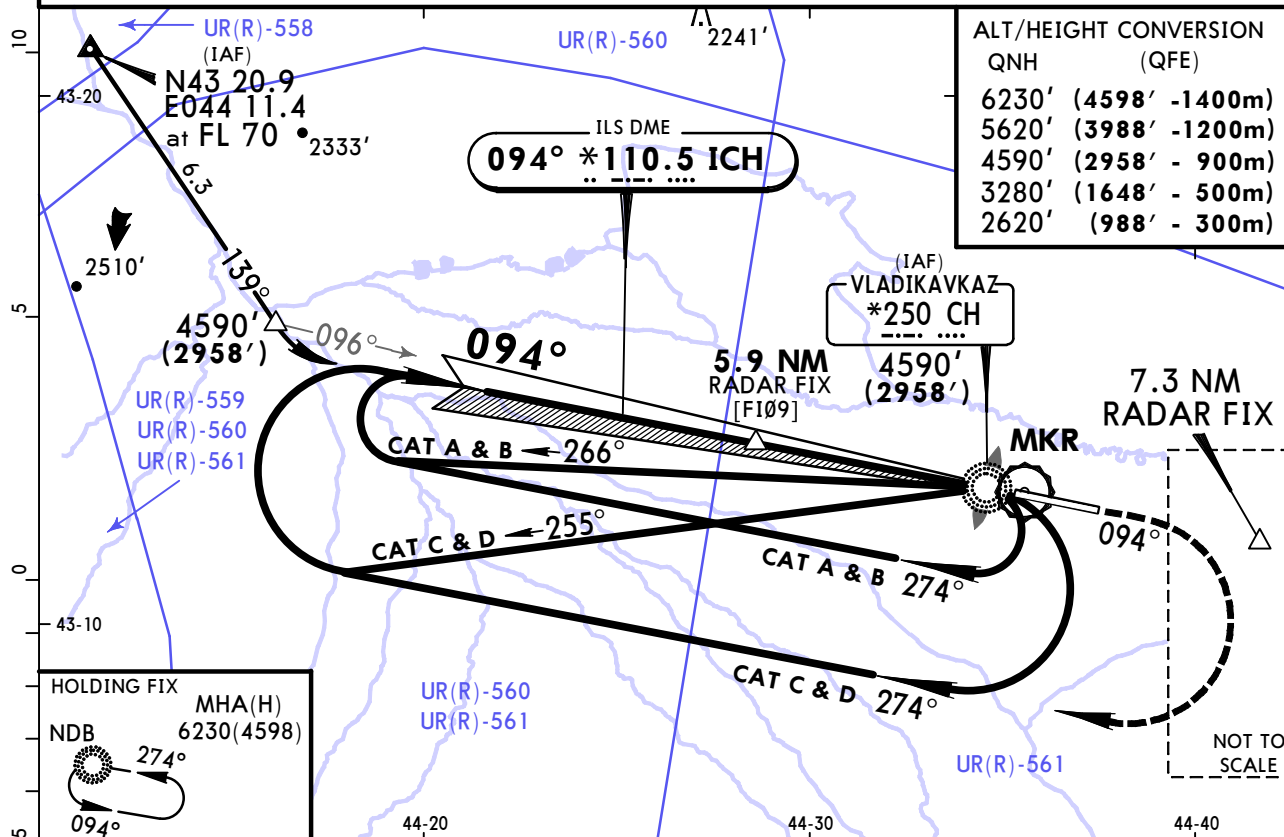
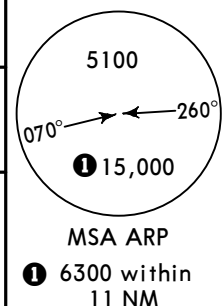
TAKE-OFF		
	Low Visibility Take-off	
	Day: RL & RCLM Night: RL	Day: RL or RCLM Night: RL
A		Adequate vis ref (Day only)
B		
C	R300m	400m
D		500m

URMO/OGZ
BESLAN

JEPPesen
22 DEC 17 **(11-1)** Eff 4 Jan

VLADIKAVKAZ, RUSSIA
ILS Z Rwy 09

*ATIS	*VLADIKAVKAZ Krug (R)	*VLADIKAVKAZ Start (TWR)	*Ground
118.5	121.2	118.1	118.1
LOC ICH	Final Apch Crs	GS NDB/MKR	ILS DA(H)
*110.5	094°	1858' (226')	1832' (200')
Apt Elev 1673'			Rwy 1632'
MISSED APCH: Climb to 2620' (988'), but not further than 7.3 NM RADAR FIX, then turn RIGHT onto 274° climbing to 4590' (2958'), then according to chart.			
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 70
Procedure restricted to MAX 225 KT.		Trans alt: 5620' (3988')	



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or LOC Descent Angle 3.00°	372	478	531	637	743	849
MAP at NDB/MKR						

STRAIGHT-IN LANDING RWY 09				CIRCLE-TO-LAND 1	
ILS		LOC (GS out)			
DA(H) 1832' (200')		MDA(H) 1930' (298')			
FULL	ALS out		ALS out	Max Kts	MDA(H)
A				100	2210' (578') 1600m
B	800m	1200m	800m	135	
C			1600m	180	2330' (698') 3200m
D			1200m	205	2560' (928') 4800m

1 Circling height based on rwy 09 thresh elev of 1632'.

CHANGES: New procedure.

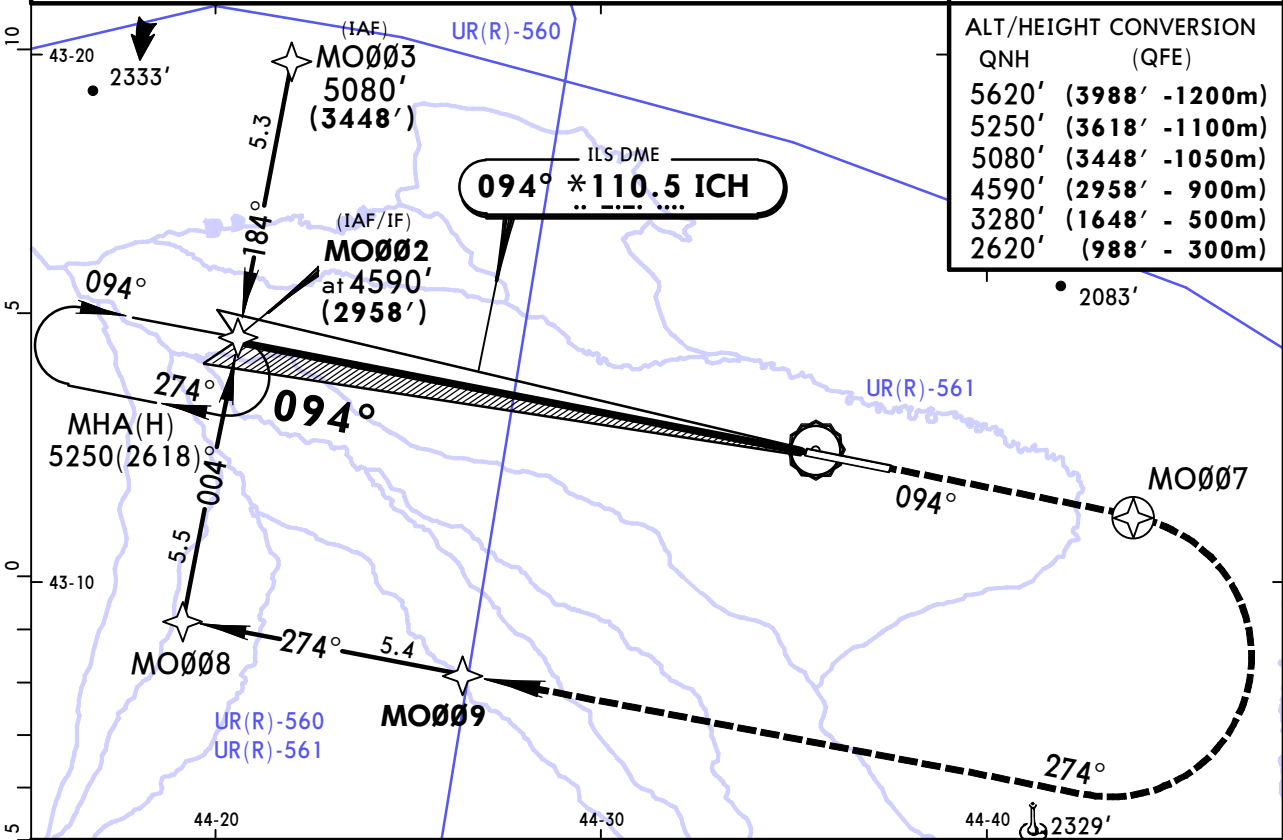
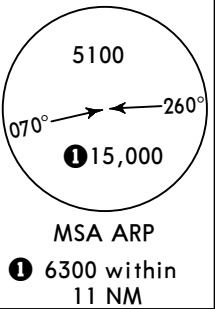
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BESLAN

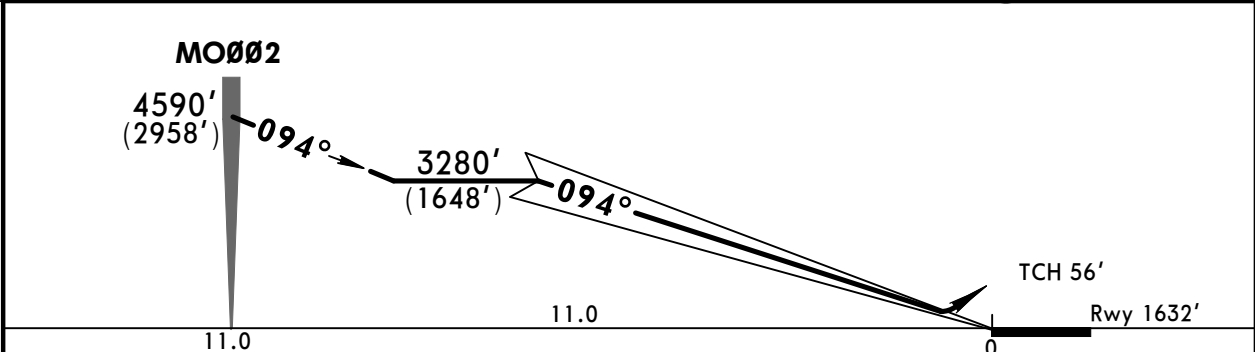
JEPPESEN
22 DEC 17 11-2 Eff 4 Jan

VLADIKAVKAZ, RUSSIA
ILS Y Rwy 09

*ATIS	*VLADIKAVKAZ Krug (R)	*VLADIKAVKAZ Start (TWR)	*Ground
118.5	121.2	118.1	118.1
LOC ICH *110.5	Final Apch Crs 094°	GS No ALT published	ILS DA(H) 1832' (200')
Apt Elev 1673' Rwy 1632'			
MISSED APCH: Climb to 2620' (988') or above to MO007, then turn RIGHT to MO009 climbing to 4590' (2958'), then according to chart.			
Alt Set: MM (hPa on req) RNAV 1 required.		QNH on req (QFE)	Trans level: FL 70
		Trans alt: 5620' (3988')	



ALT/HEIGHT CONVERSION	QNH	(QFE)
5620'	(3988' - 1200m)	
5250'	(3618' - 1100m)	
5080'	(3448' - 1050m)	
4590'	(2958' - 900m)	
3280'	(1648' - 500m)	
2620'	(988' - 300m)	

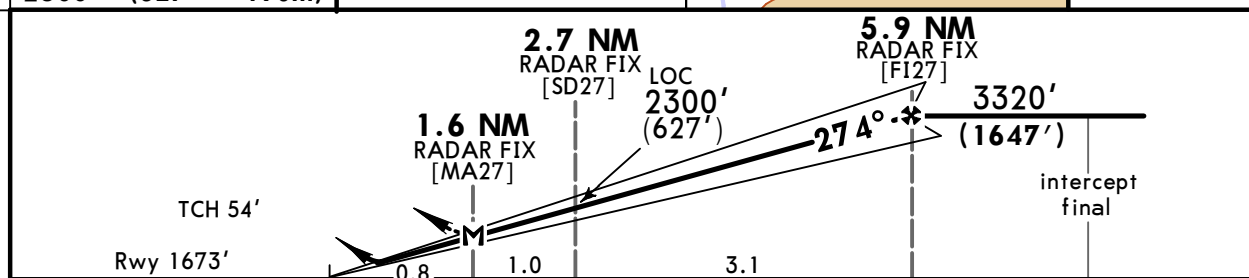
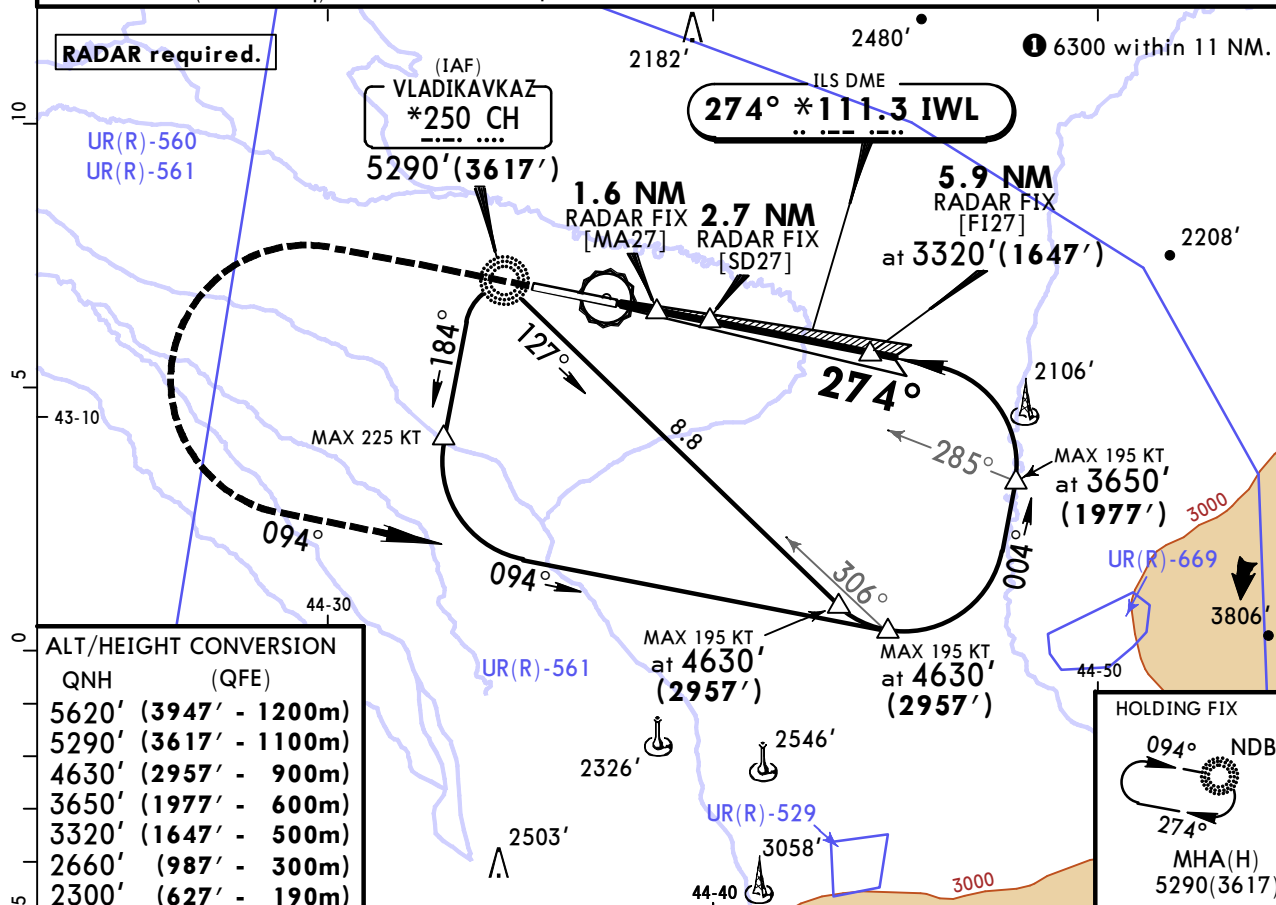


Gnd speed-Kts	70	90	100	120	140	160		HIALS	MIM	
GS	3.00°	372	478	531	637	743	849	PAPI	2620' (988')	MO007

STRAIGHT-IN LANDING RWY 09				CIRCLE-TO-LAND 1	
ILS		LOC (GS out)			
DA(H) 1832' (200')					
FULL		ALS out			
A				Max Kts	MDA(H)
B	800m	1200m	NOT AUTHORIZED	100	2210' (578') 1600m
C				135	
D				180	2330' (698') 3200m
				205	2560' (928') 4800m

VLADIKAVKAZ, RUSSIA
ILS Z Rwy 27

*ATIS		*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground	
118.5		121.2		118.1		118.1	
LOC IWL *111.3	Final Apch Crs 274°	GS No alt published	ILS DA(H) 1873'(200')	Apt Elev 1673' Rwy 1673'			
MISSED APCH: Climb to 2660'(987'), then turn LEFT onto 094° climbing to 4630'(2957'), then according to chart.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70		Trans alt: 5620'(3947')	



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or LOC Descent Angle 3.00°	372	478	531	637	743	849
MAP at 1.6 NM						

HIALS PAPI	2660' (987')	094° LT	4630' (2957')
-------------------	-----------------	----------------	------------------

MAX ALT (ft)		STRAIGHT-IN LANDING RWY 27						CIRCLE-TO-LAND	
		ILS		LOC (GS out)					
		with SDF		w/o SDF					
		DA(H)	1873'(200')	MDA(H)	1970'(297')	MDA(H)	2170'(497')		
FULL		ALS out				ALS out		Max Kts	MDA(H)
A	800m	1200m	800m	1600m	1800m	2600m	100	2250'(577')	1600m
B							135		
C							180		
D			205				2370'(697')		
			1200m					2600'(927')	4800m

1 or higher straight-in minimums.

CHANGES: New procedure.

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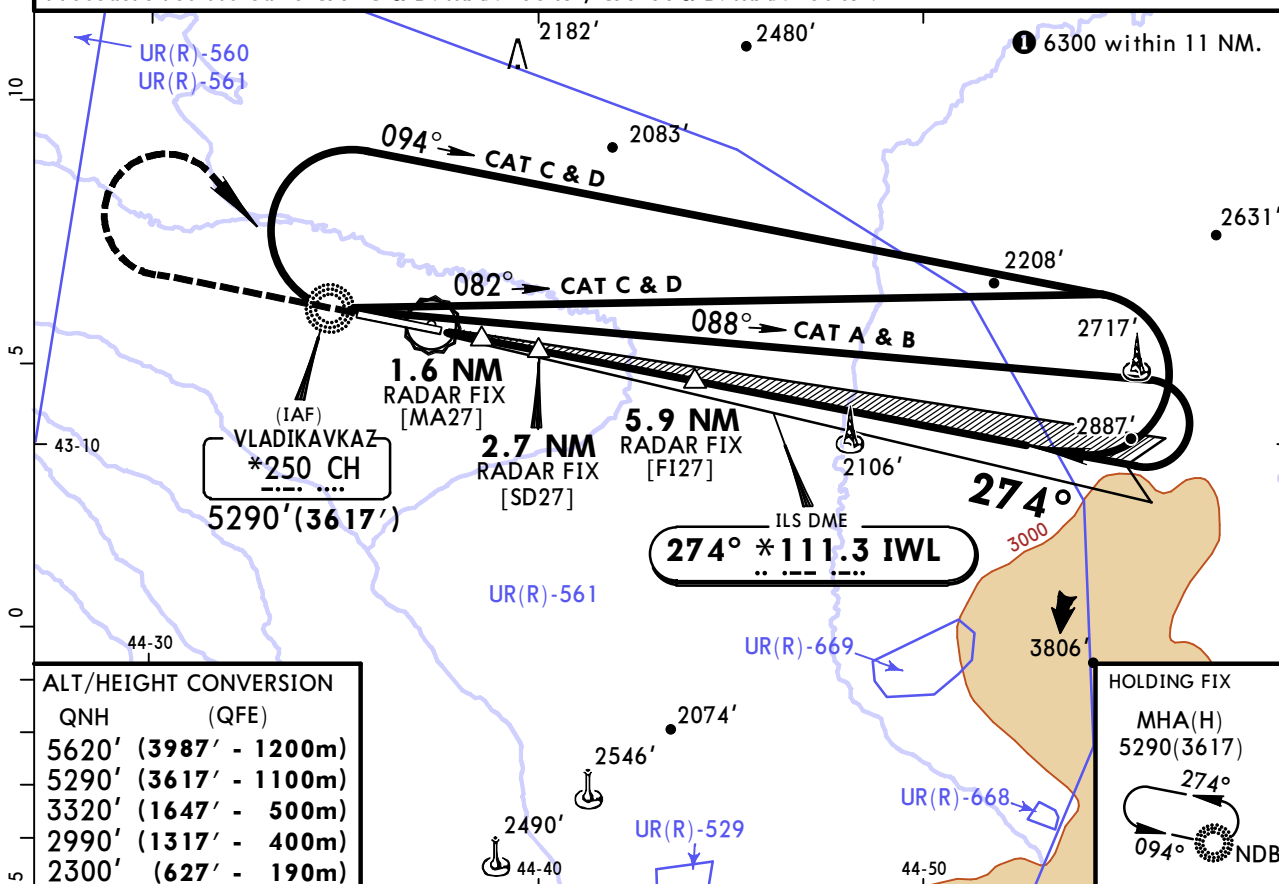
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22 DEC 17 **(11-4)** Eff 4 Jan

VLADIKAVKAZ, RUSSIA
ILS Y Rwy 27

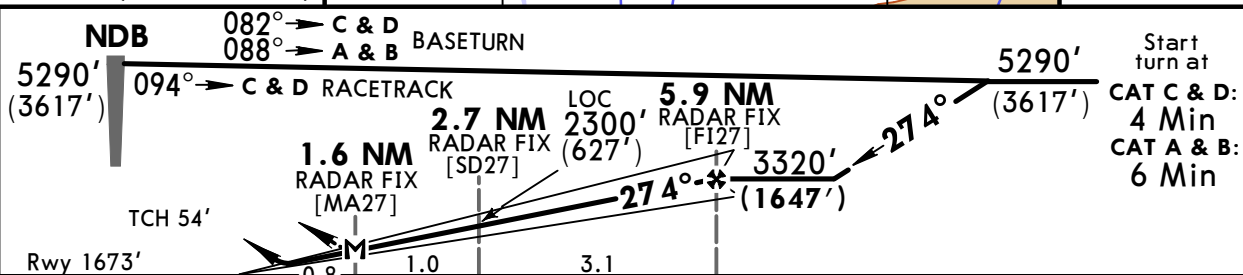
*ATIS	*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground
118.5	121.2		118.1		118.1
LOC IWL *111.3	Final Apch Crs 274°	GS No alt published	ILS DA(H) 1873'(200')	Apt Elev 1673' Rwy 1673'	5100 070° → ← 260° 15,000
MISSED APCH: Climb to 2990'(1317'), then turn RIGHT to NDB climbing to 5290'(3617'), then according to chart.					MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5620' (3947')
Procedure restricted to CAT C & D: MAX 195 KT, CAT A & B: MAX 130 KT.



ALT/HEIGHT CONVERSION

QNH	(QFE)
5620' (3987' - 1200m)	
5290' (3617' - 1100m)	
3320' (1647' - 500m)	
2990' (1317' - 400m)	
2300' (627' - 190m)	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	2990' (1317')	CH 250	5290' (3617')
ILS GS or	3.00°	372	478	531	637	743	PAPI			
LOC Descent Angle										
MAP at 1.6 NM RADAR FIX										

STRAIGHT-IN LANDING RWY 27						CIRCLE-TO-LAND			
ILS		LOC (GS out)		with SDF		w/o SDF		Max Kts	
DA(H)	1873'(200')	MDA(H)	1970'(297')	MDA(H)	2170'(497')	MDA(H)			
FULL	ALS out	ALS out	ALS out	ALS out	ALS out	ALS out			
A							100	2250'(577')	1600m
B			800m				135		
C	800m	1200m		1600m	1800m	2600m	180	2370'(697')	3200m
D			1200m				205	2600'(927')	4800m

1 or higher straight-in minimums.

CHANGES: New procedure.

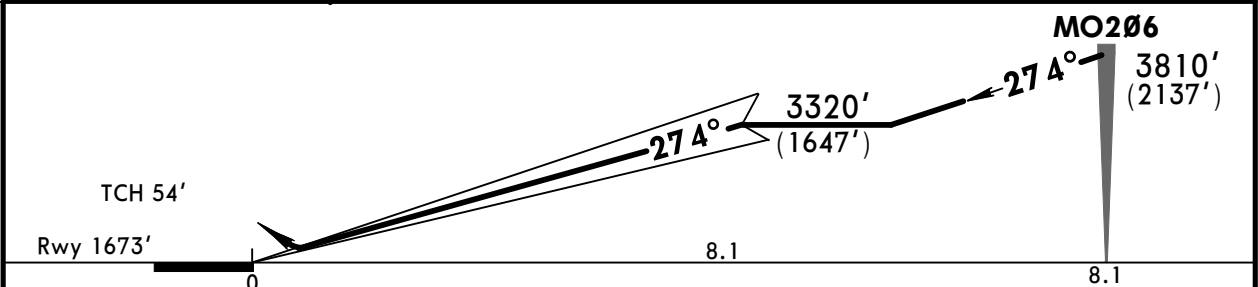
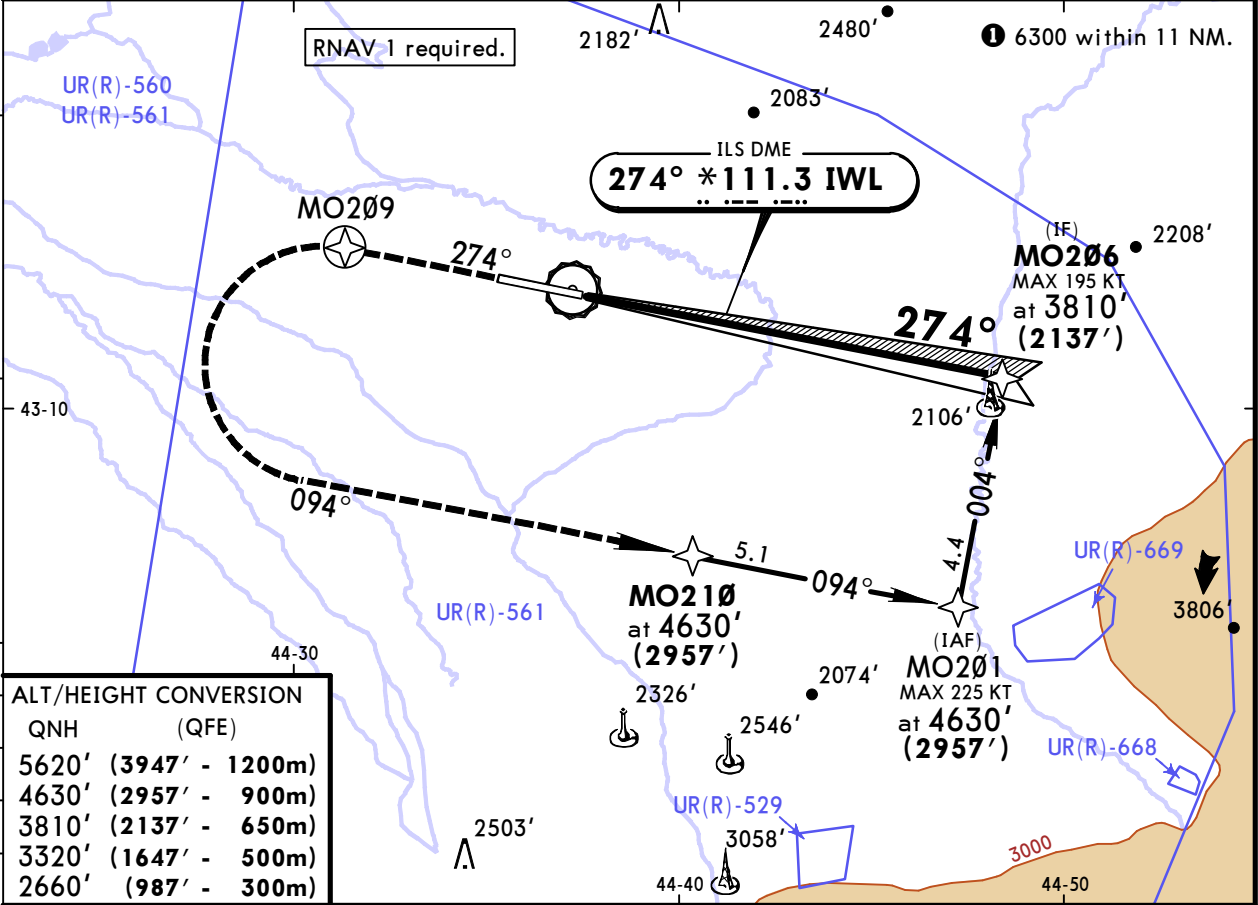
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JEPPESEN
22 DEC 17 (11-5) Eff 4 Jan

VLADIKAVKAZ, RUSSIA
ILS X Rwy 27

*ATIS 118.5		*VLADIKAVKAZ Krug (R) 121.2		*VLADIKAVKAZ Start (TWR) 118.1		*Ground 118.1
LOC IWL *111.3	Final Apch Crs 274°	GS No alt published	ILS DA(H) 1873'(200')	Apt Elev 1673' Rwy 1673'		5100 070° ← 260° ① 15,000 MSA ARP
MISSED APCH: Climb to 2660'(987') or above to MO209, then turn LEFT to MO210 climbing to 4630'(2957'), then according to chart.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70		
Trans alt: 5620'(3947')						



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIM 2660' (987') ↑	MO209
GS 3.00°	372	478	531	637	743	849			

STRAIGHT-IN LANDING RWY 27				CIRCLE-TO-LAND			
ILS		LOC (GS out)		Max Kts		MDA(H)	
DA(H) 1873'(200')							
FULL		ALS out					
A	800m	1200m	NOT AUTHORIZED	100	2250'(577')		1600m
B				135			
C				180	2370'(697')		3200m
D				205	2600'(927')		4800m

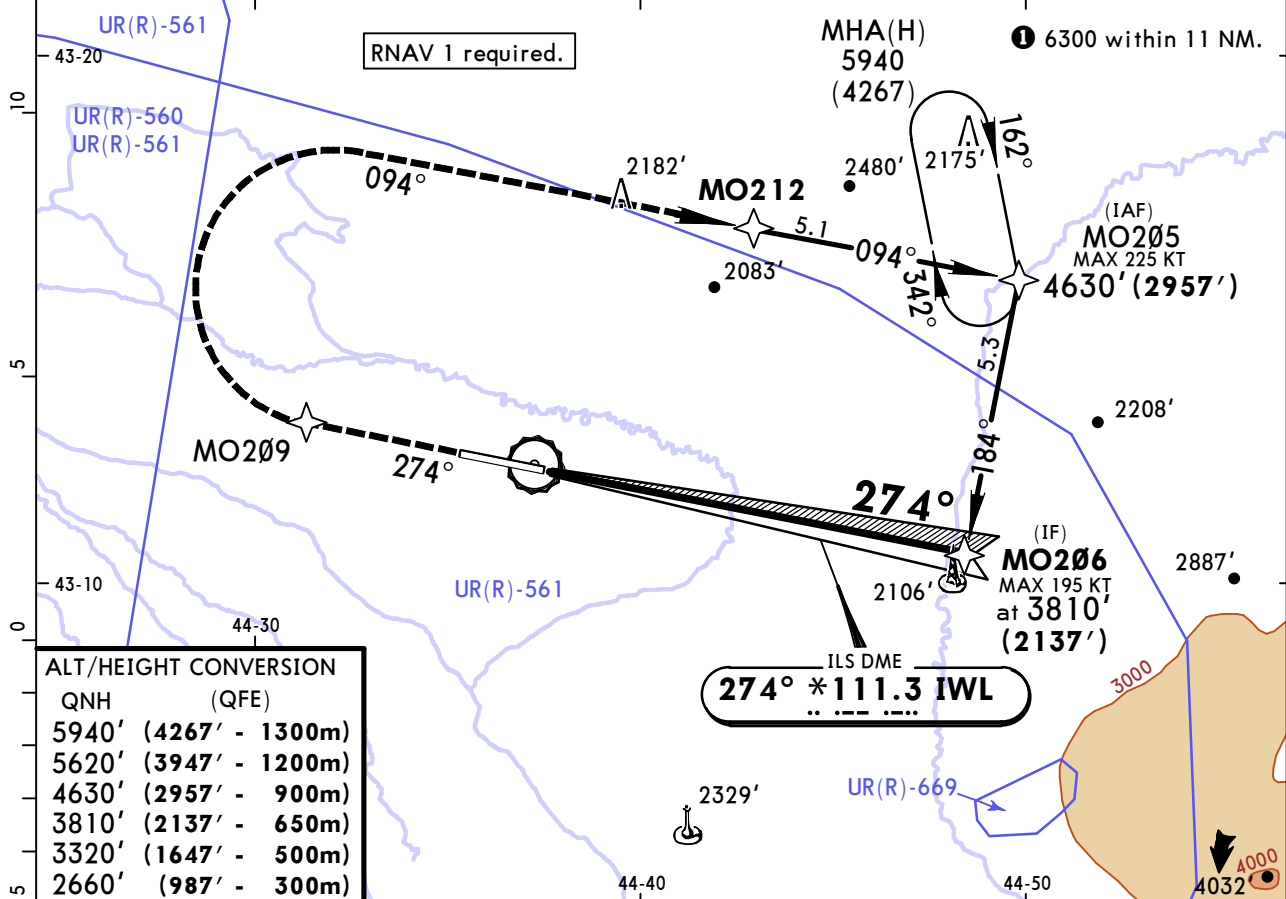
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JEPPESEN
22 DEC 17 **11-6** Eff 4 Jan

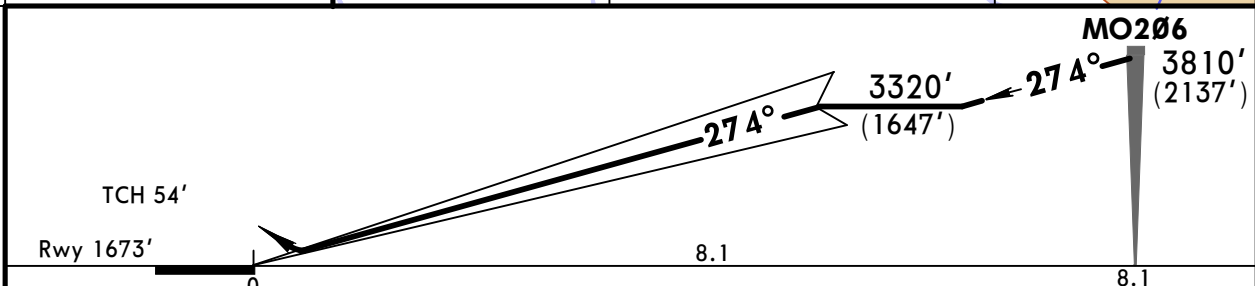
VLADIKAVKAZ, RUSSIA
ILS W Rwy 27

BRIEFING STRIP™

*ATIS 118.5		*VLADIKAVKAZ (R) 121.2		*VLADIKAVKAZ Start (TWR) 118.1		*Ground 118.1	
LOC IWL *111.3	Final Apch Crs 274°	GS No alt published	ILS DA(H) 1873'(200')	Apt Elev 1673' Rwy 1673'		5100 070°↗↖260° ① 15,000 MSA ARP	
MISSED APCH: Climb to 2660'(987') or above to MO209, then turn RIGHT to MO212 climbing to 4630'(2957'), then according to chart.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70		Trans alt: 5620'(3947')	



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5940'	(4267' - 1300m)
5620'	(3947' - 1200m)
4630'	(2957' - 900m)
3810'	(2137' - 650m)
3320'	(1647' - 500m)
2660'	(987' - 300m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPIT	MIM 2660' (987')	MO209
GS	3.00°	372	478	531	637	743			

STRAIGHT-IN LANDING RWY 27				CIRCLE-TO-LAND			
ILS		LOC (GS out)		Max Kts		MDA(H)	
DA(H) 1873'(200')							
FULL		ALS out					
A	800m	1200m	NOT AUTHORIZED	100	2250'(577')		1600m
B				135			
C				180	2370'(697')		3200m
D				205	2600'(927')		4800m

CHANGES: New procedure.

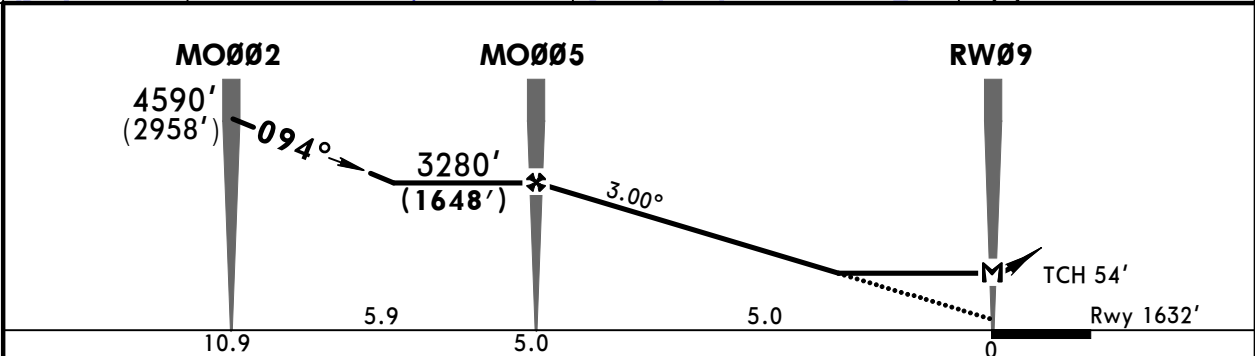
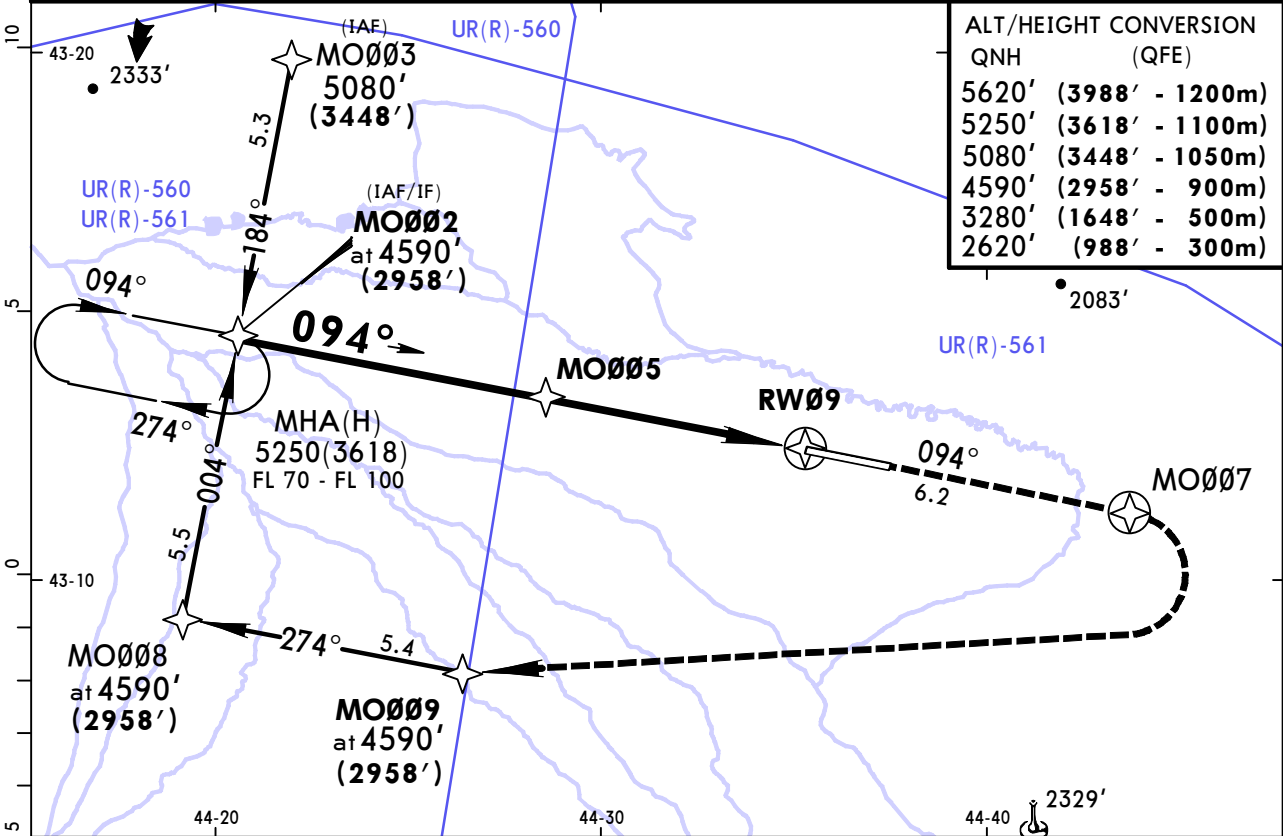
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JEPPESEN
23 MAR 18 (12-1) Eff 29 Mar

VLADIKAVKAZ, RUSSIA
RNAV (GNSS) Rwy 09

*ATIS	*VLADIKAVKAZ Krug (R)	*VLADIKAVKAZ Start (TWR)	*Ground	
118.5	121.2	118.1	118.1	
RNAV	Final Apch Crs 094°	Minimum Alt MO005 3280'(1648')	LNAV/VNAV DA(H) 1980'(348') Apt Elev 1673' Rwy 1632'	
MISSED APCH: Climb to 2620'(988') or above to MO007, then turn RIGHT to MO009 climbing to 4590'(2958'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 1. RNP apch. 2. Baro-VANV not authorized below -20 °C.				Trans alt: 5620' (3988')



Gnd speed-Kts	70	90	100	120	140	160		MO007
Descent Angle	3.00°	372	478	531	637	743		
MAP at RW09								

STRAIGHT-IN LANDING RWY 09					
LNAV/VNAV		LNAV			
DA(H) 1980'(348')		MDA(H) 2000'(368')			
ALS out		ALS out			
A					
B	800m	1200m	800m	1600m	
C					
D			1600m	2000m	

CHANGES: Missed apch. Holding.

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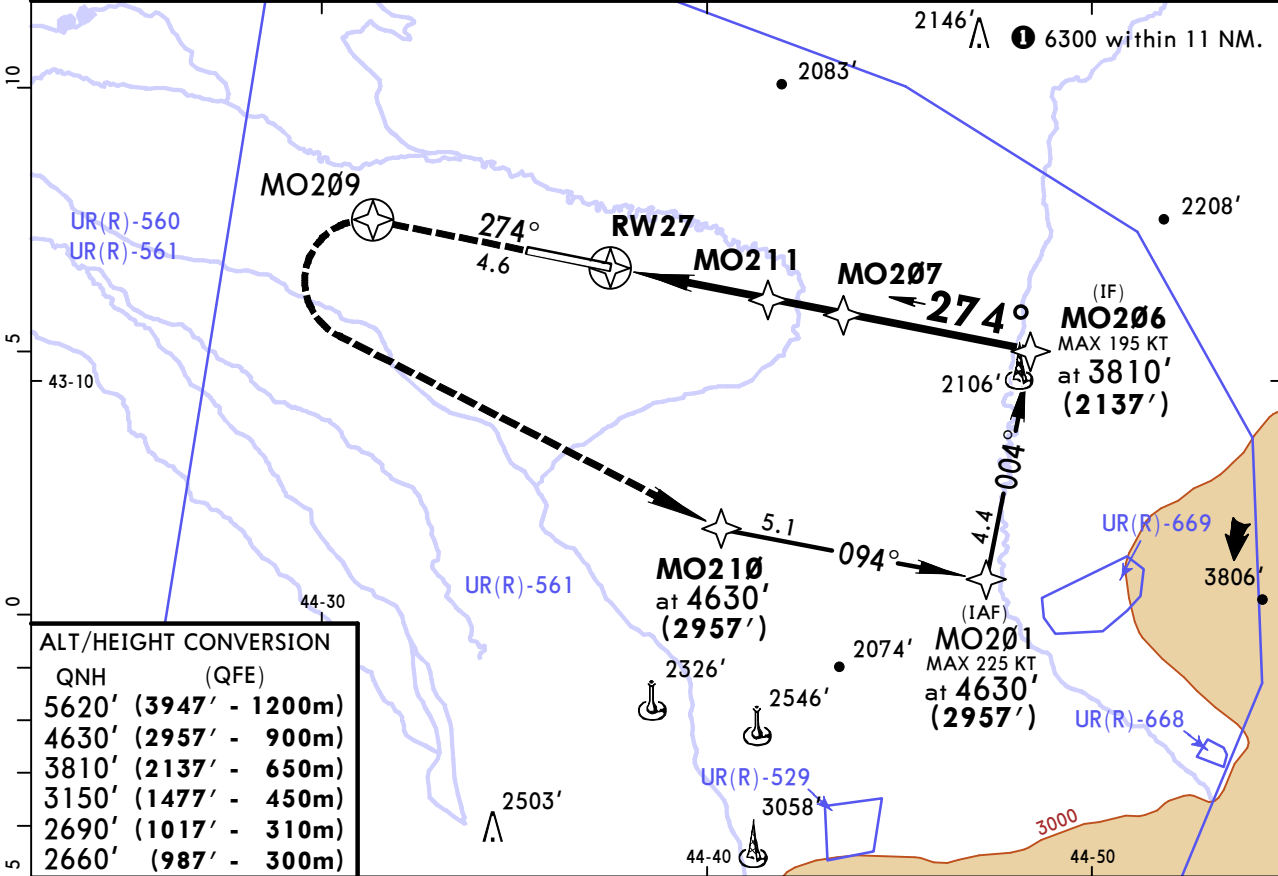
URMO/OGZ
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JEPPESSEN
23 MAR 18
Eff 29 Mar (12-2)

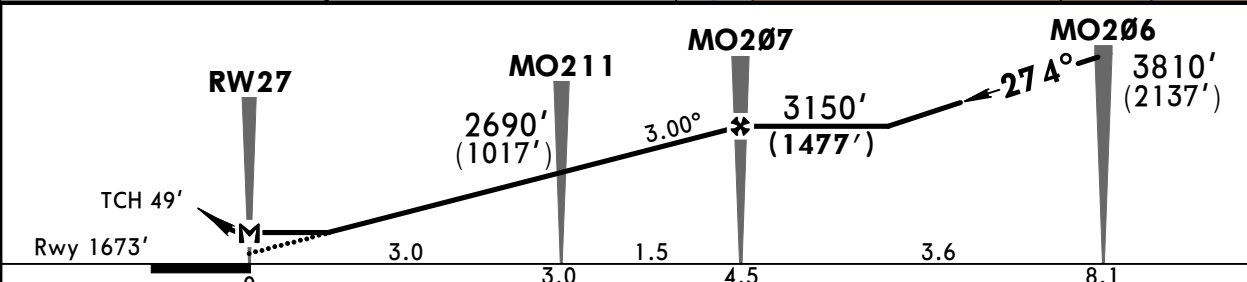
VLADIKAVKAZ, RUSSIA
RNAV (GNSS) Z Rwy 27

BRIEFING STRIP™

*ATIS		*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground	
118.5		121.2		118.1		118.1	
RNAV	Final Apch Crs 274°	Minimum Alt MO207 3150'(1477')	LNAV/VNAV DA(H) 1959'(286')	Apt Elev 1673' Rwy 1673'		5100 070° ← → 260° 1 15,000 MSA ARP	
MISSED APCH: Climb to 2660'(987') or above to MO209, then turn LEFT to MO210 climbing to 4630'(2957'), then according to chart.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5620'(3947')							
1. RNP apch. 2. Baro-VNAV not authorized below -20°C.							



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5620' (3947' - 1200m)	
4630' (2957' - 900m)	
3810' (2137' - 650m)	
3150' (1477' - 450m)	
2690' (1017' - 310m)	
2660' (987' - 300m)	



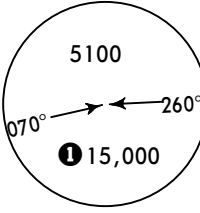
Gnd speed-Kts	70	90	100	120	140	160	HIALS		MIM	MO209
Descent Angle	3.00°	372	478	531	637	743	PAPI		2660' (987')	
MAP at RW27										

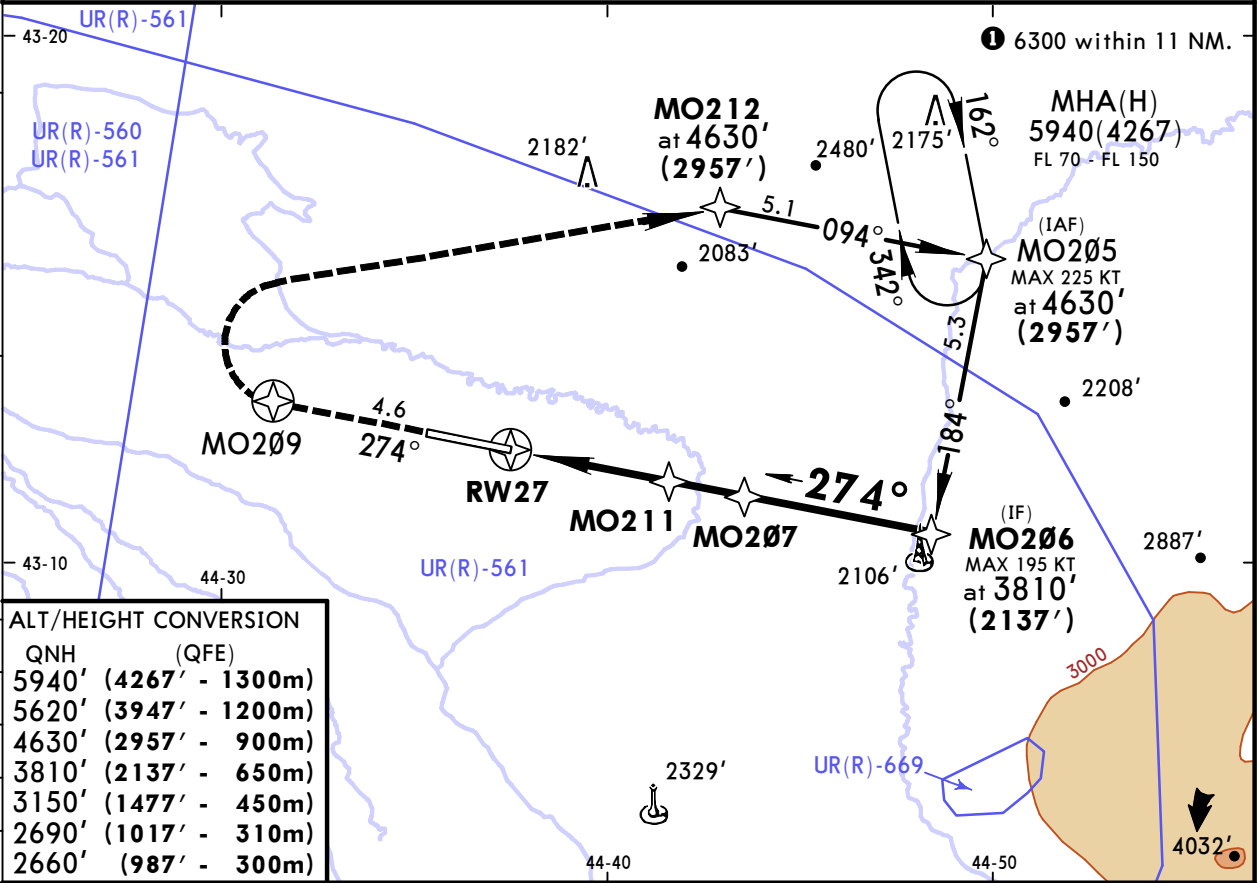
STRAIGHT-IN LANDING RWY 27					
LNAV/VNAV		LNAV			
DA(H) 1959' (286')		MDA(H) 1970' (297')			
ALS out		ALS out			
A					
B					
C	800m	1200m	800m	1600m	
D			1600m		

URMO/OGZ
BESLAN

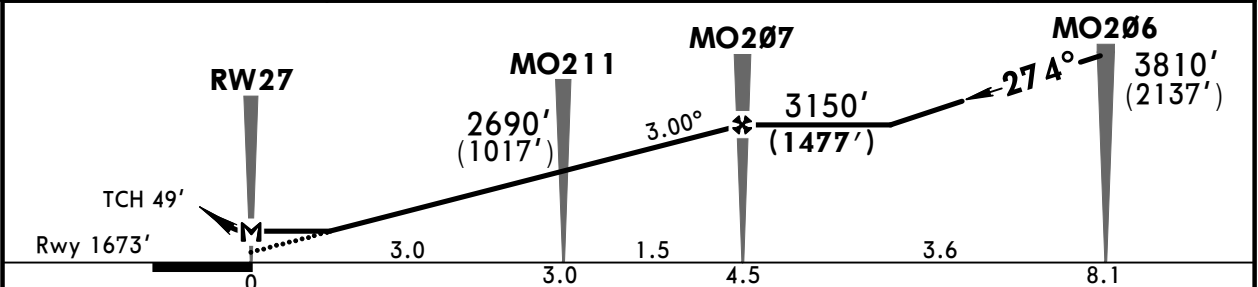
JEPPESSEN
23 MAR 18
Eff 29 Mar (12-3)

VLADIKAVKAZ, RUSSIA
RNAV (GNSS) Y Rwy 27

*ATIS		*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground	
118.5		121.2		118.1		118.1	
RNAV	Final Apch Crs 274°	Minimum Alt MO207 3150'(1477')	LNAV/VNAV DA(H) 1959'(286')	Apt Elev 1673' Rwy 1673'			
MISSED APCH: Climb to 2660'(987') or above to MO209, then turn RIGHT to MO212 climbing to 4630'(2957'), then according to chart.						MSA ARP	
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70		Trans alt: 5620'(3947')	
1. RNP apch. 2. Baro-VNAV not authorized below -20°C.							



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5940'	(4267' - 1300m)
5620'	(3947' - 1200m)
4630'	(2957' - 900m)
3810'	(2137' - 650m)
3150'	(1477' - 450m)
2690'	(1017' - 310m)
2660'	(987' - 300m)



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIM 2660' (987')	MO209
Descent Angle 3.00°	372	478	531	637	743	849			
MAP at RW27									

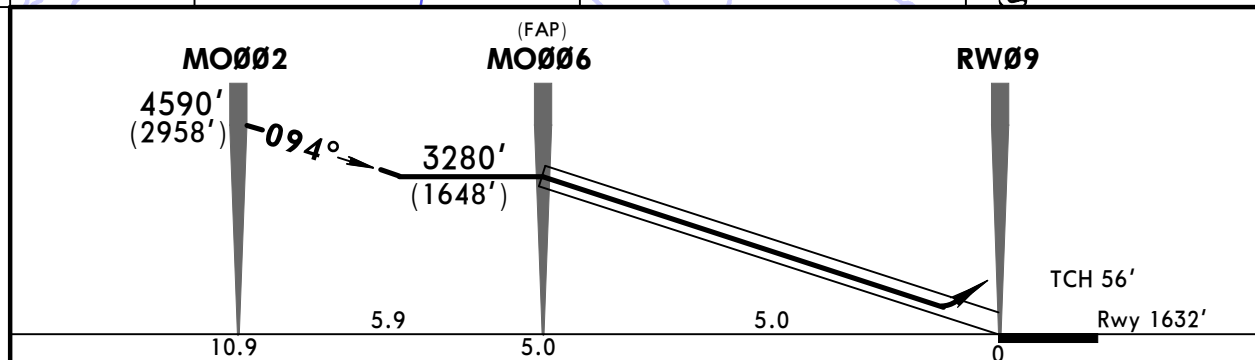
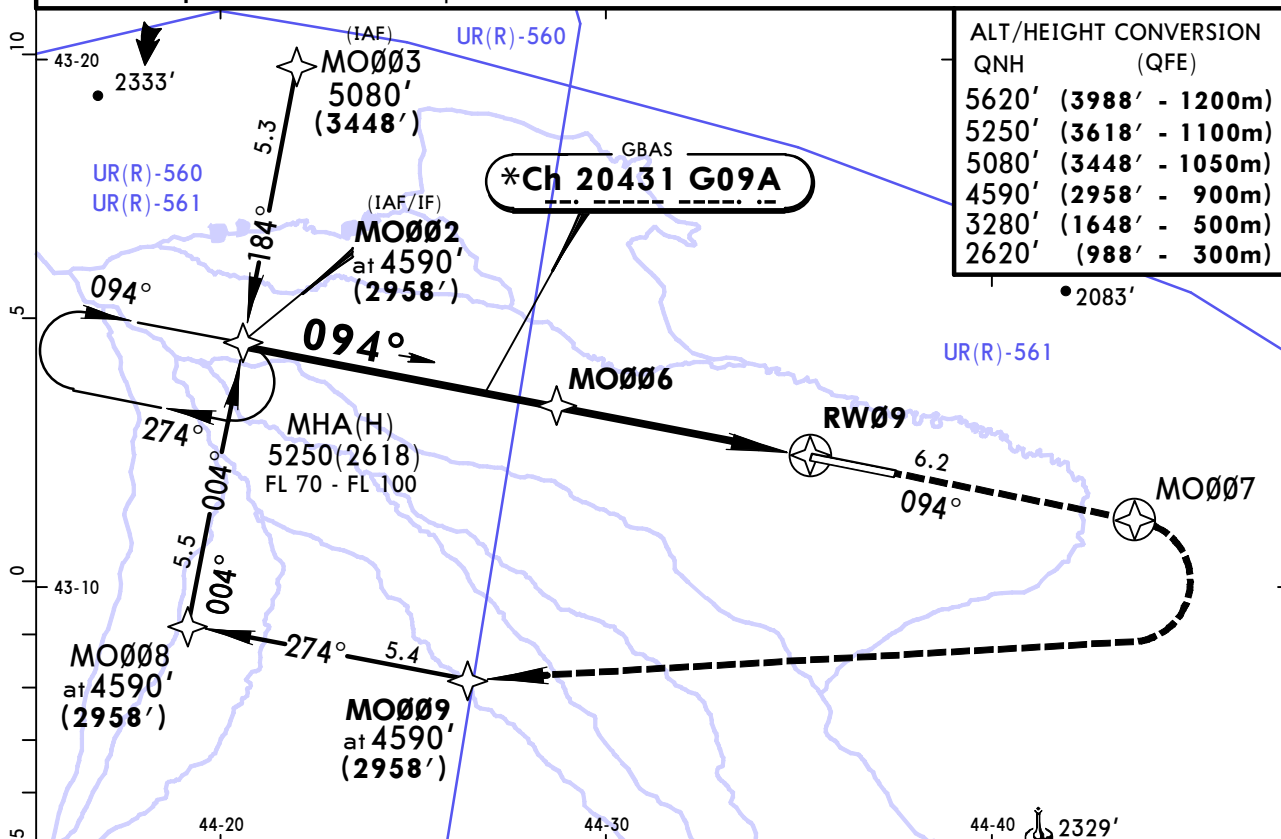
STRAIGHT-IN LANDING RWY 27						
LNAV/VNAV			LNAV			
DA(H) 1959'(286')			MDA(H) 1970'(297')			
		ALS out			ALS out	
A	800m	1200m	800m	1600m		
B						
C						
D			1600m			

URMO/OGZ
BESLAN

JEPPESEN
23 MAR 18 **12-40** **Eff 29 Mar**

VLADIKAVKAZ, RUSSIA
GLS Rwy 09

*ATIS	*VLADIKAVKAZ Krug (R)	*VLADIKAVKAZ Start (TWR)	*Ground	
118.5	121.2	118.1	118.1	
GBAS *CH 20431 G09A	Final Apch Crs 094°	Minimum Alt MO006 3280' (1648')	GLS DA(H) 1832' (200') Apt Elev 1673' Rwy 1632'	
MISSED APCH: Climb to 2620' (988') or above to MO007 , then turn RIGHT to MO009 climbing to 4590' (2958'), then according to chart.				
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70
1. GNSS required.		2. RNAV 1 required.		Trans alt: 5620' (3988')



Gnd speed-Kts	70	90	100	120	140	160			
Glide Path Angle 3.00°	372	478	531	637	743	849			

STRAIGHT-IN LANDING RWY 09				CIRCLE-TO-LAND 1			
DA(H) 1832' (200')							
FULL		ALS out		Max Kts	MDA(H)		
A				100	2210' (578') 1600m		
B	800m		1200m	135			
C				180	2330' (698') 3200m		
D				205	2560' (928') 4800m		

1 Circling height based on rwy 09 thresh elev of 1632'.

CHANGES: Missed apch. Holding.

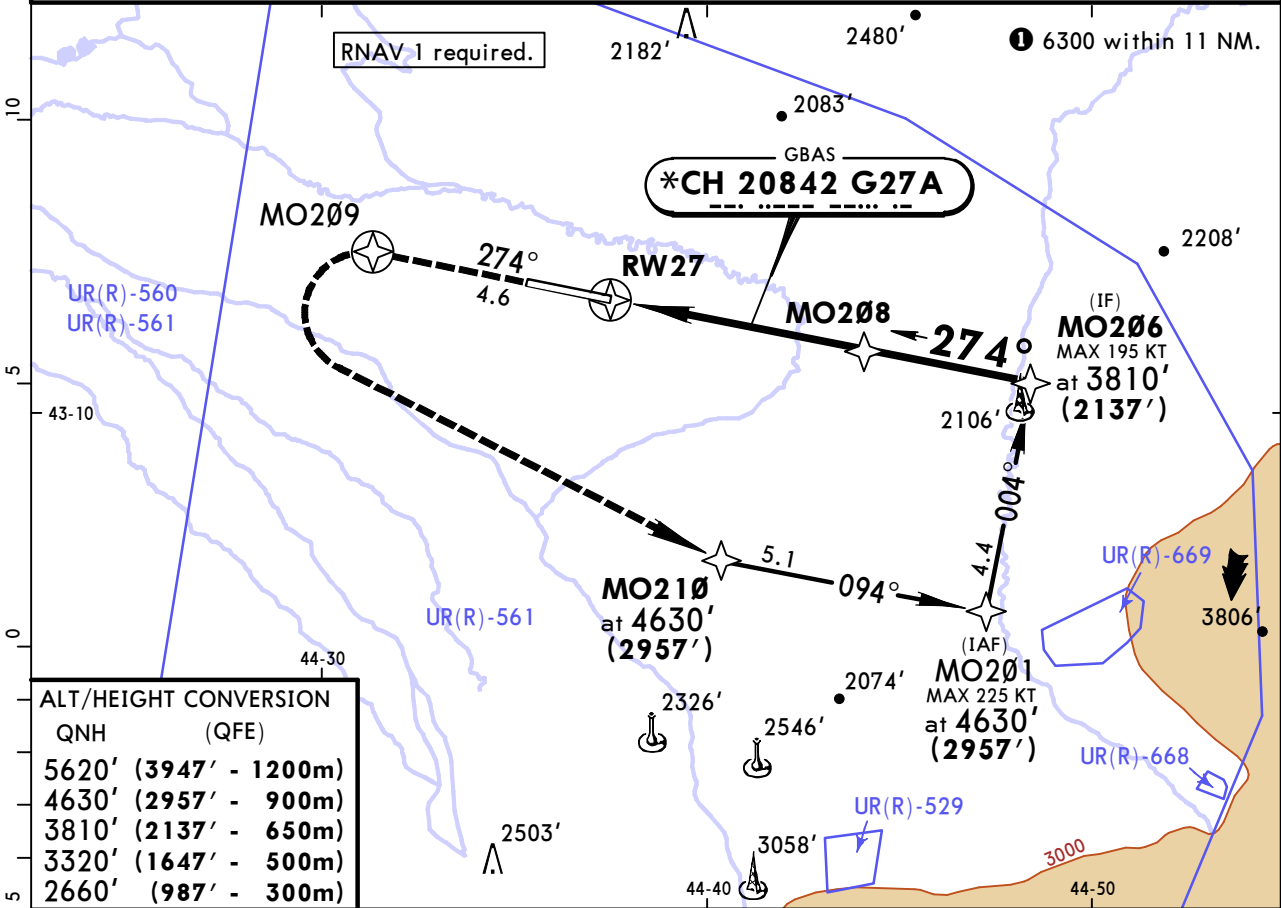
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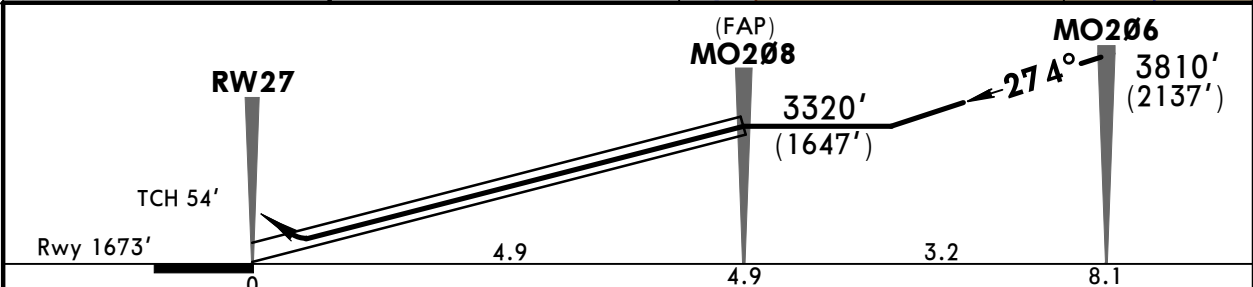
JEPPESSEN
23 MAR 18 (12-41) Eff 29 Mar

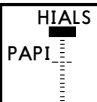
VLADIKAVKAZ, RUSSIA
GLS Z Rwy 27

*ATIS		*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground	
118.5		121.2		118.1		118.1	
GBAS *CH 20842 G27A	Final Apch Crs 274°	Minimum Alt MO208 3320'(1647')	GLS DA(H) 1873'(200')	Apt Elev 1673' Rwy 1673'		5100 070° ← → 260° 15,000 MSA ARP	
MISSED APCH: Climb to 2660'(987') or above to MO209, then turn LEFT to MO210 climbing to 4630'(2957'), then according to chart.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5620'(3947')							



ALT/HEIGHT CONVERSION	
QNH	(QFE)
5620' (3947' - 1200m)	
4630' (2957' - 900m)	
3810' (2137' - 650m)	
3320' (1647' - 500m)	
2660' (987' - 300m)	



Gnd speed-Kts	70	90	100	120	140	160		MIM 2660' (987')	MO209
Glide Path Angle 3.00°	372	478	531	637	743	849			

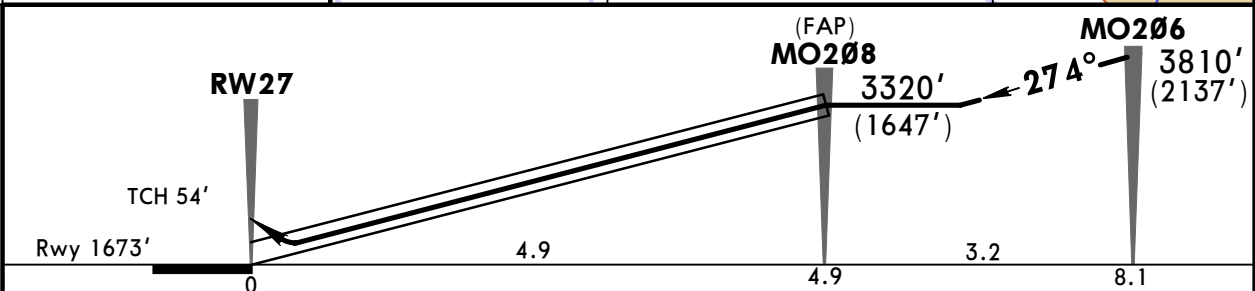
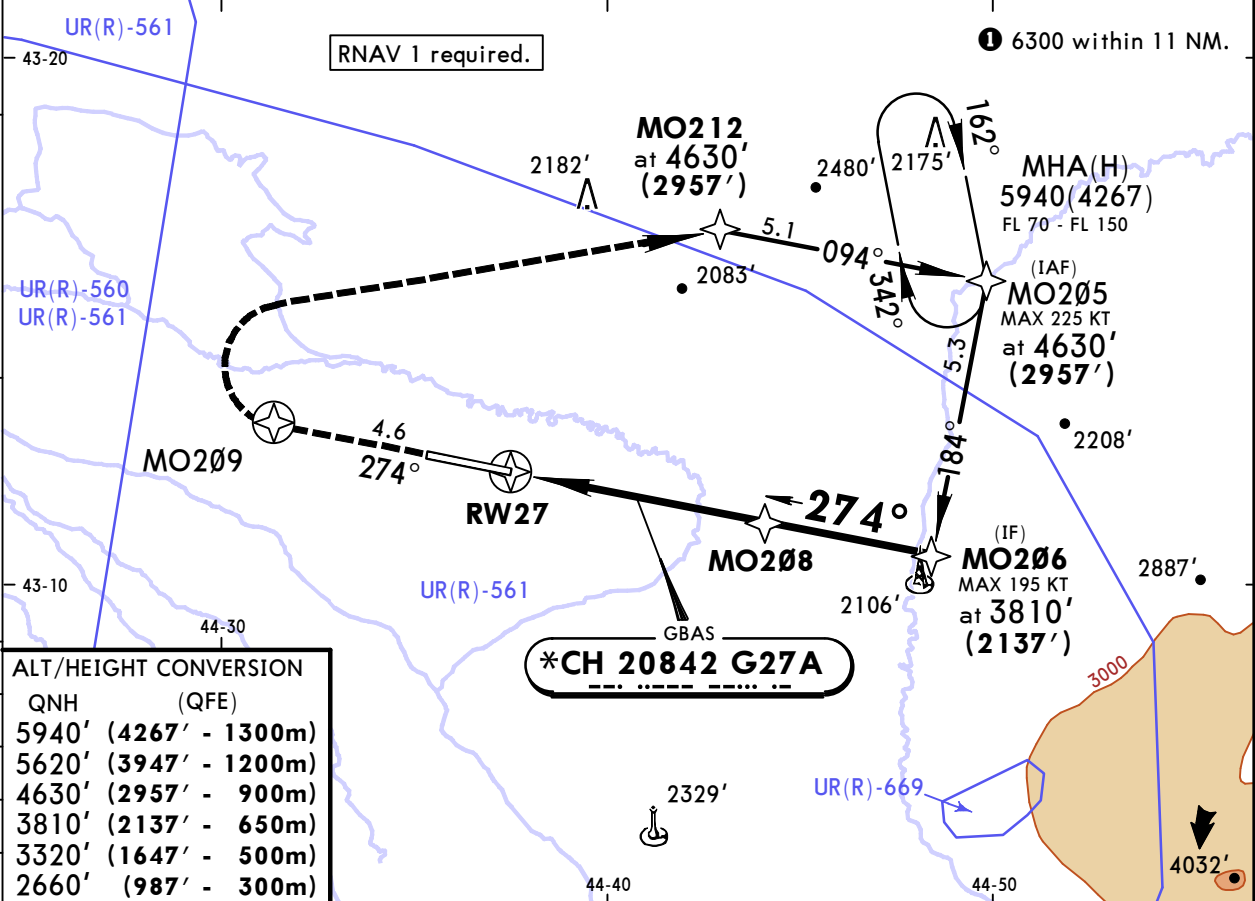
STRAIGHT-IN LANDING RWY 27					CIRCLE-TO-LAND		
DA(H) 1873'(200')							
FULL		ALS out			Max Kts	MDA(H)	
A					100		
B					135	2250'(577')	1600m
C	800m		1200m		180	2370'(697')	3200m
D					205	2600'(927')	4800m

URMO/OGZ
BESLAN

JEPPESSEN
23 MAR 18 12-42 Eff 29 Mar

VLADIKAVKAZ, RUSSIA
GLS Y Rwy 27

*ATIS		*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground	
118.5		121.2		118.1		118.1	
GBAS *CH 20842 G27A	Final Apch Crs 274°	Minimum Alt MO208 3320'(1647')	GLS DA(H) 1873'(200')	Apt Elev 1673' Rwy 1673'		5100 070° ← 260° ① 15,000 MSA ARP	
MISSED APCH: Climb to 2660'(987') or above to MO209, then turn RIGHT to MO212 climbing to 4630'(2957'), then according to chart.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70			
Trans alt: 5620'(3947')							



Gnd speed-Kts	70	90	100	120	140	160	HIALS		MIM	MO209
Glide Path Angle	3.00°	372	478	531	637	743	PAPI		2660'(987')	

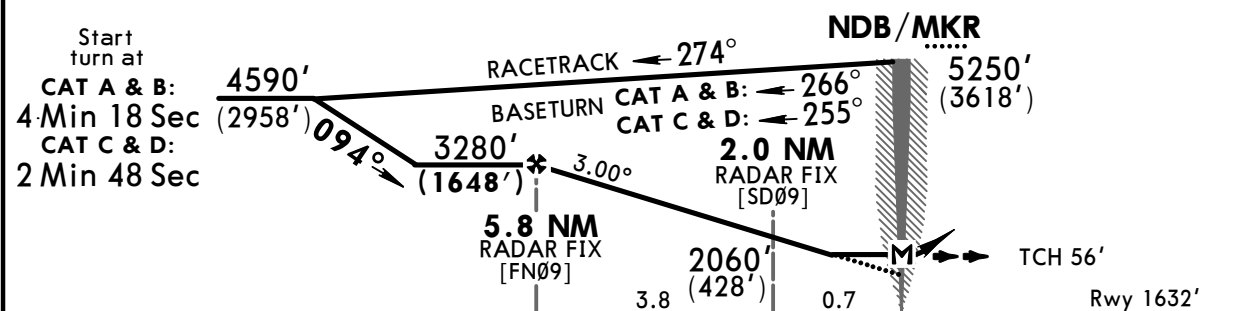
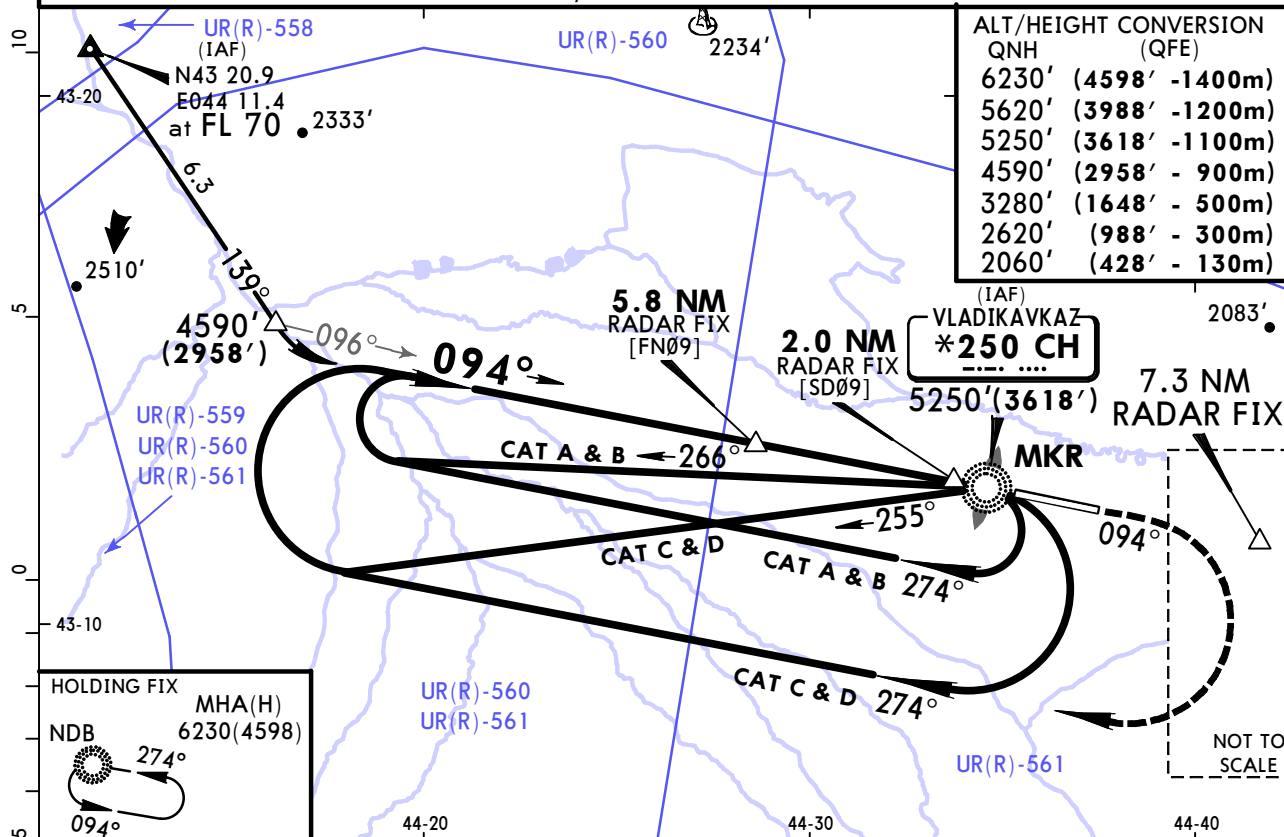
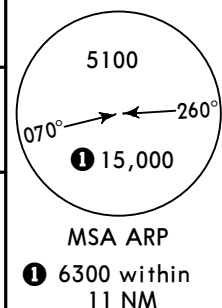
STRAIGHT-IN LANDING RWY 27				CIRCLE-TO-LAND			
DA(H) 1873'(200')							
FULL		ALS out		Max Kts	MDA(H)		
A				100			
B				135	2250'(577') 1600m		
C	800m		1200m	180	2370'(697') 3200m		
D				205	2600'(927') 4800m		

**URMO/OGZ
BESLAN**

JEPPESSEN
27 APR 18 (16-1)

**VLADIKAVKAZ, RUSSIA
NDB Rwy 09**

*ATIS 118.5	*VLADIKAVKAZ Krug (R) 121.2	*VLADIKAVKAZ Start (TWR) 118.1	*Ground 118.1
NDB CH *250	Final Apch Crs 094°	Minimum Alt 5.8 NM RADAR FIX 3280'(1648')	MDA(H) (CONDITIONAL) 1980'(348') Apt Elev 1673' Rwy 1632'
MISSED APCH: Climb to 2620'(988'), but not further then 7.3 NM RADAR Fix , then turn RIGHT onto 274° climbing to 4590'(2958') , then according to chart.			
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5620' (3988') Procedure restricted to CAT C & D: MAX 225 KT, CAT A & B: 125 KT.			



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle	3.00°	372	478	531	637	743
MAP at NDB/MKR						

STRAIGHT-IN LANDING RWY 09						CIRCLE-TO-LAND 1	
with FAF & SDF		with FAF		w/o FAF		Max Kts	MDA(H)
1980'(348')		2020'(388')		2800'(1168')			
	ALS out		ALS out		ALS out		
A				1200m	2000m	100	2210'(578') 2 1600m
B	1200m	1600m	1200m	1600m	2400m	135	
C				4000m	4800m	180	2330'(698') 2 3200m
D	1600m	2000m	1600m	2000m	4400m	205	2560'(928') 2 4800m

1 Circling height based on rwy 09 thresh elev of 1632'. 2 or higher straight-in minimums.

CHANGES: Reissue.

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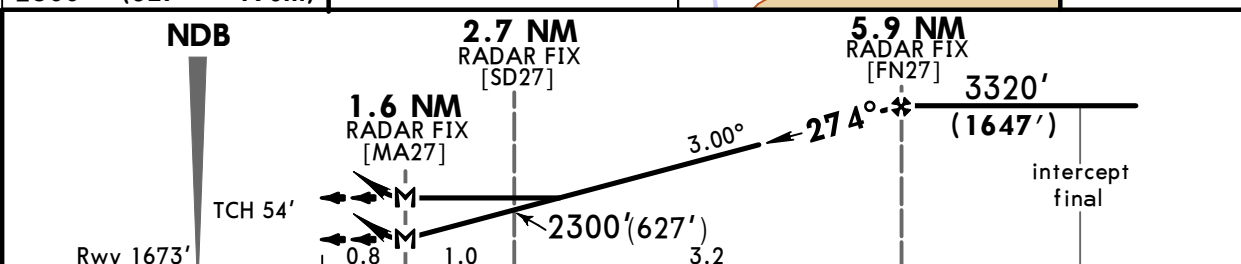
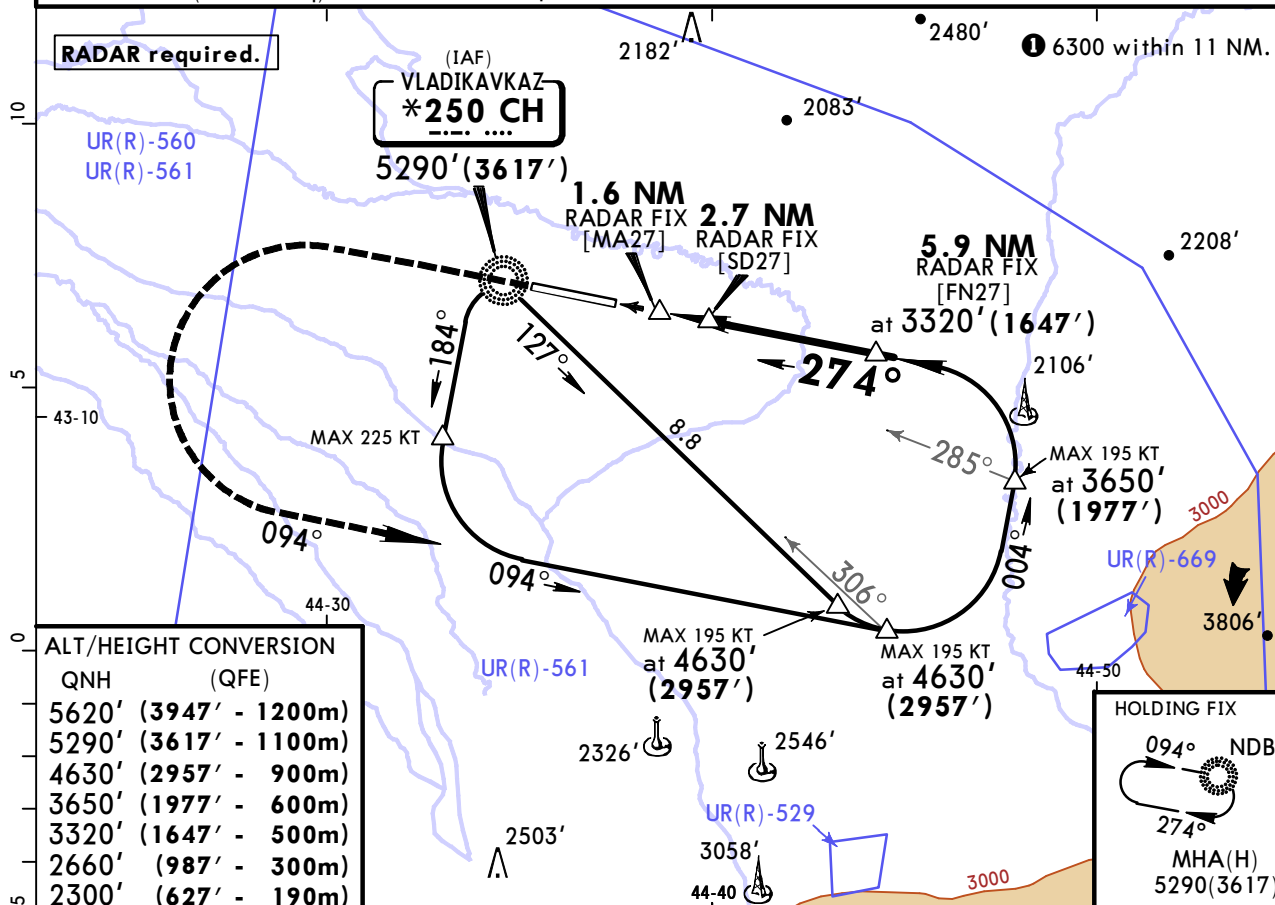
URMO/OGZ
BESLAN

JEPPESSEN
27 APR 18 **(16-2)**

VLADIKAVKAZ, RUSSIA
NDB Z Rwy 27

*ATIS	*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground
118.5	121.2		118.1		118.1
NDB CH * 250	Final Apch Crs 274°	Minimum Alt 5.9 NM RADAR FIX 3320' (1647')	MDA(H) (CONDITIONAL) 1990' (317')	Apt Elev 1673' Rwy 1673'	5100 070° → ← 260° 15,000 MSA ARP
MISSED APCH: Climb to 2660' (987'), then turn LEFT onto 094° climbing to 4630' (2957'), then according to chart.					

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 70 Trans alt: 5620' (**3947'**)



Gnd speed-Kts	70	90	100	120	140	160		HIALS	2660' (987')	094°	4630' (2957')
Descent Angle 3.00°	372	478	531	637	743	849		PAPI		LT	
MAP at 1.6 NM RADAR FIX											

STRAIGHT-IN LANDING RWY 27					CIRCLE-TO-LAND	
with SDF			w/o SDF		Max Kts	MDA(H)
MDA(H) 1990'(317')			MDA(H) 2320'(647')			
		ALS out		ALS out		
A	1200m	1600m	1200m	1600m	100	2250'(577') 1600m
B					135	
C				2000m	2800m	180
D	1600m			2800m	3200m	205

1 or higher straight-in minimums.

CHANGES: None.

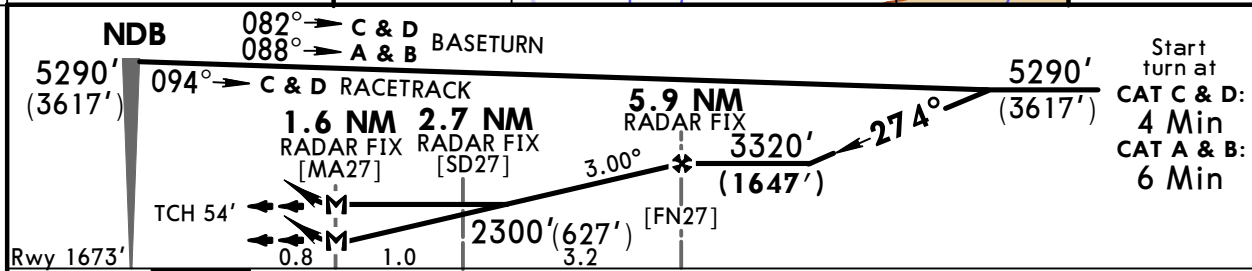
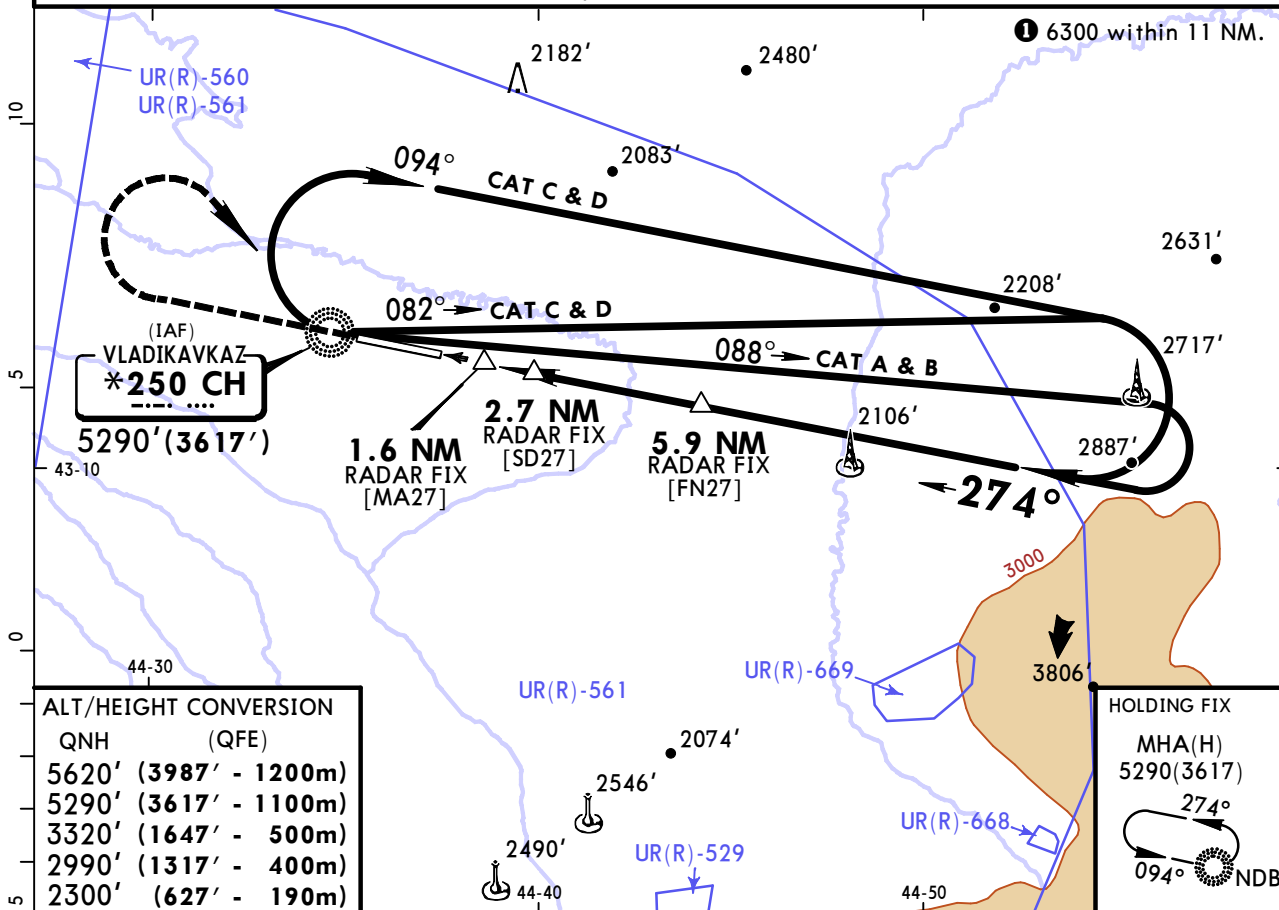
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URMO/OGZ
BESLAN

JEPPESSEN
22 DEC 17 **(16-3)** Eff 4 Jan

VLADIKAVKAZ, RUSSIA
NDB Y Rwy 27

*ATIS	*VLADIKAVKAZ Krug (R)		*VLADIKAVKAZ Start (TWR)		*Ground
118.5	121.2		118.1		118.1
NDB CH *250	Final Apch Crs 274°	Minimum Alt 5.9 NM RADAR FIX 3320' (1647')	MDA(H) (CONDITIONAL) 1990' (317')	Apt Elev 1673' Rwy 1673'	5100 070° → ← 260° 15,000
MISSED APCH: Climb to 2990' (1317'), then turn RIGHT to NDB climbing to 5290' (3617'), then according to chart.					MSA ARP
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 70	
Procedure restricted to CAT C & D: MAX 195 KT, CAT A & B: MAX 130 KT.				Trans alt: 5620' (3947')	



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	2990' (1317')	CH 250	5290' (3617')
Descent Angle 3.00°	372	478	531	637	743	849		↑	RT	↑
MAP at 1.6 NM RADAR FIX										

STRAIGHT-IN LANDING RWY 27					CIRCLE-TO-LAND	
with SDF			w/o SDF		Max Kts	MDA(H)
MDA(H) 1990'(317')			MDA(H) 2320'(647')			
		ALS out		ALS out		
A	1200m	1600m	1200m	1600m	100	2250'(577') ■ 1600m
B					135	
C				2000m	2800m	180
D	1600m			2800m	3200m	205

1 or higher straight-in minimums.

CHANGES: New procedure.

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Chart changes since cycle 08-2019

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
VLADIKAVKAZ, (BESLAN - URMO)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport URMO