

URMN/NAL
NALCHIK

7 NOV 08

10-2

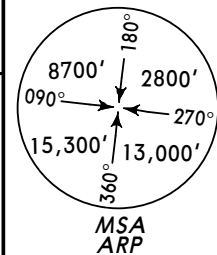
Eff 20 Nov

NALCHIK, RUSSIA

STAR

Apt Elev
1462'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL59 Trans alt: 4750' (3372')



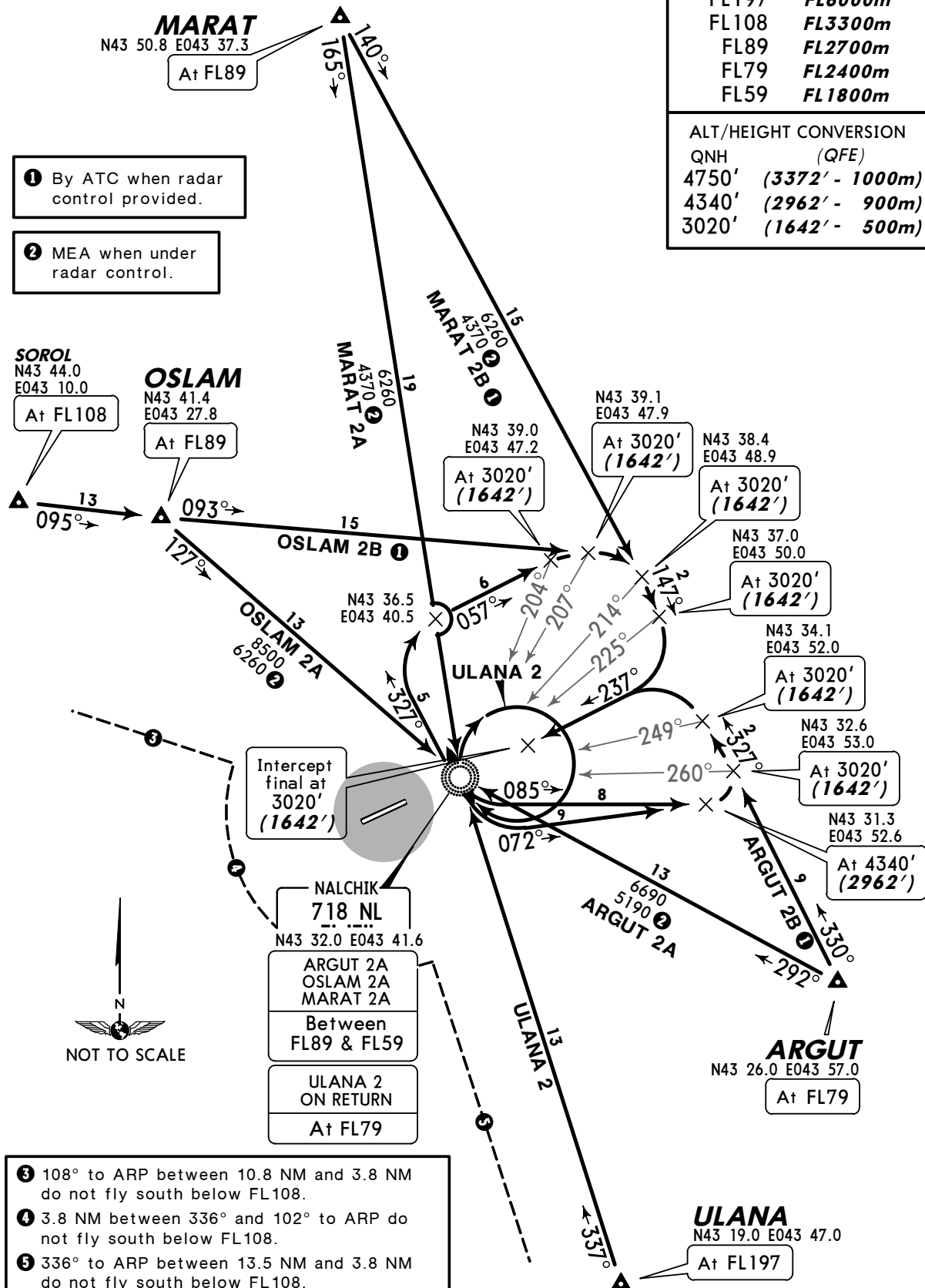
ARGUT 2A [ARGU2A], ARGUT 2B [ARGU2B] ①
MARAT 2A [MARA2A], MARAT 2B [MARA2B] ①
OSLAM 2A [OSLA2A], OSLAM 2B [OSLA2B] ①
ULANA 2
RWY 24 ARRIVALS

FL CONVERSION	
FL197	FL6000m
FL108	FL3300m
FL89	FL2700m
FL79	FL2400m
FL59	FL1800m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
4750'	(3372' - 1000m)
4340'	(2962' - 900m)
3020'	(1642' - 500m)

① By ATC when radar control provided.

② MEA when under radar control.



- ③ 108° to ARP between 10.8 NM and 3.8 NM do not fly south below FL108.
- ④ 3.8 NM between 336° and 102° to ARP do not fly south below FL108.
- ⑤ 336° to ARP between 13.5 NM and 3.8 NM do not fly south below FL108.

URMN/NAL
NALCHIK

7 NOV 08

10-3

Eff 20 Nov

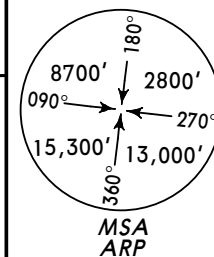
NALCHIK, RUSSIA

SID

Apt Elev
1462'

QNH on request (QFE)

Trans level: FL59 Trans alt: 4750' (3288')



ARGUT 1A [ARGU1A], ARGUT 1B [ARGU1B] ①
MARAT 1A [MARA1A], MARAT 1B [MARA1B] ①
MARAT 1C [MARA1C] ①
RWY 06 DEPARTURES

MINPU
N44 13.5 E043 05.0

TEPLORECHENSKY
1182 TP
N44 09.3 E043 32.0

POGUL
N44 05.0 E044 16.0

ALT/HEIGHT CONVERSION
QNH (QFE)
2120' (658' - 200m)
4750' (3288' - 1000m)

FL CONVERSION
FL59 FL1800m
FL69 FL2100m
FL79 FL2400m
FL108 FL3300m

① By ATC.

SOROL
N43 44.0 E043 10.0

MARAT
N43 50.8 E043 37.3
At FL79

PEMUL
N43 49.0 E043 44.0

RUDEM
N43 36.0 E043 51.0

NALCHIK
718 NL
N43 32.0 E043 41.6



These SIDs require a minimum climb gradient of

ARGUT 1A, 1B
298' per NM (4.9%) until ARGUT.
MARAT 1A, 1B, 1C
298' per NM (4.9%) until MARAT.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489

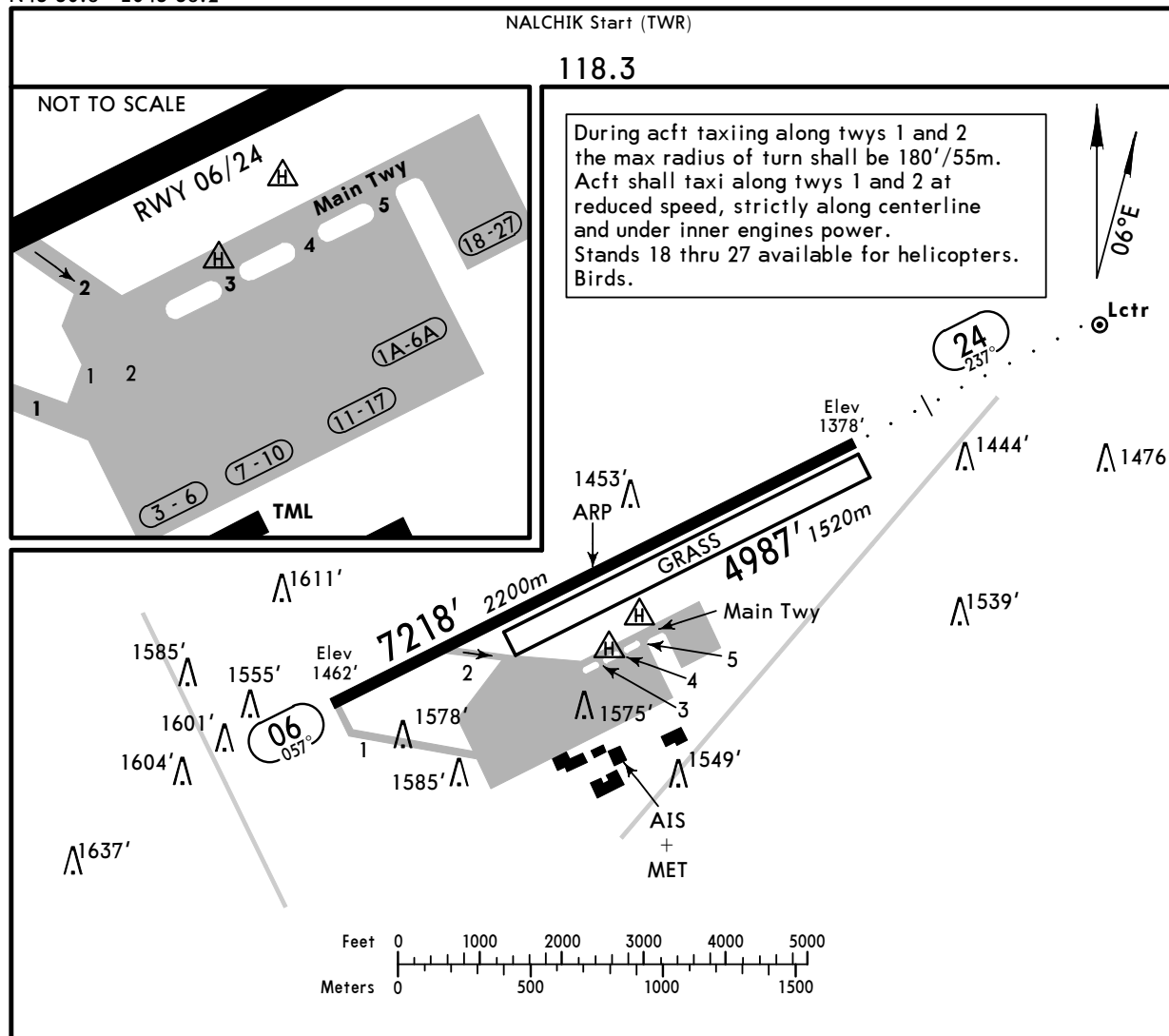
If unable to comply turn RIGHT climbing over NL, then according SID.

- ② 288° from ARP between 10.8 NM and 3.8 NM do not fly south below FL108.
- ③ 3.8 NM between 156° and 282° from ARP do not fly south below FL108.
- ④ 156° from ARP between 13.5 NM and 3.8 NM do not fly south below FL108.

URMN/NAL
 Apt Elev **1462'**
 N43 30.8 E043 38.2

JEPPESEN
 12 SEP 08 **(10-9)** **Eff 25 Sep**

NALCHIK, RUSSIA
NALCHIK



ADDITIONAL RUNWAY INFORMATION

RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					LANDING BEYOND			
					Threshold	Glide Slope		
06	RL (60m)			RVR	NA			138'
24	RL (60m)	ALS	PAPI-L (angle 2.67°)	RVR		6234' 1900m	NA	42m
06	24	Grass runway						328'
								100m

TAKE-OFF

AIR CARRIER (JAA)

Main rwy 06

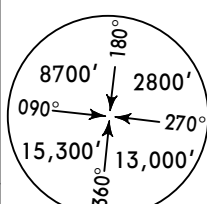
	LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A		
B	250m	400m
C		
D	300m	

URMN/NAL NALCHIK

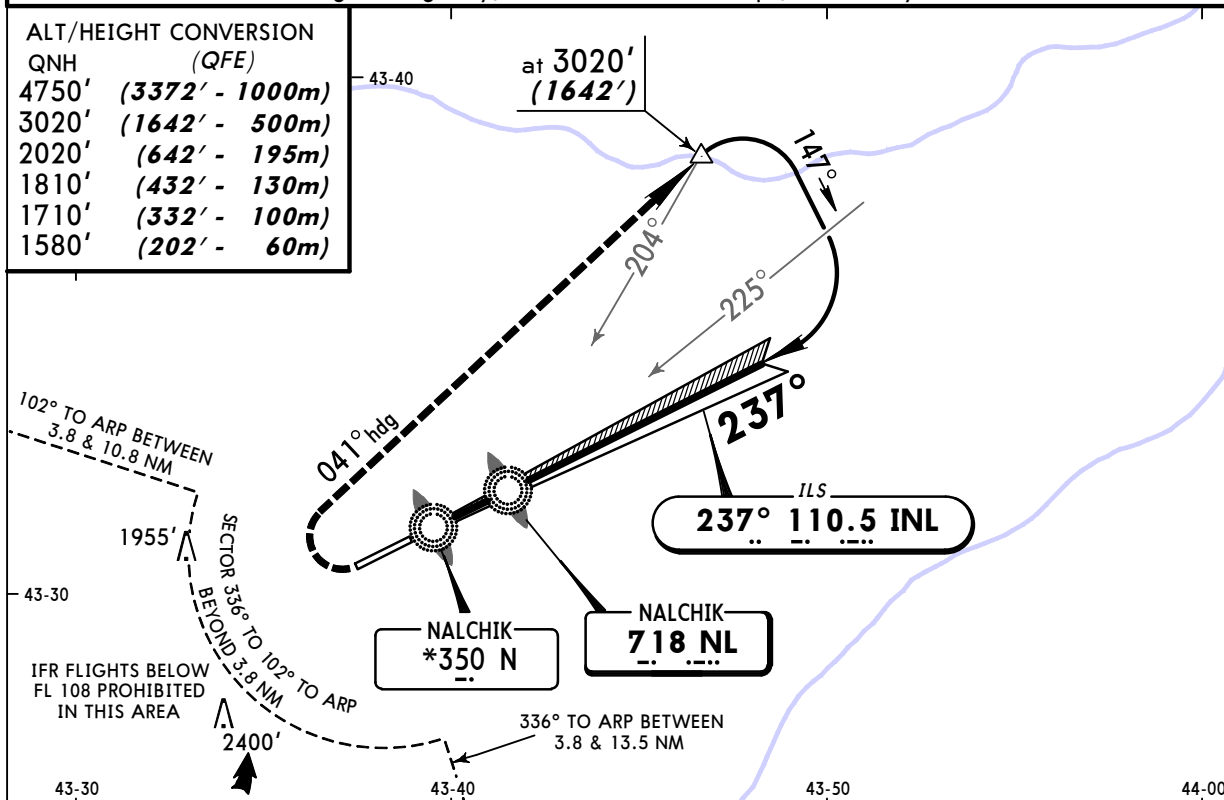
12 SEP 08
Eff 25 Sep (11-1)

NALCHIK, RUSSIA ILS or 2 NDB Rwy 24

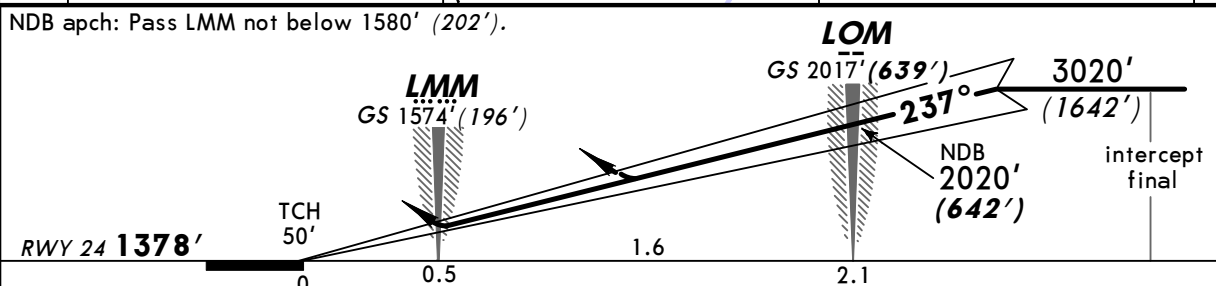
BRIEFING STRIP

NALCHIK Approach 126.9		NALCHIK Radar 126.9		NALCHIK Tower 118.3		NALCHIK Start (TWR) 118.3	
LOC INL 110.5	Final Apch Crs 237°	GS LOM 2017'(639')	ILS DA(H) 1578'(200')	Apt Elev 1462' RWY 1378'		 MSA ARP	
NDB NL 718		Minimum Alt LOM 2020'(642')	NDB MDA(H) 1790'(412')				
MISSED APCH: Climb STRAIGHT AHEAD for ILS: 1710'(332'), 2 NDB: 1810'(432') for not more than 30 Sec, then turn RIGHT onto heading 041° climbing to 3020'(1642'), then according to chart.							
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4750' (3372') CAUTION: Do not mistake lighted highway, located Southeast of apt, for runway.							

ALT/HEIGHT CONVERSION	
QNH	(QFE)
4750'	(3372' - 1000m)
3020'	(1642' - 500m)
2020'	(642' - 195m)
1810'	(432' - 130m)
1710'	(332' - 100m)
1580'	(202' - 60m)



NDB apch: Pass LMM not below 1580' (202').



Gnd speed-Kts	70	90	100	120	140	160	ALS PAPI	Refer to Missed Apch above
ILS GS 2.67° or NDB Descent Gradient 4.7%	336	433	481	577	673	769		

STRAIGHT-IN LANDING RWY 24							
ILS <i>DA(H)</i> 1578'(200')			LOC (GS out)	NDB <i>MDA(H)</i> 1790'(412')			
FULL		ALS out			ALS out		
A	1200m		NOT AUTH	2400m			
B							
C							
D							

PANS OPS