

List of pages in this Trip Kit

Trip Kit Index

Airport Information For ULAM

Terminal Charts For ULAM

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: NARYAN-MAR RUS
ICAO/IATA: ULAM / NNM
Lat/Long: N67° 38.4', E053° 07.3'
Elevation: 43 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 22.0° E

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

Sunrise: 2249 Z
Sunset: 1759 Z

Runway Information

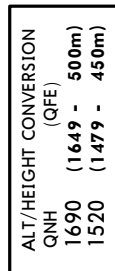
Runway: 06
Length x Width: 8406 ft x 131 ft
Surface Type: concrete
TDZ-Elev: 30 ft
Lighting: Edge, ALS

Runway: 24
Length x Width: 8406 ft x 131 ft
Surface Type: concrete
TDZ-Elev: 41 ft
Lighting: Edge, ALS

Communication Information

ATIS: 126.200 Non-English
Naryan-Mar Vyshka Tower: 127.000 Non-English
Naryan-Mar Vyshka Tower: 129.000 Secondary Non-English
Naryan-Mar Podkhod Approach: 129.000 Secondary Non-English
Naryan-Mar Podkhod Approach: 122.000 Non-English
Naryan-Mar Transit Operations: 131.900 Non-English







*ATIS
126.2
Russian only

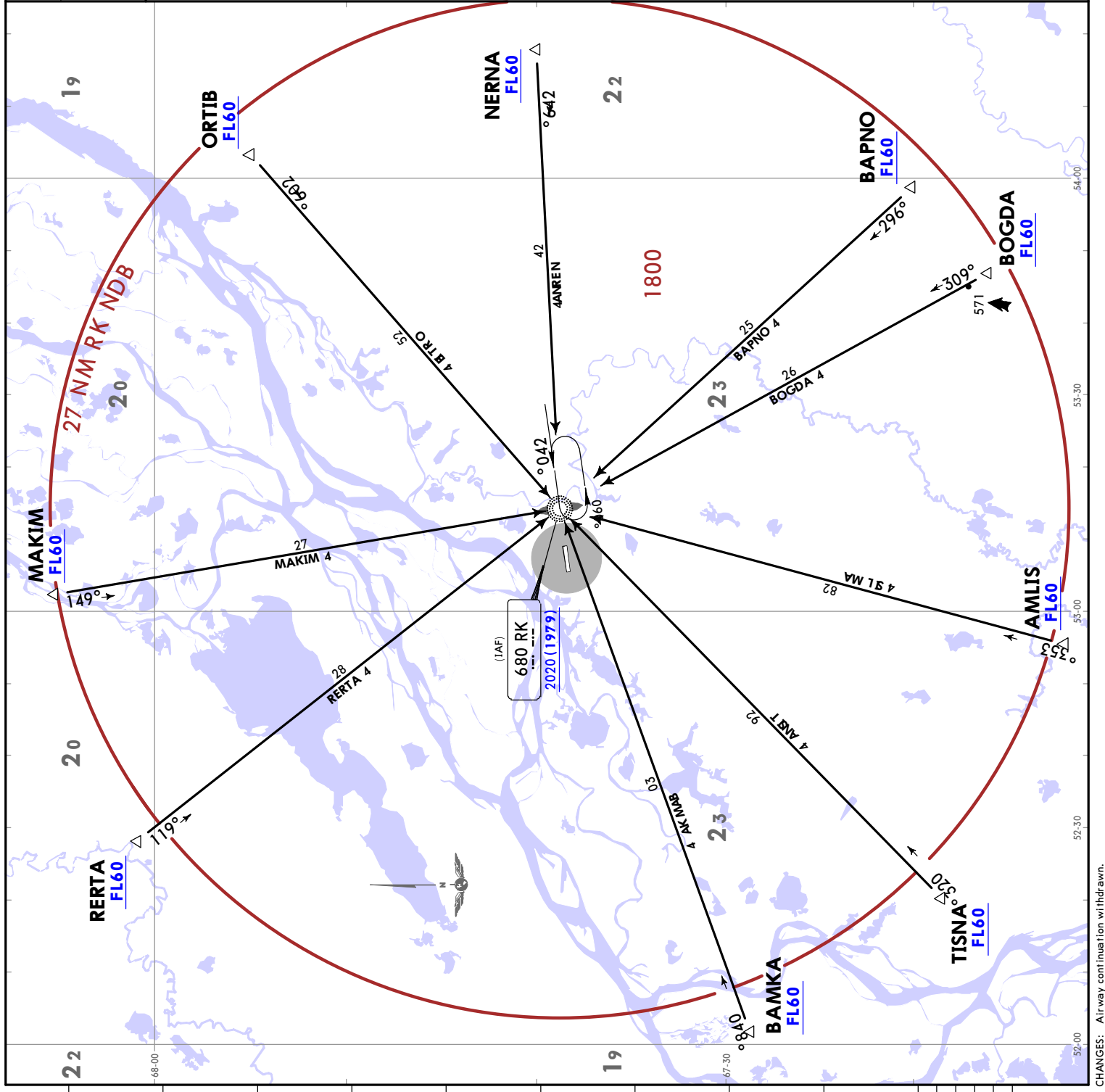
Apt Elev
43

Alt set: MM (hPa on request) QNH on request (QFE)
Trans level:
FL40
FL50 if pressure is less than 760 mm (1013.3 hPa)
FL60 if pressure is less than 733 mm (977.3 hPa)

AMLIS 4
BAMKA 4
BAPNO 4
BOGDA 4
MAKIM 4
NERNA 4
ORTIB 4
RERTA 4
TISNA 4

RWY 24 ARRIVALS
FOR RUSSIAN USERS ONLY

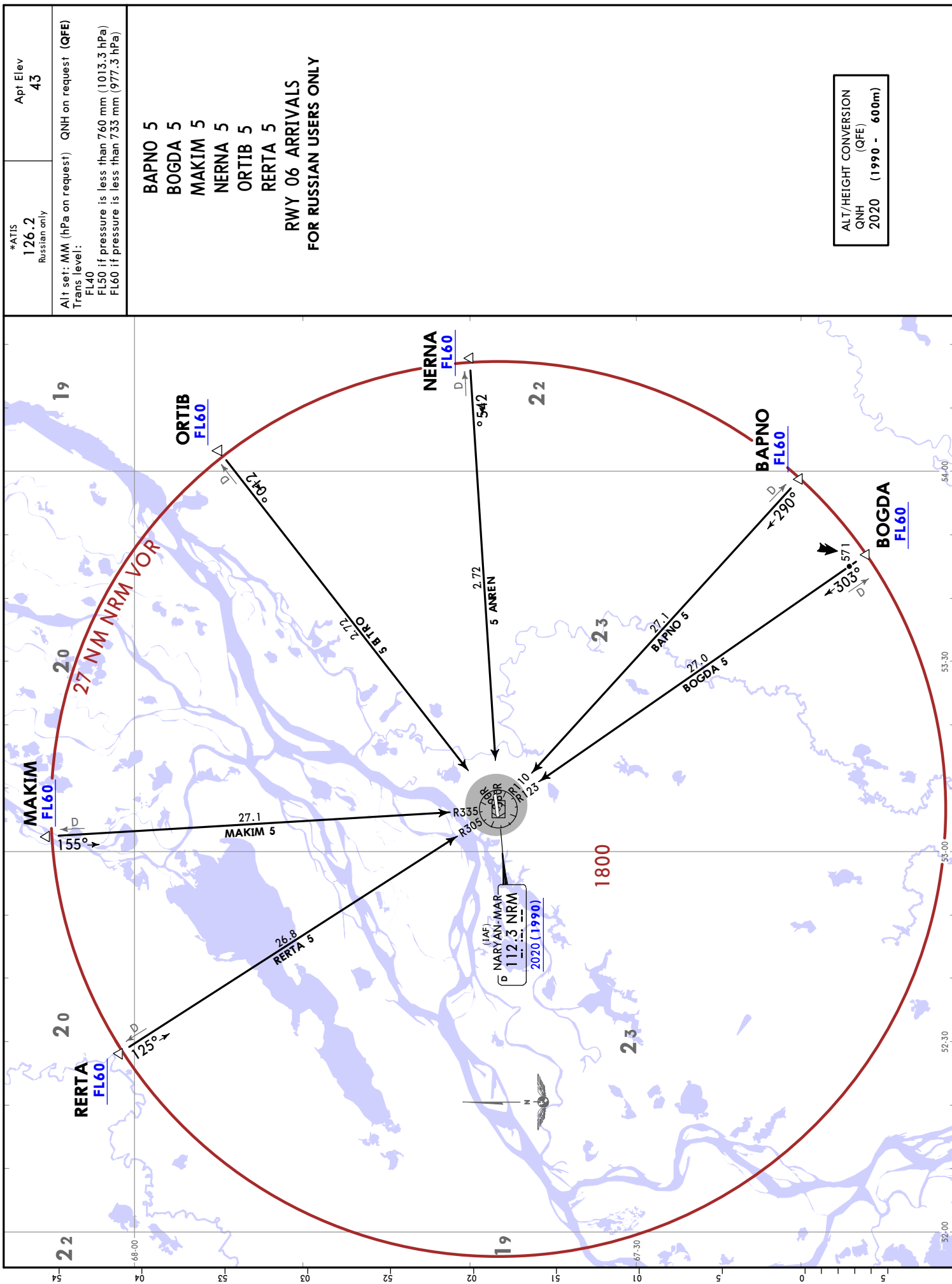
ALT/HEIGHT CONVERSION
QNH (QFE)
2020 (1979 - 600m)



NARYAN-MAR, RUSSIA

STAR

ULAM/NNM
NARYAN-MAR
JEPPESEN
10-2D
7 SEP 18
Eff 13 Sep





ULAM/NNM
NARYAN-MAR



JEPPesen

NARYAN-MAR, RUSSIA

11 AUG 17

10-3

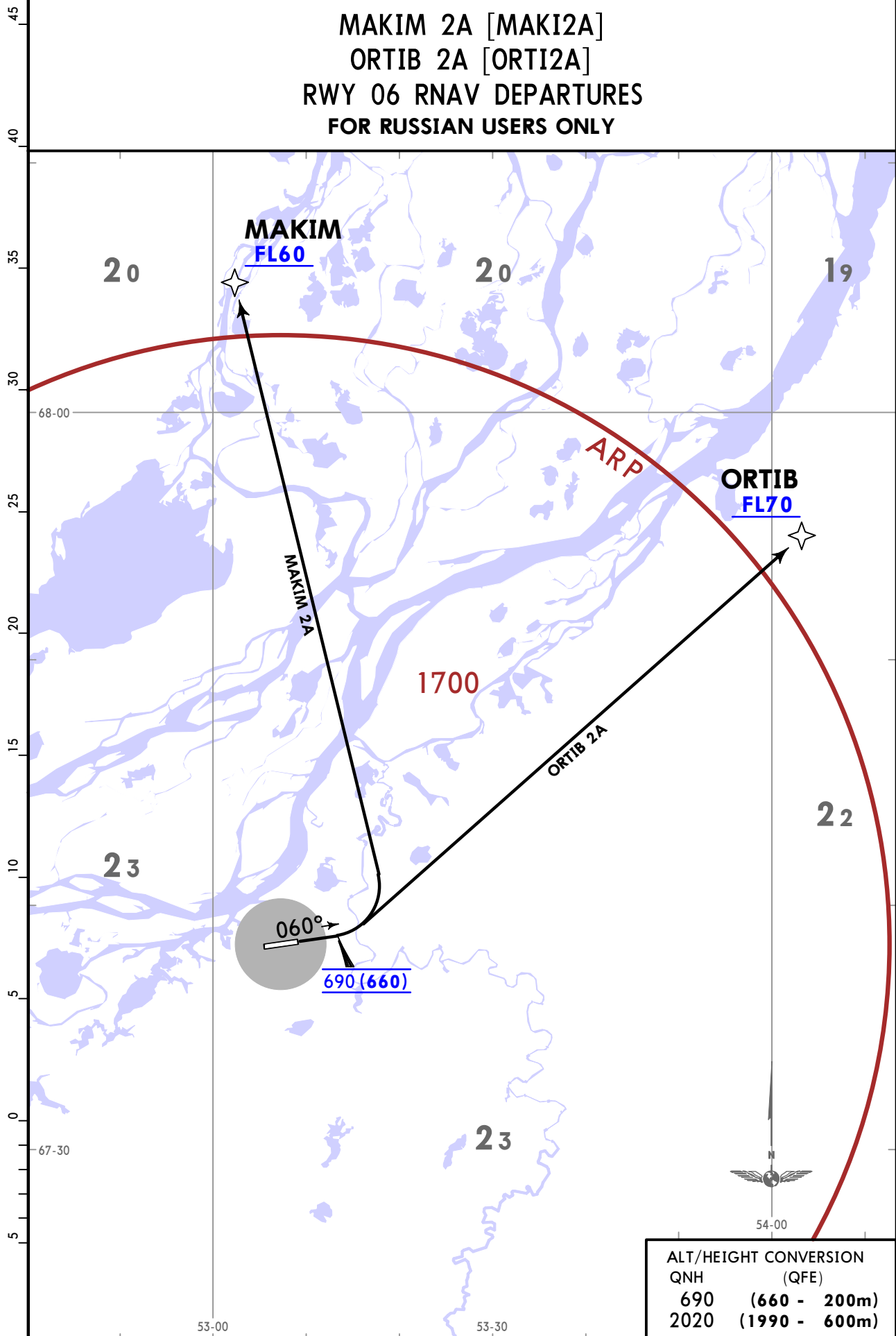
Eff 17 Aug

RNAV SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1990)
1. RNAV 1.
2. GNSS required.

MAKIM 2A [MAKI2A]
ORTIB 2A [ORTI2A]
RWY 06 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



CHANGES: New procedures at this airport.

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ULAM/NNM
NARYAN-MAR

JEPPESEN
11 AUG 17 (10-3A) Eff 17 Aug

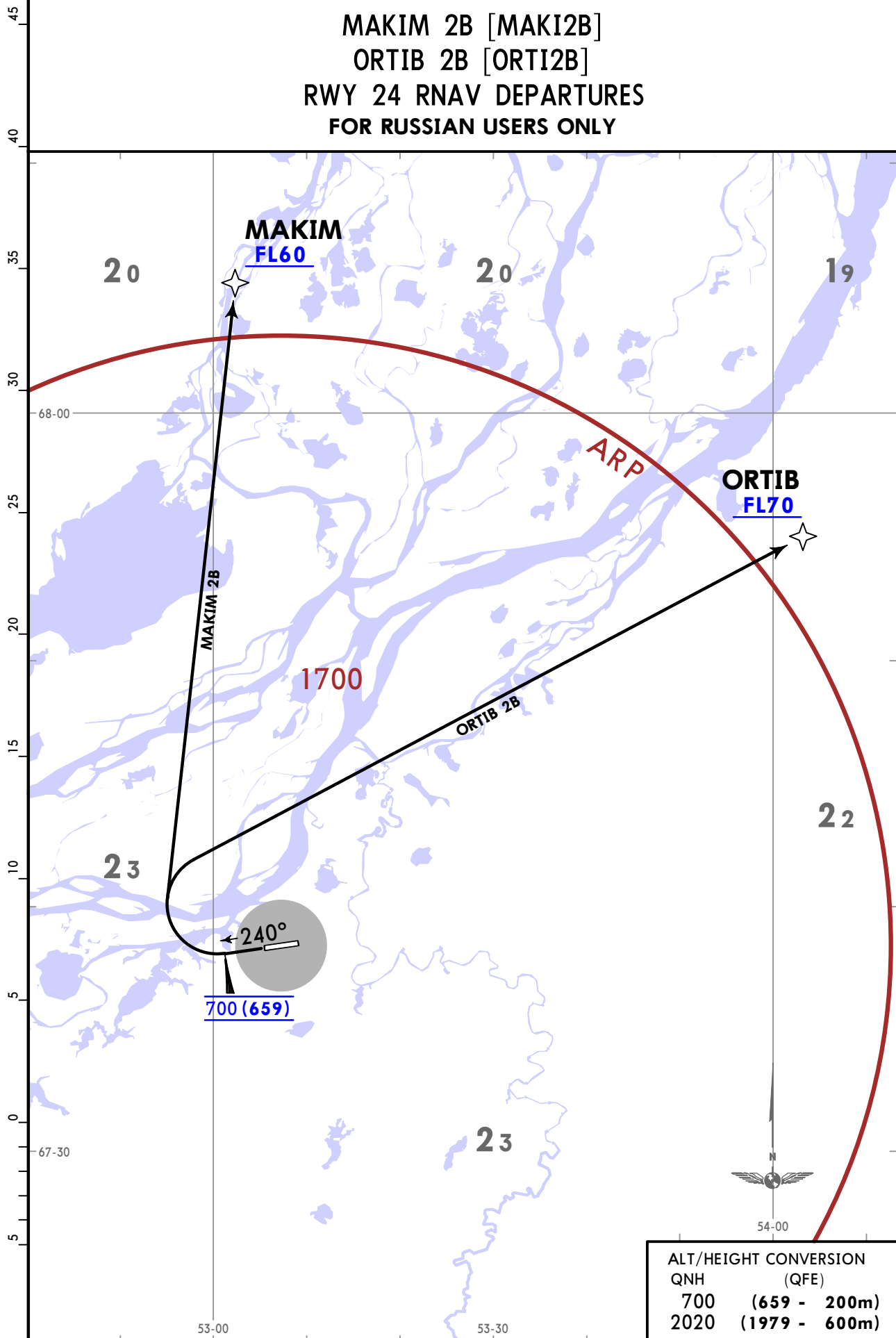
NARYAN-MAR, RUSSIA

RNAV SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1979)
1. RNAV 1.
2. GNSS required.

MAKIM 2B [MAKI2B]
ORTIB 2B [ORTI2B]
RWY 24 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



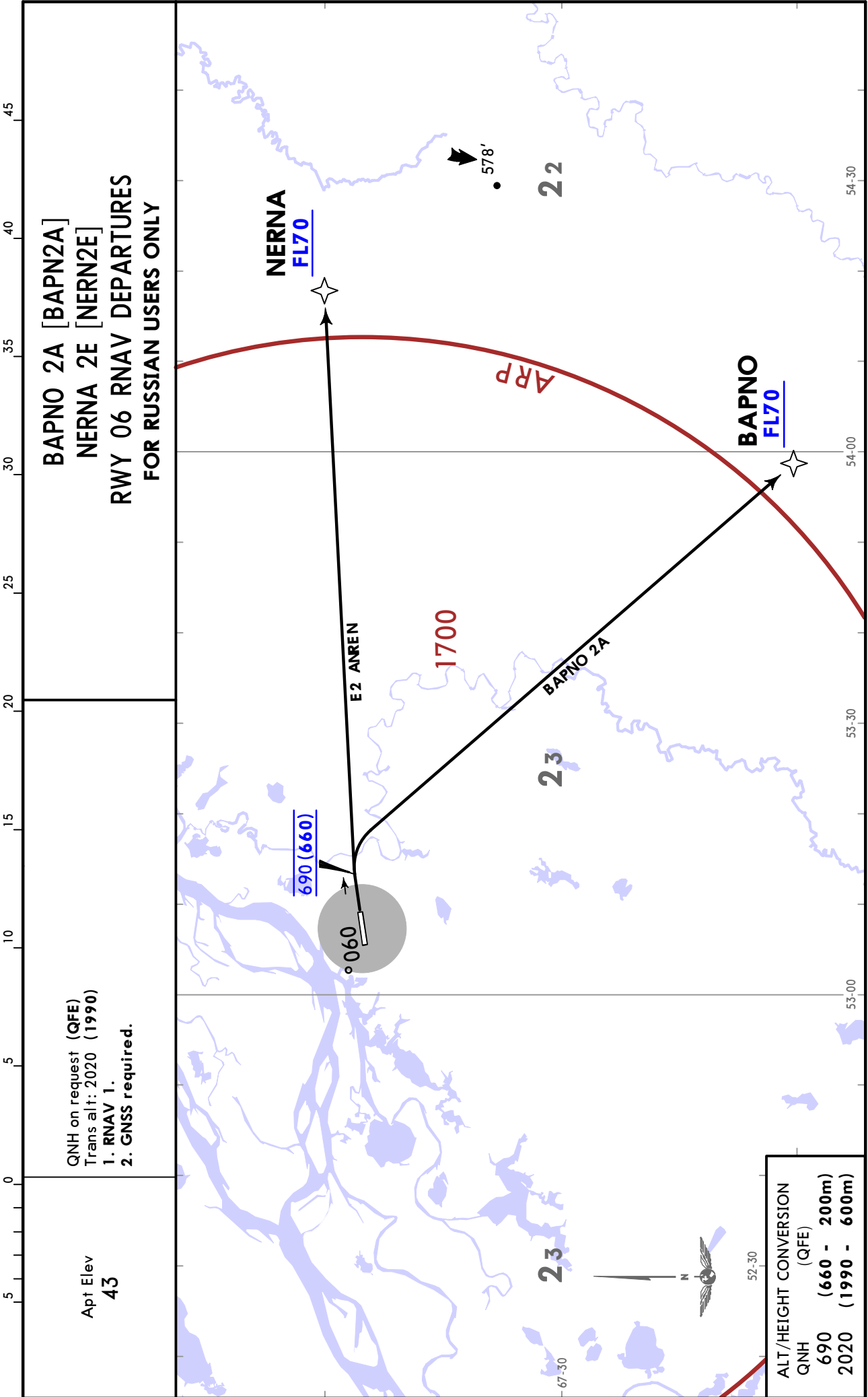
CHANGES: New procedures at this airport.

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NARYAN-MAR

JEPPESSEN
11 AUG 17 10-3B Eff 17 Aug

NARYAN-MAR, RUSSIA
RNAV SID



ULAM/NNM
NARYAN-MAR



JEPPesen

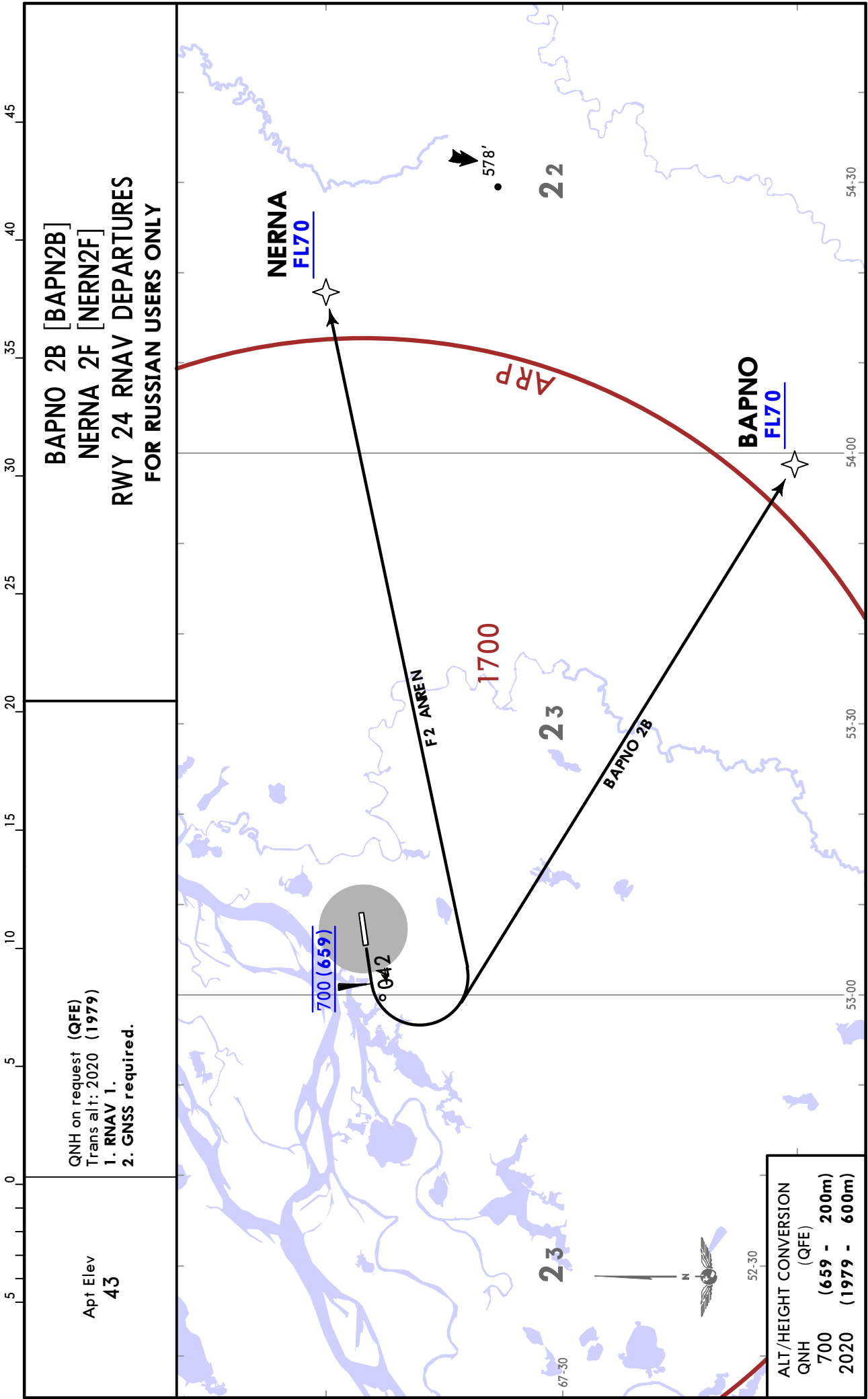
NARYAN-MAR, RUSSIA

11 AUG 17

10-3C

Eff 17 Aug

RNAV SID



ULAM/NNM
NARYAN-MAR

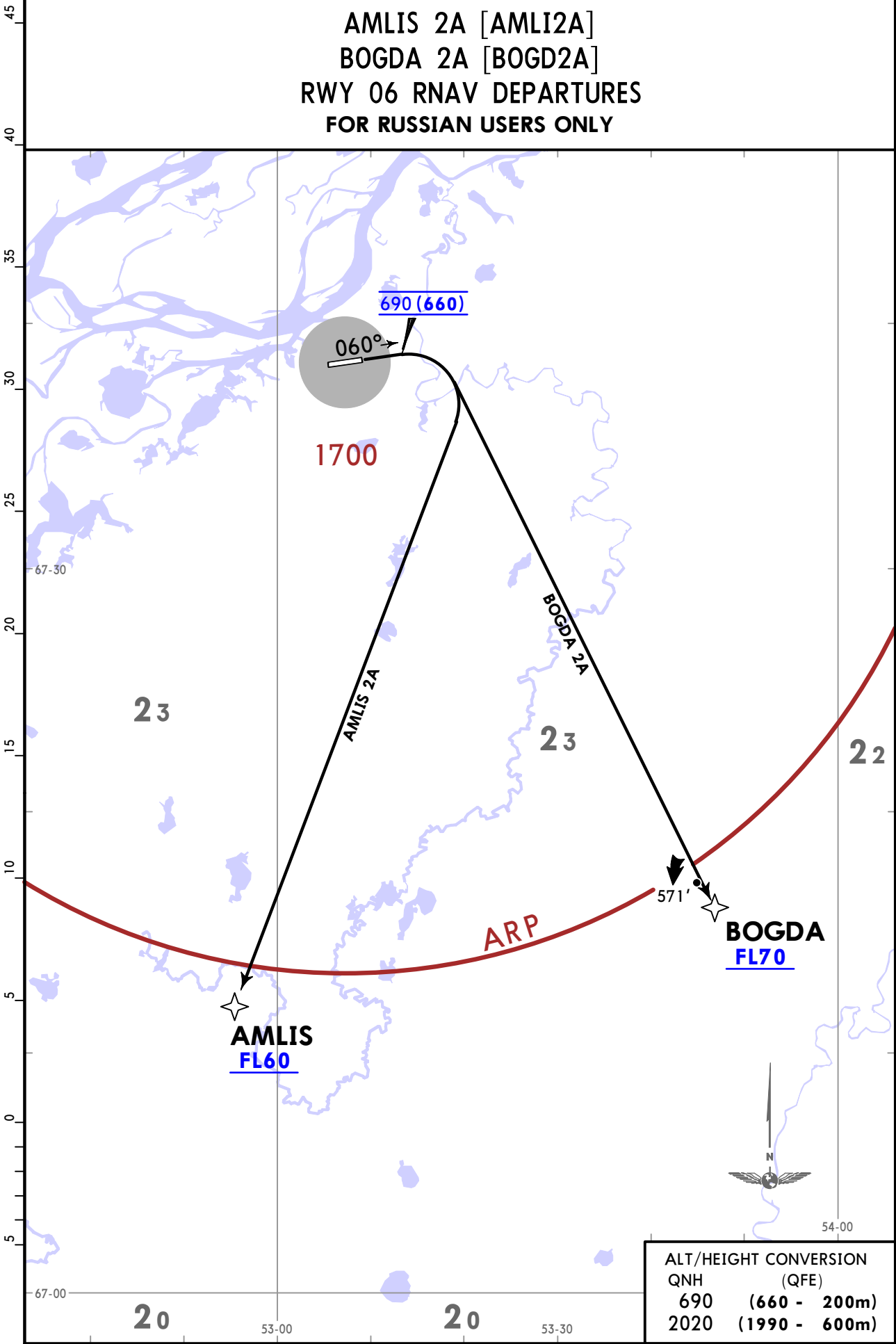
JEPPESSEN
11 AUG 17 (10-3D) Eff 17 Aug

NARYAN-MAR, RUSSIA
RNAV SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1990)
1. RNAV 1.
2. GNSS required.

AMLIS 2A [AML12A]
BOGDA 2A [BOGD2A]
RWY 06 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION	
QNH	(QFE)
690	(660 - 200m)
2020	(1990 - 600m)

ULAM/NNM
NARYAN-MAR



JEPPESSEN

NARYAN-MAR, RUSSIA

11 AUG 17

10-3E

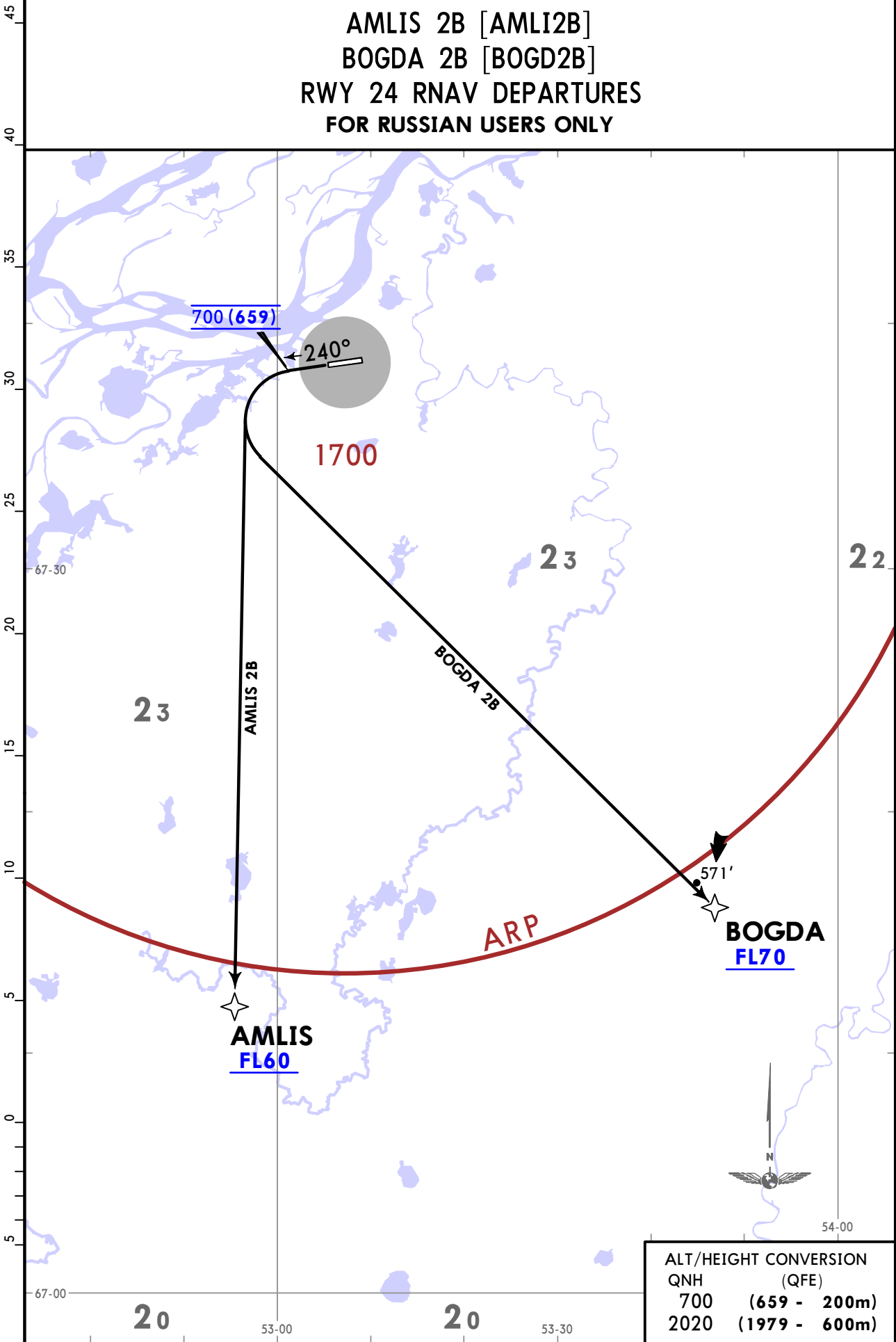
Eff 17 Aug

RNAV SID

Apt Elev
43

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Trans alt: 2020 (1979)
1. RNAV 1.
2. GNSS required.

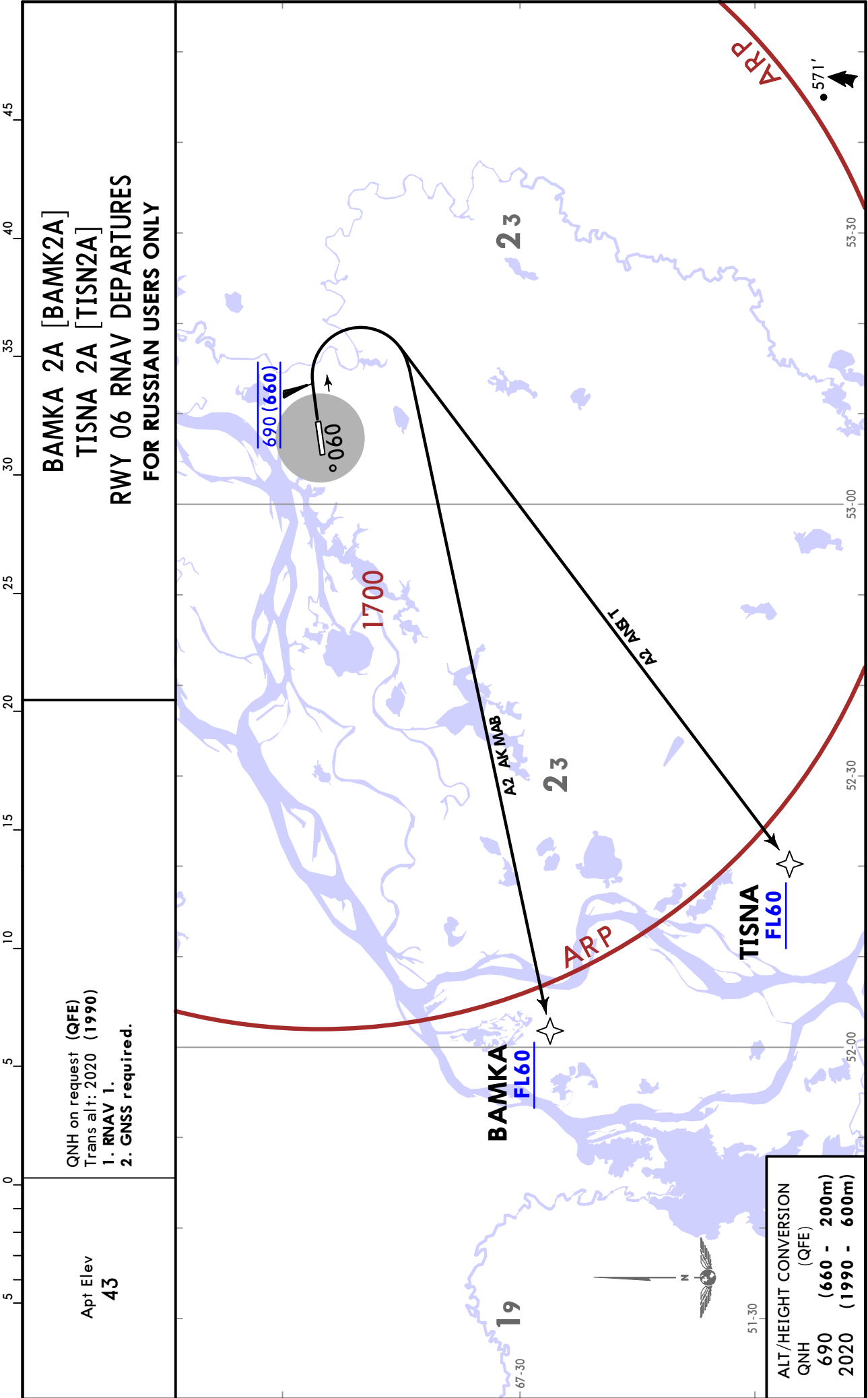
AMLIS 2B [AML12B]
BOGDA 2B [BOGD2B]
RWY 24 RNAV DEPARTURES
FOR RUSSIAN USERS ONLY



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NARYAN-MAR

JEPPESSEN
11 AUG 17 10-3F Eff 17 Aug

NARYAN-MAR, RUSSIA
RNAV SID



ULAM/NNM
NARYAN-MAR



JEPPESSEN

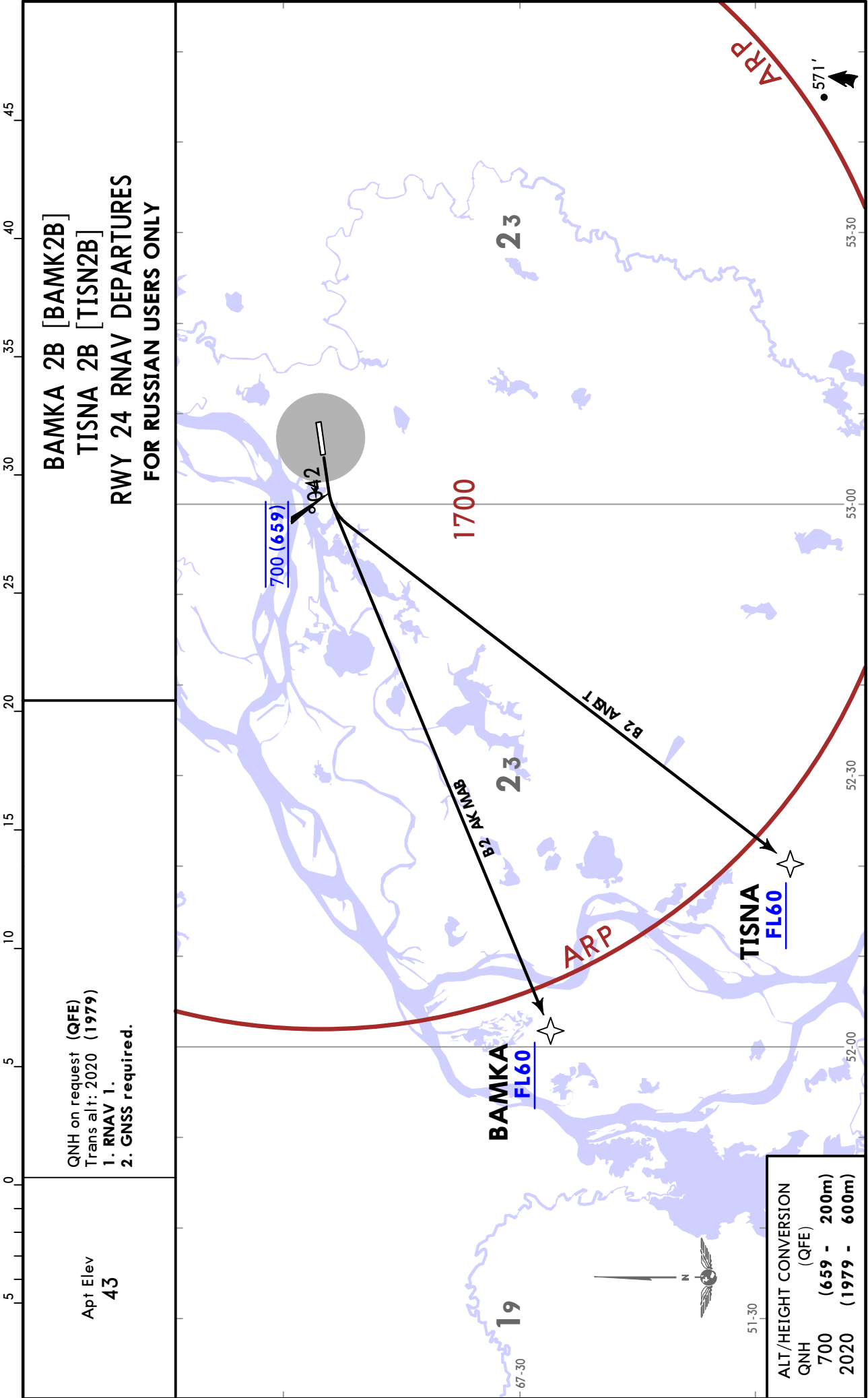
NARYAN-MAR, RUSSIA

11 AUG 17

10-3G

Eff 17 Aug

RNAV SID



ULAM/NNM
NARYAN-MAR

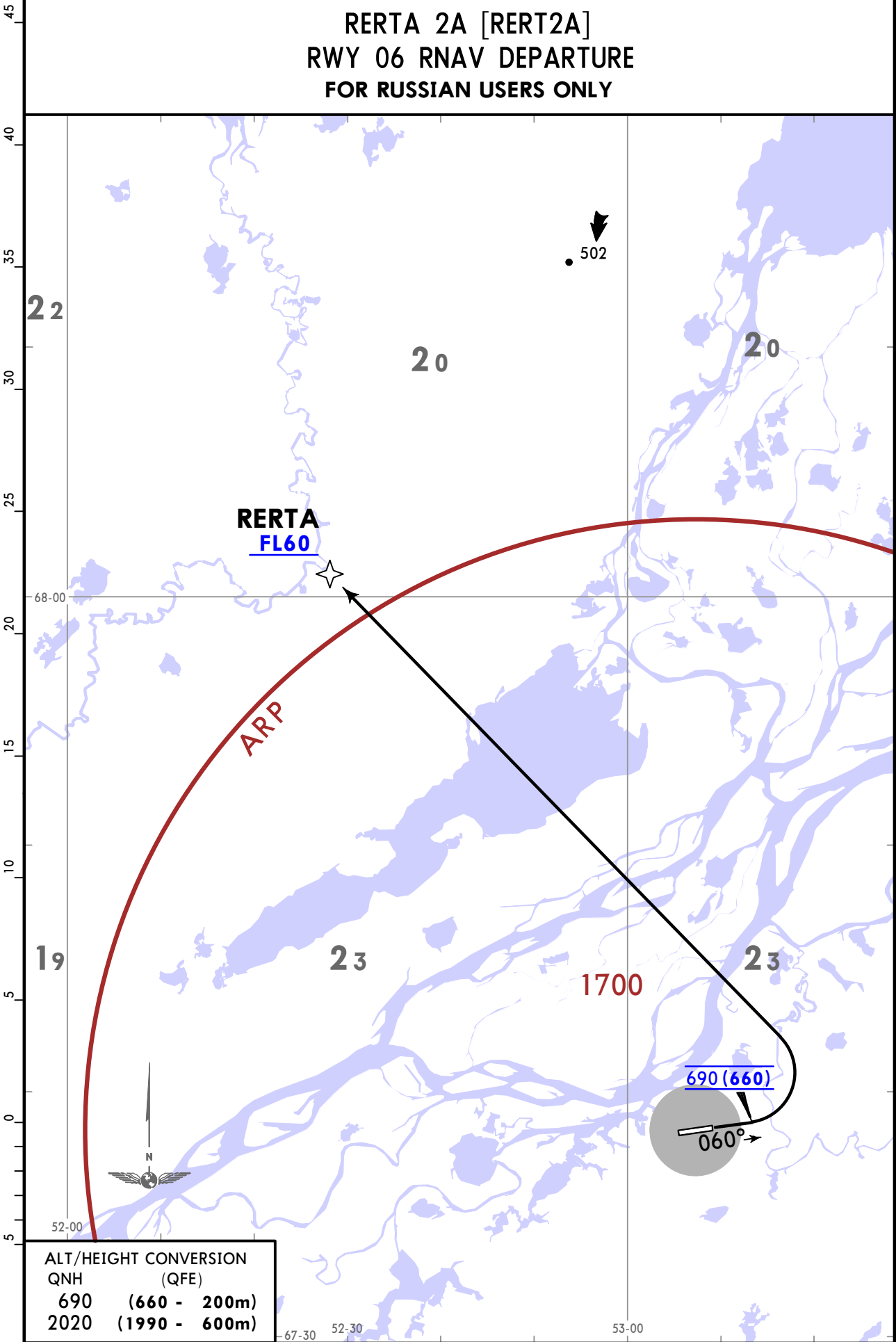
 **JEPPESSEN**
7 SEP 18 **(10-3H)** **Eff 13 Sep**

NARYAN-MAR, RUSSIA
RNAV SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1990)
1. RNAV 1.
2. GNSS required.

RERTA 2A [RERT2A]
RWY 06 RNAV DEPARTURE
FOR RUSSIAN USERS ONLY



ALT/HEIGHT CONVERSION		
QNH (QFE)		
690	(660 -	200m)
2020	(1990 -	600m)

CHANGES: Airway continuation withdrawn.

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ULAM/NNM
NARYAN-MAR

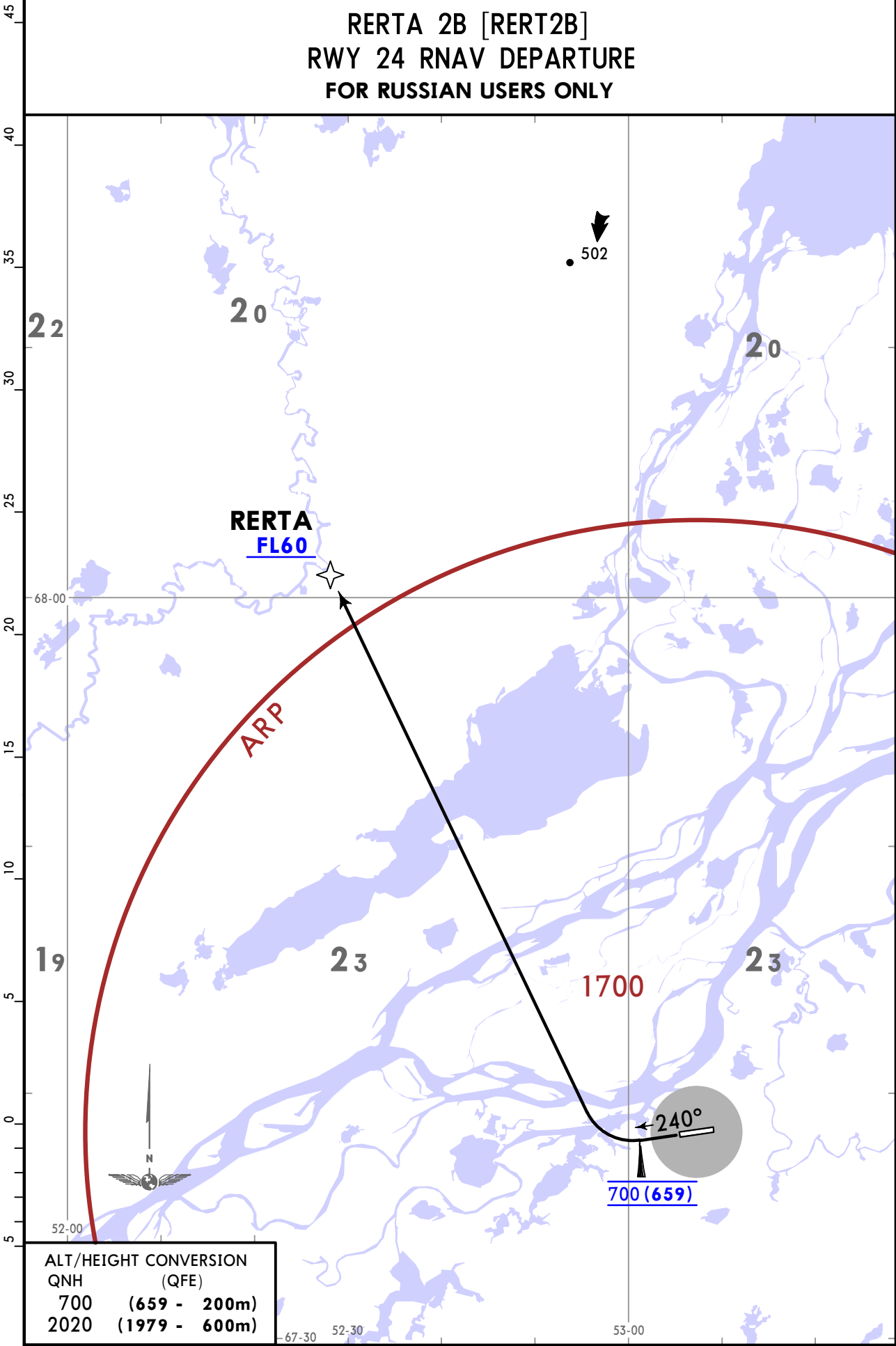
 **JEPPESSEN**
7 SEP 18 **(10-3J)** **Eff 13 Sep**

NARYAN-MAR, RUSSIA
RNAV SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1979)
1. RNAV 1.
2. GNSS required.

RERTA 2B [RERT2B]
RWY 24 RNAV DEPARTURE
FOR RUSSIAN USERS ONLY



ULAM/NNM
NARYAN-MAR

JEPPESSEN
11 AUG 17 (10-3K) Eff 17 Aug

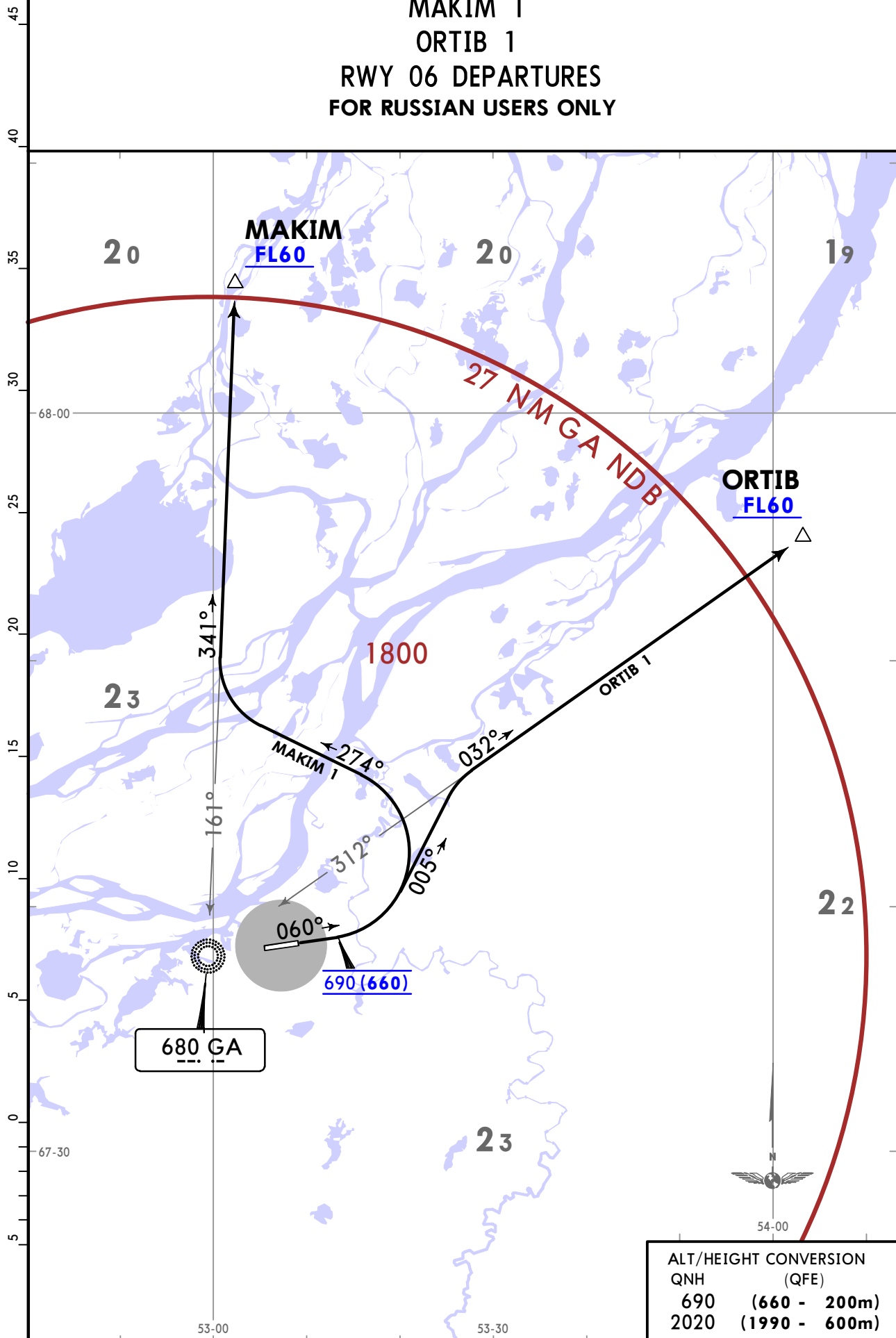
NARYAN-MAR, RUSSIA

SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1990)

MAKIM 1
ORTIB 1
RWY 06 DEPARTURES
FOR RUSSIAN USERS ONLY



CHANGES: New chart (Procedures transferred; new format).

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NARYAN-MAR



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NARYAN-MAR, RUSSIA

11 AUG 17

10-3L

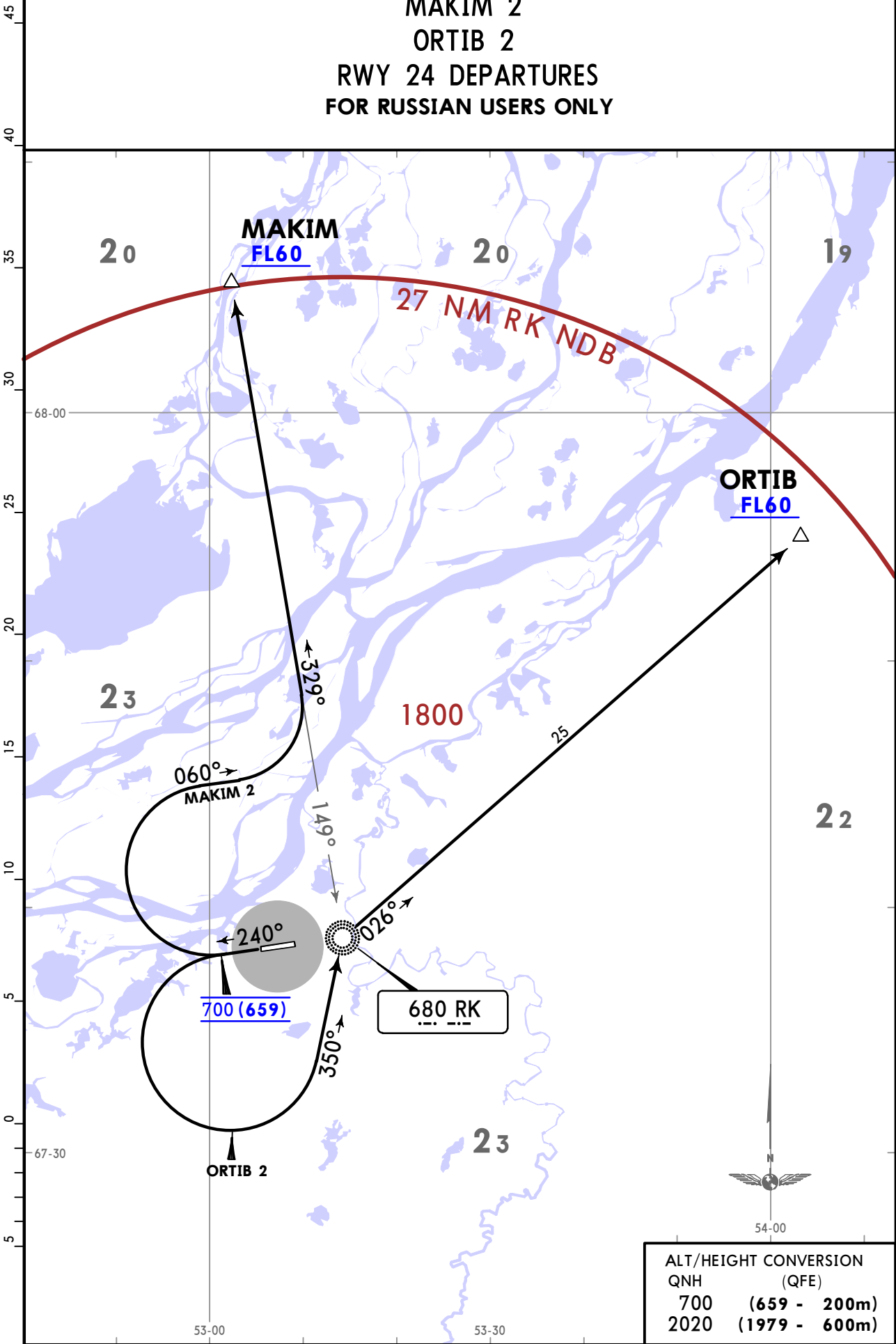
Eff 17 Aug

SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1979)

MAKIM 2
ORTIB 2
RWY 24 DEPARTURES
FOR RUSSIAN USERS ONLY



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NARYAN-MAR, RUSSIA

11 AUG 17

10-3P

Eff 17 Aug

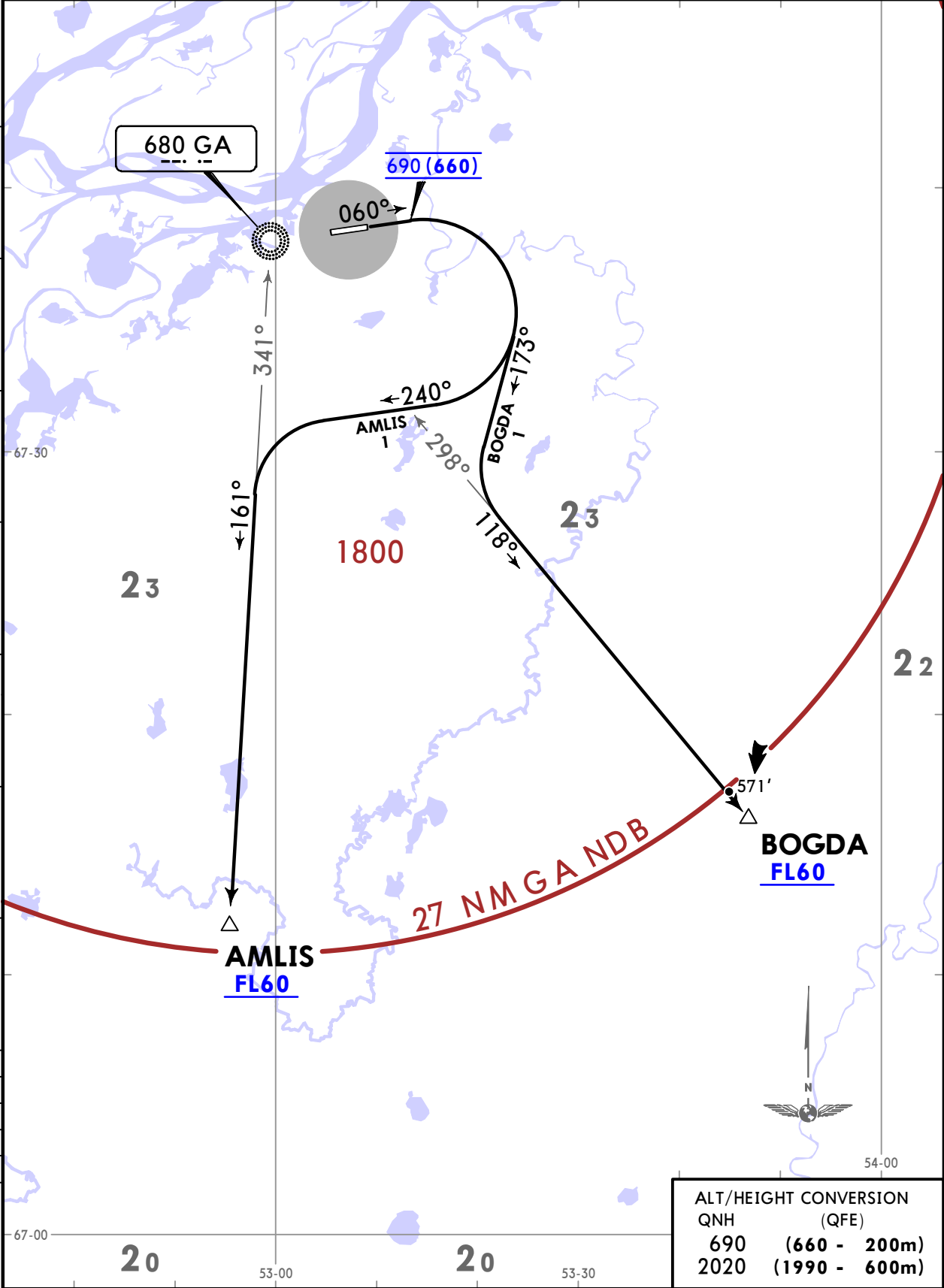
SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1990)

AMLIS 1
BOGDA 1
RWY 06 DEPARTURES
FOR RUSSIAN USERS ONLY

45
40
35
30
25
20
15
10
5
0
5



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NARYAN-MAR



JEPPesen

NARYAN-MAR, RUSSIA

11 AUG 17

10-3Q

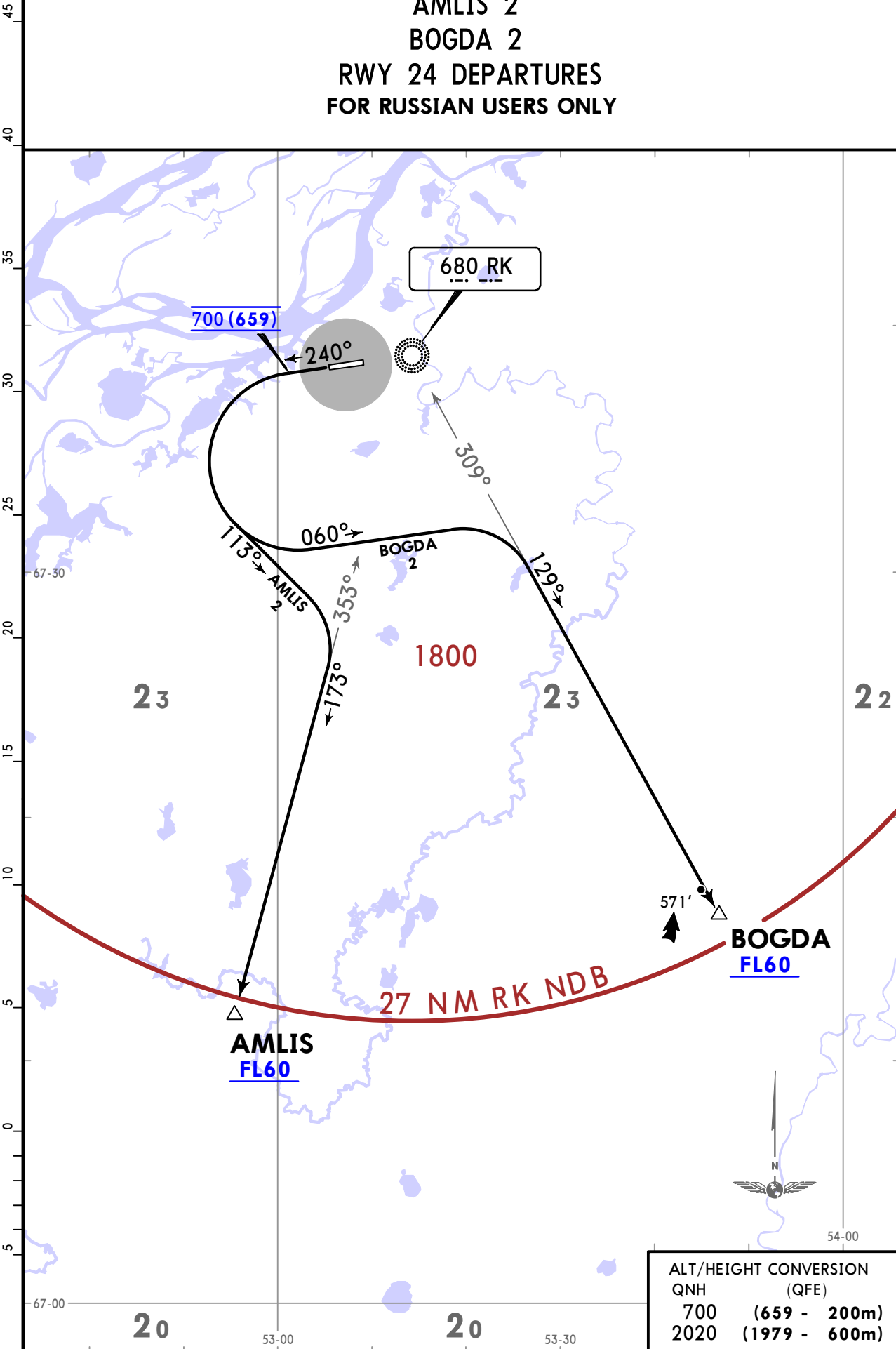
Eff 17 Aug

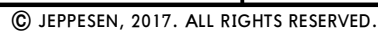
SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1979)

AMLIS 2
BOGDA 2
RWY 24 DEPARTURES
FOR RUSSIAN USERS ONLY



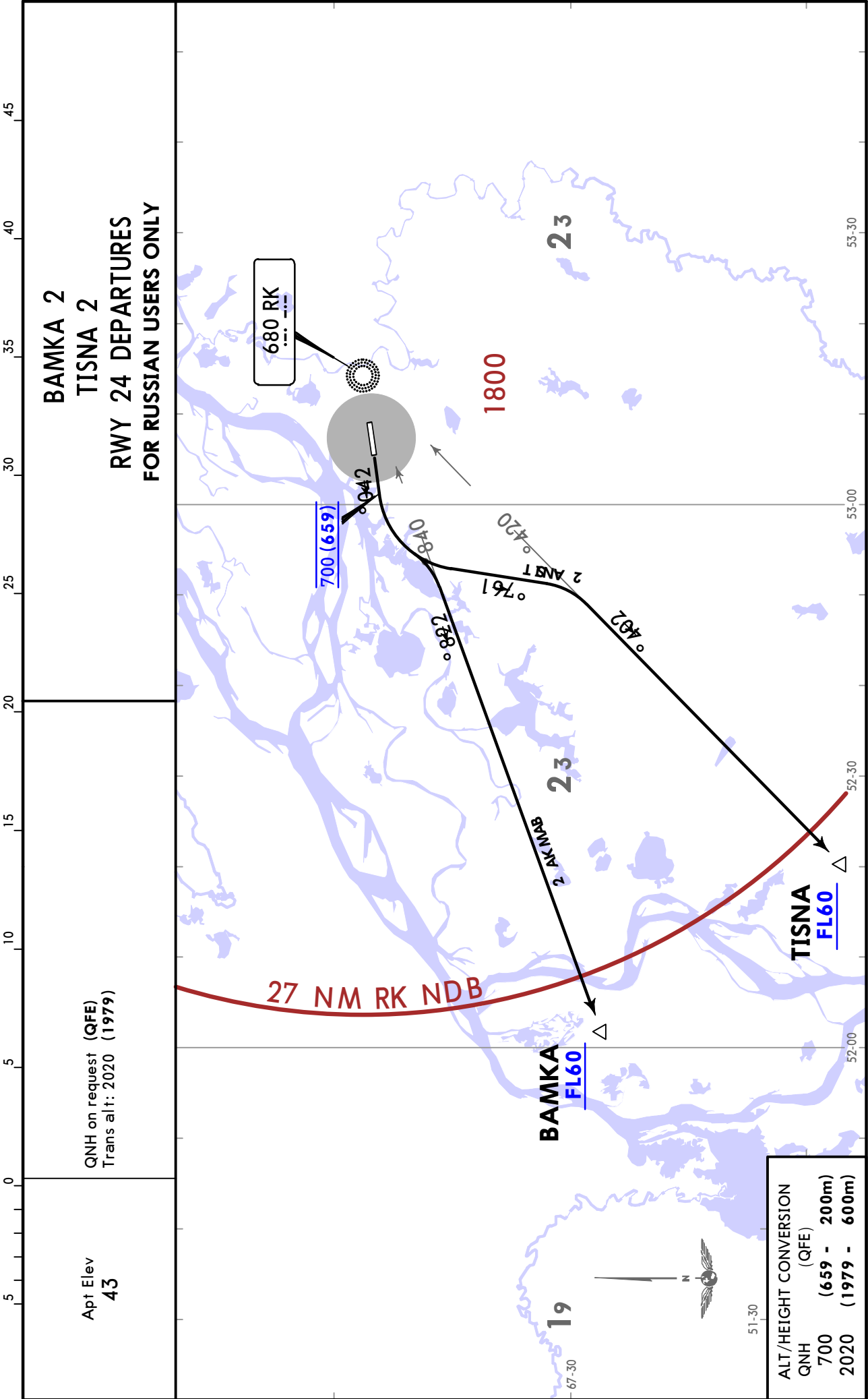


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NARYAN-MAR

JEPPESSEN
11 AUG 17 10-3T Eff 17 Aug

NARYAN-MAR, RUSSIA

SID



ULAM/NNM
NARYAN-MAR

JEPPesen
7 SEP 18 (10-3U) Eff 13 Sep

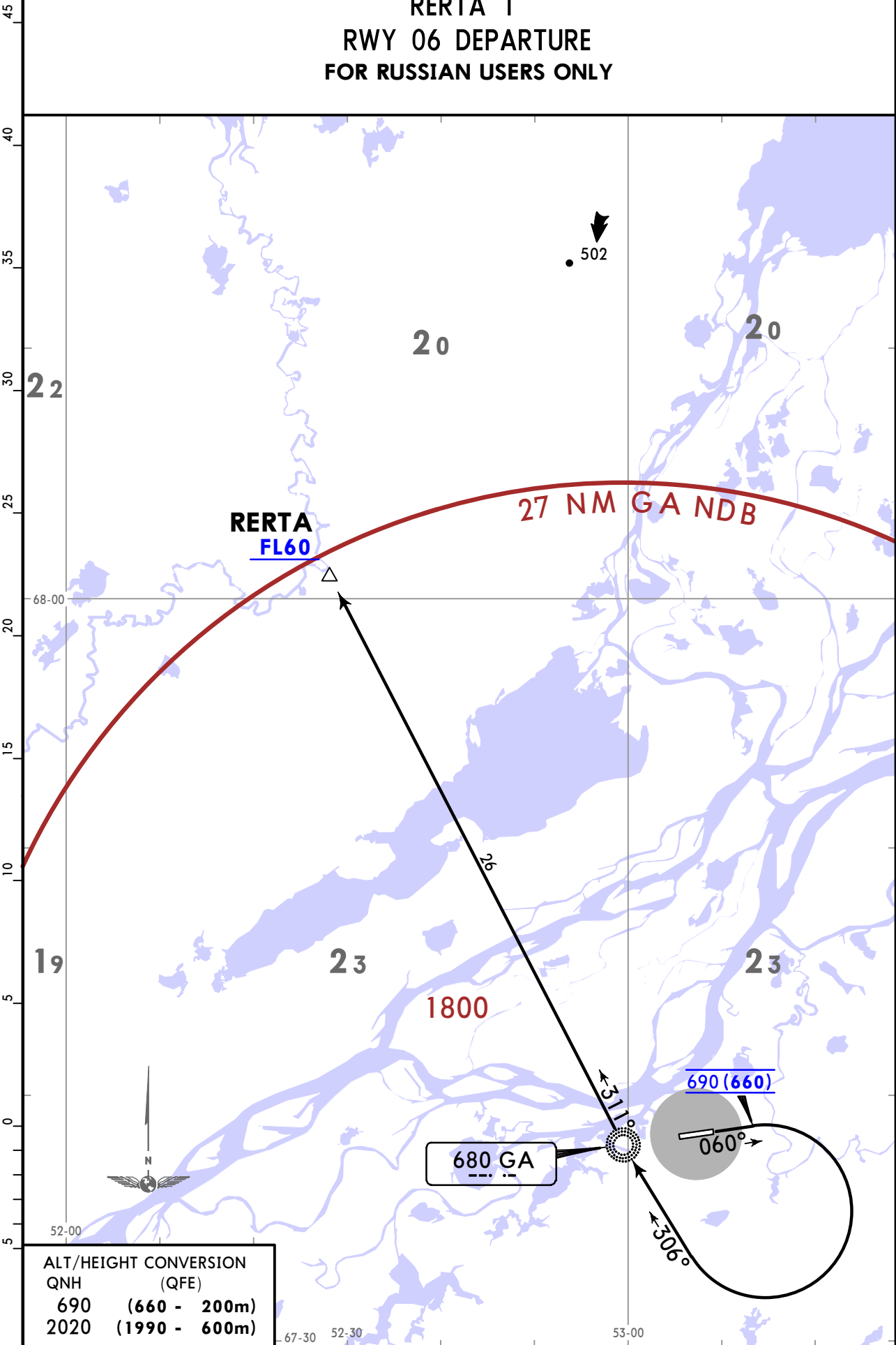
NARYAN-MAR, RUSSIA

SID

Apt Elev
43

QNH on request (QFE)
Trans alt: 2020 (1990)

RERTA 1
RWY 06 DEPARTURE
FOR RUSSIAN USERS ONLY



CHANGES: Airway continuation withdrawn.

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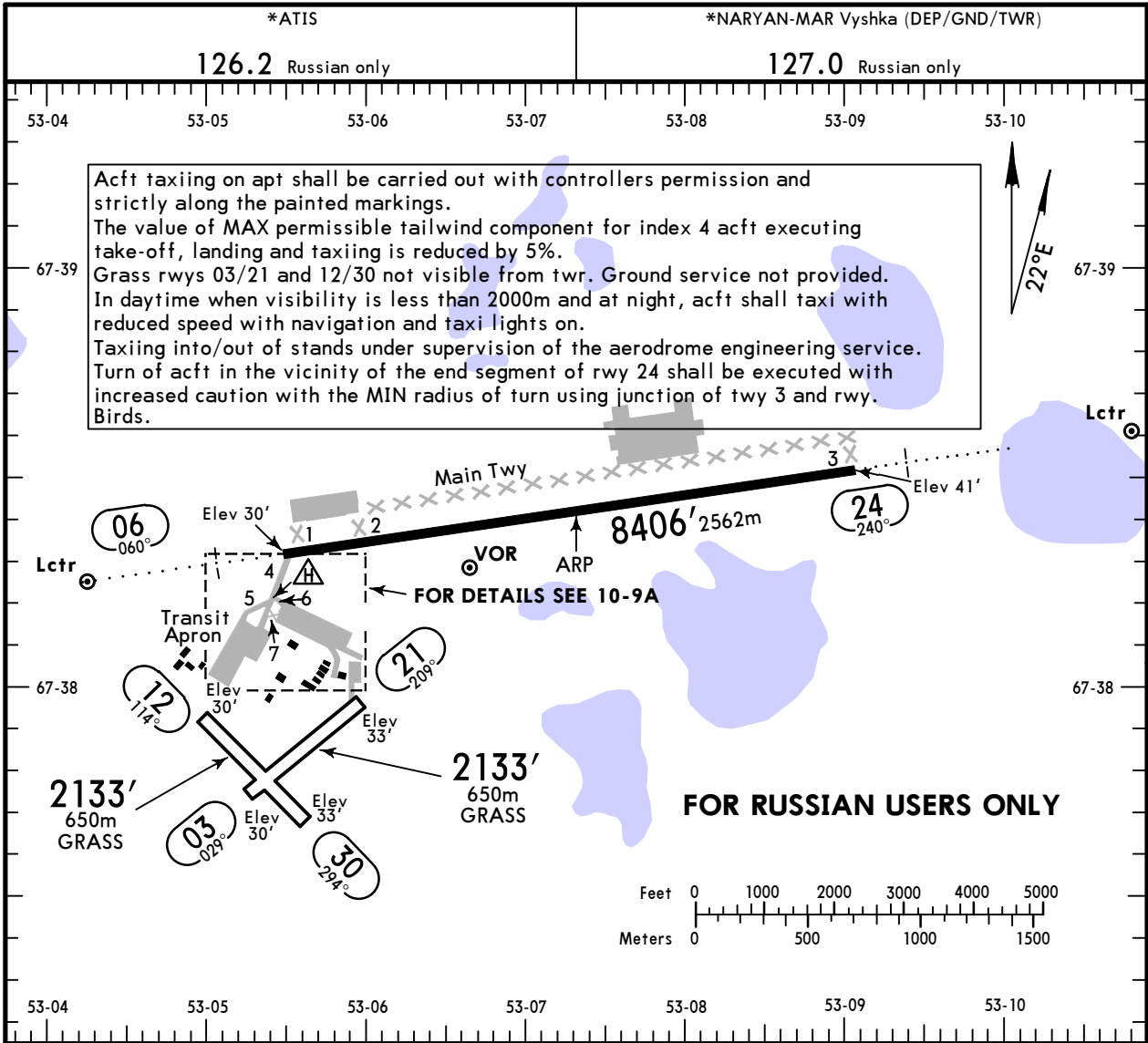
Apt Elev 43'
N67 38.4 E053 07.3

JEPPESSEN

28 DEC 18 10-9 Eff 3 Jan

NARYAN-MAR, RUSSIA

NARYAN-MAR



ADDITIONAL RUNWAY INFORMATION					
RWY		USABLE LENGTHS			WIDTH
		Threshold	Landing Beyond	Take-off	
03					197'
21					60m
06	RL (60m) ALS				131'
24			7373' 2247m	①	40m
12					197'
30					60m

① TAKE OFF RUN AVAILABLE

RWY 24: From rwy head 8406' (2562m)
twy 2 int 1083' (330m)

LOW VISIBILITY PROCEDURES (LVP)

LVP applied when RVR is 600m or less.

The following is prohibited during LVP:

- take-off not from the runway beginning.
- take-off without stop on the line-up position.

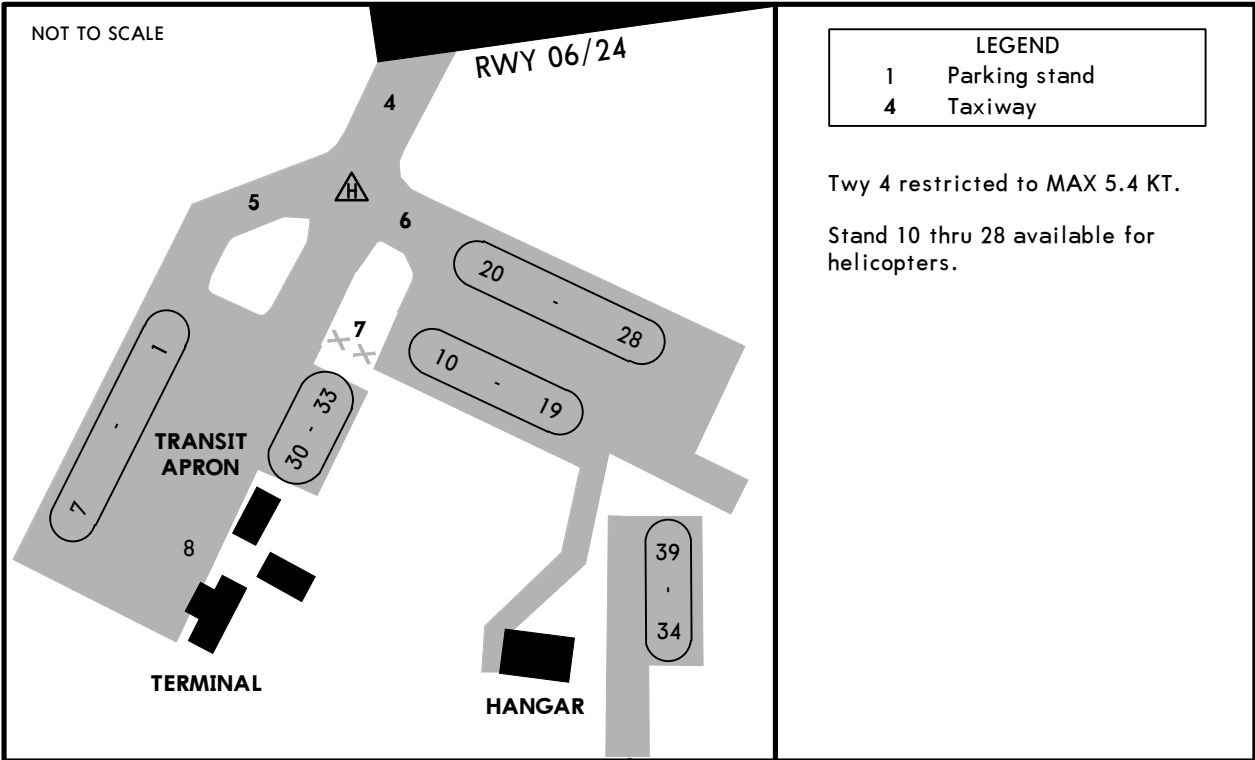
TAKE-OFF		
AIR CARRIER (JAA)		
All Rwys		
LVP must be in force		
RCLM (DAY only)		RCLM (DAY only)
or RL		or RL
A		
B	250m	400m
C		
D	300m	

CHANGES: Taxiways closed.

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NARYAN-MAR, RUSSIA
NARYAN-MAR



INS COORDINATES	
STAND No.	COORDINATES
1 thru 3	N67 38.1 E053 05.2
4 thru 6	N67 38.1 E053 05.1
7	N67 38.0 E053 05.0
8	N67 39.0 E053 05.2
30 thru 33	N67 38.1 E053 05.3

ULAM/NNM

JEPPesen
26 APR 19 **10-9S**
Standard
NARYAN-MAR, RUSSIA
NARYAN-MAR

STRAIGHT-IN RWY	A	B	C	D
06				
GLS	230' (200')	230' (200')	230' (200')	234' (204')
FULL	R1000m	R1000m	R1000m	R1000m
ALS out	R1200m	R1200m	R1200m	R1200m
RNAV (GNSS)	400' (370')	400' (370')	400' (370')	400' (370')
LNAV	R1500m	R1500m	R1500m	R1500m
ALS out	R1500m	R1500m	R1700m	R1700m
① VOR	460' (430')	460' (430')	460' (430')	460' (430')
	R1500m	R1500m	R1800m	R1800m
ALS out	R1500m	R1500m	R2000m	R2000m
① 2 NDB	400' (370')	400' (370')	400' (370')	400' (370')
with FAF	R1500m	R1500m	R1500m	R1500m
ALS out	R1500m	R1500m	R1700m	R1700m
2 NDB	750' (720')	750' (720')	920' (890')	920' (890')
w/o FAF	R3300m	R3300m	R4200m	R4200m
ALS out	R3500m	R3500m	R4400m	R4400m
① GA NDB	430' (400')	430' (400')	430' (400')	430' (400')
with FAF	R1500m	R1500m	R1600m	R1600m
ALS out	R1500m	R1500m	R1800m	R1800m
GA NDB	750' (720')	750' (720')	920' (890')	920' (890')
w/o FAF	R3300m	R3300m	R4200m	R4200m
ALS out	R3500m	R3500m	R4400m	R4400m
24				
ILS	241' (200')	241' (200')	241' (200')	241' (200')
FULL	R1000m	R1000m	R1000m	R1000m
ALS out	R1200m	R1200m	R1200m	R1200m
GLS	241' (200')	241' (200')	245' (204')	255' (214')
FULL	R1000m	R1000m	R1000m	R1000m
ALS out	R1200m	R1200m	R1200m	R1200m
LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
RNAV (GNSS)	370' (329')	370' (329')	370' (329')	370' (329')
LNAV	R1300m	R1300m	R1300m	R1300m
ALS out	R1500m	R1500m	R1500m	R1500m
① VOR	440' (399')	440' (399')	440' (399')	440' (399')
	R1500m	R1500m	R1600m	R1600m
ALS out	R1500m	R1500m	R1800m	R1800m
① 2 NDB	400' (359')	400' (359')	400' (359')	400' (359')
with FAF	R1400m	R1400m	R1400m	R1400m
ALS out	R1500m	R1500m	R1600m	R1600m
2 NDB	760' (719')	760' (719')	830' (789')	830' (789')
w/o FAF	R3300m	R3300m	R3800m	R3800m
ALS out	R3500m	R3500m	R4000m	R4000m
① RK NDB	440' (399')	440' (399')	440' (399')	440' (399')
with FAF	R1500m	R1500m	R1600m	R1600m
ALS out	R1500m	R1500m	R1800m	R1800m
RK NDB	770' (729')	770' (729')	840' (799')	840' (799')
w/o FAF	R3400m	R3400m	R3800m	R3800m
ALS out	R3600m	R3600m	R4000m	R4000m

① Continuous Descent Final Approach.

ULAM/NNM



Standard
NARYAN-MAR, RUSSIA
NARYAN-MAR

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
After RNAV or GLS	530'(487') V1500m	550'(507') V1600m	650'(607') V2400m	750'(707') V3600m

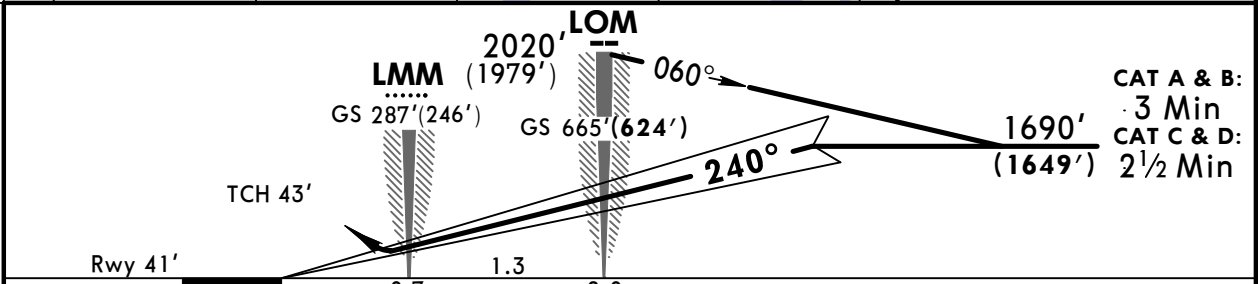
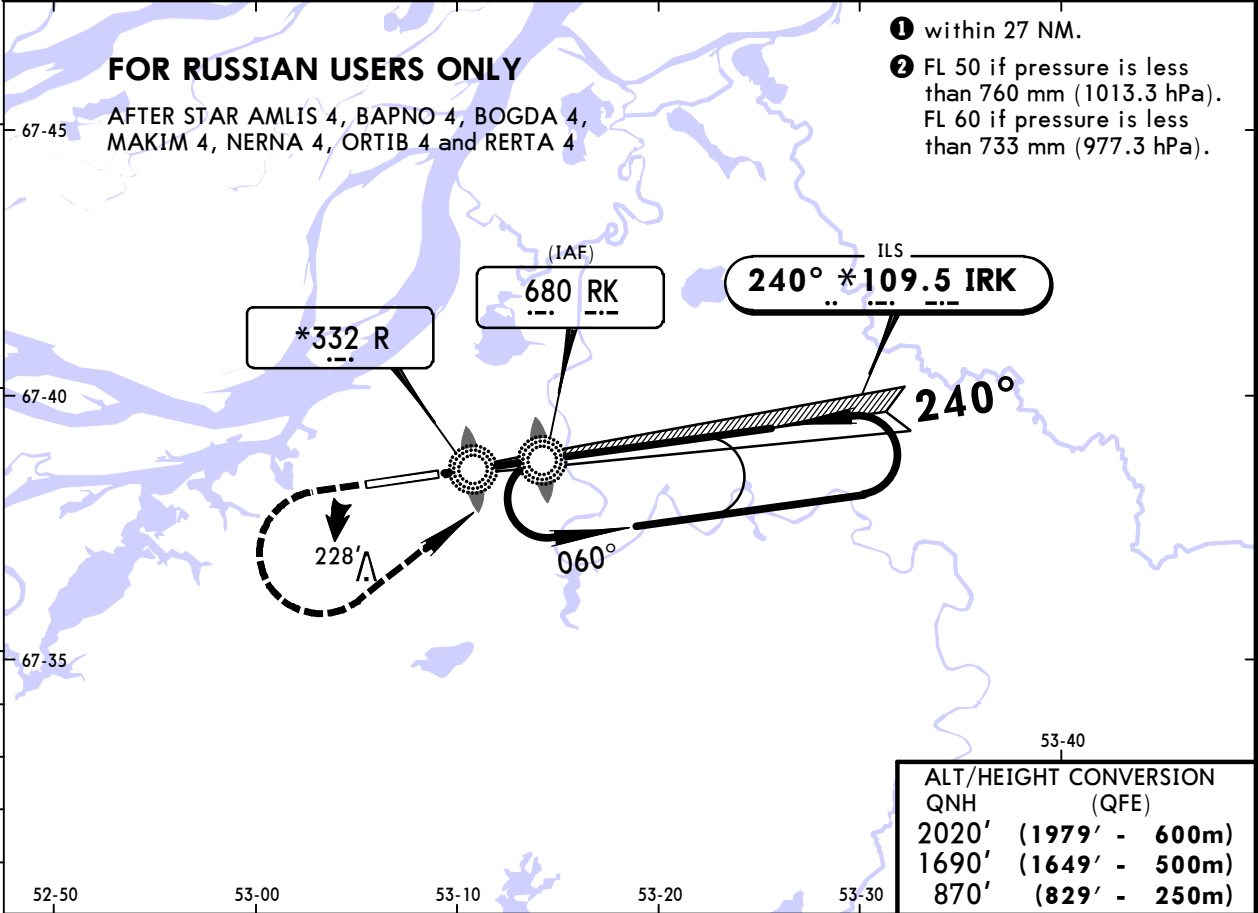
TAKE-OFF		
	Low Visibility Take-off	
	Day: RL & RCLM Night: RL	Day: RL or RCLM Night: RL
A		Adequate vis ref (Day only)
B		
C	R300m	400m
D		500m

ULAM/NNM
NARYAN-MAR

JEPPESSEN
22 JUN 18 (11-1)

NARYAN-MAR, RUSSIA
via Racetrack ILS Rwy 24

*ATIS		*NARYAN-MAR Podkhod (APP)		*NARYAN-MAR Vyshka (TWR)		*Ground	
126.2 Russian only		122.0 Russian only		127.0 Russian only		127.0 Russian only	
LOC IRK *109.5	Final Apch Crs 240°	GS LOM 665'(624')	ILS DA(H) 241'(200')	Apt Elev 43' Rwy 41'		1800' MSA RK NDB ①	
MISSED APCH: Climb to 870'(829'), then turn LEFT to RK NDB climbing to 1690'(1649'), then turn RIGHT to final according to chart or to holding area.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 ②			



Gnd speed-Kts	70	90	100	120	140	160	ALS 870' (829')	RK 680 LT
GS	2.67°	331	425	472	567	661		

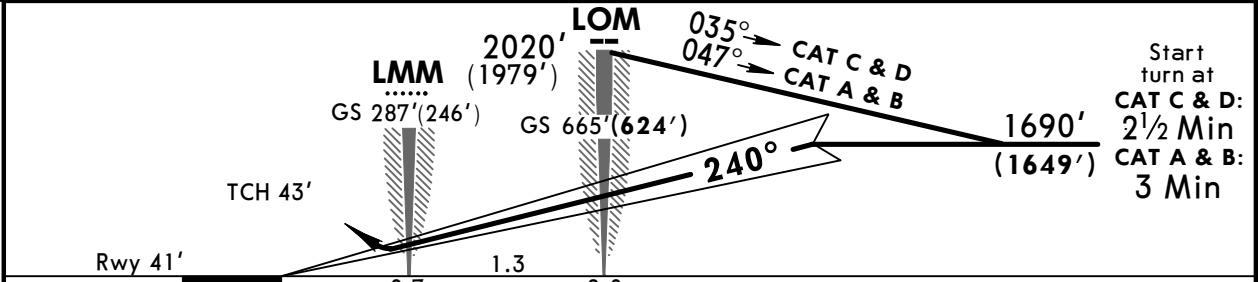
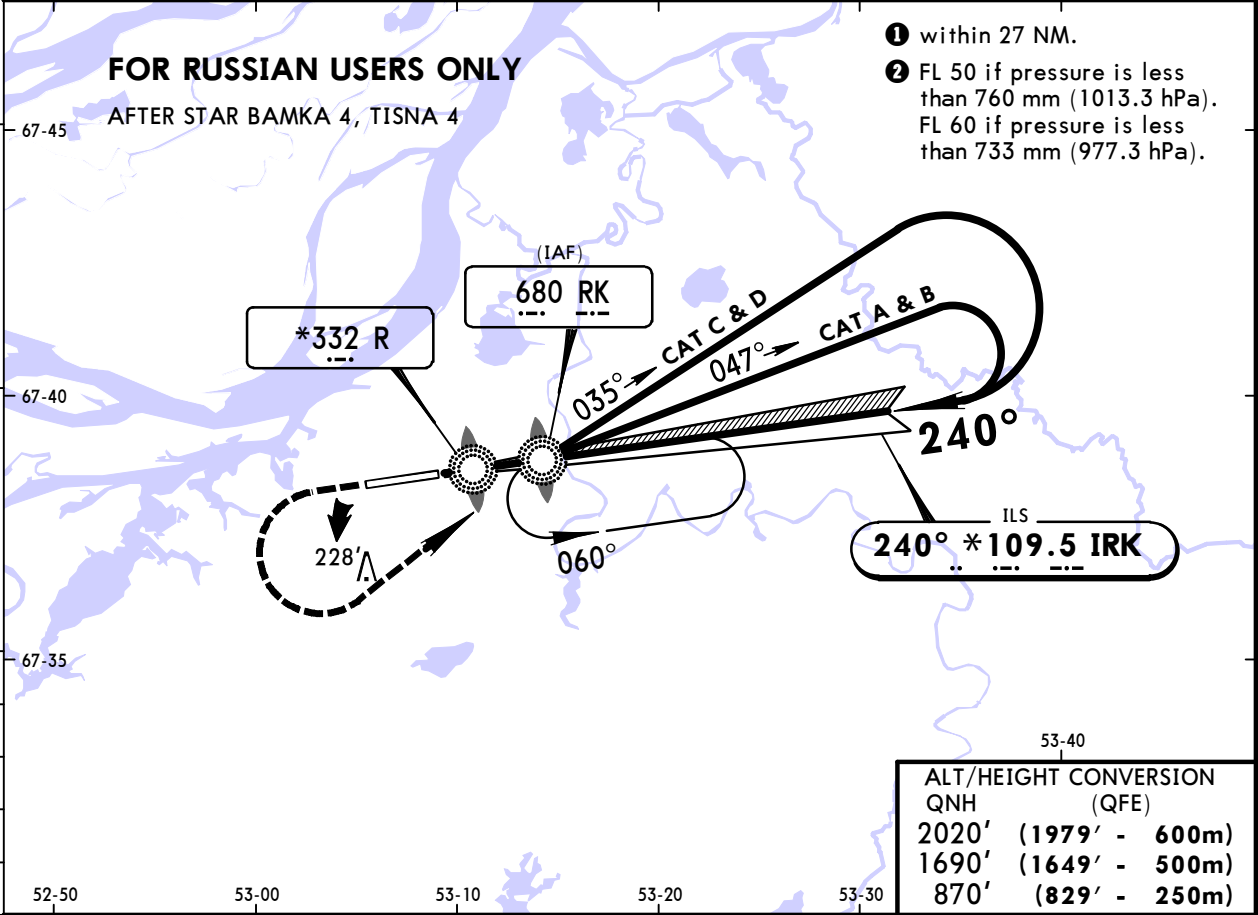
STRAIGHT-IN LANDING RWY 24			
ILS		LOC (GS out)	
DA(H) 241'(200')			
FULL	ALS out		
A	1200m		NOT AUTHORIZED
B			
C			
D			

ULAM/NNM
NARYAN-MAR

JEPPESSEN
22 JUN 18 11-2

NARYAN-MAR, RUSSIA
via Baceturn ILS Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
LOC IRK *109.5	Final Apch Crs 240°	GS LOM 665'(624')	ILS DA(H) 241'(200')
Apt Elev 43' Rwy 41'			1800' MSA RK NDB ①
MISSED APCH: Climb to 870'(829'), then turn LEFT to RK NDB climbing to 1690'(1649'), then turn RIGHT to final according to chart or to holding area.			
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 ②	Trans alt: 2020'(1979')



Gnd speed-Kts	70	90	100	120	140	160	ALS	870' (829')	RK 680
GS	2.67°	331	425	472	567	661	756	↑	LT

STRAIGHT-IN LANDING RWY 24		LOC (GS out)	
ILS		LOC (GS out)	
DA(H) 241'(200')			
FULL	ALS out		
A			
B			
C	1200m	NOT AUTHORIZED	
D			

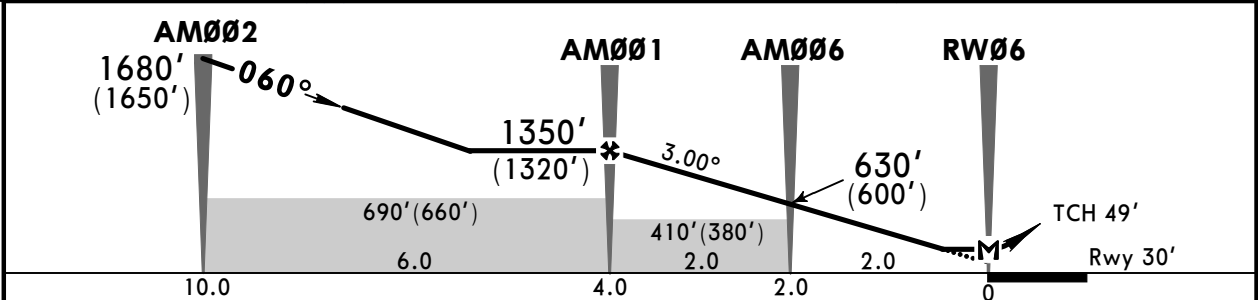
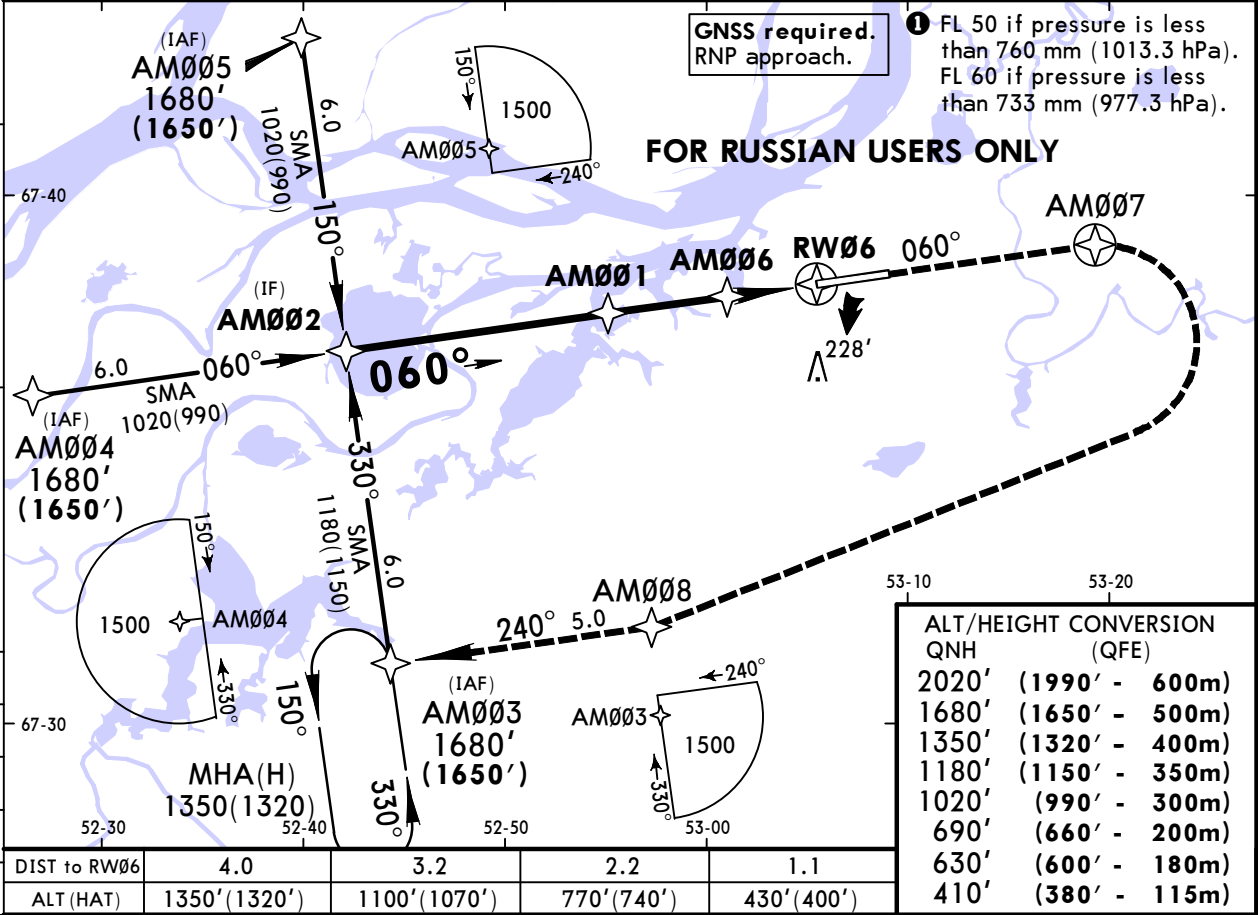
ULAM/NNM
NARYAN-MAR

JEPPESEN
26 APR 19 12-1

NARYAN-MAR, RUSSIA
RNAV (GNSS) Rwy 06

*ATIS 126.2 Russian only		*NARYAN-MAR Podkhod (APP) 122.0 Russian only		*NARYAN-MAR Vyshka (TWR) 127.0 Russian only		*Ground 127.0 Russian only	
RNAV	Final Apch Crs 060°	Procedure Alt AM001 1350'(1320')	LNAV MDA(H) 400'(370')	Apt Elev 43' Rwy 30'		TAA 25 NM IAF	
MISSED APCH: Climb on 060° to AM007, then turn RIGHT to AM008, then to AM003 climbing to 1350'(1320') or above, then according to chart or to holding area.							

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 1 Trans alt: 2020' (1990')



Gnd speed-Kts	70	90	100	120	140	160	ALS ↑ on 060°
Descent Angle	3.00°	372	478	531	637	849	
MAP at RW06							

STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND			
LNAV							
MDA(H) 400' (370')							
ALS out				Max Kts	MDA(H)		
A				100	530' (487')	1600m	
B	1600m			135	550' (507')	1600m	
C				180	640' (597')	2400m	
D	2000m			205	740' (697')	3600m	

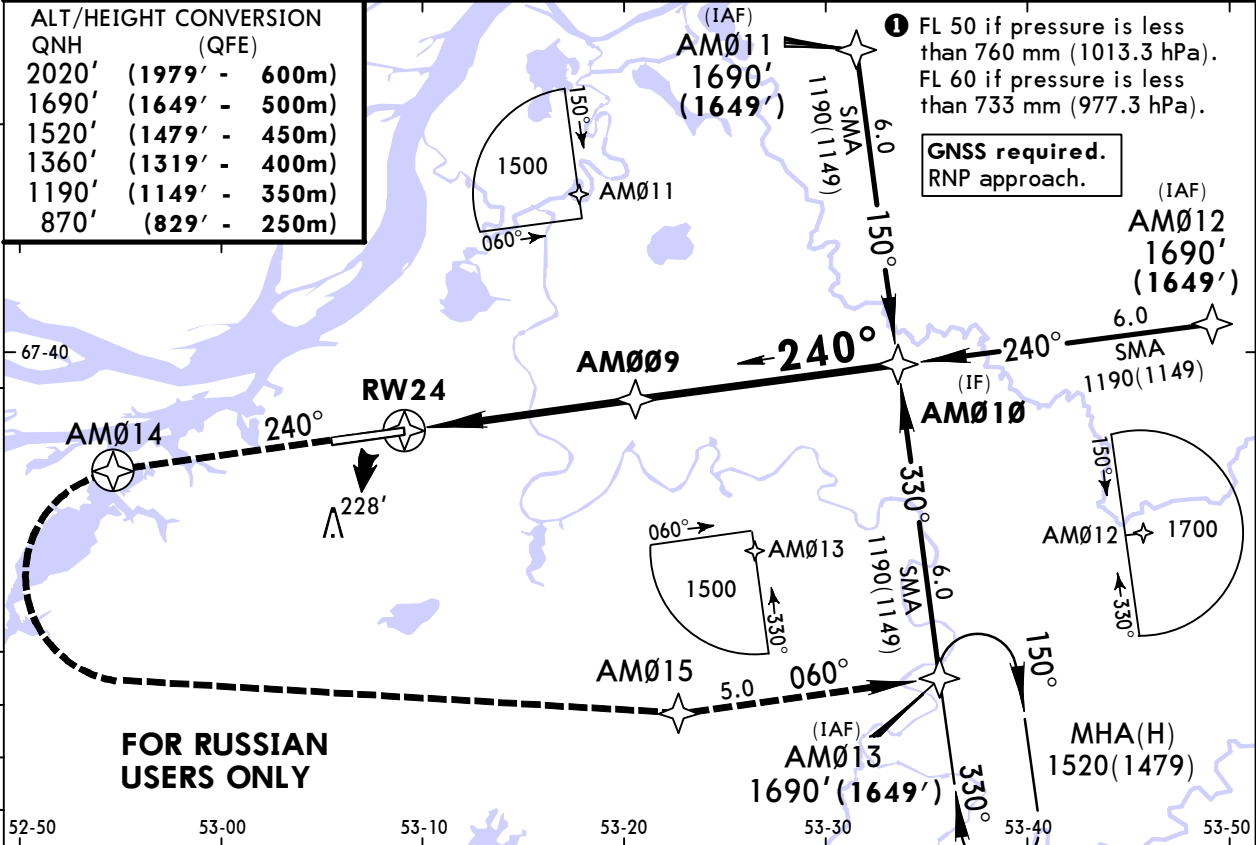
ULAM/NNM
NARYAN-MAR

JEPPESSEN
26 APR 19 12-2

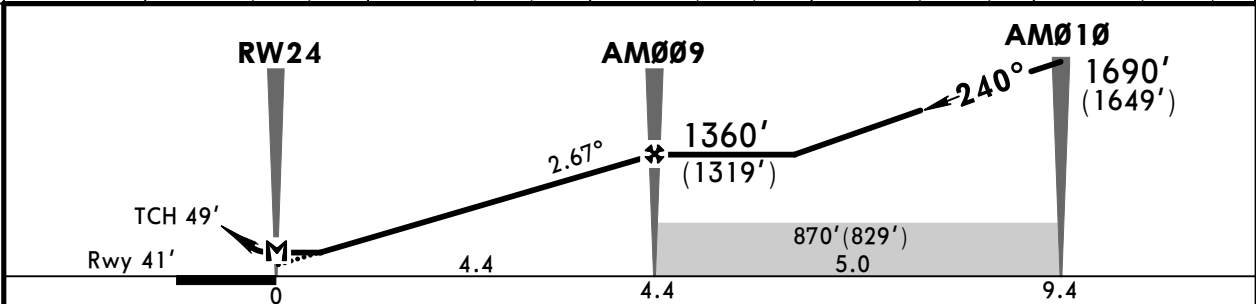
NARYAN-MAR, RUSSIA
RNAV (GNSS) Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
RNAV	Final Apch Crs 240°	Procedure Alt AM009 1360' (1319')	LNAV MDA(H) 370' (329')
Apt Elev 43' Rwy 41'			TAA 25 NM IAF
MISSED APCH: Climb on 240° to AM014, then turn LEFT to AM015, then to AM013 climbing to 1520' (1479') or above, then according to chart or to holding area.			

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 1 Trans alt: 2020' (1979')



DIST to RW24	1.1	2.2	3.2	4.3	4.4
ALT (HAT)	410' (369')	720' (679')	1010' (969')	1330' (1289')	1360' (1319')



Gnd speed-Kts	70	90	100	120	140	160	ALS	AM014
Descent Angle	2.67°	331	425	472	567	756	...	on 240°
MAP at RW 24								

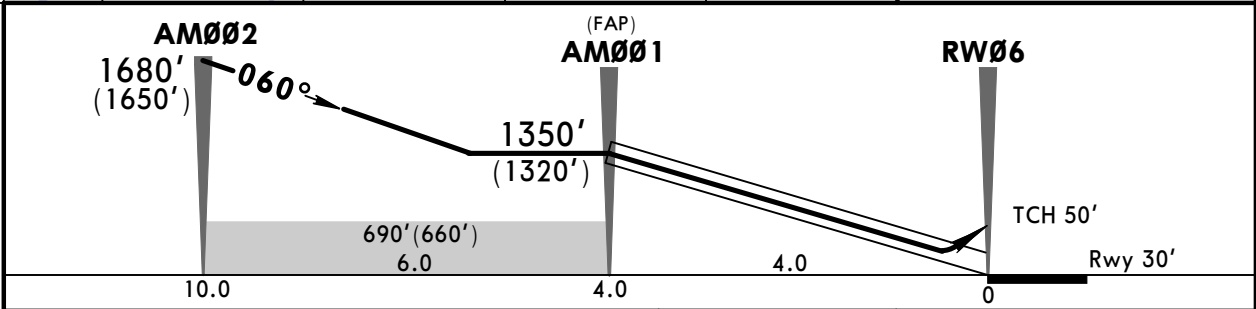
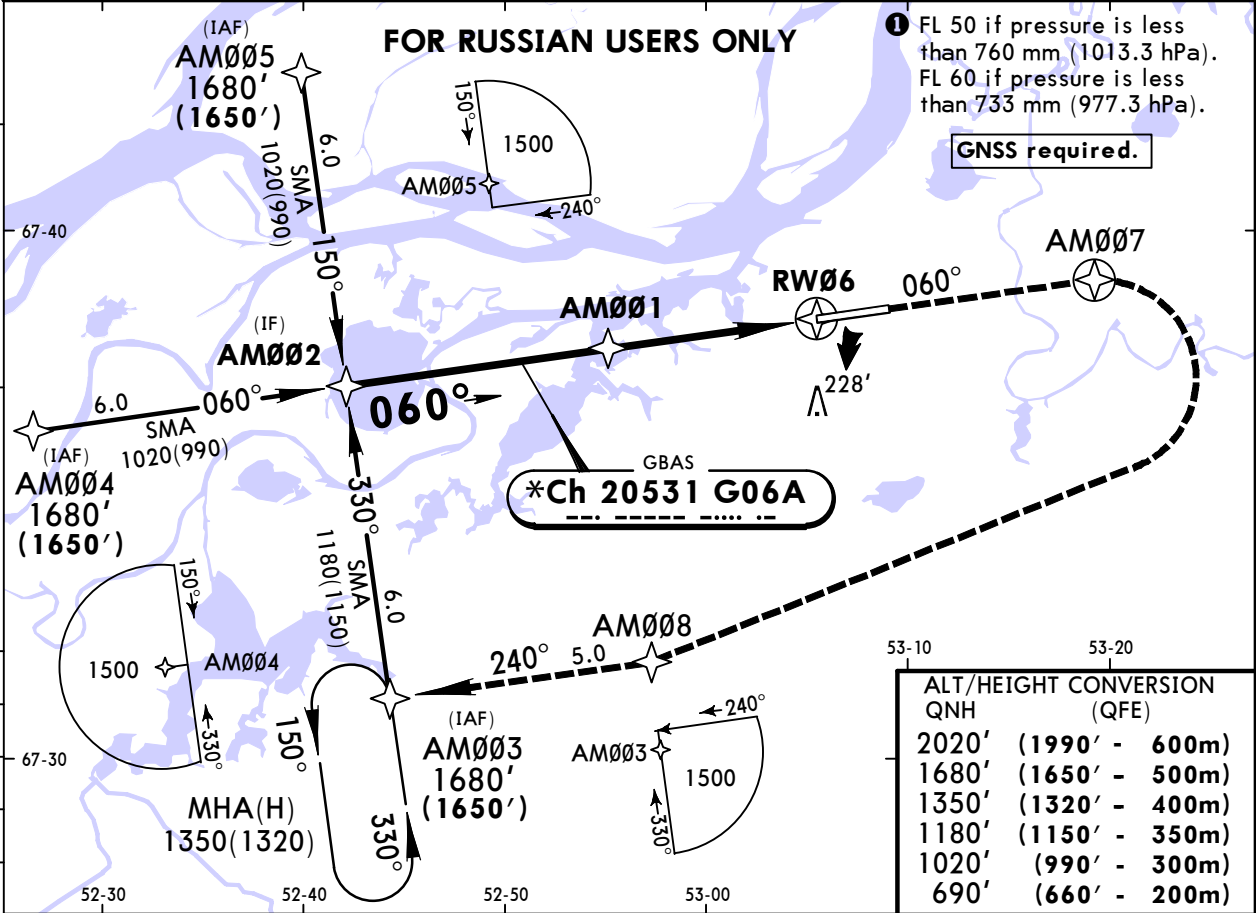
STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND			
LNAV							
MDA(H) 370' (329')							
ALS out				Max Kts	MDA(H)		
A				100	530' (487')	1600m	
B				135	550' (507')	1600m	
C	1600m			180	640' (597')	2400m	
D				205	740' (697')	3600m	

ULAM/NNM
NARYAN-MAR

22 JUN 18 **12-40**

NARYAN-MAR, RUSSIA
GLS Rwy 06

*ATIS 126.2 Russian only		*NARYAN-MAR Podkhod (APP) 122.0 Russian only		*NARYAN-MAR Vyshka (TWR) 127.0 Russian only		*Ground 127.0 Russian only	
GBAS * Ch 20531 G06A		Final Apch Crs 060°	Procedure Alt AM001 1350' (1320')	GLS DA(H) Refer to Minimums	Apt Elev 43' Rwy 30'	TAA 25 NM IAF	
MISSED APCH: Climb on 060° to AM007, then turn RIGHT to AM008, then to AM003 climbing to 1350' (1320') or above, then according to chart or to holding area.							
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 40 1		Trans alt: 2020' (1990')	



Gnd speed-Kts	70	90	100	120	140	160	ALS on 060°
Glide Path Angle	3.00°	372	478	531	637	849	
MAP at DA							

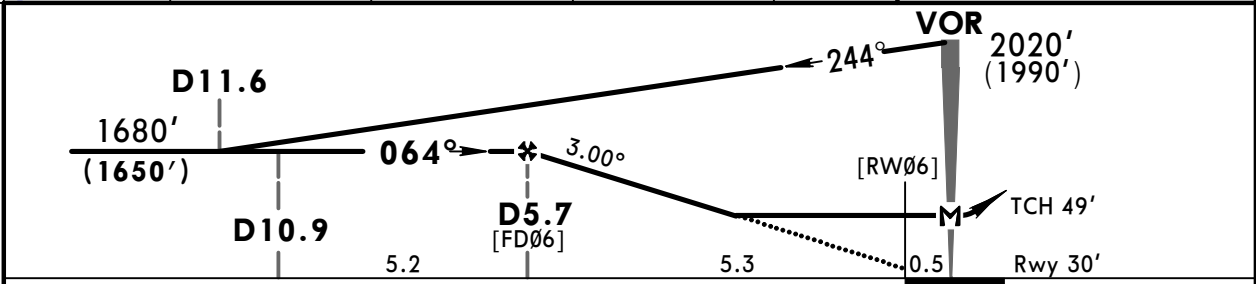
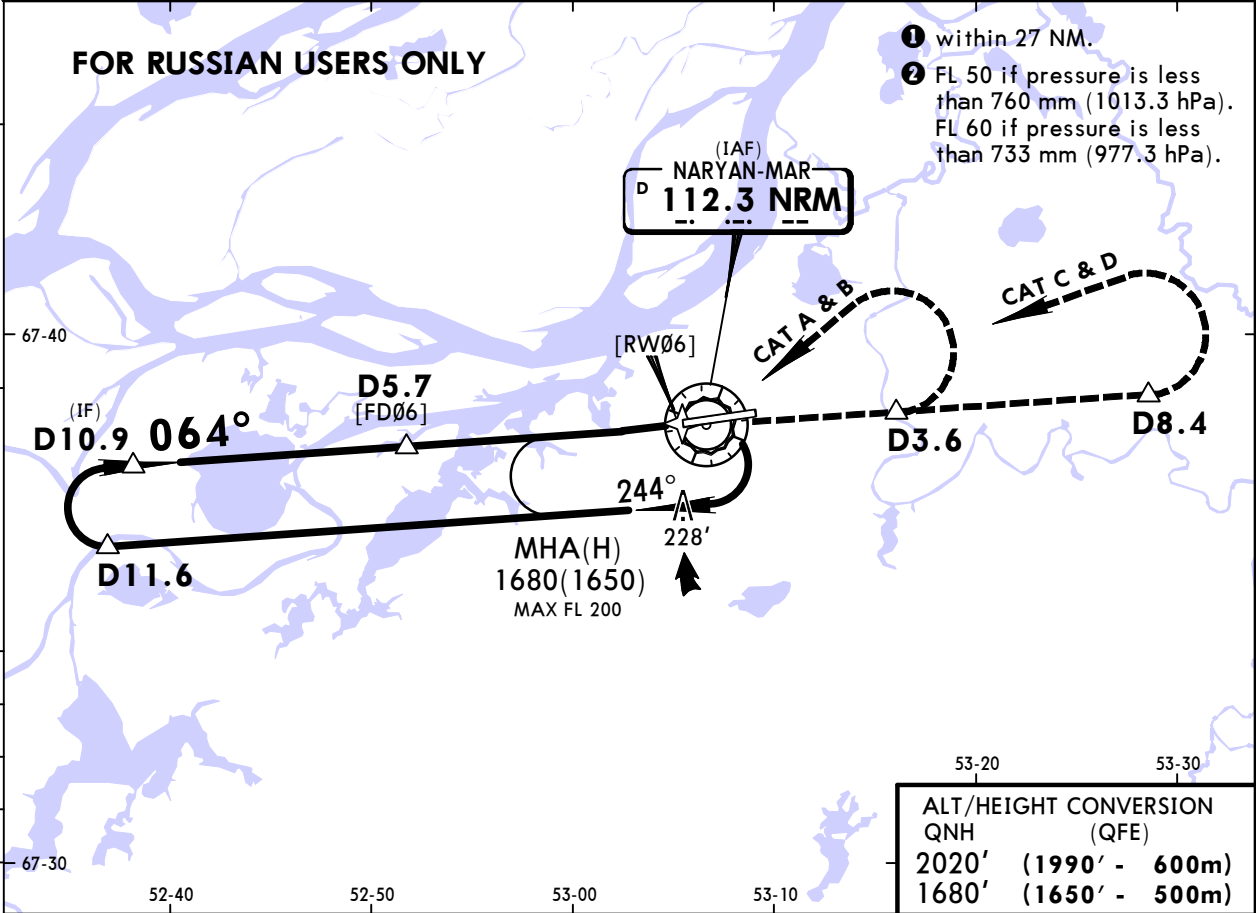
STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND		
DA(H) ABC: 230'(200') D: 234'(204')						
FULL		ALS out		Max Kts	MDA(H)	
A	1200m			100	530' (487')	1600m
B				135	550' (507')	1600m
C				180	640' (597')	2400m
D				205	740' (697')	3600m

ULAM/NNM
NARYAN-MAR

JEPPESSEN
7 SEP 18
Eff 13 Sep 13-1

NARYAN-MAR, RUSSIA
via Racetrack **VOR Rwy 06**

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 064°	Minimum Alt D5.7 1680' (1650')	MDA(H) 460' (430')
Apt Elev 43' Rwy 30'			1800
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1680' (1650'), then turn to final according to chart.			
MSA NRM VOR ①			
DME required	Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 ② Trans alt: 2020' (1990')



Gnd speed-Kts	70	90	100	120	140	160	ALS	Refer to Missed Apch above
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at VOR								

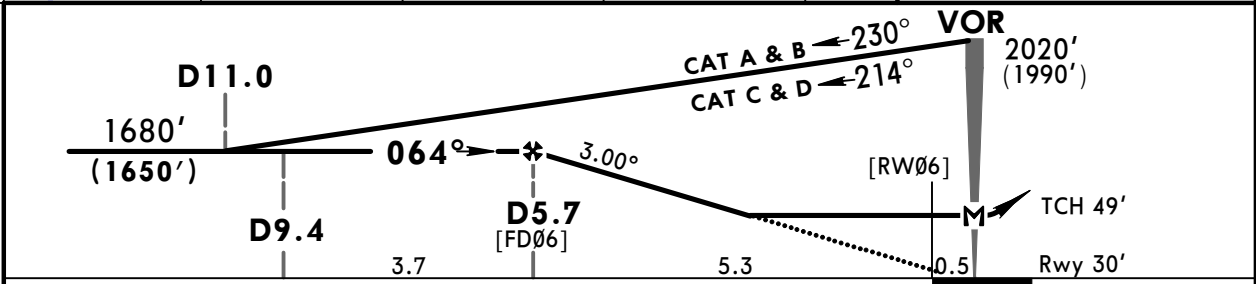
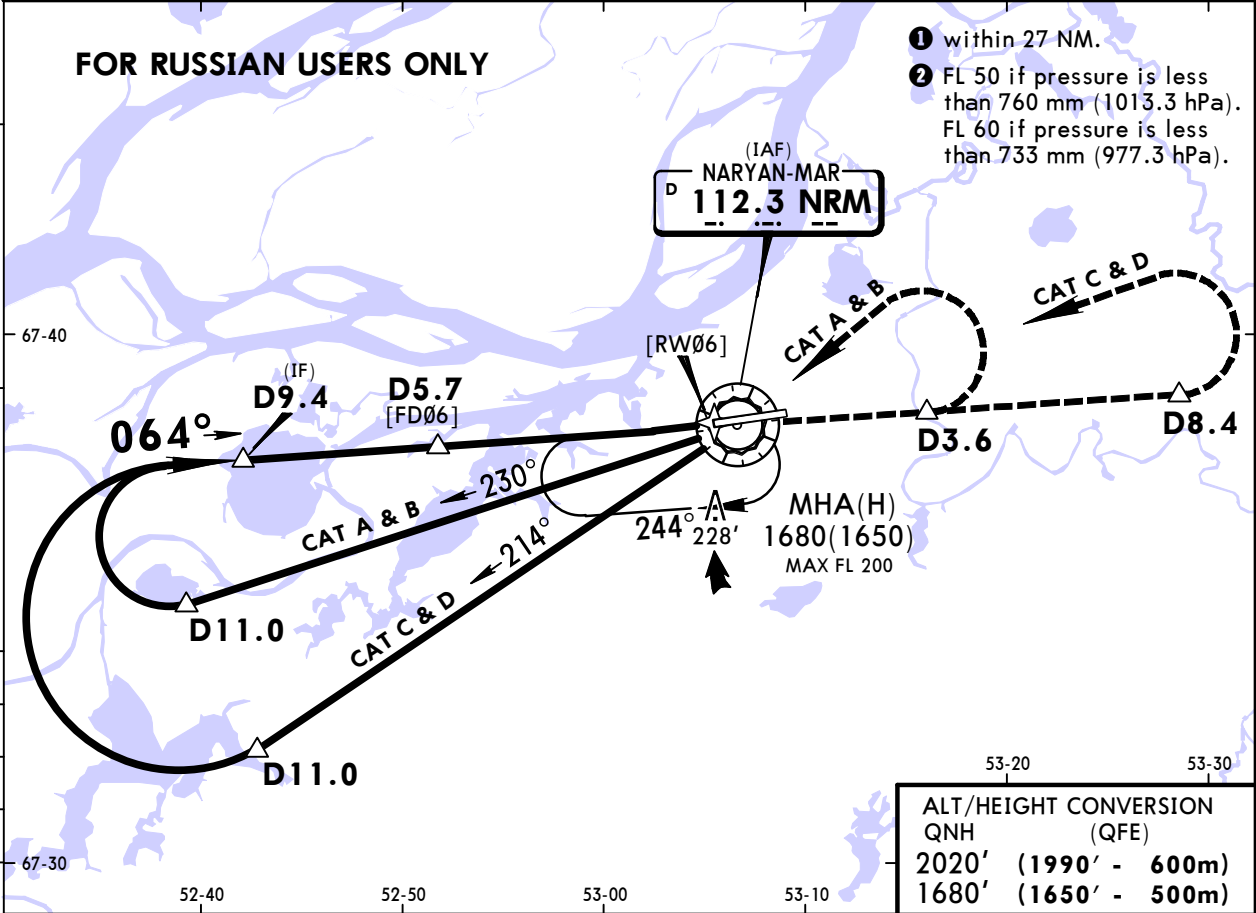
STRAIGHT-IN LANDING RWY 06			
MDA(H) 460' (430')		ALS out	
A	1600m		
B			
C	2000m		
D	2400m		

ULAM/NNM
NARYAN-MAR

JEPPESSEN
7 SEP 18
Eff 13 Sep (13-2)

NARYAN-MAR, RUSSIA
via Baseturn **VOR Rwy 06**

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 064°	Minimum Alt D5.7 1680' (1650')	MDA(H) 460' (430')
		Apt Elev 43'	Rwy 30'
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1680' (1650'), then turn to final according to chart.			
DME required Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ② Trans alt: 2020' (1990')			



Gnd speed-Kts	70	90	100	120	140	160	ALS	Refer to Missed Apch above
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at VOR								

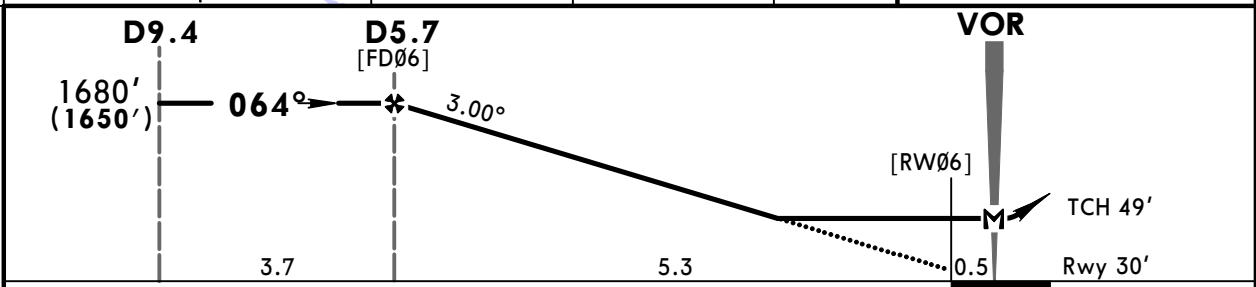
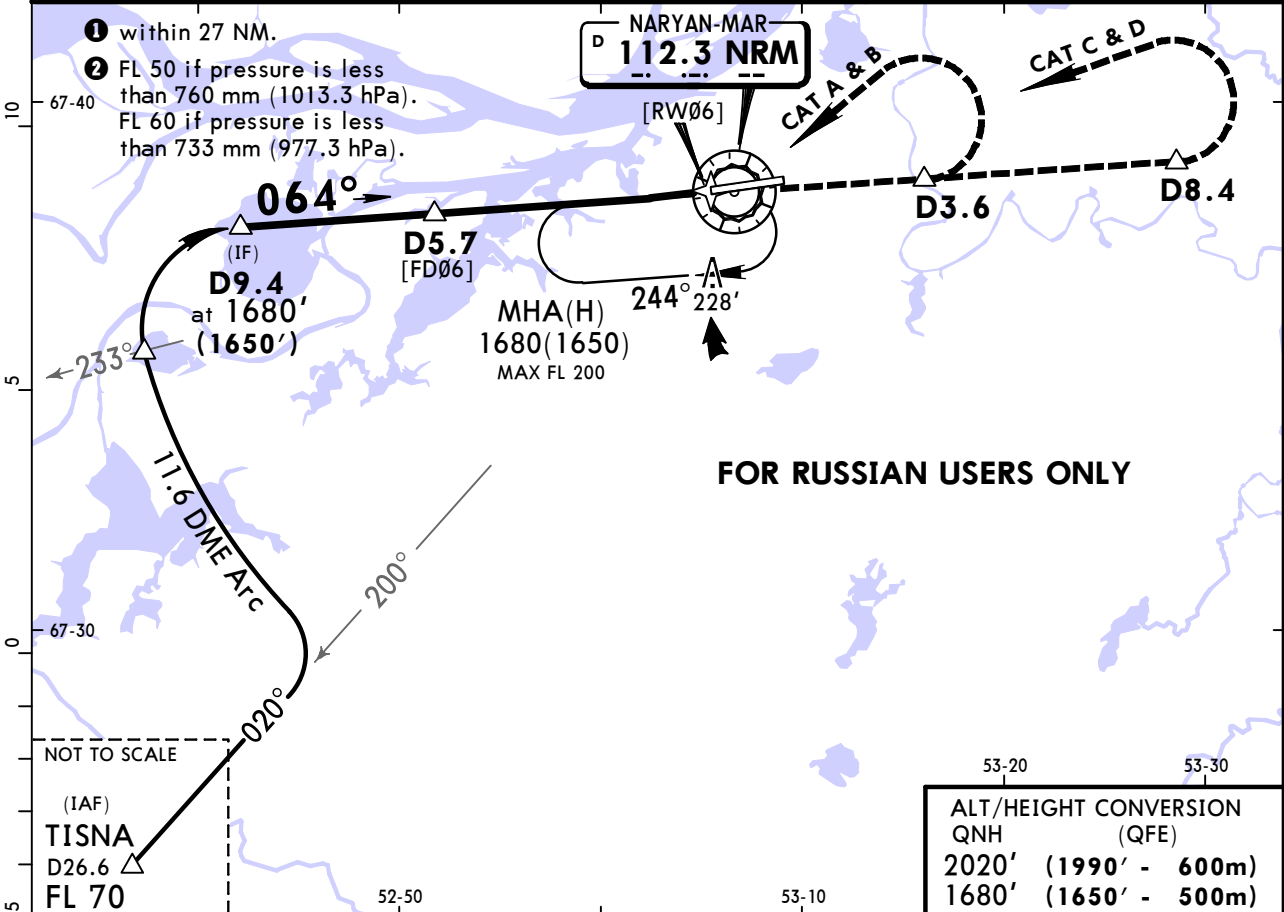
STRAIGHT-IN LANDING RWY 06			
MDA(H) 460' (430')		ALS out	
A	1600m		
B			
C	2000m		
D	2400m		

ULAM/NNM
NARYAN-MAR

JEPPESSEN
7 SEP 18
Eff 13 Sep **13-3**

NARYAN-MAR, RUSSIA
via Arc **VOR Rwy 06**

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 064°	Minimum Alt D5.7 1680' (1650')	MDA(H) 460' (430')
		Apt Elev 43' Rwy 30'	
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1680' (1650'), then turn to final according to chart.			
DME required Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ② Trans alt: 2020' (1990')			



Gnd speed-Kts	70	90	100	120	140	160	ALS Refer to Missed Apch above
Descent Angle 3.00°	372	478	531	637	743	849	
MAP at VOR							

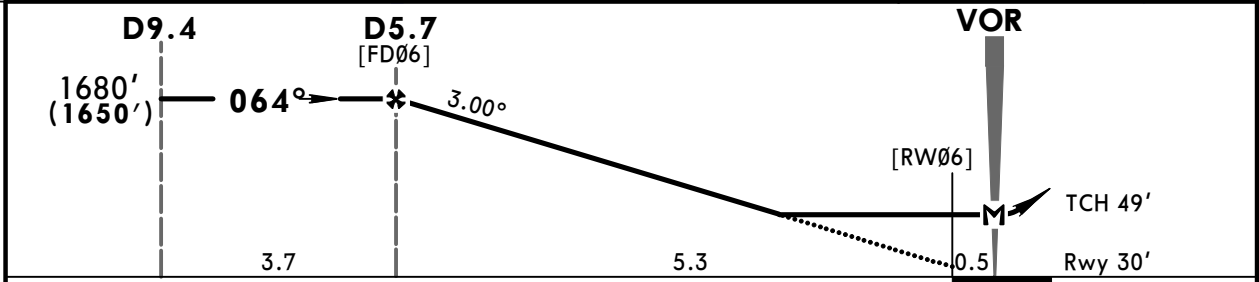
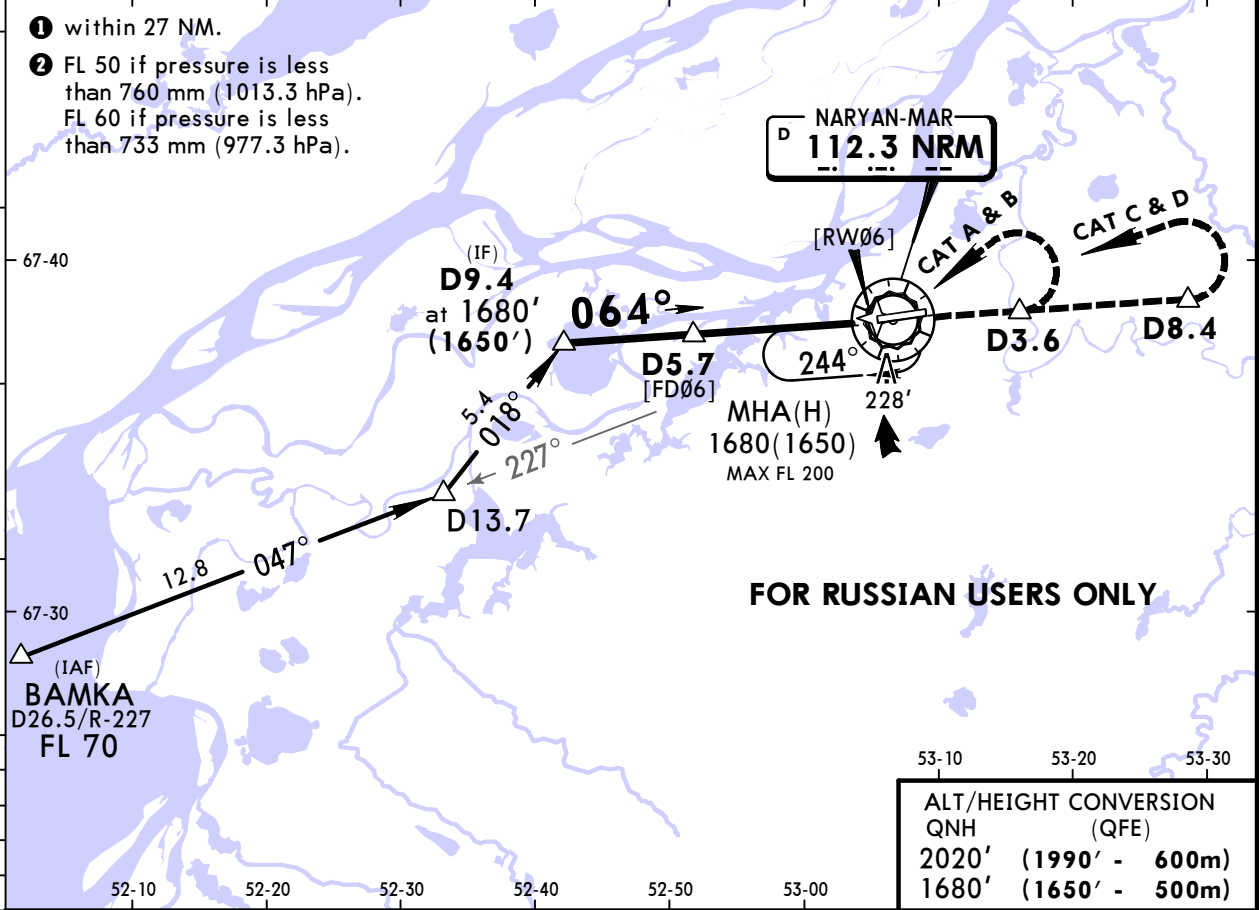
STRAIGHT-IN LANDING RWY 06			
MDA(H) 460' (430')		ALS out	
A	1600m		
B			
C	2000m		
D	2400m		

ULAM/NNM
NARYAN-MAR

JEPPESSEN
7 SEP 18
Eff 13 Sep (13-4)

NARYAN-MAR, RUSSIA
via BAMKA VOR Rwy 06

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 064°	Minimum Alt D5.7 1680'(1650')	MDA(H) 460'(430')
Apt Elev 43' Rwy 30'			1800 MSA NRM VOR ①
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1680' (1650'), then turn to final according to chart.			
DME required	Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 ② Trans alt: 2020' (1990')



Gnd speed-Kts	70	90	100	120	140	160	ALS	Refer to Missed Apch above
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at VOR								

STRAIGHT-IN LANDING RWY 06			
MDA(H) 460'(430')		ALS out	
A	1600m		
B			
C	2000m		
D	2400m		

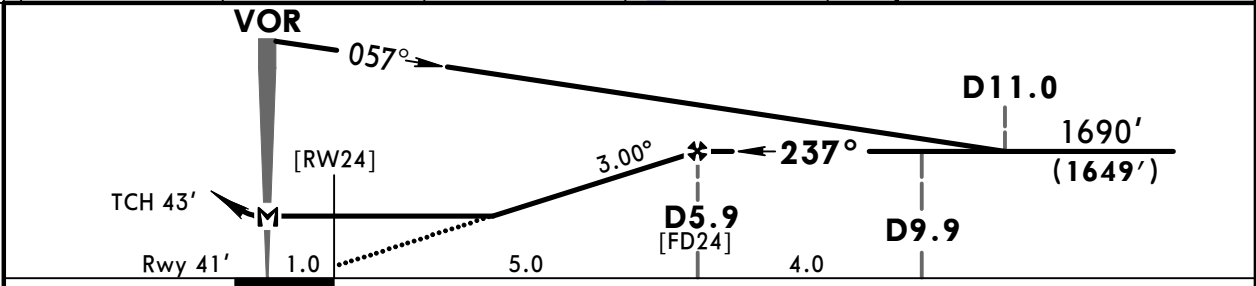
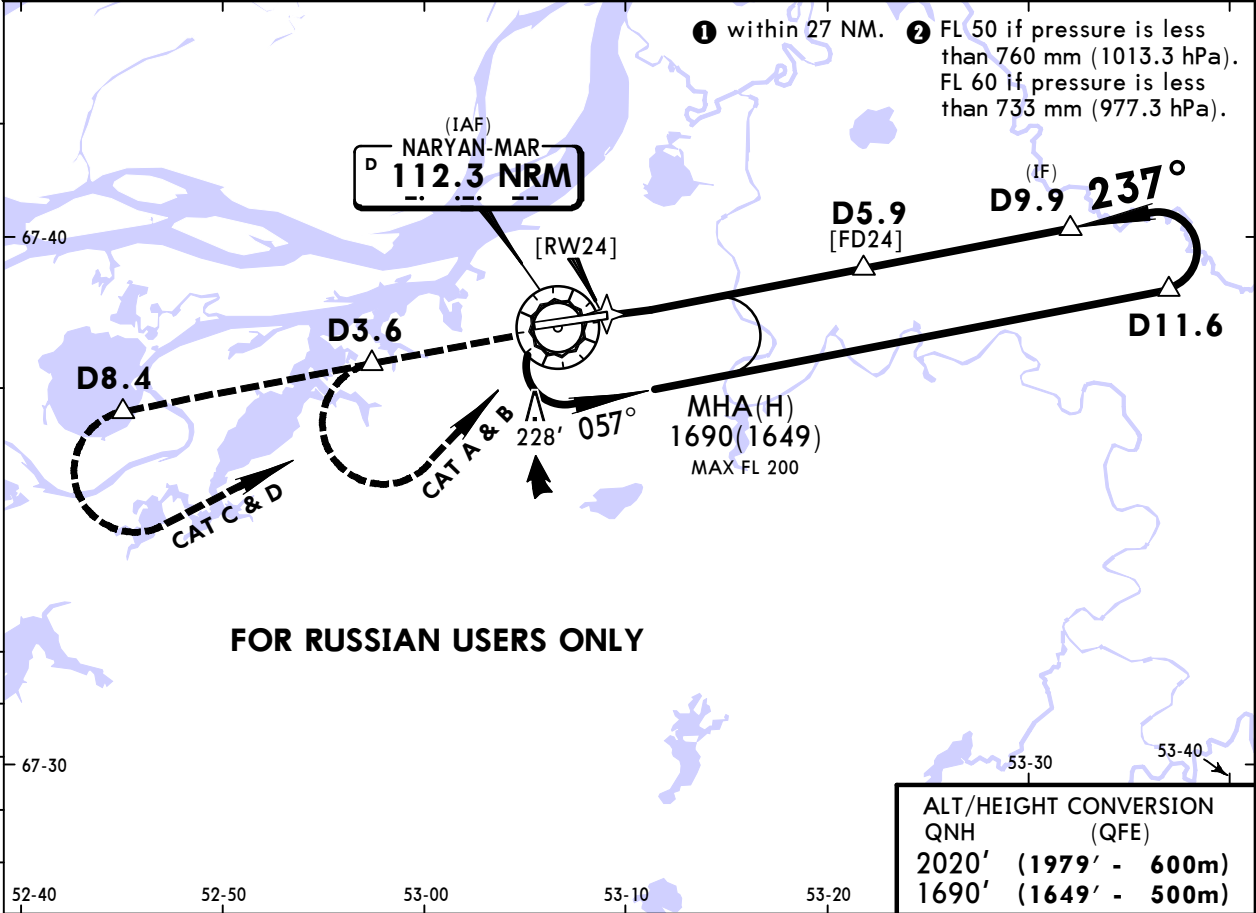
CHANGES: Procedure name. Note added.

ULAM/NNM
NARYAN-MAR

JEPPESSEN
7 SEP 18
Eff 13 Sep 13-5

NARYAN-MAR, RUSSIA
via Racetrack VOR Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 237°	Minimum Alt D5.9 1690' (1649')	MDA(H) 440' (399')
		Apt Elev 43'	Rwy 41'
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1690' (1649'), then turn to final according to chart.			
DME required Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 2 Trans alt: 2020' (1979')			



Gnd speed-Kts	70	90	100	120	140	160	ALS Refer to Missed Apch above
Descent Angle 3.00°	372	438	531	637	743	849	
MAP at VOR							

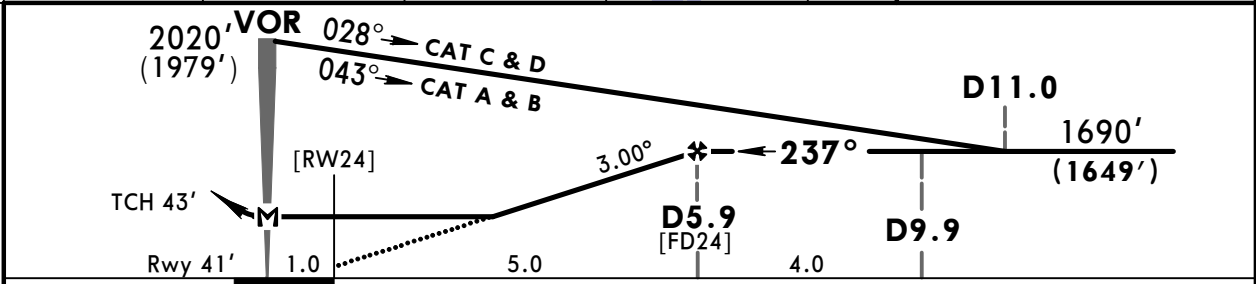
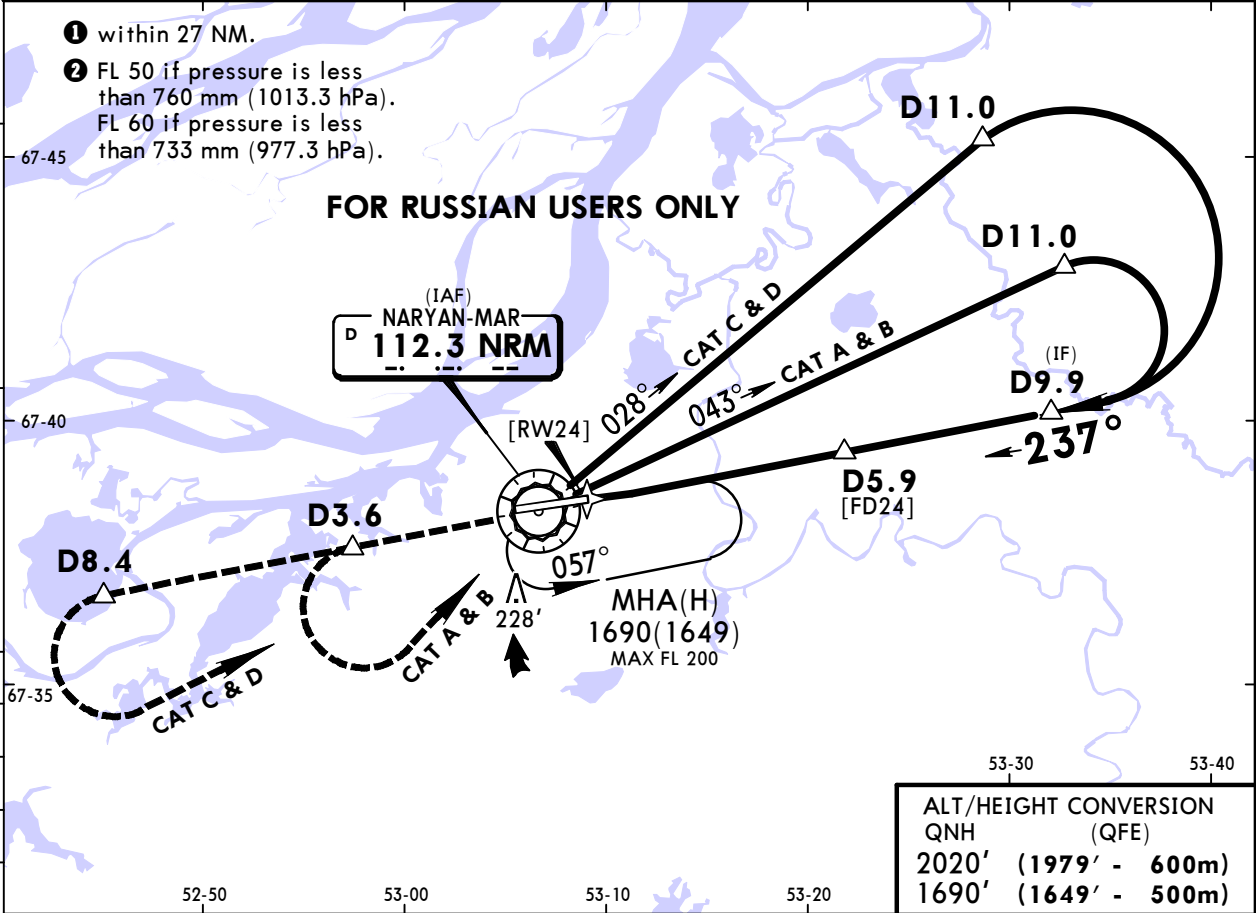
STRAIGHT-IN LANDING RWY 24			
MDA(H) 440' (399')		ALS out	
A			
B	1600m		
C			
D	2000m		

ULAM/NNM
NARYAN-MAR

JEPPESEN
7 SEP 18
Eff 13 Sep 13-6

NARYAN-MAR, RUSSIA
via Baseturn VOR Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 237°	Minimum Alt D5.9 1690' (1649')	MDA(H) 440' (399')
Apt Elev 43' Rwy 41'			1800
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1690' (1649'), then turn to final according to chart.			
MSA NRM VOR ①			
DME required	Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 ② Trans alt: 2020' (1979')



Gnd speed-Kts	70	90	100	120	140	160	ALS Refer to Missed Apch above
Descent Angle 3.00°	372	438	531	637	743	849	
MAP at VOR							

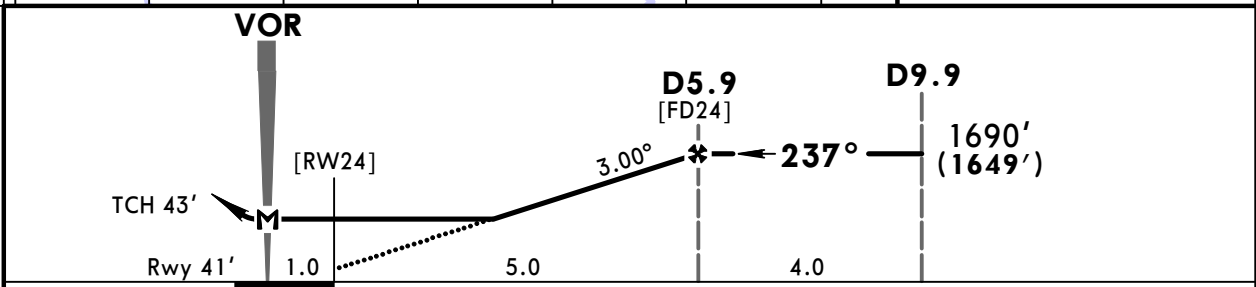
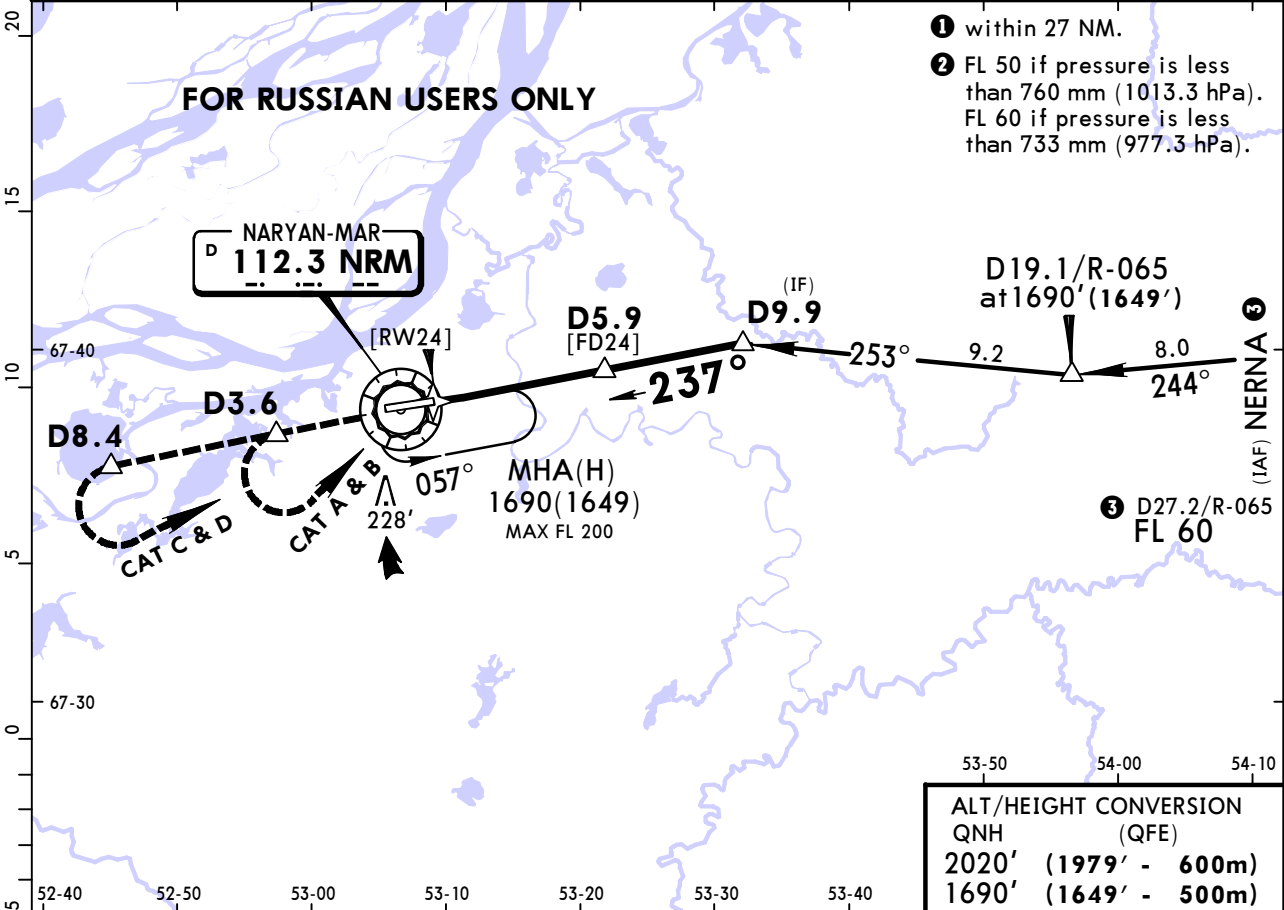
STRAIGHT-IN LANDING RWY 24			
MDA(H) 440' (399')		ALS out	
A			
B	1600m		
C			
D	2000m		

ULAM/NNM
NARYAN-MAR

JEPPESSEN
7 SEP 18
Eff 13 Sep 13-7

NARYAN-MAR, RUSSIA
via NERNA VOR Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
VOR NRM 112.3	Final Apch Crs 237°	Minimum Alt D5.9 1690' (1649')	MDA(H) 440' (399')
		Apt Elev 43'	Rwy 41'
MISSED APCH: Climb STRAIGHT AHEAD to CAT A & B: D3.6 (CAT C & D: D8.4), then turn LEFT to VOR climbing to 1690' (1649'), then turn to final according to chart.			
DME required Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 40 ② Trans alt: 2020' (1979')			



Gnd speed-Kts	70	90	100	120	140	160	ALS Refer to Missed Apch above
Descent Angle 3.00°	372	438	531	637	743	849	
MAP at VOR							

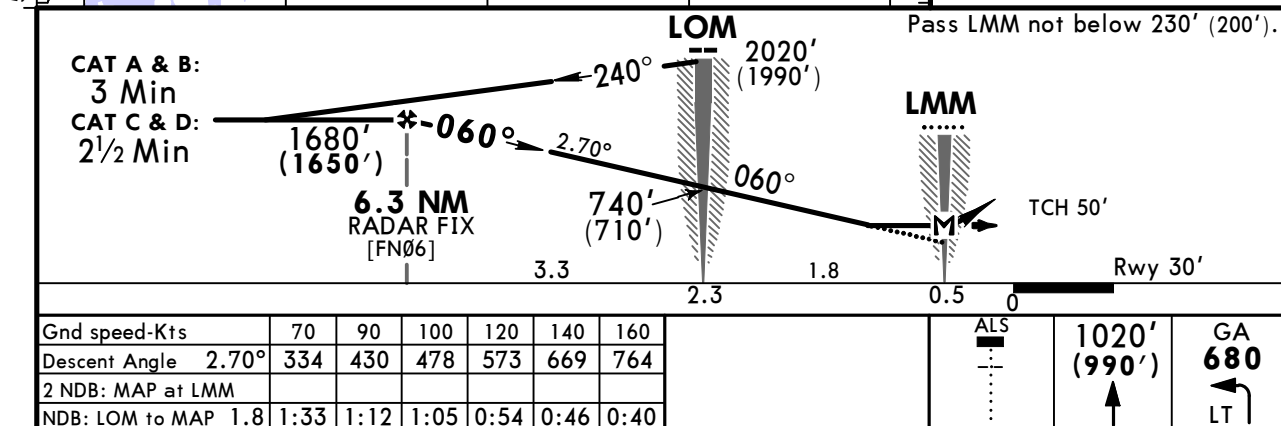
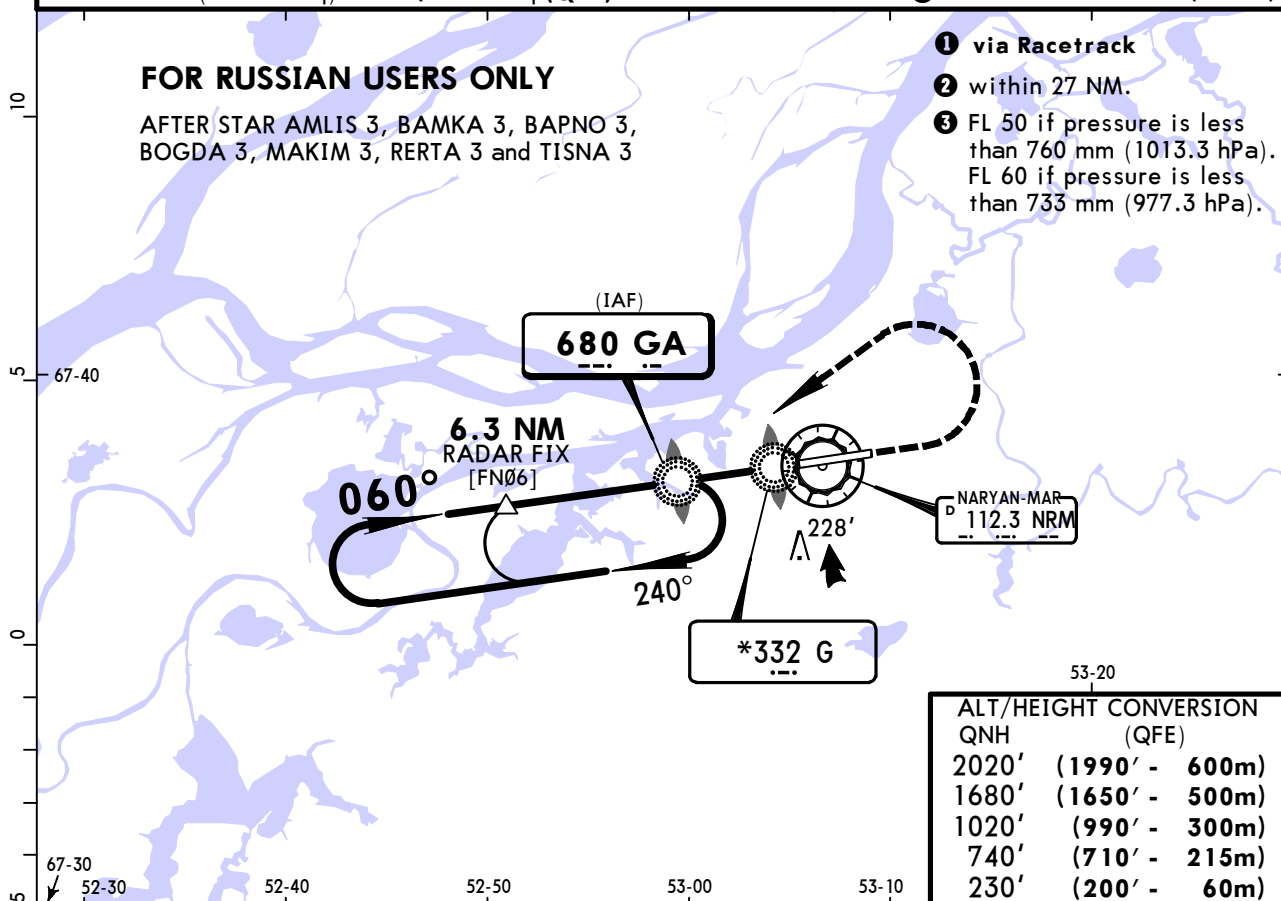
STRAIGHT-IN LANDING RWY 24			
MDA(H) 440' (399')		ALS out	
A			
B	1600m		
C			
D	2000m		

ULAM/NNM NARYAN-MAR

JEPPESSEN
NARYAN-MAR, RUSSIA

22 JUN 18 **(16-1)**
2 NDB or GA NDB Rwy 06

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
NDB GA 680	Final Apch Crs 060°	Minimum Alt 6.3 NM RADAR FIX 1680' (1650')	MDA(H) Refer to Minimums
		Apt Elev 43'	Rwy 30'
MISSED APCH: Climb to 1020' (990'), then turn LEFT to GA NDB climbing to 1680' (1650'), then turn RIGHT to final according to chart or to holding area.			1800' MSA GA NDB 2
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 3	Trans alt: 2020' (1990')



STRAIGHT-IN LANDING RWY 06								
2 NDB				GA NDB				
With FAF		W/o FAF		With FAF		W/o FAF		
MDA(H) 400'(370')		AB: 750'(720') CD: 920'(890')		MDA(H) 430'(400')		AB: 750'(720') CD: 920'(890')		
ALS out		ALS out		ALS out		ALS out		
A	1600m		1600m		1600m		1600m	
B			4400m				4400m	
C			4800m				4800m	
D			2000m				2000m	

CHANGES: Communications.

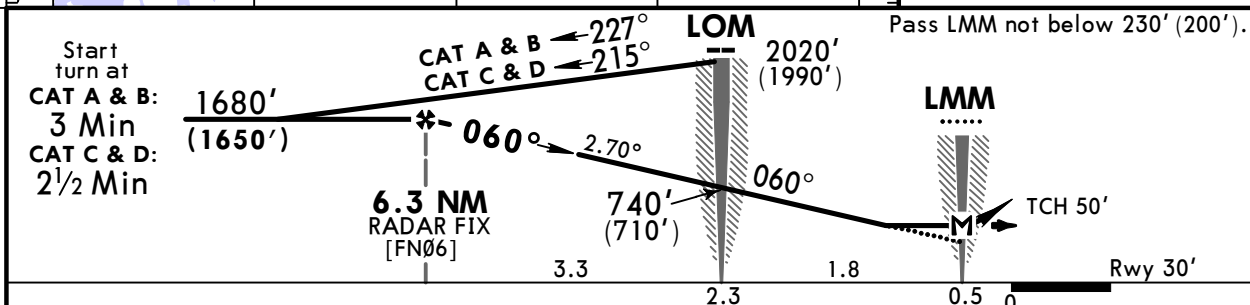
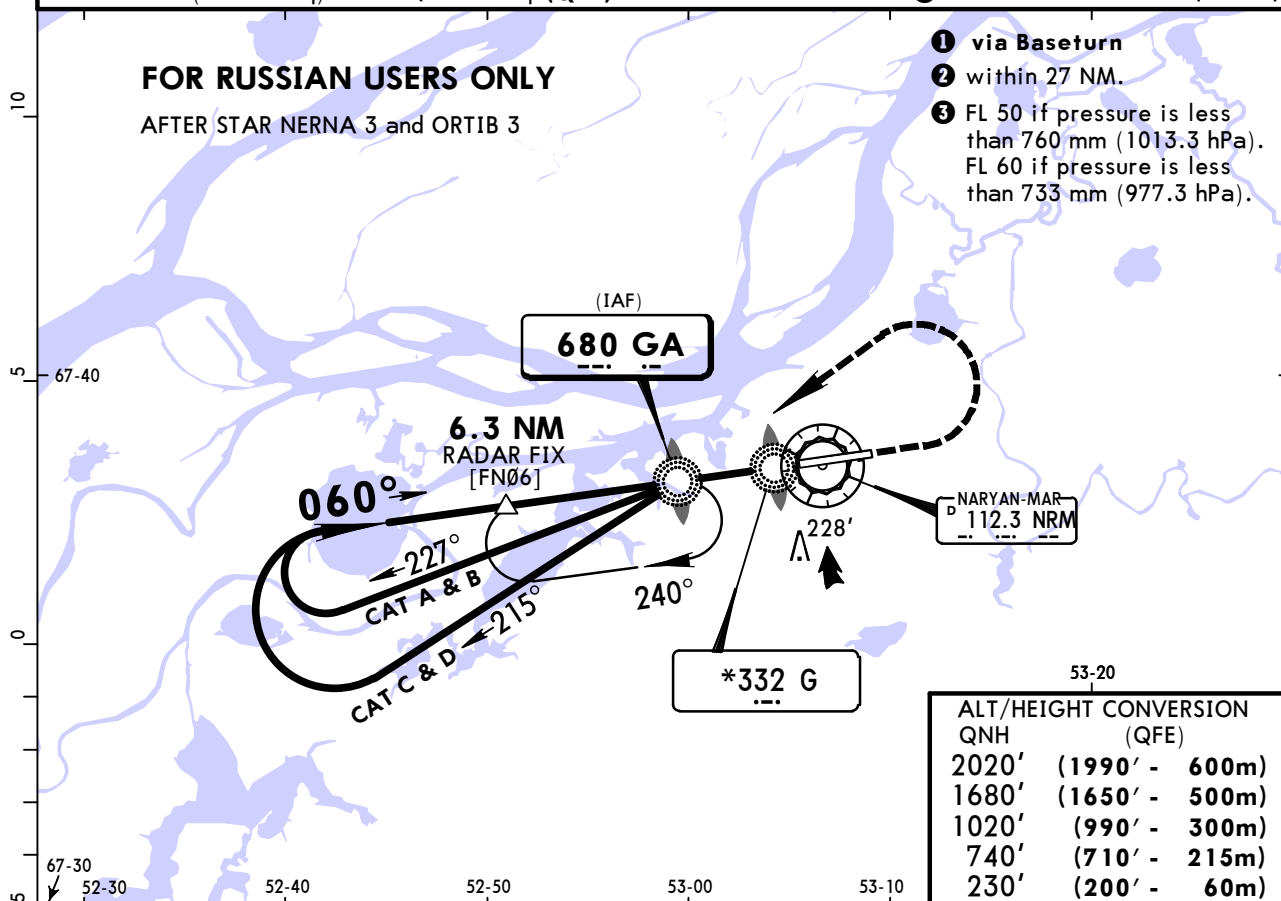
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ULAM/NNM NARYAN-MAR

JEPPESSEN
NARYAN-MAR, RUSSIA

22 JUN 18 **(16-2)**
2 NDB or GA NDB Rwy 06

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
NDB GA 680	Final Apch Crs 060°	Minimum Alt 6.3 NM RADAR FIX 1680' (1650')	MDA(H) Refer to Minimums Apt Elev 43' Rwy 30'
MISSED APCH: Climb to 1020' (990'), then turn LEFT to GA NDB climbing to 1680' (1650'), then turn RIGHT to final according to chart or to holding area.			1800' MSA GA NDB 2
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 3	Trans alt: 2020' (1990')



Gnd speed-Kts	70	90	100	120	140	160			
Descent Angle 2.70°	334	430	478	573	669	764			
2 NDB: MAP at LMM									
NDB: LOM to MAP	1.8	1:33	1:12	1:05	0:54	0:46	0:40		

STRAIGHT-IN LANDING RWY 06			
2 NDB		GA NDB	
With FAF	W/o FAF	With FAF	W/o FAF
MDA(H) 400' (370')	AB: 750' (720') CD: 920' (890')	MDA(H) 430' (400')	AB: 750' (720') CD: 920' (890')
ALS out	ALS out	ALS out	ALS out
A			
B	1600m	1600m	1600m
C			
D	2000m	2000m	2000m

CHANGES: Communications.

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ULAM/NNM NARYAN-MAR

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NARYAN-MAR, RUSSIA

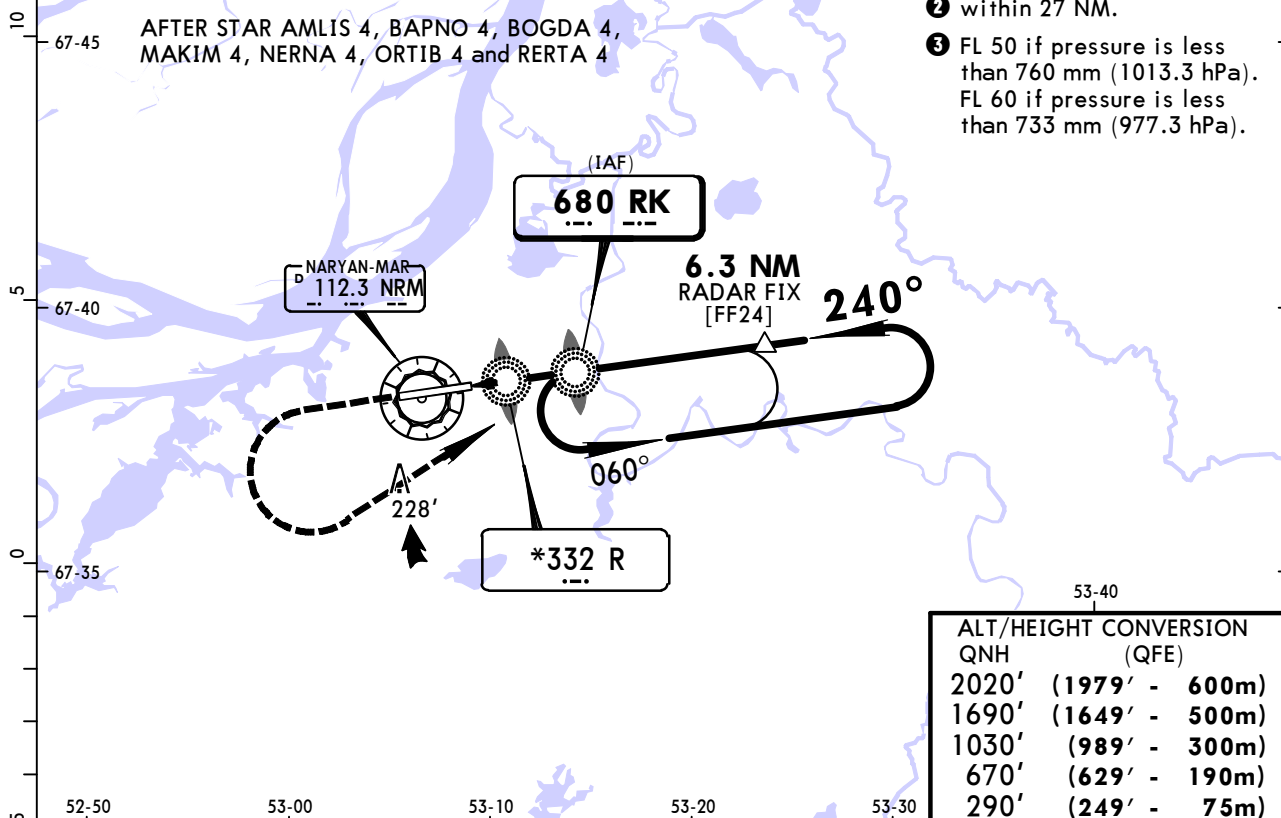
22 JUN 18 **(16-3)**
2 NDB or RK NDB Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
NDB RK 680	Final Apch Crs 240°	Minimum Alt 6.3 NM RADAR FIX 1690'(1649')	MDA(H) Refer to Minimums
		Apt Elev 43'	Rwy 41'
MISSED APCH: Climb to 1030'(989'), then turn LEFT to RK NDB climbing to 1690'(1649'), then turn RIGHT to final according to chart or to holding area.			1800' MSA RK NDB 2
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 3	Trans alt: 2020' (1979')

FOR RUSSIAN USERS ONLY

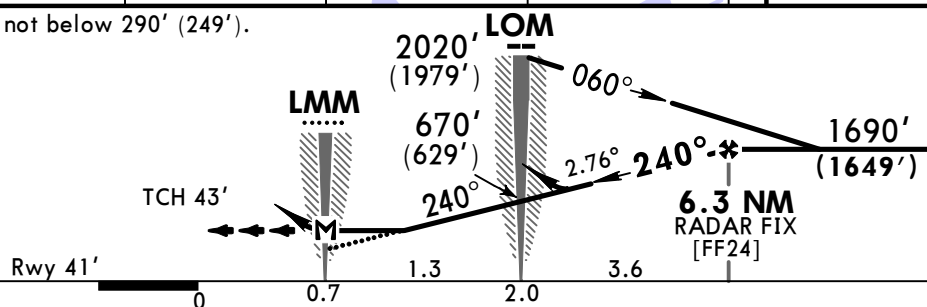
AFTER STAR AMLIS 4, BAPNO 4, BOGDA 4, MAKIM 4, NERNA 4, ORTIB 4 and RERTA 4

- 1** via Racetrack
- 2** within 27 NM.
- 3** FL 50 if pressure is less than 760 mm (1013.3 hPa).
FL 60 if pressure is less than 733 mm (977.3 hPa).



ALT/HEIGHT CONVERSION	QNH	(QFE)
2020'	(1979' - 600m)	
1690'	(1649' - 500m)	
1030'	(989' - 300m)	
670'	(629' - 190m)	
290'	(249' - 75m)	

Pass LMM not below 290' (249').


CAT A & B:
3 Min
CAT C & D:
2 1/2 Min

Gnd speed-Kts	70	90	100	120	140	160	ALS	1030' (989')	RK 680
Descent Angle 2.76°	342	439	488	586	683	781			LT
2 NDB: MAP at LMM									
NDB: LOM to MAP	1.3	1:07	0:52	0:47	0:39	0:33	0:29		

STRAIGHT-IN LANDING RWY 24

2 NDB		RK NDB	
With FAF	W/o FAF	With FAF	W/o FAF
MDA(H) 350'(309')	MDA(H) AB: 760'(719') CD: 830'(789')	MDA(H) 440'(399')	MDA(H) AB: 770'(729') CD: 840'(799')
ALS out	ALS out	ALS out	ALS out
A	1600m	2200m	3200m
B			
C	3600m		3600m
D	4000m		4000m

CHANGES: Communications.

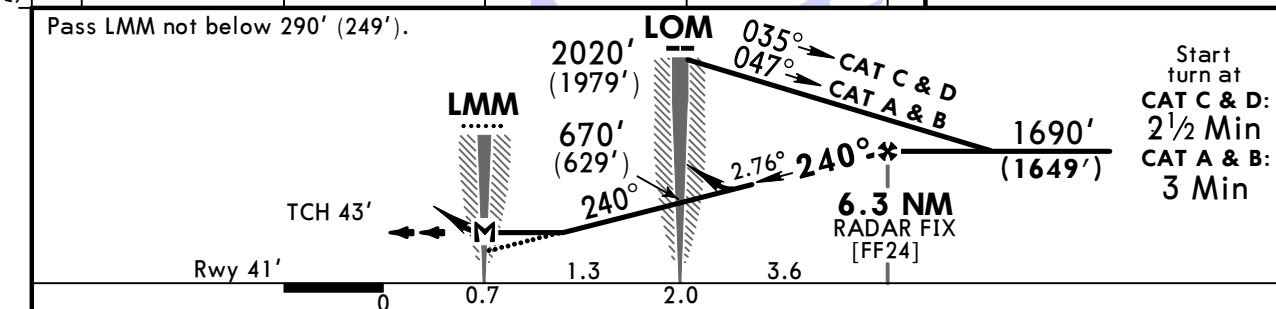
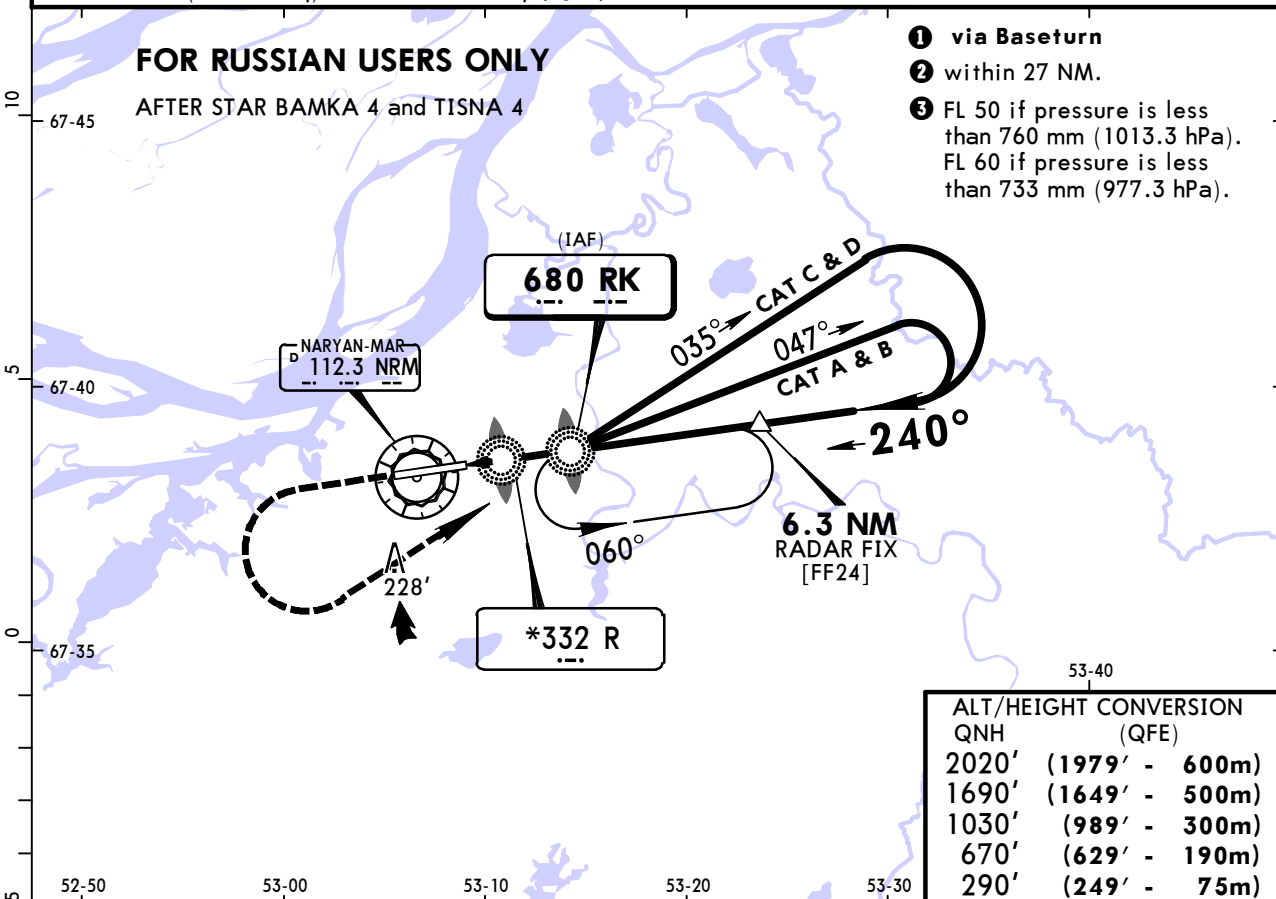
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ULAM/NNM NARYAN-MAR

JEPPESSEN
NARYAN-MAR, RUSSIA

22 JUN 18 **(16-4)**
2 NDB or RK NDB Rwy 24

*ATIS	*NARYAN-MAR Podkhod (APP)	*NARYAN-MAR Vyshka (TWR)	*Ground
126.2 Russian only	122.0 Russian only	127.0 Russian only	127.0 Russian only
NDB RK 680	Final Apch Crs 240°	Minimum Alt 6.3 NM RADAR FIX 1690' (1649')	MDA(H) Refer to Minimums Apt Elev 43' Rwy 41'
MISSED APCH: Climb to 1030' (989'), then turn LEFT to RK NDB climbing to 1690' (1649'), then turn RIGHT to final according to chart or to holding area.			1800' MSA RK NDB 2
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 40 3	Trans alt: 2020' (1979')



Gnd speed-Kts	70	90	100	120	140	160	ALS	1030' (989')	RK 680
Descent Angle 2.76°	342	439	488	586	683	781			LT
2 NDB: MAP at LMM									
NDB: LOM to MAP	1.3	1:07	0:52	0:47	0:39	0:33	0:29		

STRAIGHT-IN LANDING RWY 24

2 NDB				RK NDB				
With FAF		W/o FAF		With FAF		W/o FAF		
MDA(H) 350'(309')		AB: 760'(719') CD: 830'(789')		MDA(H) 440'(399')		AB: 770'(729') CD: 840'(799')		
ALS out		ALS out		ALS out		ALS out		
A	1600m		1600m		2200m		3200m	
B			3600m				3600m	
C			4000m				4000m	
D								

CHANGES: Communications.

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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
NARYAN-MAR, (NARYAN-MAR - ULAM)				
ADD	STANDARD MNMS	10-9S	26 Apr 2019	
ADD	STANDARD MNMS CONTD	10-9S1	26 Apr 2019	
REV	RNAV (GNSS) RWY 06	12-1	26 Apr 2019	
REV	RNAV (GNSS) RWY 24	12-2	26 Apr 2019	

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ULAM