

List of pages in this Trip Kit

Trip Kit Index

Airport Information For USHH

Terminal Charts For USHH

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: KHANTY-MANSIYSK RUS

ICAO/IATA: USHH / HMA

Lat/Long: N61° 01.7', E069° 05.2'

Elevation: 141 ft

Airport Use: Public

Daylight Savings: Not Observed

UTC Conversion: -5:00 = UTC

Magnetic Variation: 17.0° E

Fuel Types: Jet A-1

Customs: Yes

Airport Type: IFR

Landing Fee: Yes

Control Tower: Yes

Jet Start Unit: No

LLWS Alert: No

Beacon: No

Sunrise: 2252 Z

Sunset: 1548 Z

Runway Information

Runway: 06

Length x Width: 9186 ft x 148 ft

Surface Type: asphalt

TDZ-Elev: 134 ft

Lighting: Edge, ALS

Runway: 24

Length x Width: 9186 ft x 148 ft

Surface Type: asphalt

TDZ-Elev: 139 ft

Lighting: Edge, ALS

Communication Information

ATIS: 126.400

Khantym Tower: 118.100

Khantym Ground Ramp/Taxi: 119.000

Khantym Radar: 120.400

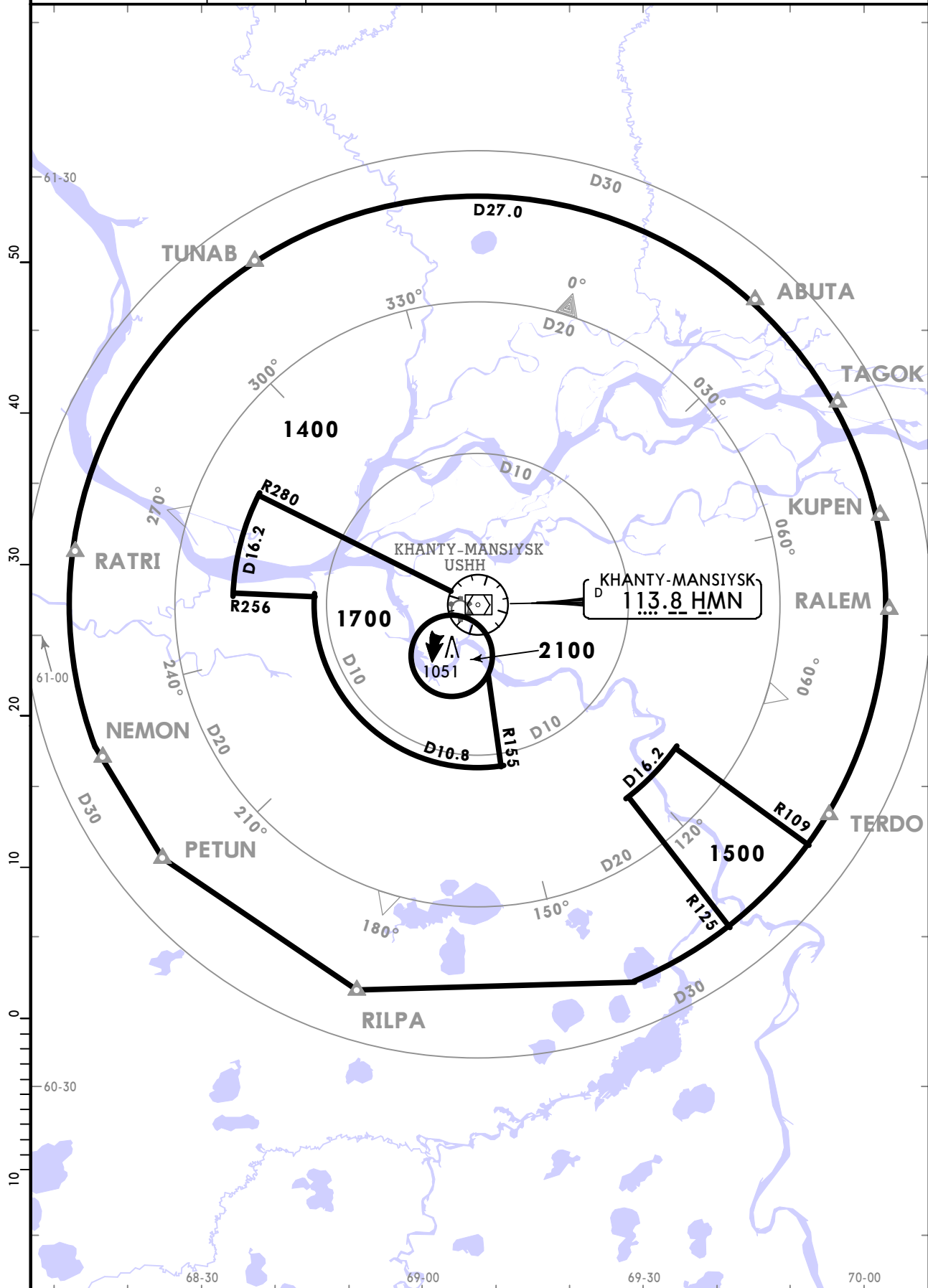
USHH/HMA
KHANTY-MANSIYSK

JEPPesen KHANTY-MANSIYSK, RUSSIA
29 MAR 19 (10-1R) **RADAR MINIMUM ALTITUDES**

KHANTYM Radar
120.4

Apt Elev
141

Alt Set: hPa (MM on request)
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)
Trans alt: 3000
1. During vectoring at temperature of 0° C or below, minimum altitudes must be corrected by altimeter temperature correction.
2. Chart only to be used for cross-checking of altitudes assigned while under vectoring control.



CHANGES: New chart.

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RNAV STAR DESIGNATION	REFER TO CHART
ABUTA 1G, TAGOK 1G	10-2B
ABUTA 1H, TAGOK 1H	10-2C
KUPEN 1G, RALEM 1G, TERDO 1G	10-2D
KUPEN 1H, RALEM 1H, TERDO 1H	10-2E
NEMON 1G, PETUN 1G, RILPA 1G	10-2F
NEMON 1H, PETUN 1H, RILPA 1H	10-2G
RATRI 1G, TUNAB 1G	10-2H
RATRI 1H, TUNAB 1H	10-2J

FOR STAR DESIGNATION REFER TO PAGE 10-2A

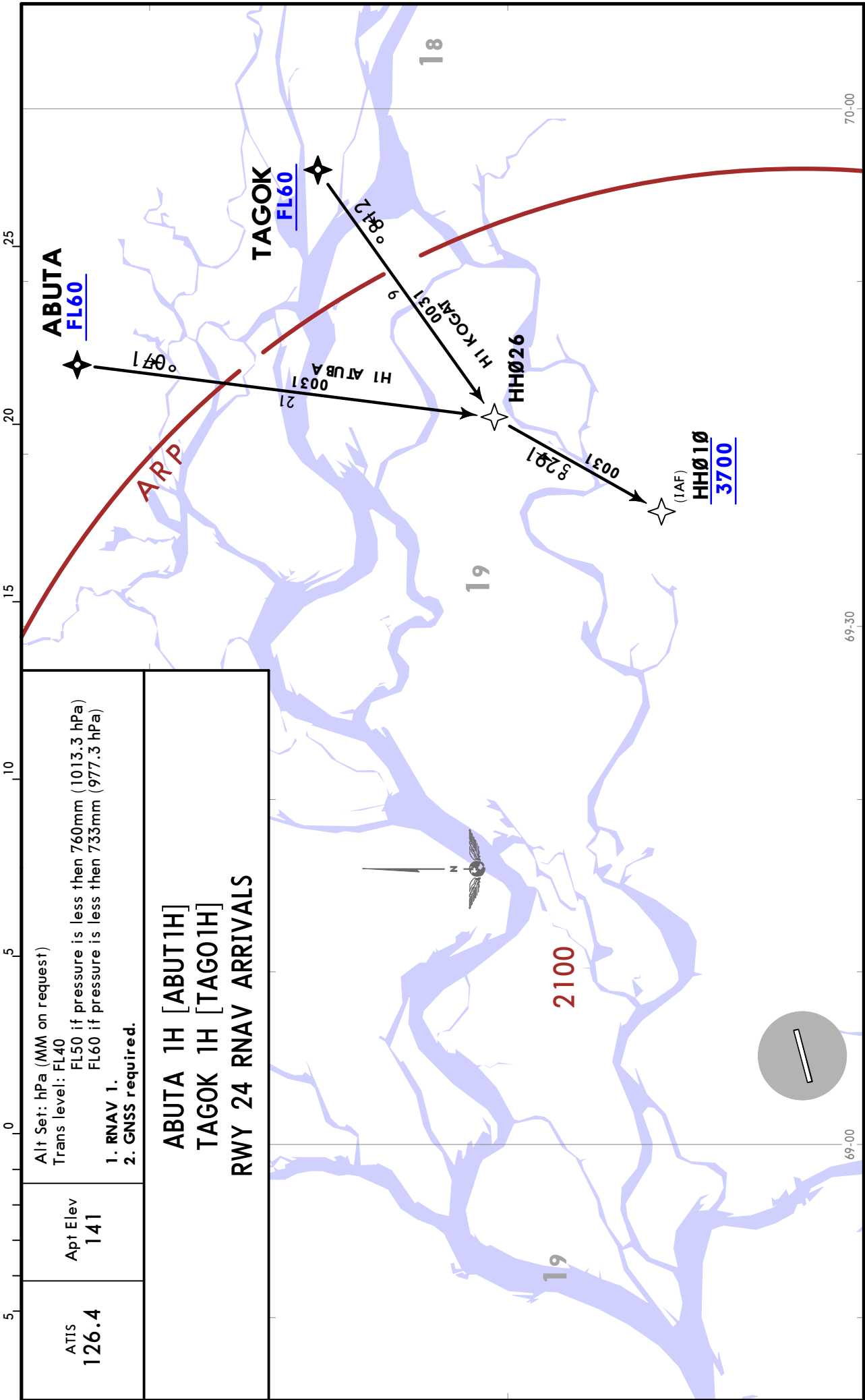
USHH/HMA
KHANTY-MANSIYSK

 **JEPPesen** **KHANTY-MANSIYSK, RUSSIA**
22 MAR 19 **10-2A** **Eff 28 Mar** **STAR**

STAR DESIGNATION	REFER TO CHART
ABUTA 1E, KUPEN 1E, TAGOK 1E	10-2K
ABUTA 1F, KUPEN 1F, TAGOK 1F	10-2L
ABUTA 1J, KUPEN 1J, TAGOK 1J	10-2M
ABUTA 1K, KUPEN 1K, TAGOK 1K	10-2N
ABUTA 1S, KUPEN 1S, TAGOK 1S	10-2P
RALEM 1E, TERDO 1E	10-2Q
RALEM 1F, TERDO 1F	10-2S
RALEM 1J, TERDO 1J	10-2T
RALEM 1K, TERDO 1K	10-2U
RALEM 1S, TERDO 1S	10-2V
NEMON 1E, PETUN 1E, RILPA 1E	10-2W
NEMON 1F, PETUN 1F, RILPA 1F	10-2X
NEMON 1J, PETUN 1J, RILPA 1J	10-2X1
NEMON 1K, PETUN 1K, RILPA 1K	10-2X2
NEMON 1S, PETUN 1S, RILPA 1S	10-2X3
RATRI 1E, TUNAB 1E	10-2X4
RATRI 1F, TUNAB 1F	10-2X5
RATRI 1J, TUNAB 1J	10-2X6
RATRI 1K, TUNAB 1K	10-2X7
RATRI 1S, TUNAB 1S	10-2X8

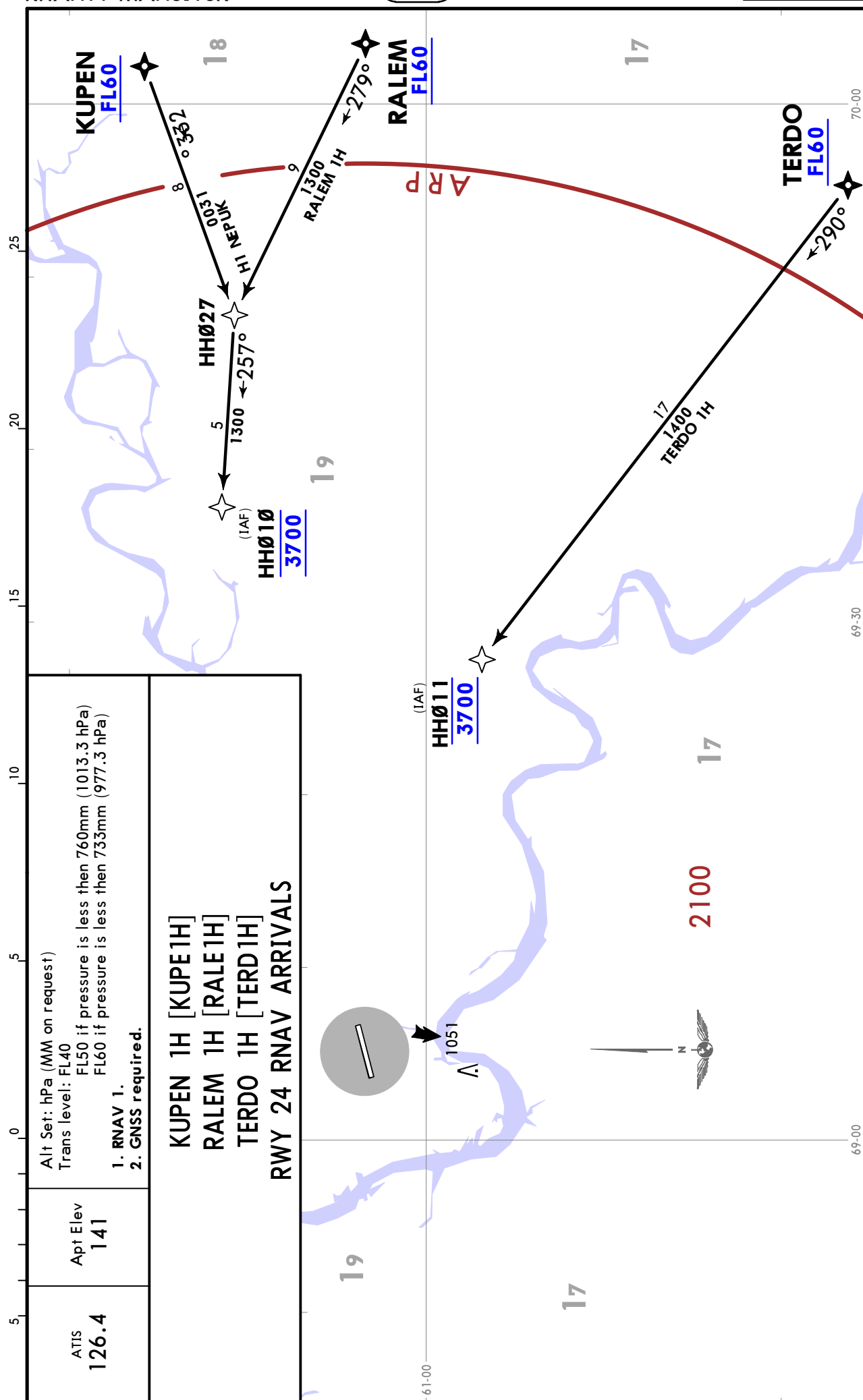
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KHANTY-MANSIYSK, RUSSIA

RNAV STAR



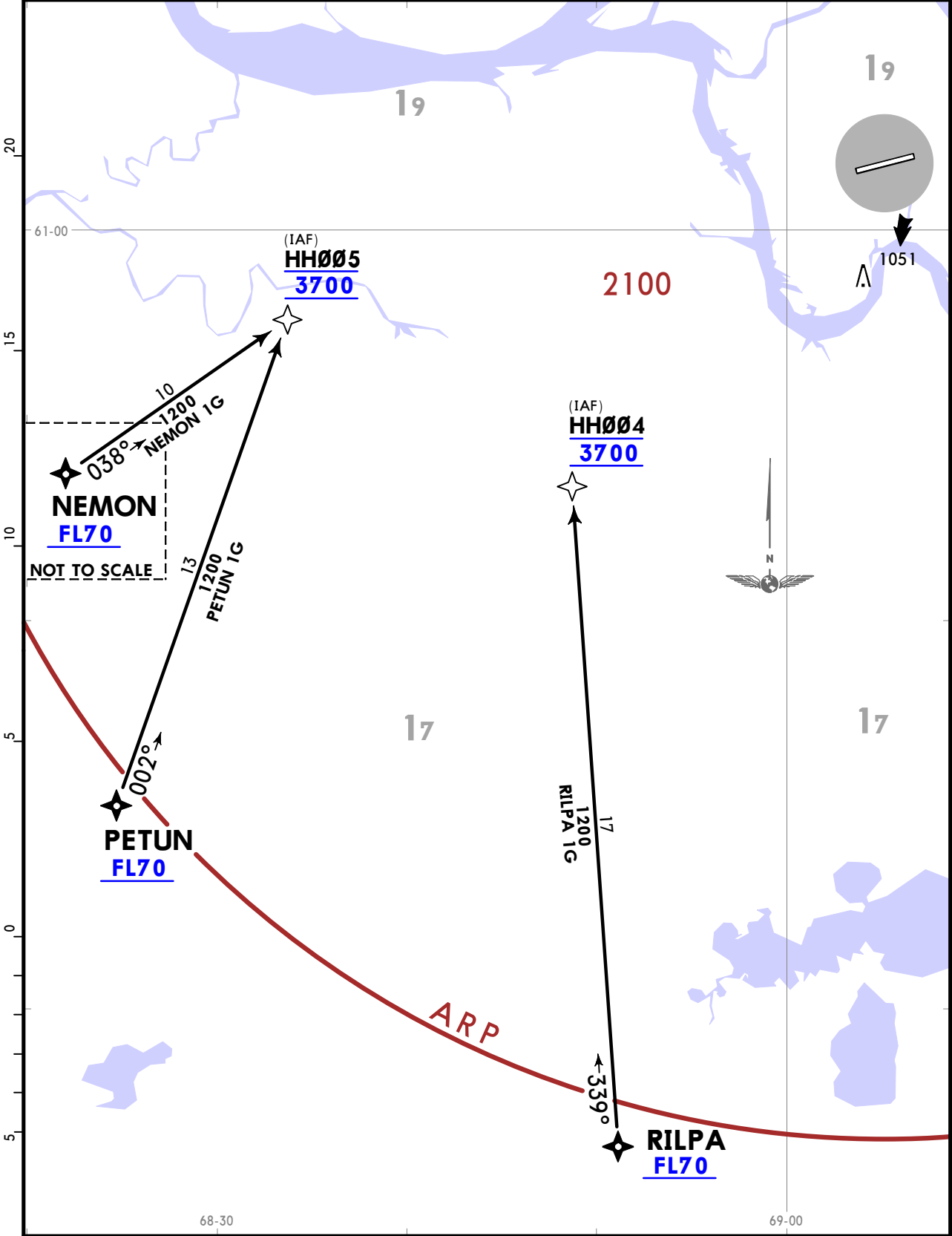
USHH/HMA
KHANTY-MANSIYSK

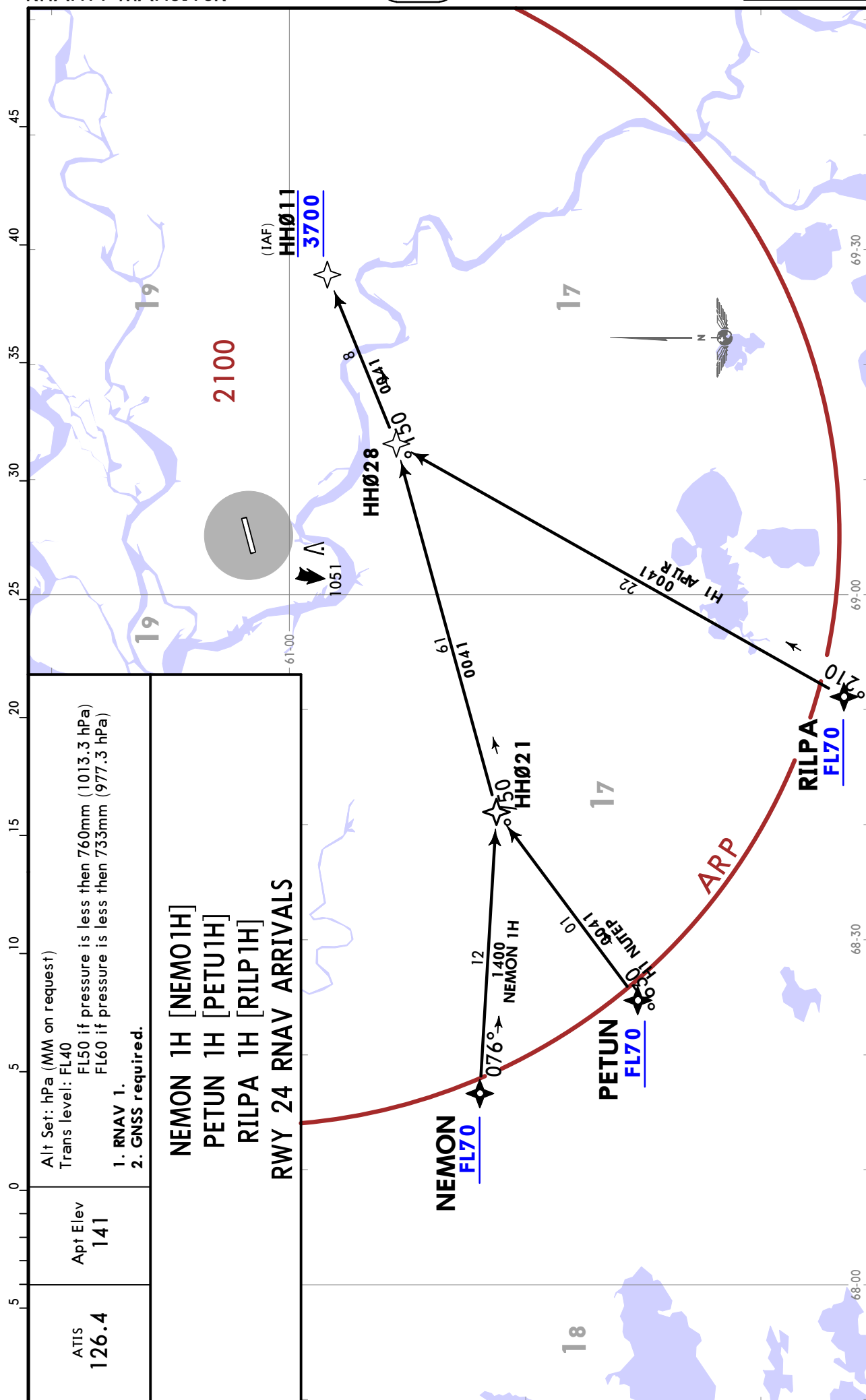
JEPPESEN
22 MAR 19 10-2F Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA
RNAV STAR

ATIS 126.4	Apt Elev 141	Alt Set: hPa (MM on request) Trans level: FL40 FL50 if pressure is less then 760mm (1013.3 hPa) FL60 if pressure is less then 733mm (977.3 hPa) 1. RNAV 1. 2. GNSS required.
---------------	-----------------	---

NEMON 1G [NEM01G]
PETUN 1G [PETU1G]
RILPA 1G [RILP1G]
RWY 06 RNAV ARRIVALS





USHH/HMA
KHANTY-MANSIYSK

JEPPESEN
22 MAR 19 10-2H Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

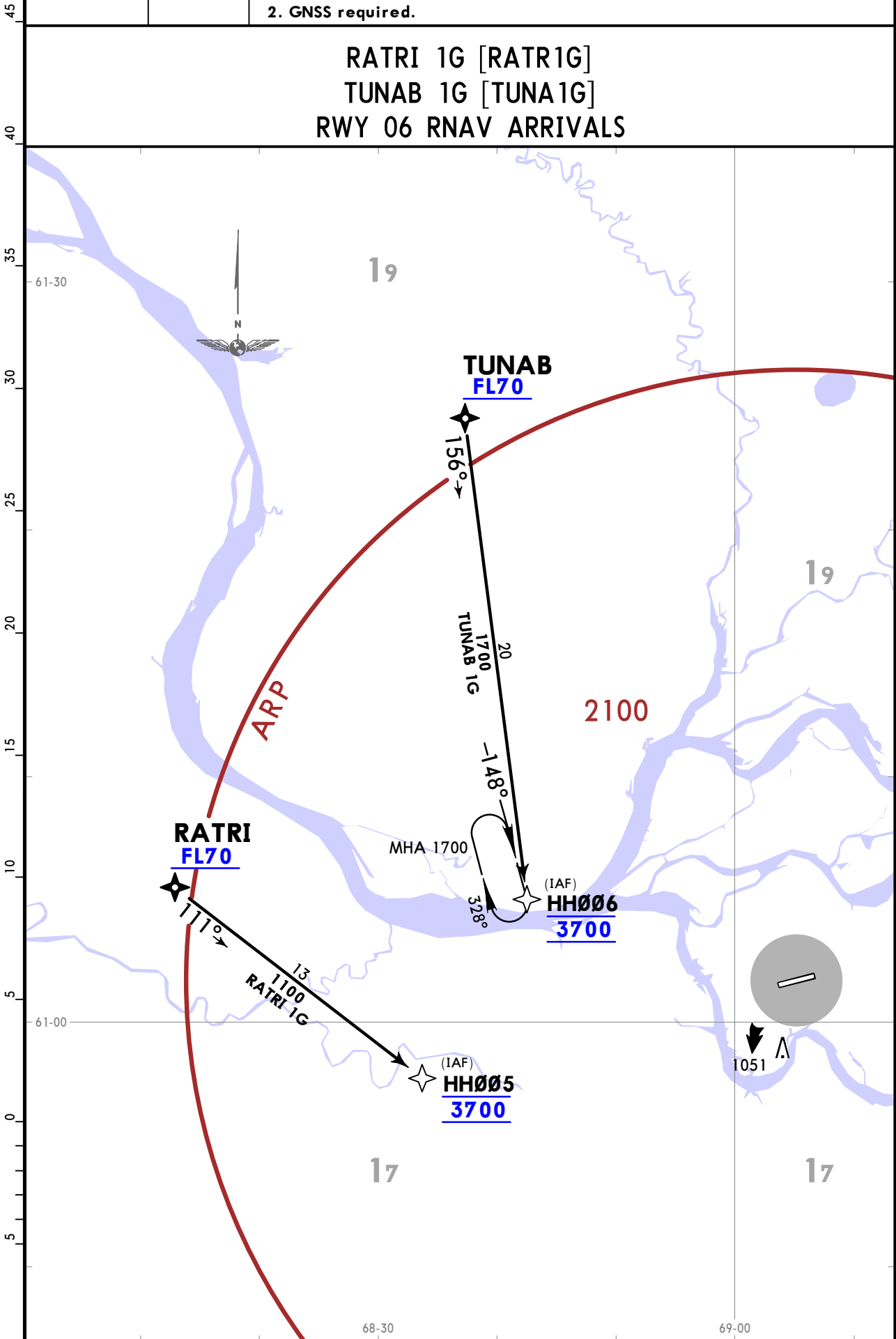
RNAV STAR

ATIS
126.4

Apt Elev
141

Alt Set: hPa (MM on request)
Trans level: FL40
FL50 if pressure is less then 760mm (1013.3 hPa)
FL60 if pressure is less then 733mm (977.3 hPa)
1. RNAV 1.
2. GNSS required.

RATRI 1G [RATR1G]
TUNAB 1G [TUNA1G]
RWY 06 RNAV ARRIVALS

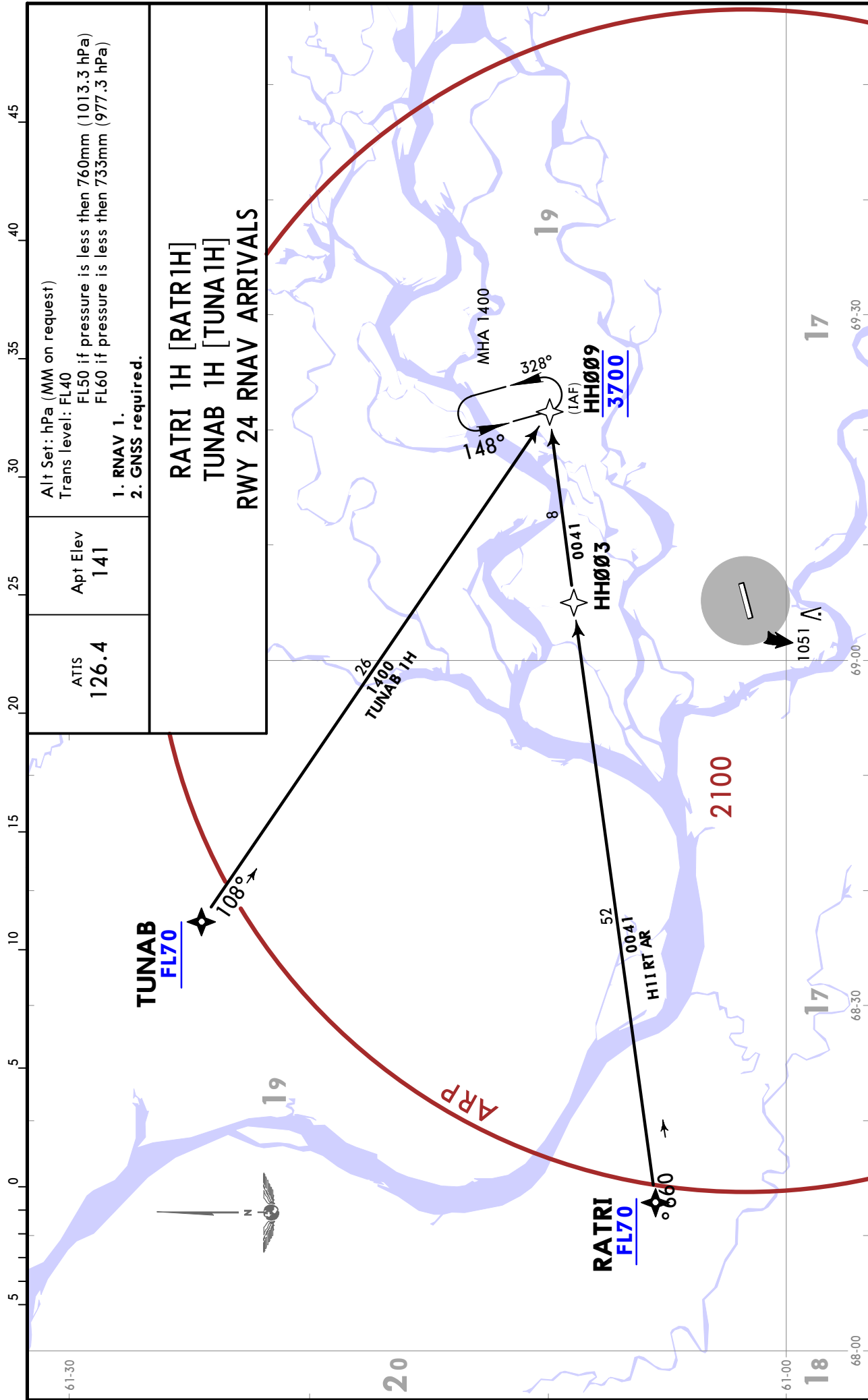


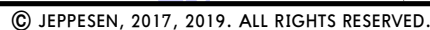
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KHANTY-MANSIYSK

JEPPesen 22 MAR 19 10-2J Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

RNAV STAR

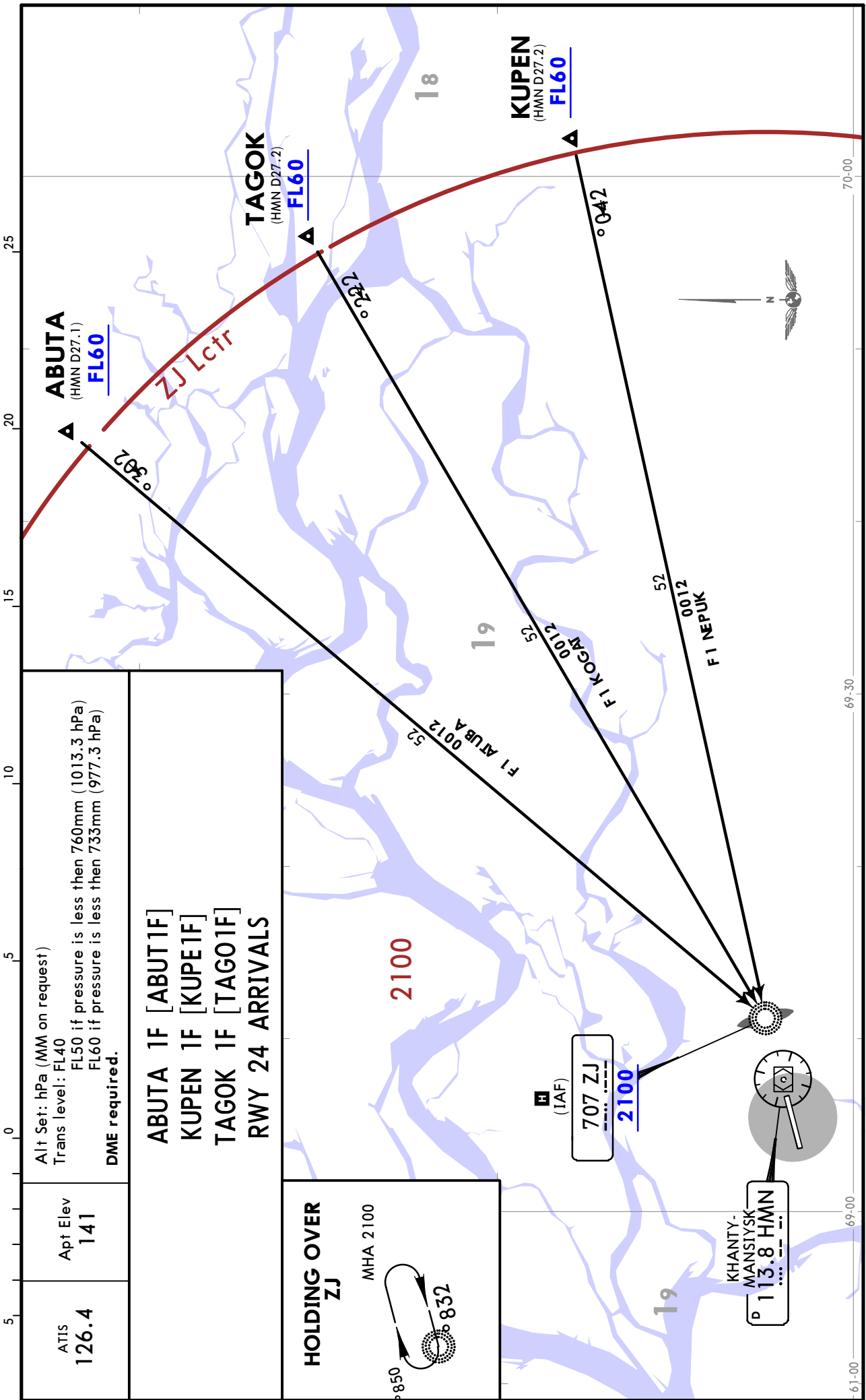




USHH/HMA
KHANTY-MANSIYSK

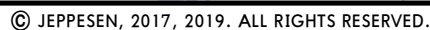
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22 MAR 19 10-2L Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA
STAR



CHANGES: STARs transferred & revised.

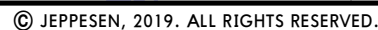
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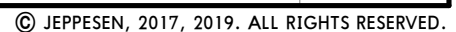


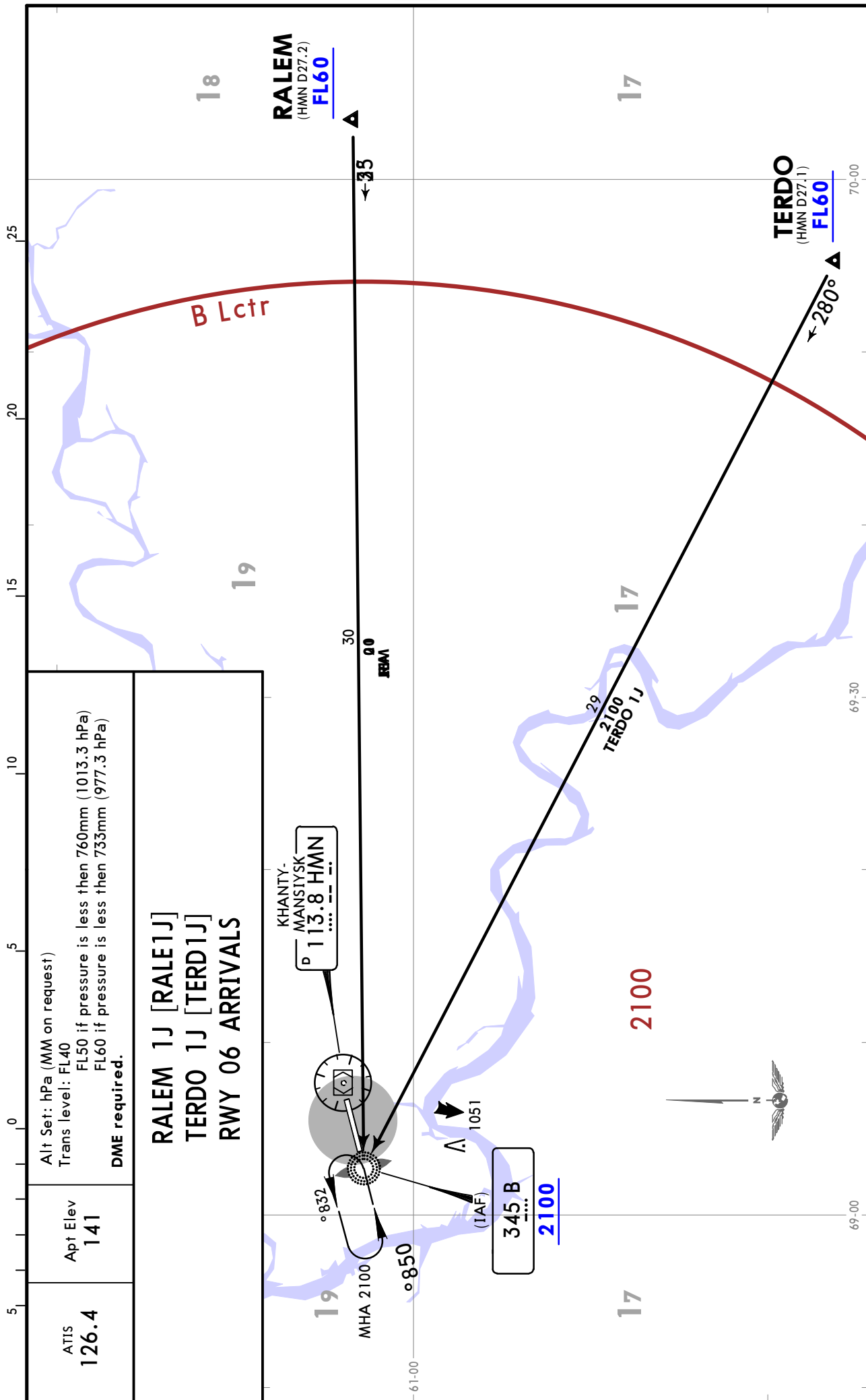
FL60

**MANSIYSK—
13.8 HMN**

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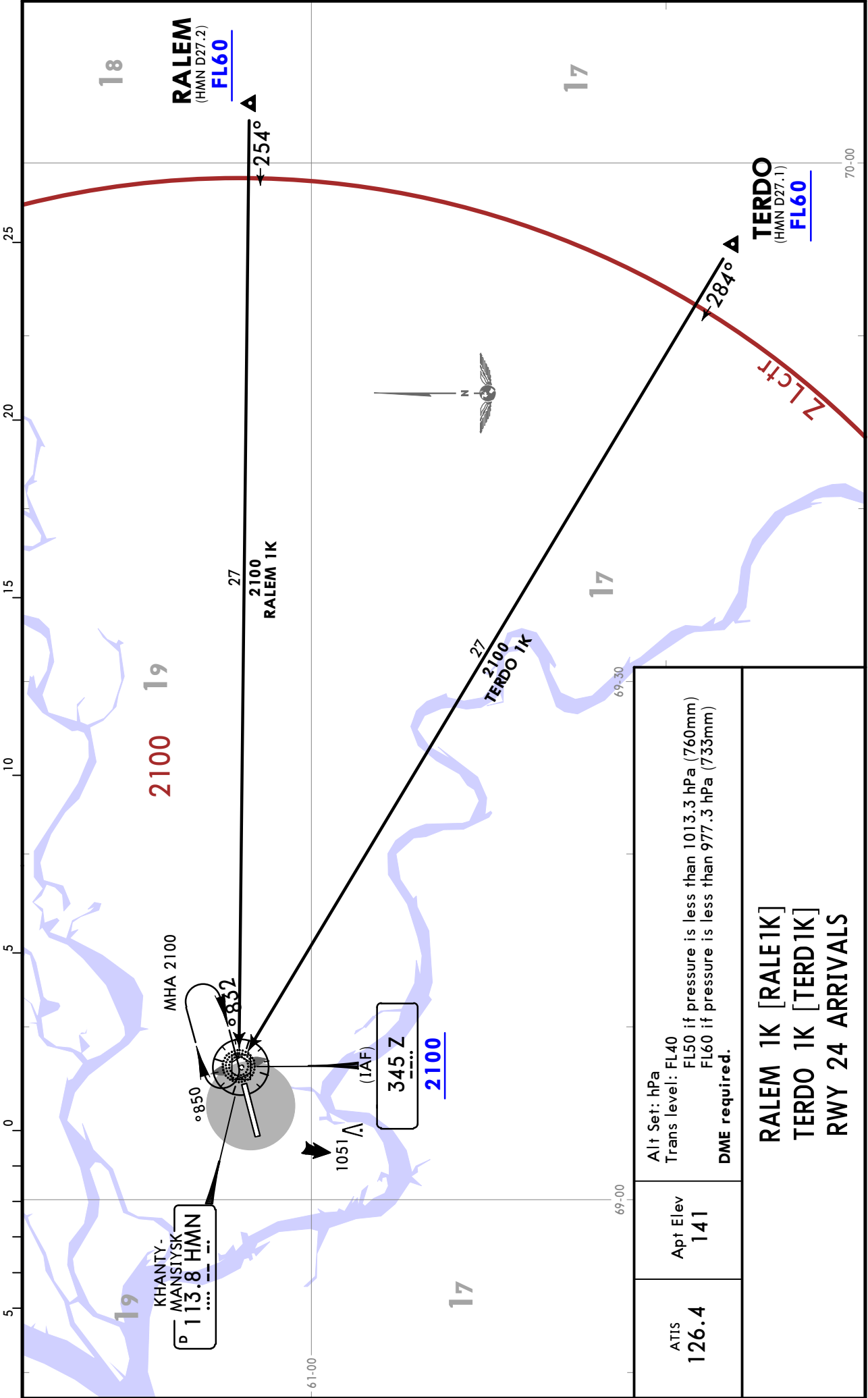


STAR

USHH/HMA
KHANTY-MANSIYSK

JEPPesen
19 APR 19 (10-2U)

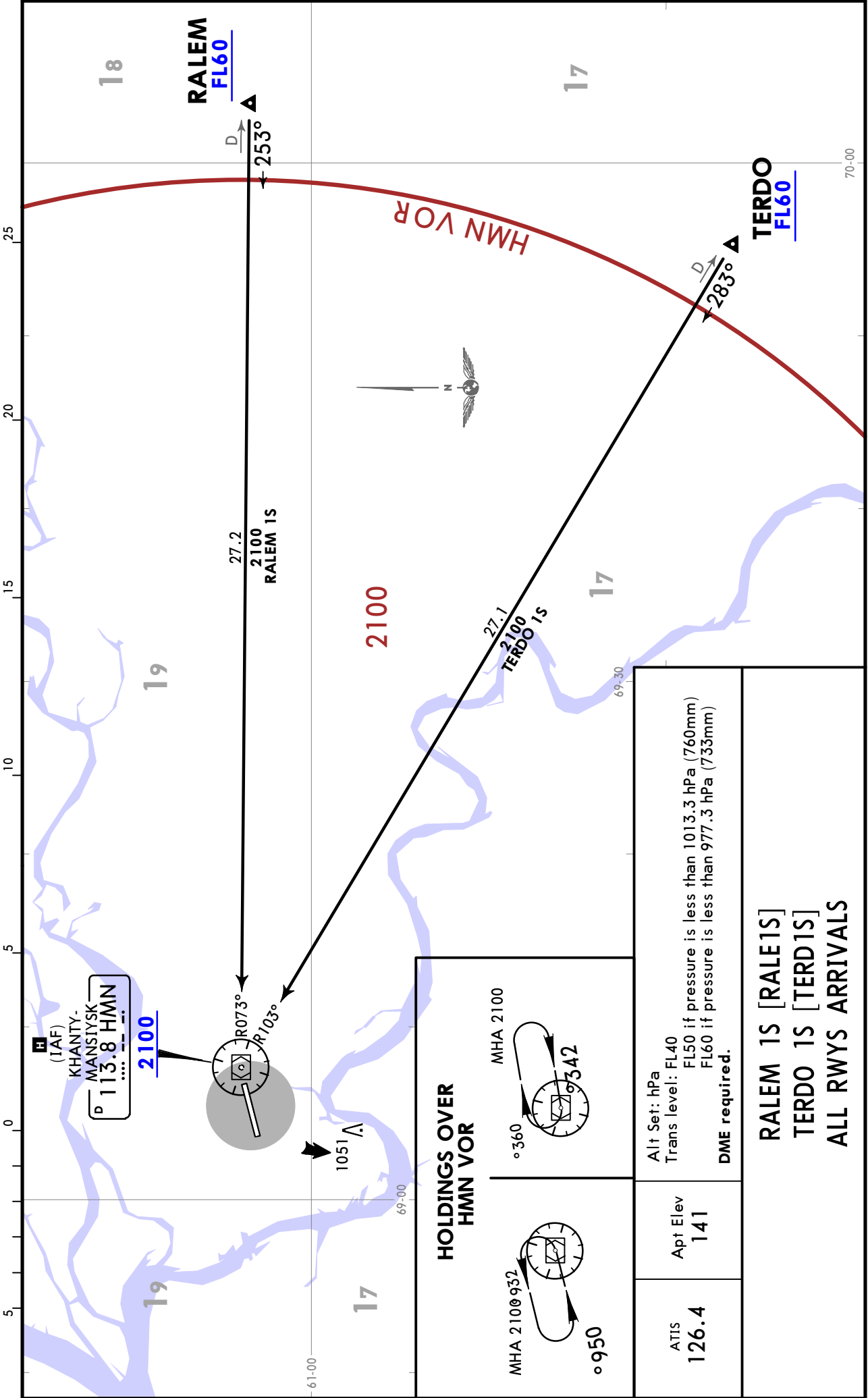
KHANTY-MANSIYSK, RUSSIA
STAR



USHH/HMA
KHANTY-MANSIYSK

JEPPESSEN
19 APR 19 10-2V

KHANTY-MANSIYSK, RUSSIA
STAR



NEMON 1J [NEMO1J]
PETUN 1J [PETU1J]
RILPA 1J [RILP1J]
RWY 06 ARRIVALS

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STAR

KHANTY-MANSIYSK, RUSSIA

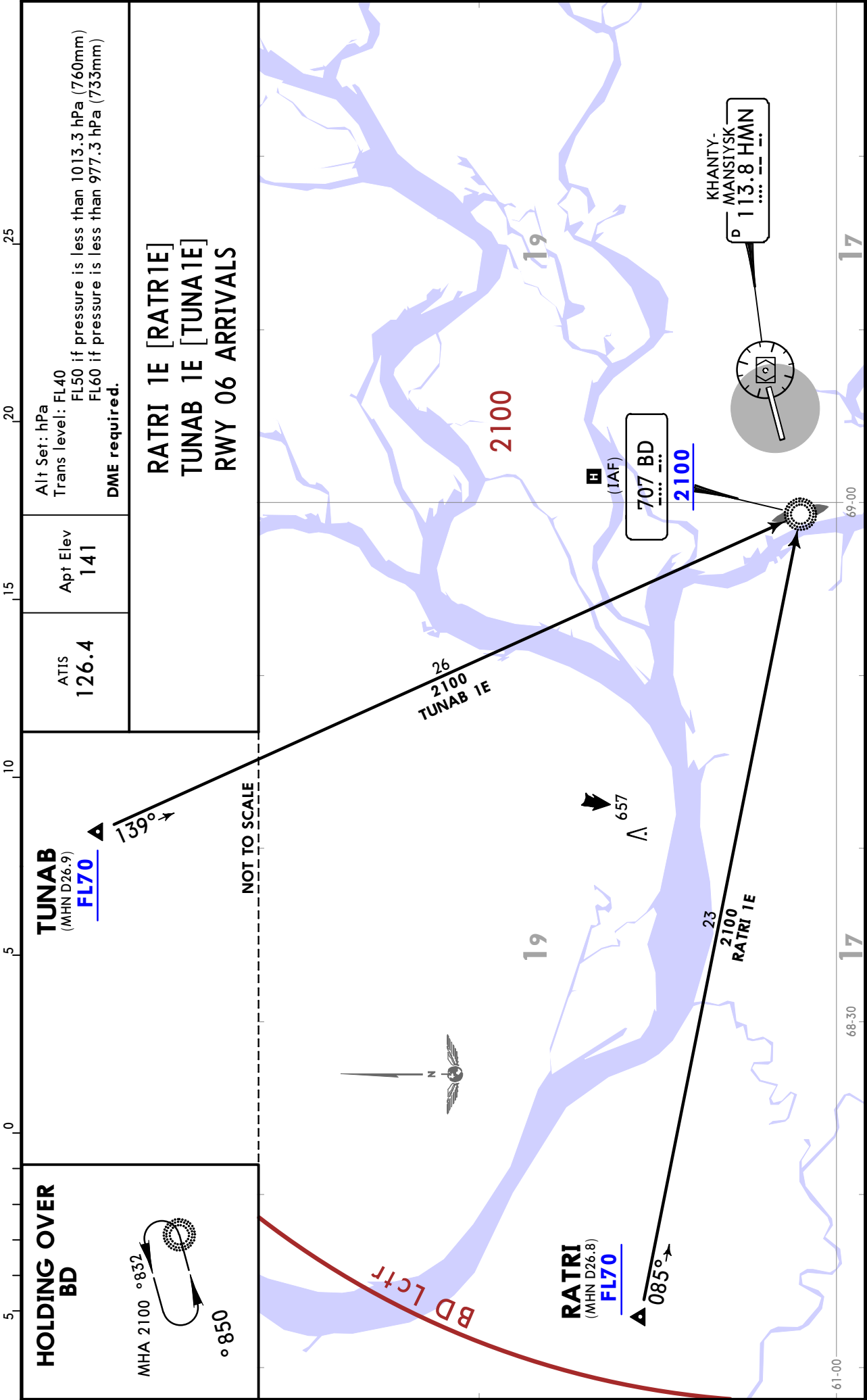
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USHH/HMA
KHANTY-MANSIYSK

19 APR 19 (10-2X4)

JEPPESSEN KHANTY-MANSIYSK, RUSSIA

STAR

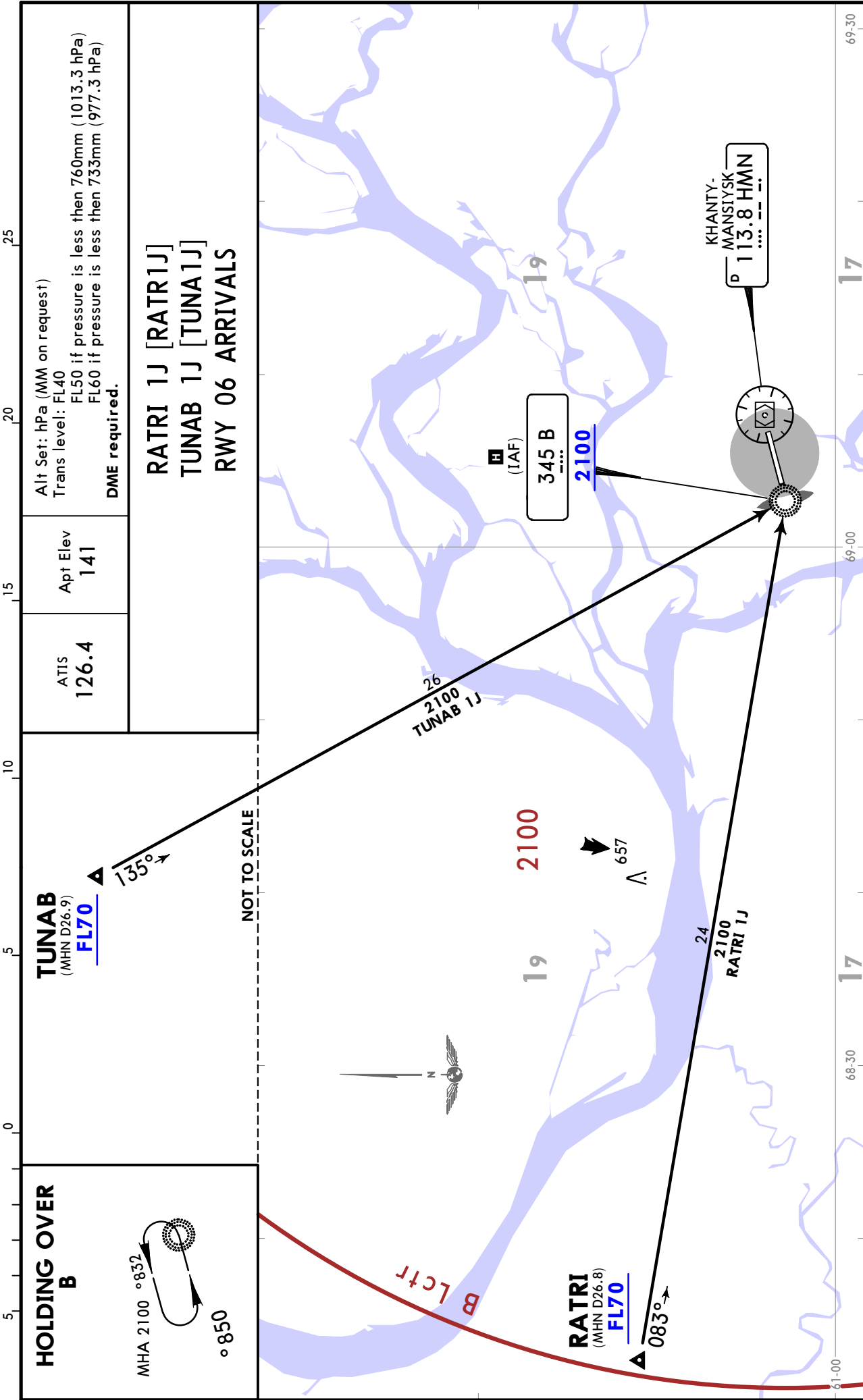


USHH/HMA
KHANTY-MANSIYSK

22 MAR 19 10-2X6 Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

STAR



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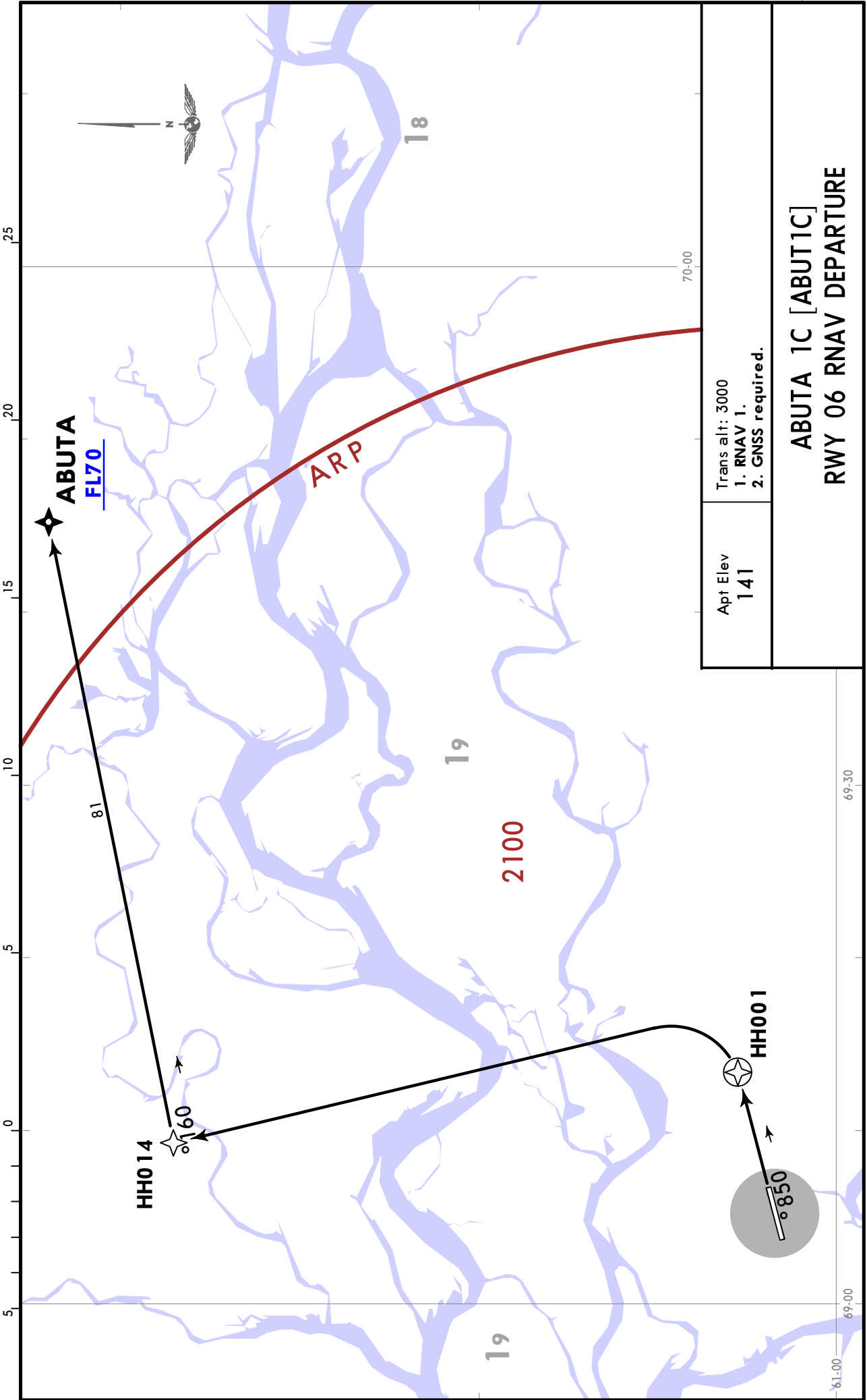
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USHH/HMA
KHANTY-MANSIYSK

JEPPesen 22 MAR 19 10-3 Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

RNAV SID

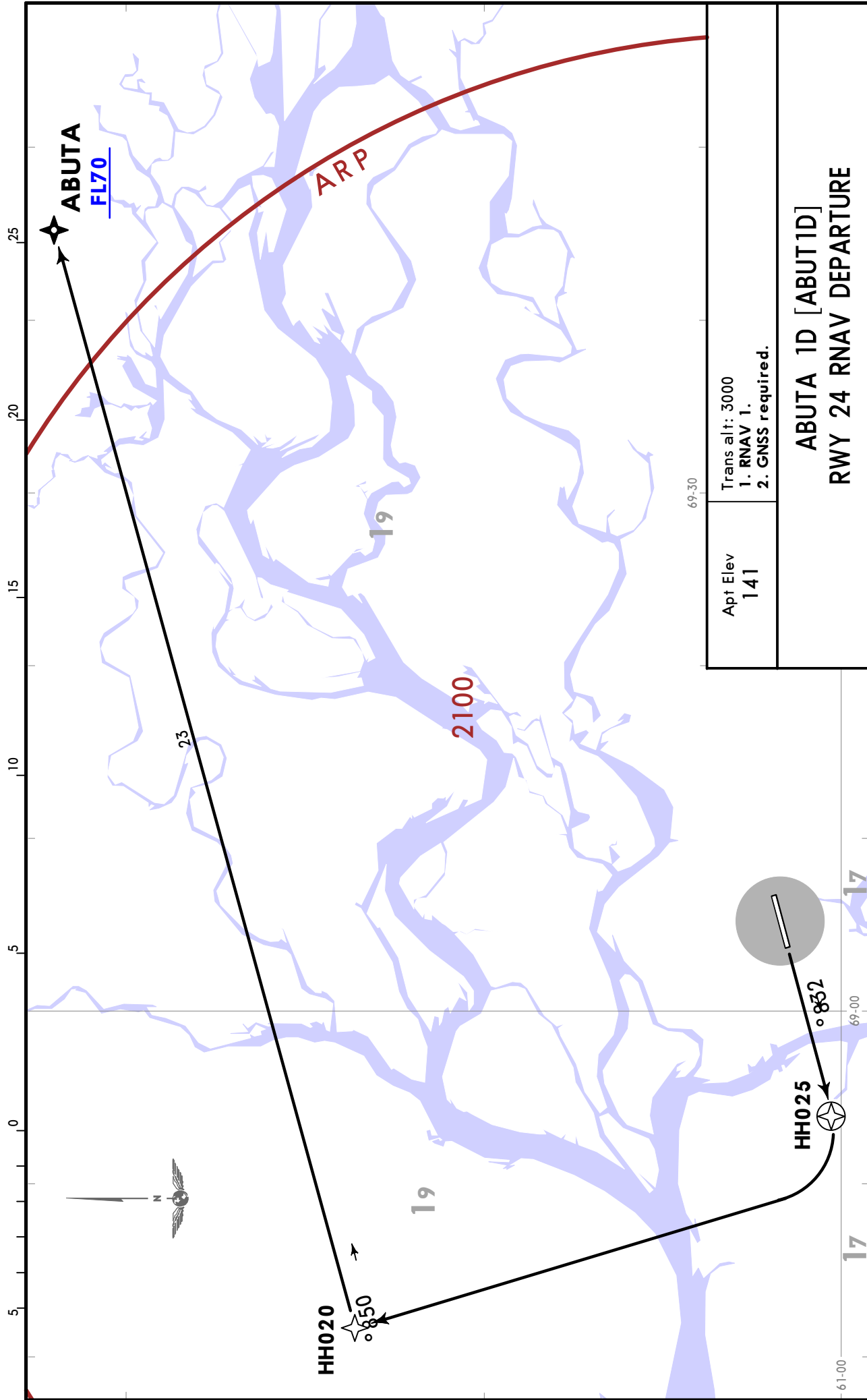


USHH/HMA
KHANTY-MANSIYSK

JEPPesen 22 MAR 19 10-3A Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

RNAV SID



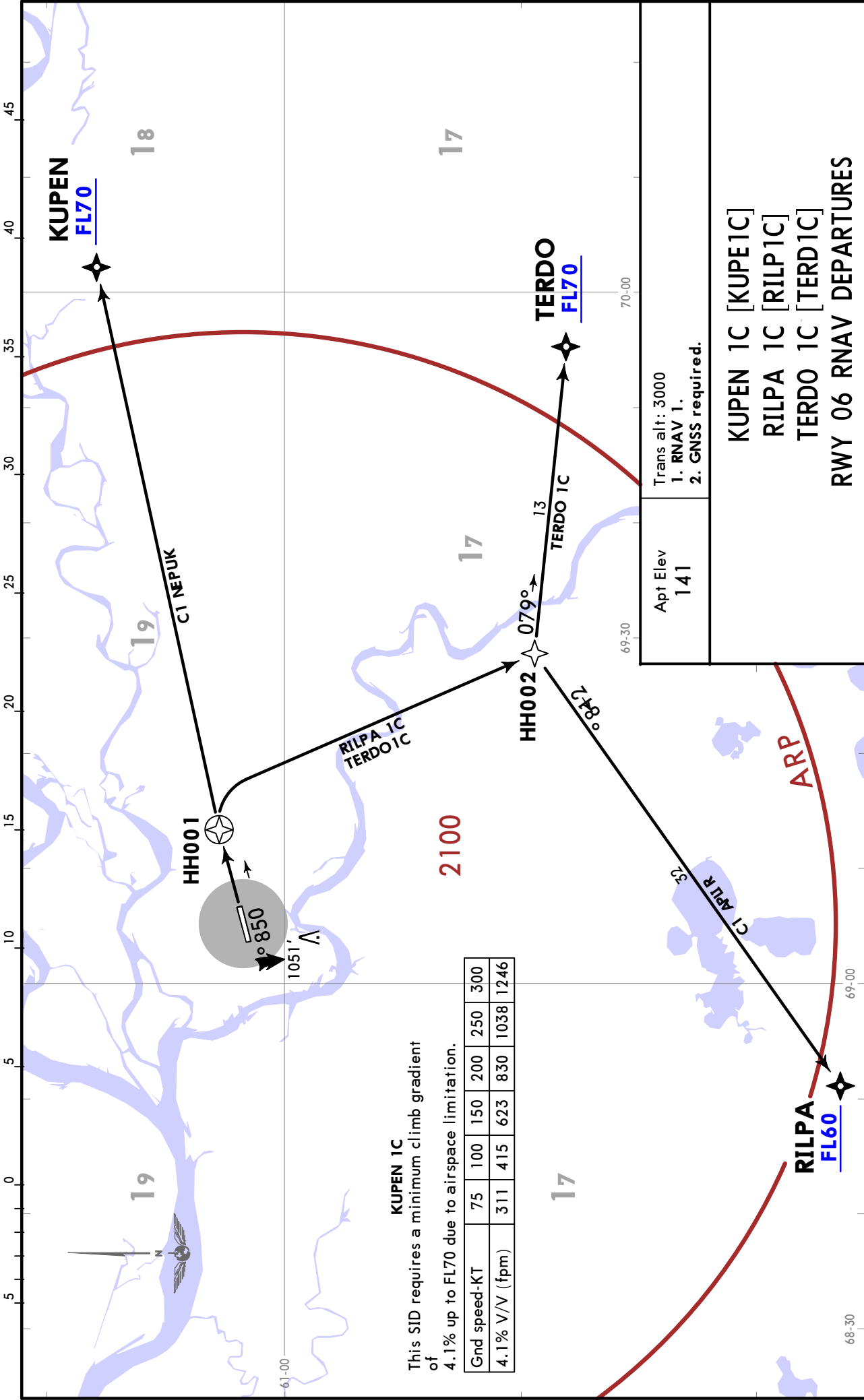
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KHANTY-MANSIYSK

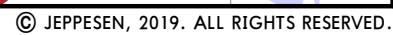
JEPPesen
22 MAR 19 10-3B

Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

RNAV SID





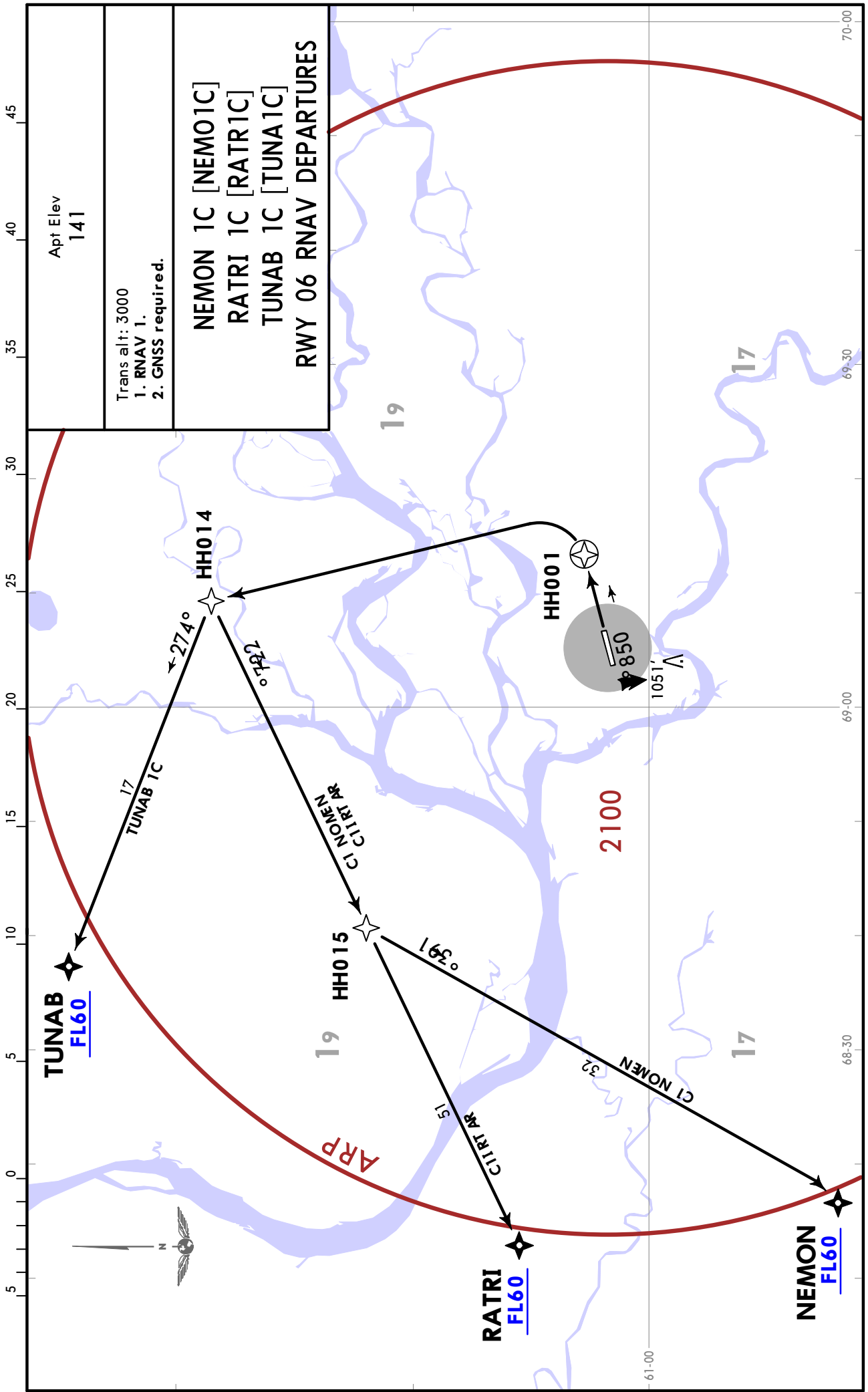
USHH/HMA
KHANTY-MANSIYSK

JEPPesen
22 MAR 19 10-3D

Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

RNAV SID

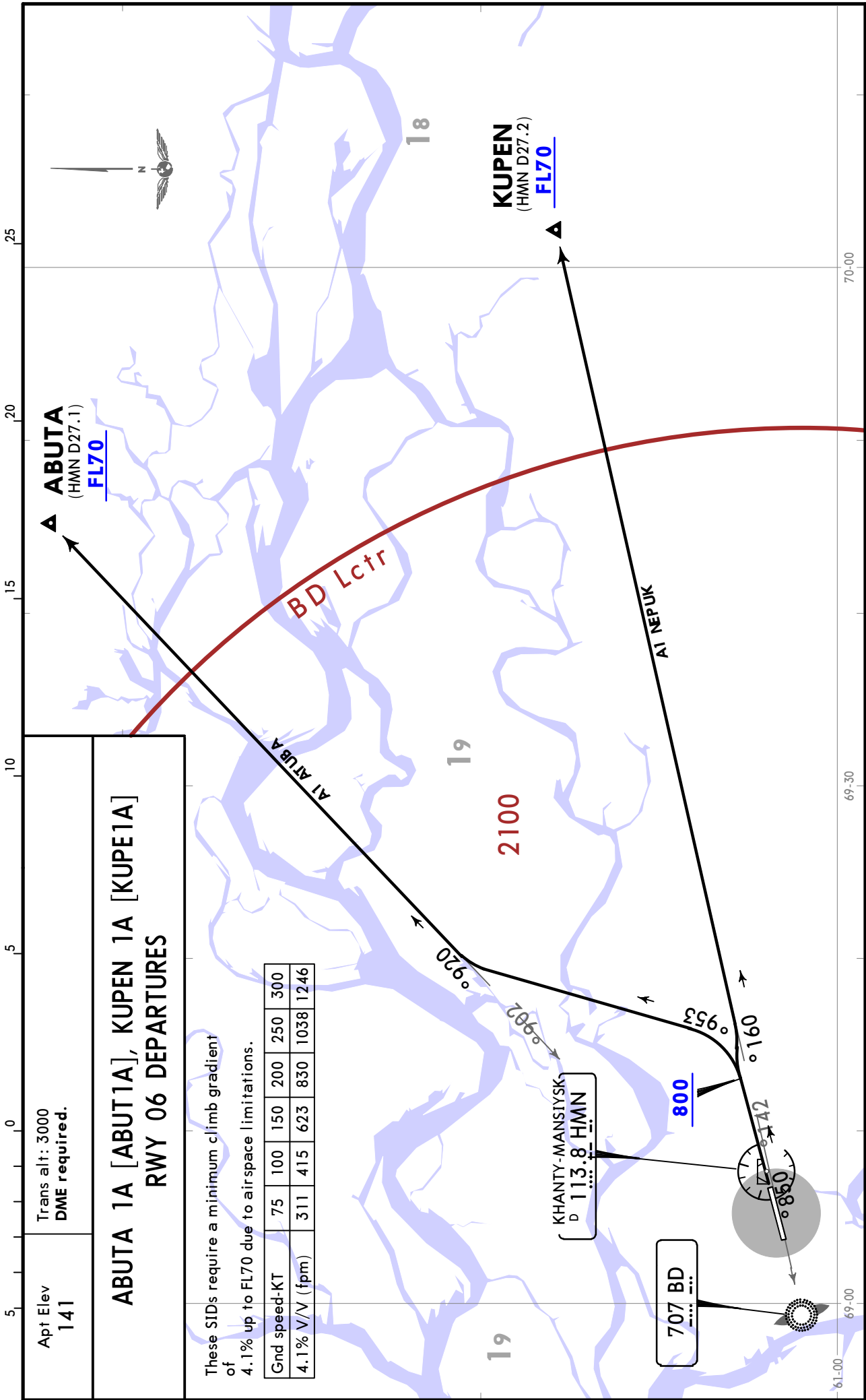


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KHANTY-MANSIYSK

JEPPesen
22 MAR 19 10-3F Eff 28 Mar

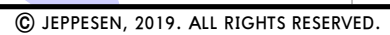
KHANTY-MANSIYSK, RUSSIA

SID



CHANGES: SIDs completely revised.

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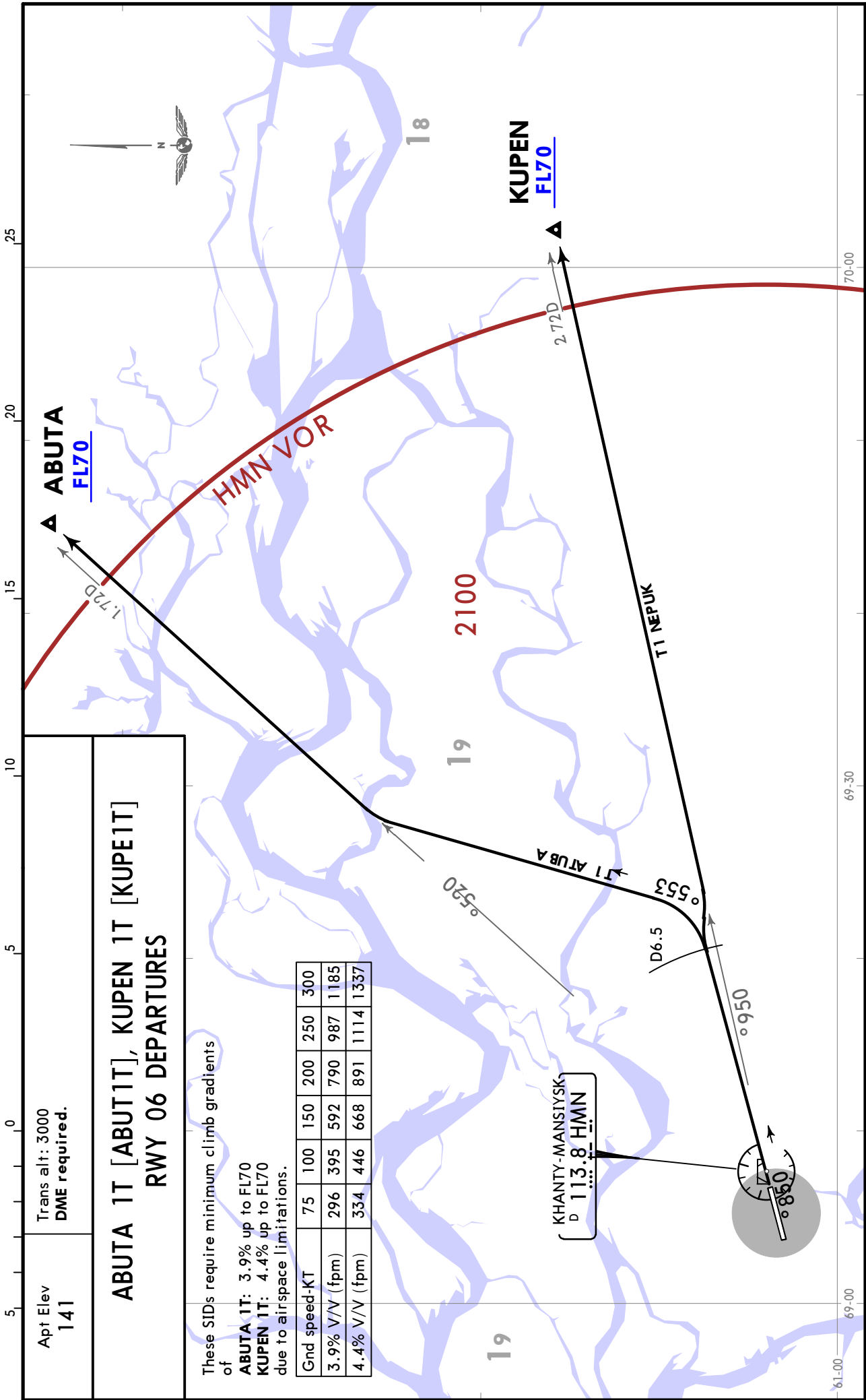


USHH/HMA
KHANTY-MANSIYSK

JEPPESEN
22 MAR 19 10-3H Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

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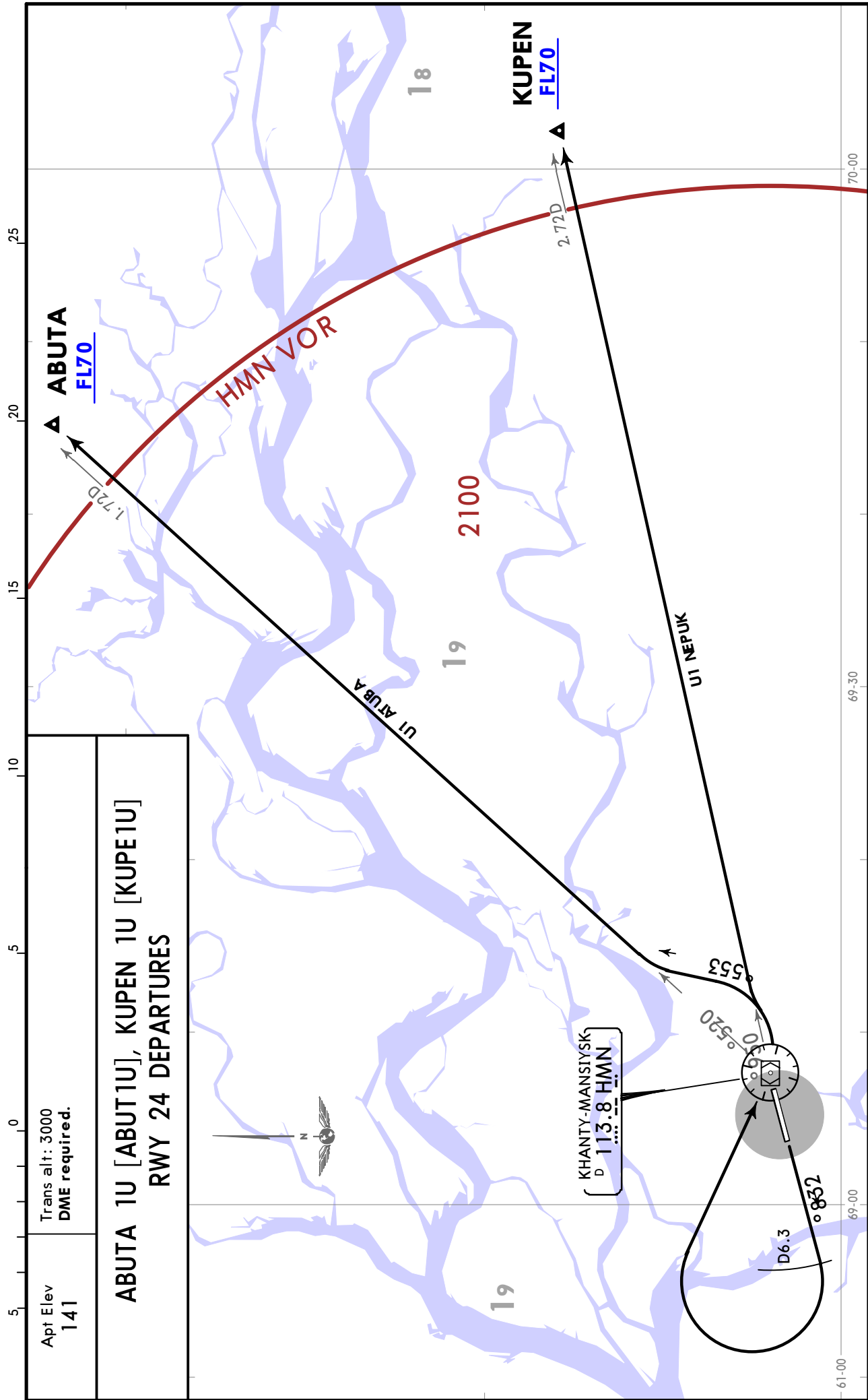


USHH/HMA
KHANTY-MANSIYSK

JEPPESSEN
22 MAR 19 10-3J Eff 28 Mar

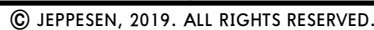
KHANTY-MANSIYSK, RUSSIA

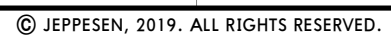
SID



CHANGES: SIDs completely revised.

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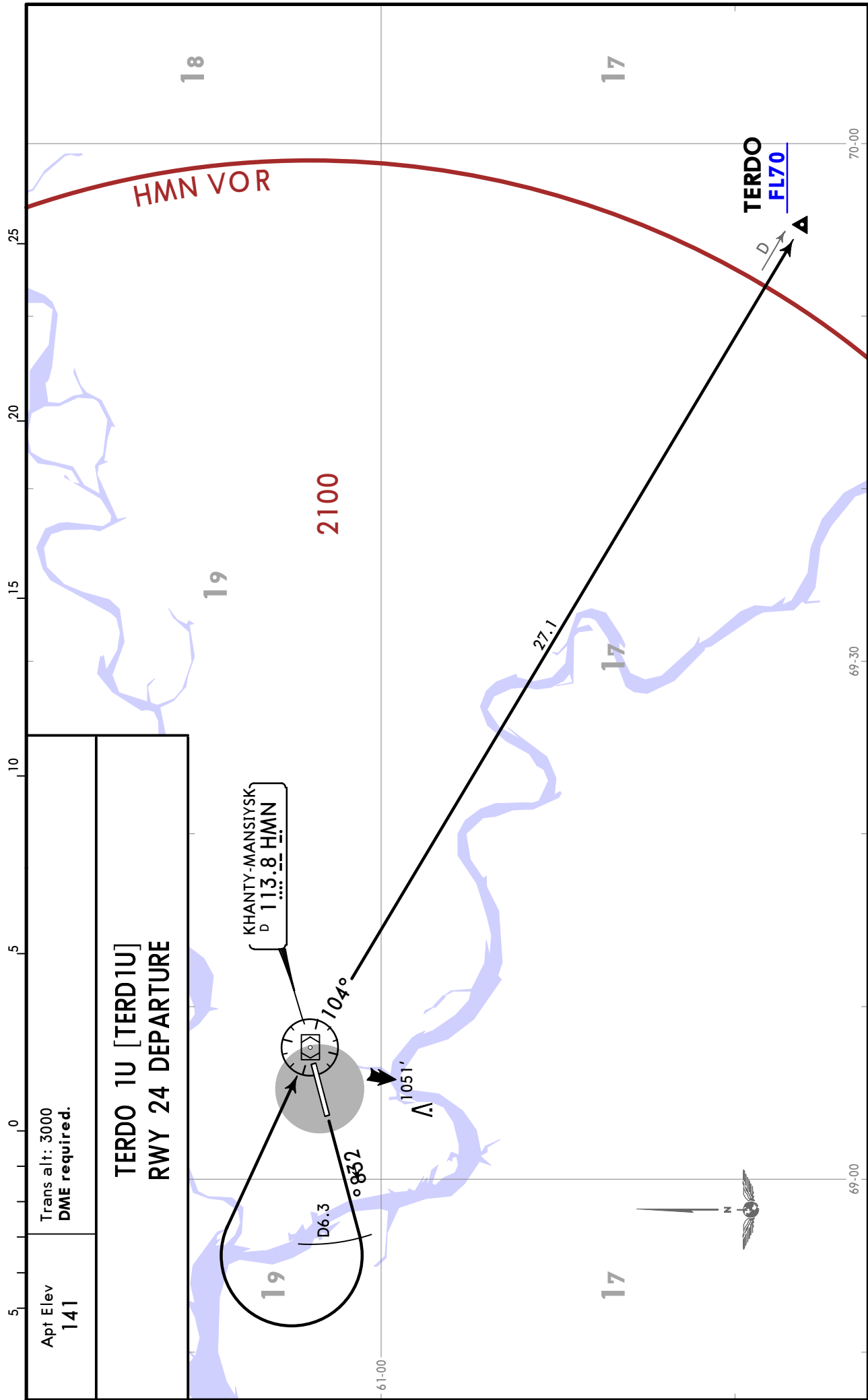


USHH/HMA
KHANTY-MANSIYSK

JEPPesen 22 MAR 19 10-3N Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

SID



CHANGES: SID completely revised.

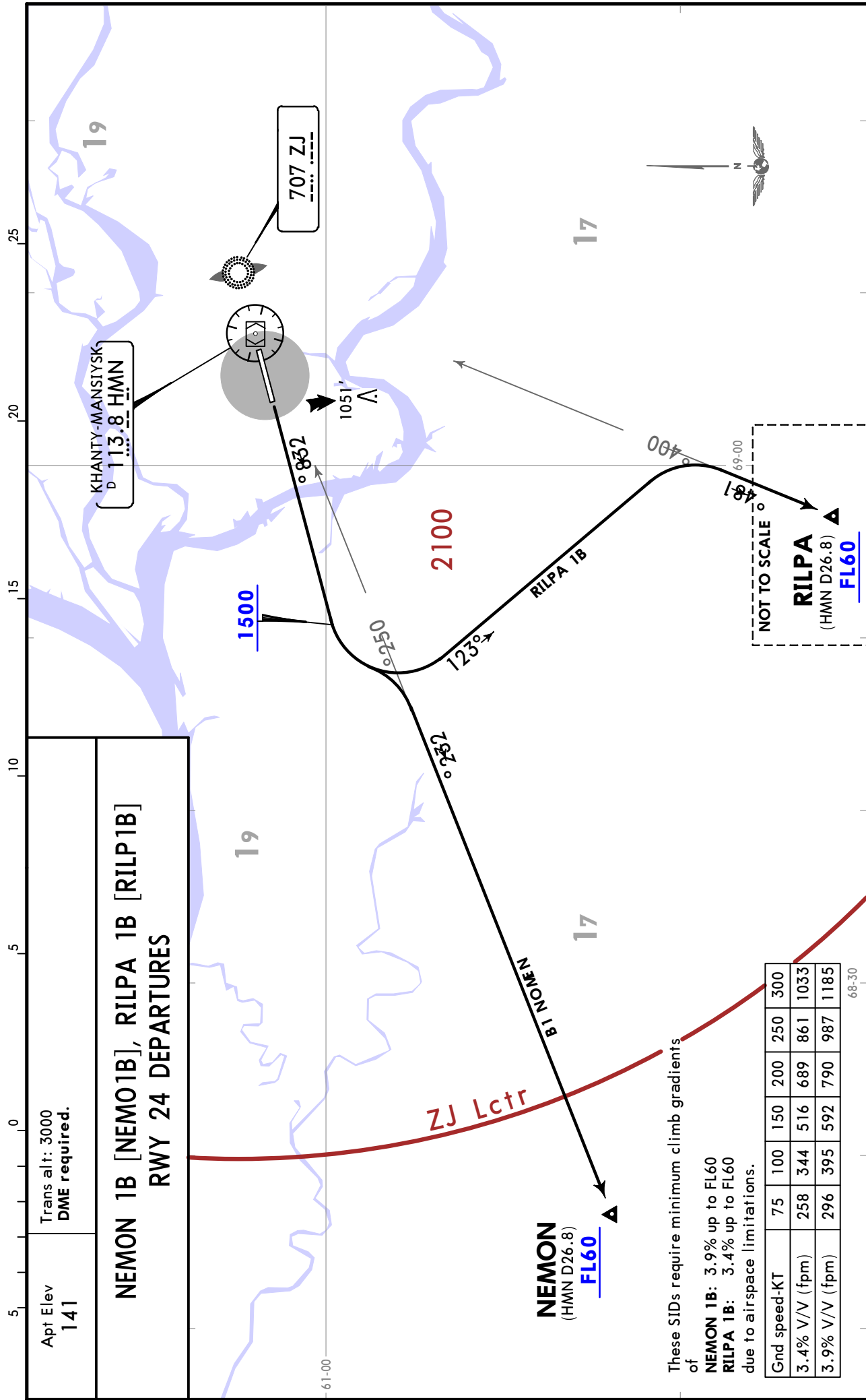
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USHH/HMA
KHANTY-MANSIYSK

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
22 MAR 19 10-3Q Eff 28 Mar

SID



CHANGES: SIDs completely revised.

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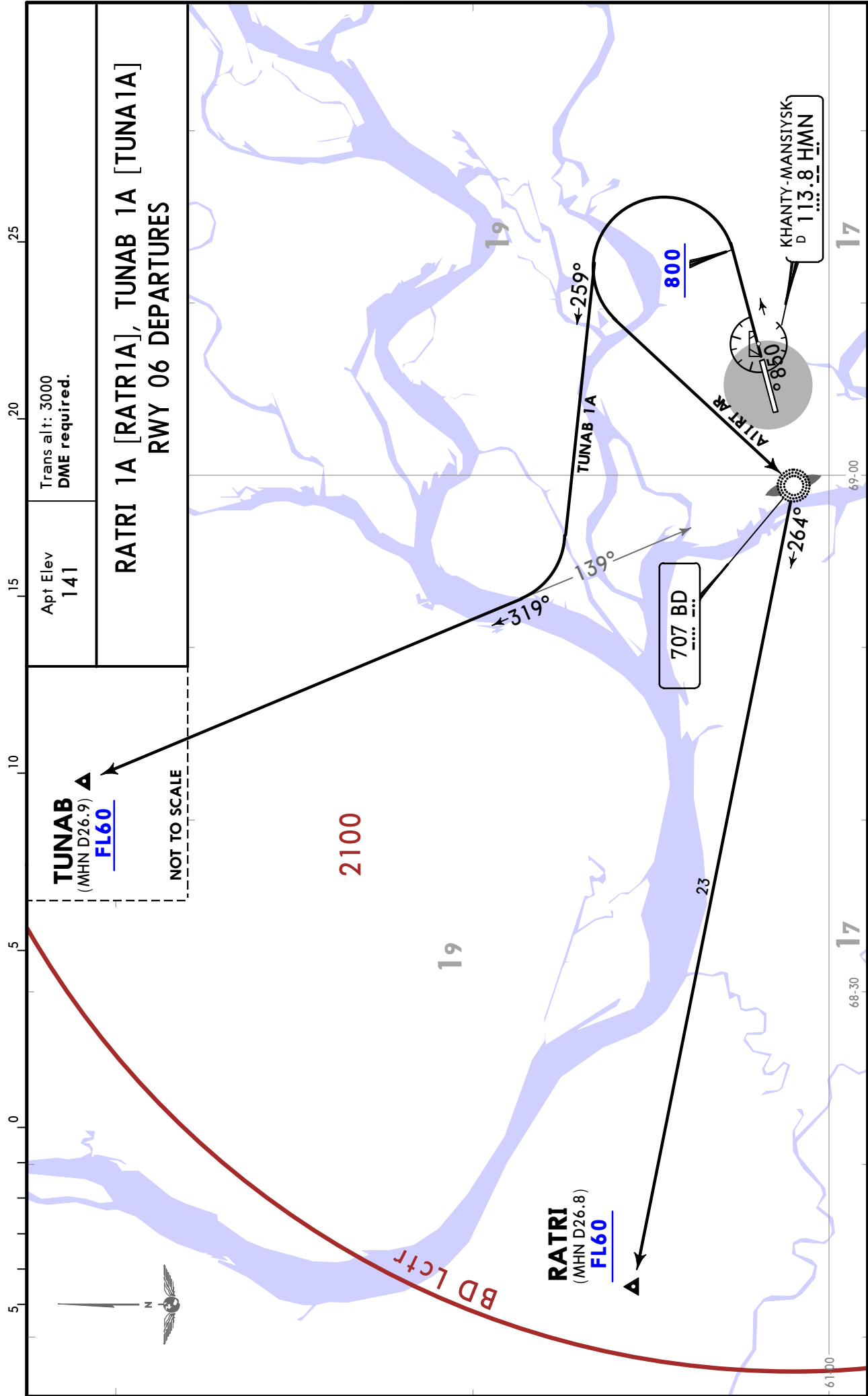


USHH/HMA
KHANTY-MANSIYSK

JEPPesen 22 MAR 19 10-3U Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

SID



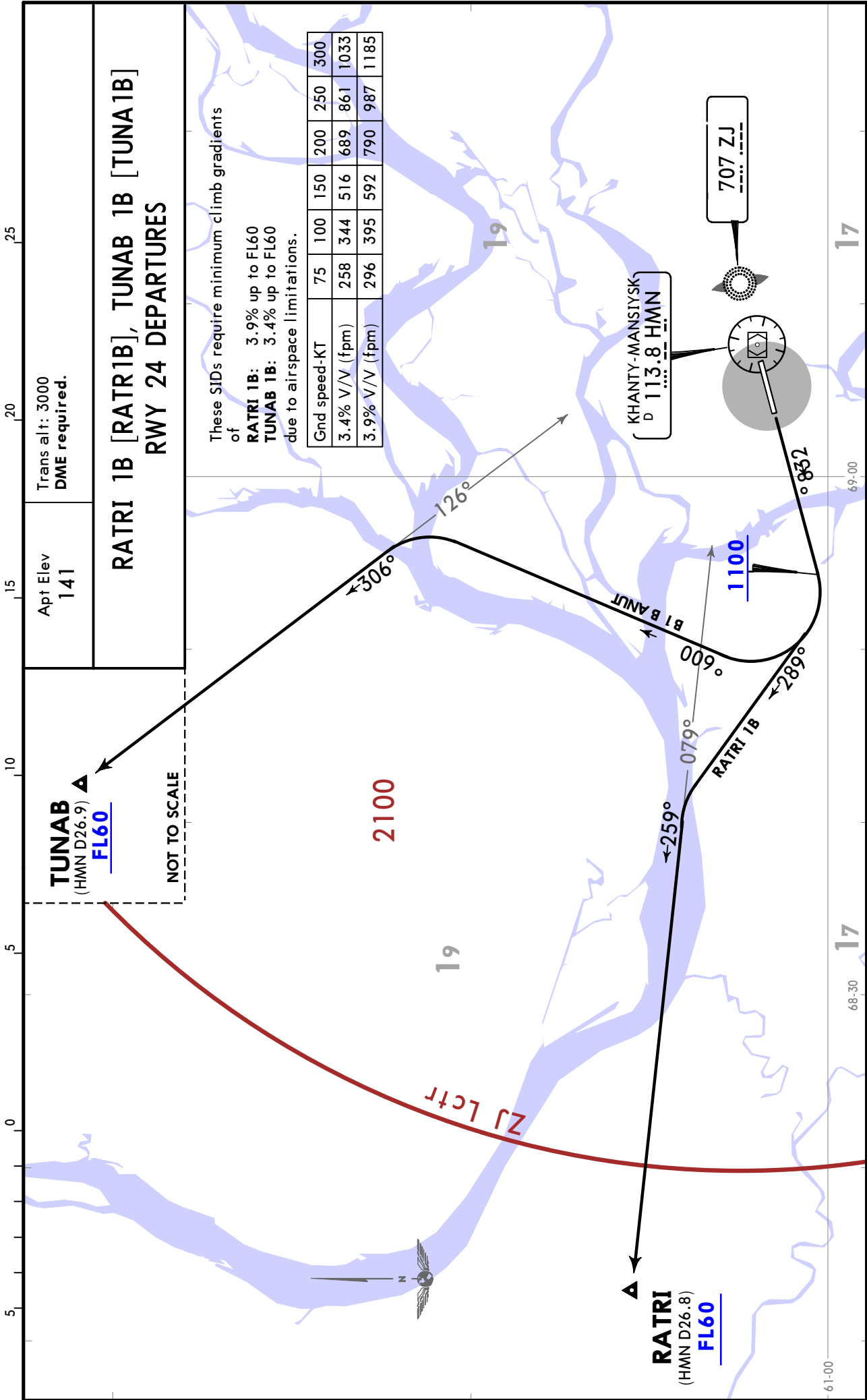
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KHANTY-MANSIYSK

22 MAR 19 10-3V

Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

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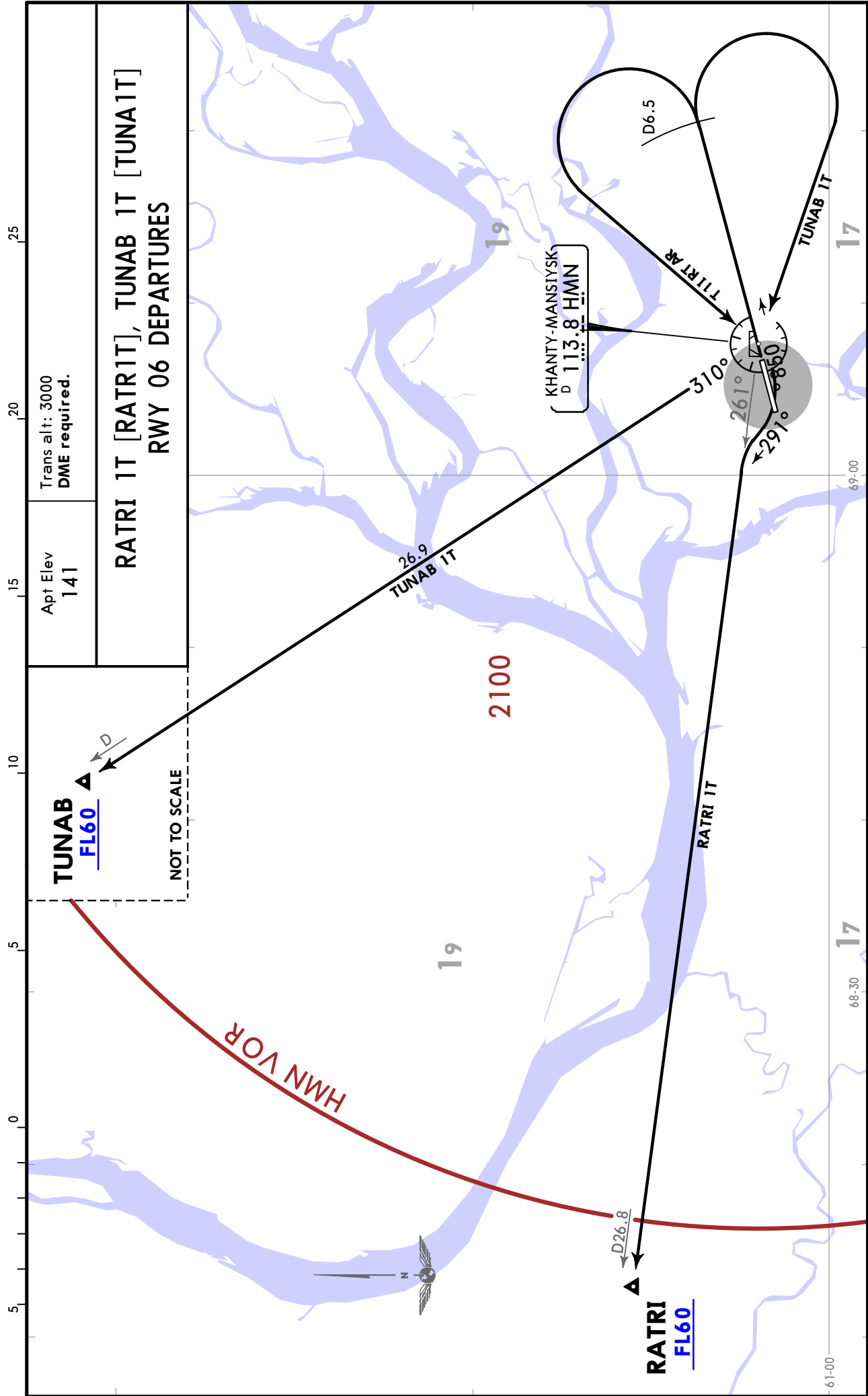


USHH/HMA
KHANTY-MANSIYSK

JEPPesen 22 MAR 19 10-3W Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA

SID



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USHH/HMA

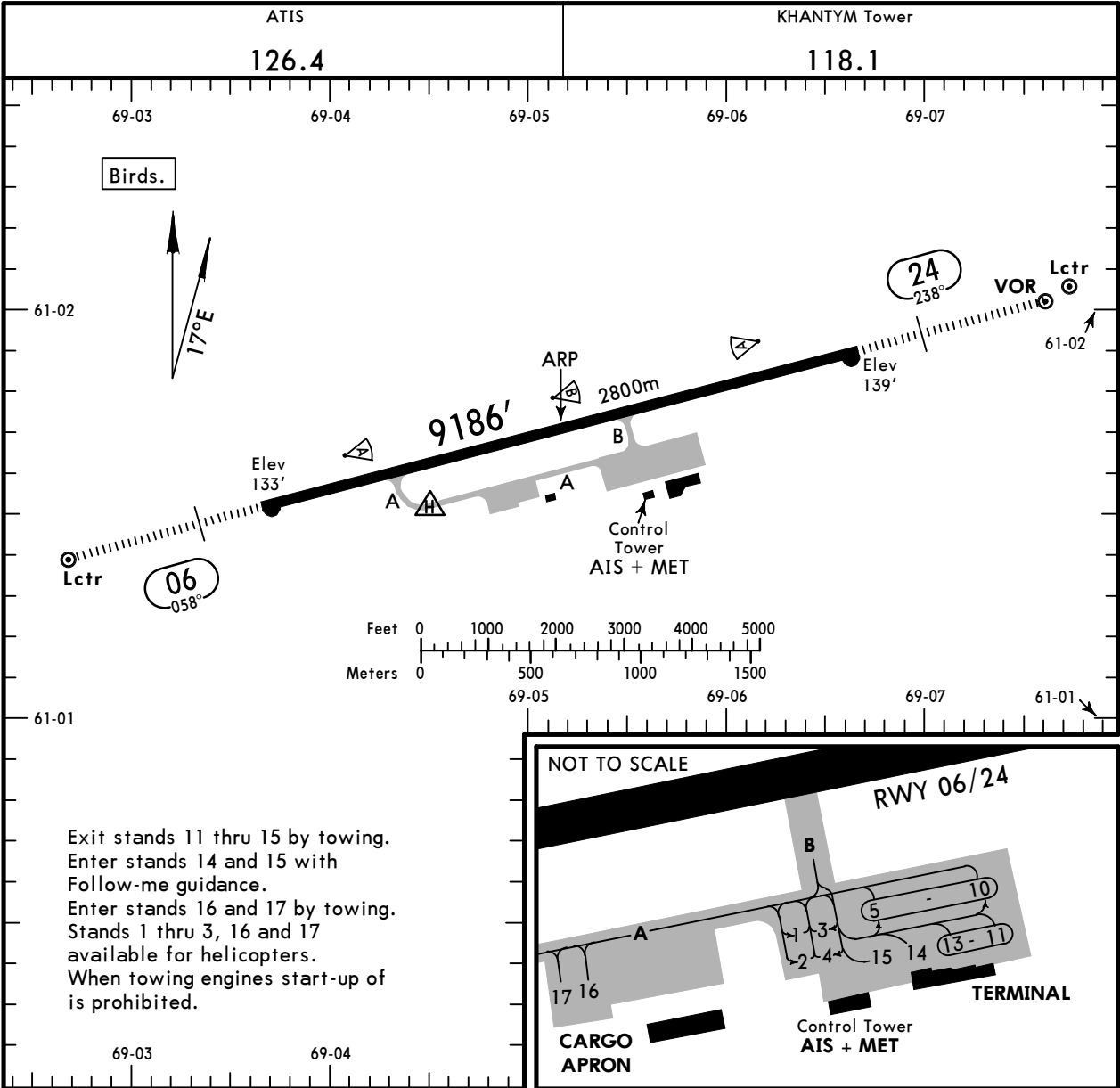
Apt Elev 141'
N61 01.7 E069 05.2



JEPPesen KHANTY-MANSIYSK, RUSSIA

22 MAR 19 10-9 Eff 28 Mar

KHANTY-MANSIYSK



ADDITIONAL RUNWAY INFORMATION					USABLE LENGTHS		
RWY					LANDING BEYOND		WIDTH
					Threshold	Glide Slope	
06 24	HIRL (60m)	HIALS	PAPI-L (angle 3.0°)	RVR		8153' 2485m	148' 45m

① TAKE-OFF RUN AVAILABLE			
RWY 06:		RWY 24:	
From rwy head	9186' (2800m)	From rwy head	9186' (2800m)
twy A int	7152' (2180m)	twy B int	5577' (1700m)
twy B int	3609' (1100m)	twy A int	2034' (620m)

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

USHH/HMA


JEPPESEN
22 MAR 19
Eff 28 Mar

10-9S

Standard
KHANTY-MANSIYSK, RUSSIA
KHANTY-MANSIYSK

STRAIGHT-IN RWY	A	B	C	D
06 ILS FULL ALS out	333' (200') ① R550m R1200m	333' (200') ① R550m R1200m	333' (200') ① R550m R1200m	333' (200') ① R550m R1200m
GLS FULL ALS out	333' (200') ① R550m R1200m	333' (200') ① R550m R1200m	333' (200') ① R550m R1200m	333' (200') ① R550m R1200m
LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
② RNAV (GNSS) LNAV ALS out	540' (407') R1200m R1500m	540' (407') R1200m R1500m	540' (407') R1200m R1900m	540' (407') R1200m R1900m
② VOR Z ALS out	570' (437') R1300m R1500m	570' (437') R1300m R1500m	570' (437') R1300m R2000m	570' (437') R1300m R2000m
② VOR Y ALS out	610' (477') R1500m R1500m	610' (477') R1500m R1500m	610' (477') R1500m R2200m	610' (477') R1500m R2200m
VOR Y ALS out	610' (477') R1700m R2400m	610' (477') R1700m R2400m	610' (477') R1900m R2600m	610' (477') R1900m R2600m
② NDB Z ALS out	570' (437') R1300m R1500m	570' (437') R1300m R1500m	570' (437') R1300m R2000m	570' (437') R1300m R2000m
② NDB Y ALS out	610' (477') R1500m R1500m	610' (477') R1500m R1500m	610' (477') R1500m R2200m	610' (477') R1500m R2200m
NDB Y ALS out	610' (477') R1700m R2400m	610' (477') R1700m R2400m	610' (477') R1900m R2600m	610' (477') R1900m R2600m

① W/o HUD/AP/FD: RVR 750m.

② Continuous Descent Final Approach.

USHH/HMA

 **JEPPESEN**
22 MAR 19
Eff 28 Mar (10-9S1)

Standard

KHANTY-MANSIYSK, RUSSIA
KHANTY-MANSIYSK

STRAIGHT-IN RWY	A	B	C	D
24 ILS FULL ALS out	339'(200') ① R550m R1200m	339'(200') ① R550m R1200m	357'(218') ① R550m R1200m	367'(228') ① R550m R1200m
GLS FULL ALS out	339'(200') ① R550m R1200m	339'(200') ① R550m R1200m	357'(218') ① R550m R1200m	367'(228') ① R550m R1200m
LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
② RNAV (GNSS) LNAV ALS out	520'(381') R1100m R1500m	520'(381') R1100m R1500m	520'(381') R1100m R1800m	520'(381') R1100m R1800m
② VOR Z ALS out	520'(381') R1100m R1500m	520'(381') R1100m R1500m	520'(381') R1100m R1800m	520'(381') R1100m R1800m
② VOR Y ALS out	680'(541') R1500m R1500m	680'(541') R1500m R1500m	680'(541') R1800m R2400m	680'(541') R1800m R2400m
VOR Y ALS out	680'(541') R2000m R2700m	680'(541') R2000m R2700m	680'(541') R2200m R2900m	680'(541') R2200m R2900m
② NDB Z ALS out	540'(401') R1200m R1500m	540'(401') R1200m R1500m	540'(401') R1200m R1900m	540'(401') R1200m R1900m
② NDB Y ALS out	680'(541') R1500m R1500m	680'(541') R1500m R1500m	680'(541') R1800m R2400m	680'(541') R1800m R2400m
NDB Y ALS out	680'(541') R2000m R2700m	680'(541') R2000m R2700m	680'(541') R2200m R2900m	680'(541') R2200m R2900m

- ① W/o HUD/AP/FD: RVR 750m.
② Continuous Descent Final Approach.

CIRCLE-TO-LAND ③	100 KT	135 KT	180 KT	205 KT
	620'(479') ④ V1500m	930'(789') ④ V1600m	1400'(1299') ④ V2400m	1400'(1299') V3600m

- ③ PROHIBITED over housing areas NORTH of RWY and over city.
④ 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	Adequate vis ref (Day only)
	A	R300m	400m	500m
	B			
	C			
D				

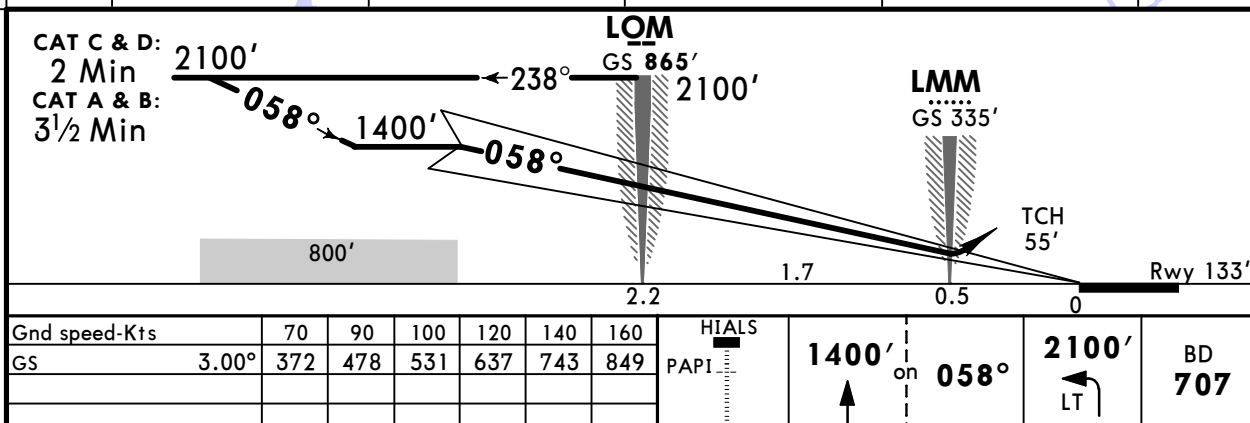
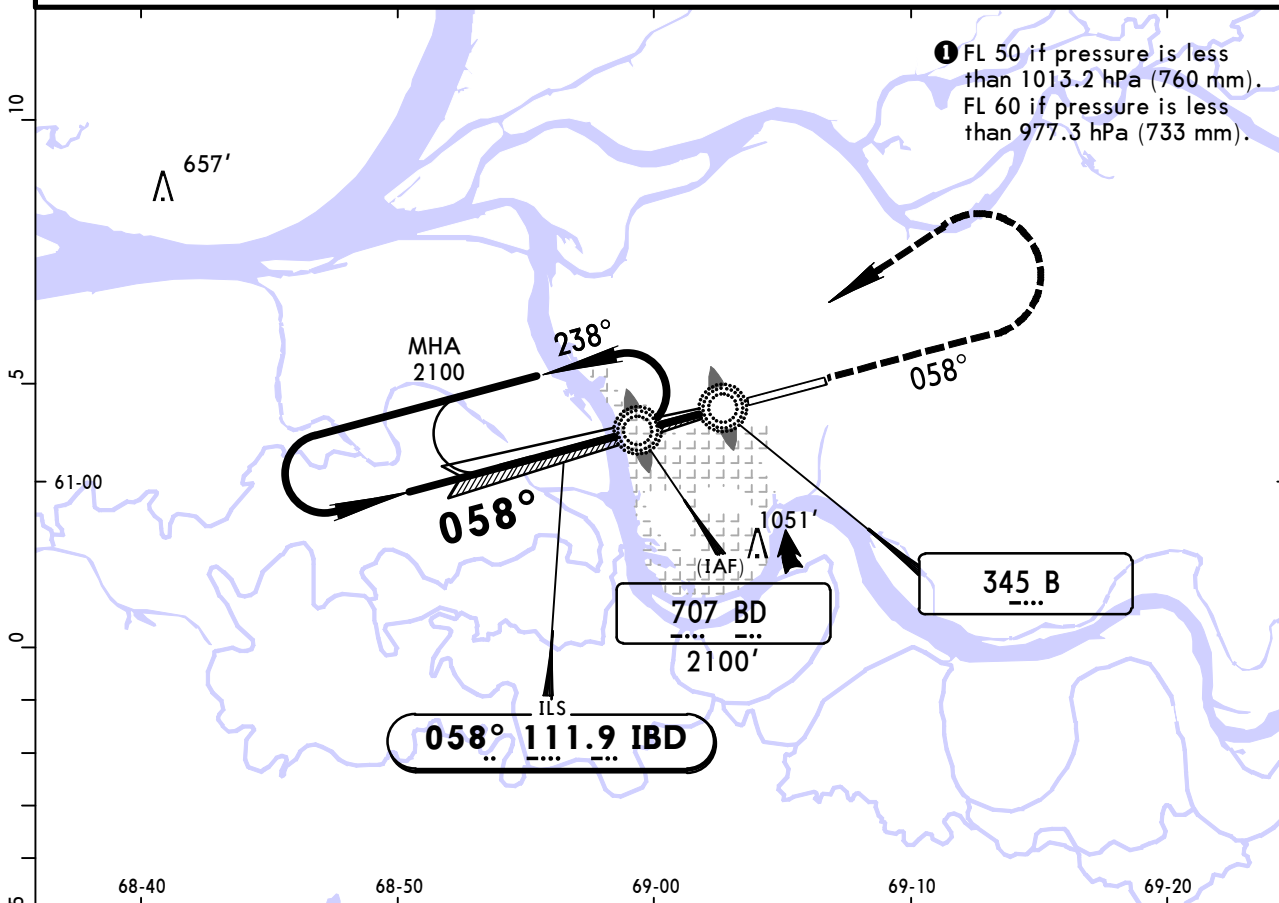
USHH/HMA
KHANTY-MANSIYSK

22 MAR 19

11-1
Eff 28 Mar

JEPPESSEN
KHANTY-MANSIYSK, RUSSIA
ILS Rwy 06

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
LOC IBD 111.9	Final Apch Crs 058°	GS LOM 865' (732')	ILS DA(H) 333' (200')	Apt Elev 141' Rwy 133'	2100 MSA BD NDB
MISSED APCH: Climb on 058° to 1400', then turn LEFT to BD NDB climbing to 2100', then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: FL 40 1	
				Trans alt: 3000'	



STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
ILS		LOC (GS out)		Max Kts		MDA(H)	
DA(H) 333' (200')							
FULL		ALS out					
A				100		620' (479')	1600m
B				135		930' (789')	2000m
C	RVR 720m VIS 800m		1200m	180		1440' (1299')	4800m
D				205			

CHANGES: Comm. MSA. Altimeter setting. Procedure. Minimums.

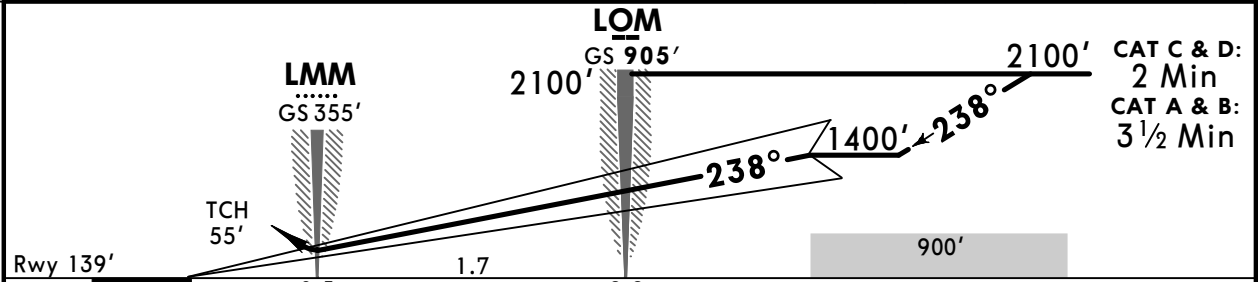
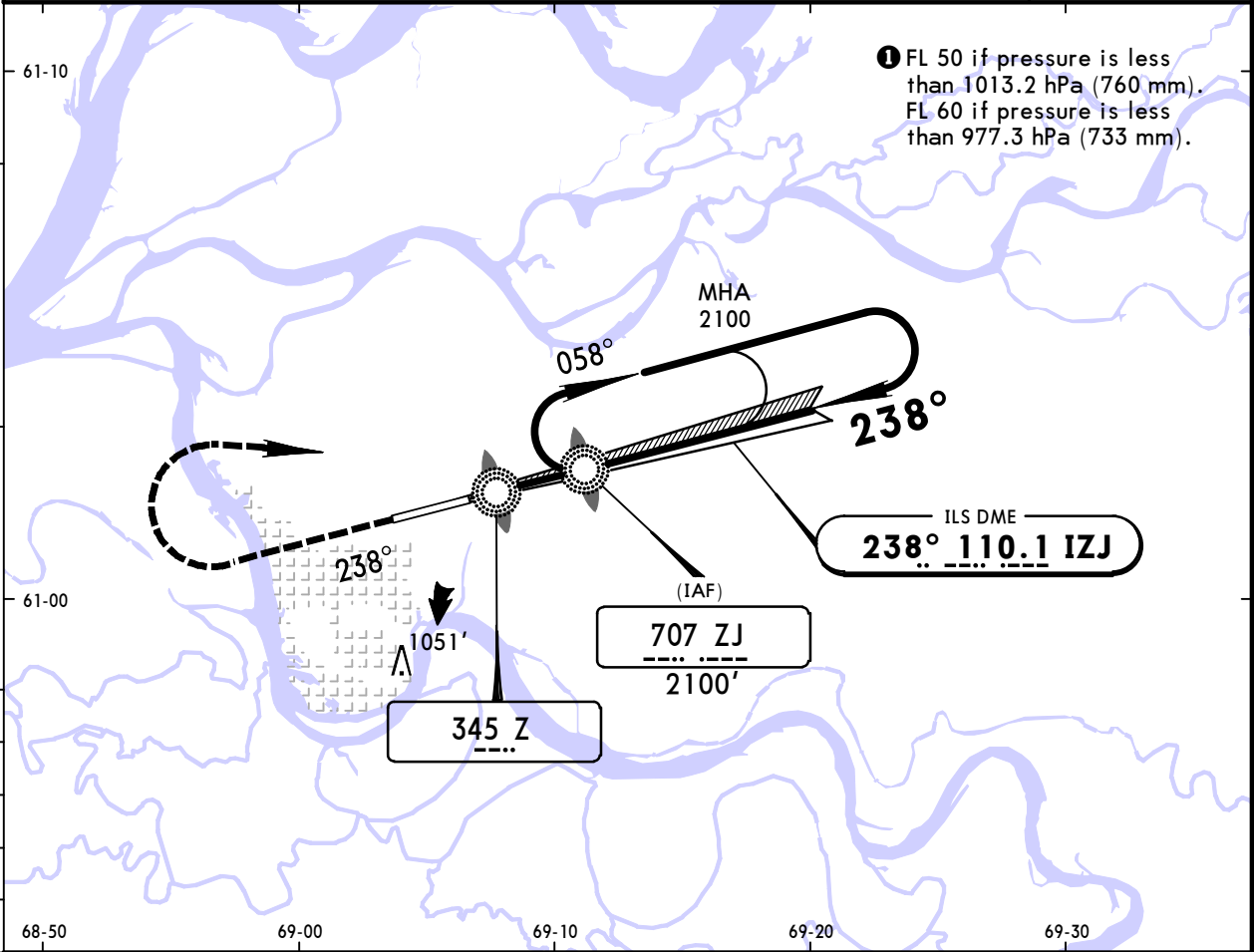
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USHH/HMA
KHANTY-MANSIYSK

22 MAR 19 11-2 Eff 28 Mar

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
ILS Rwy 24

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
LOC IZJ 110.1	Final Apch Crs 238°	GS LOM 905' (766')	ILS DA(H) Refer to Minimums	Apt Elev 141' Rwy 139'	2100 MSA ZJ NDB
MISSED APCH: Climb on 238° to 1400', then turn RIGHT to ZJ NDB climbing to 2100', then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa	Trans level: FL 40 ①	Trans alt: 3000'	



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1400' on 238°	2100' RT	ZJ 707
GS	3.00°	372	478	531	637	743				

STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city	
ILS		LOC (GS out)			
DA(H) AB: 339' (200') C: 357' (218') D: 367' (228')					
FULL		ALS out			
A	RVR 720m VIS 800m	1200m	NOT AUTH	Max Kts	MDA(H)
B				100	620' (479') 1600m
C				135	930' (789') 2000m
D				180	1440' (1299') 4800m

USHH/HMA
KHANTY-MANSIYSK

22 MAR 19

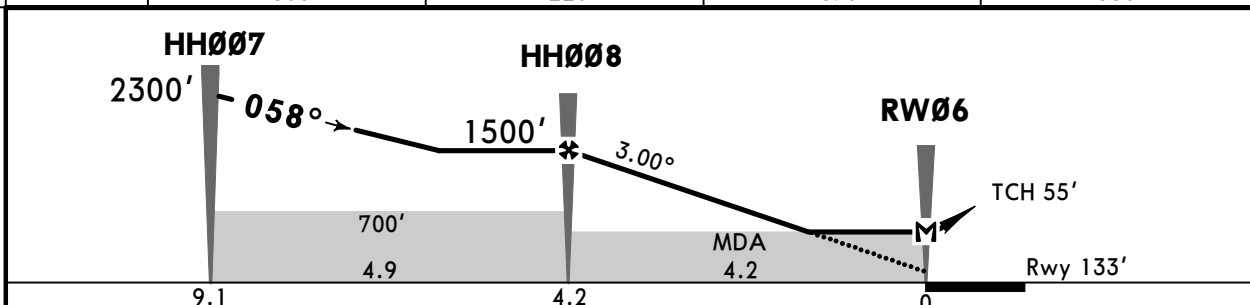
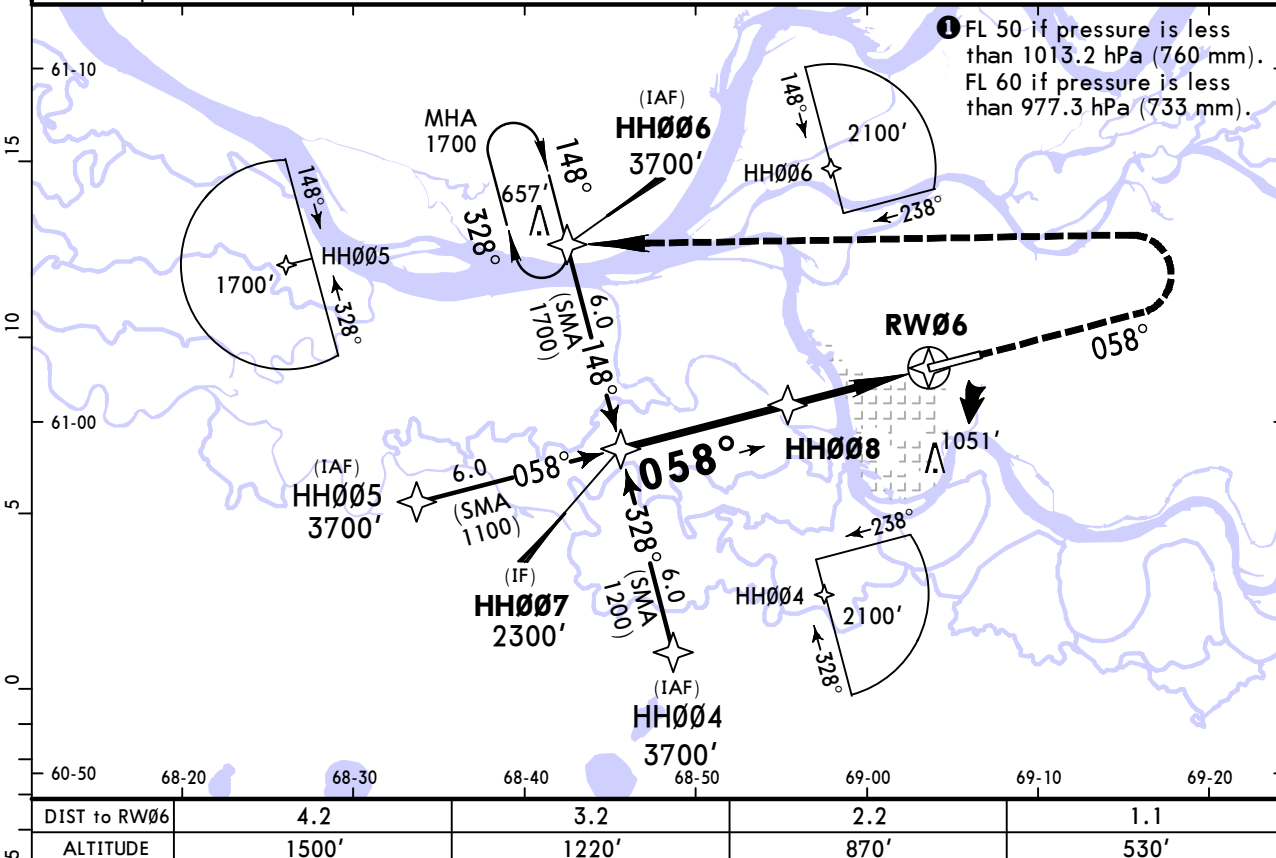
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Eff 28 Mar

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
RNAV (GNSS) Rwy 06

BRIEFING STRIP™

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
RNAV	Final Apch Crs 058°	Procedure Alt HH008 1500' (1367')	LNAV MDA(H) 540' (407')	Apt Elev 141' Rwy 133'	TAA 25 NM IAF
MISSED APCH: Climb on 058° to 800' or above, then turn LEFT to HH006 climbing to 2100' or above, then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa	Trans level: FL 40 ①		
RNP apch		Trans alt: 3000'			
GNSS required.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS	MIM	800'	on	058°	MIM	2100'	HH006
Descent Angle	3.00°	372	478	531	637	743	849	PAPI						
MAP at RW06														

STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
LNAV							
MDA(H) 540' (407')							
				ALS out			
A	RVR 720m VIS 800m			RVR 1500m VIS 1600m		Max Kts	MDA(H)
B						100	620' (479') 1600m
C	1200m					135	930' (789') 2000m
D	RVR 1500m VIS 1600m			RVR 1800m VIS 2000m		180	1440' (1299') 4800m
						205	

CHANGES: New procedure.

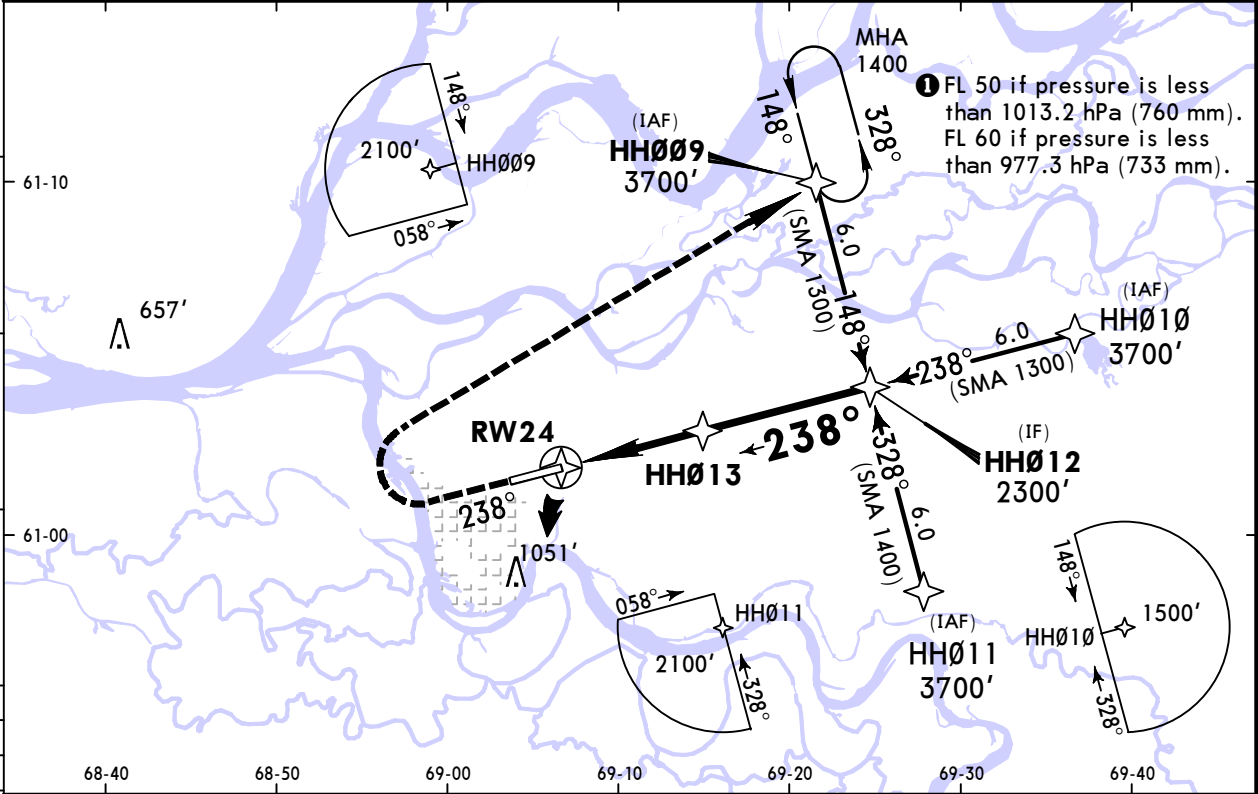
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USHH/HMA
KHANTY-MANSIYSK

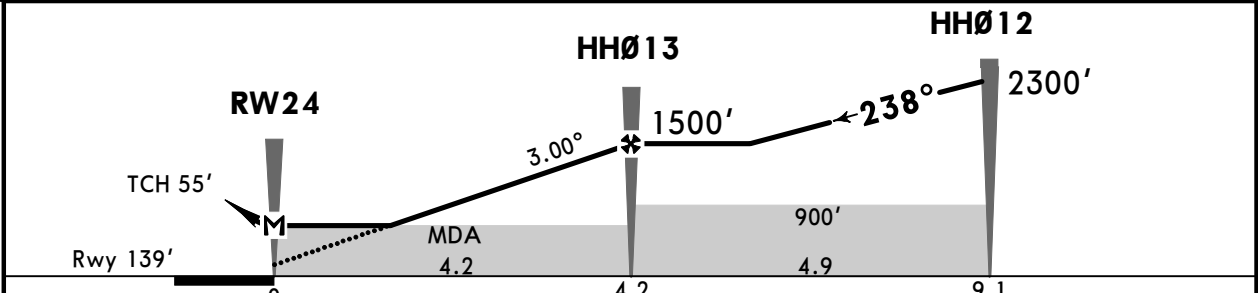
22 MAR 19 12-2 Eff 28 Mar

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
RNAV (GNSS) Rwy 24

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
RNAV	Final Apch Crs 238°	Procedure Alt HH013 1500' (1361')	LNAV MDA(H) 520' (381')	Apt Elev 141' Rwy 139'	TAA 25 NM IAF
MISSED APCH: Climb on 238° to 1000' or above, then turn RIGHT to HH009 climbing to 2100' or above, then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: FL 40 ①	
RNP apch					
GNSS required.					



DIST to RW24	1.1	2.2	3.2	4.2
ALTITUDE	540'	880'	1220'	1500'



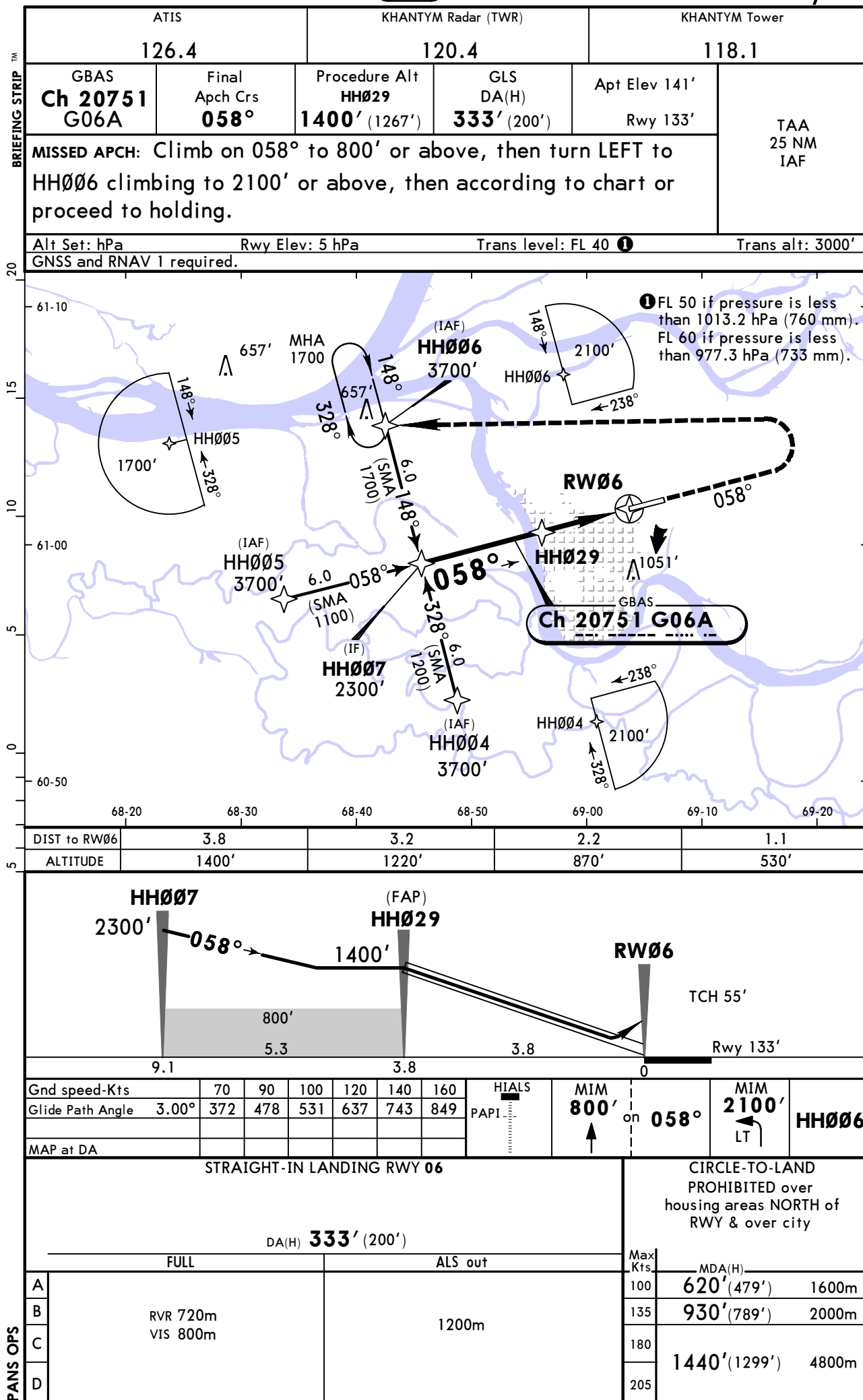
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIM	238°	MIM	HH009	
Descent Angle	3.00°	372	478	531	637	743		849		1000'		2100'
MAP at RW24												

STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city	
LNAV					
MDA(H) 520' (381')					
			ALS out	Max Kts	MDA(H)
A	RVR 720m VIS 800m		RVR 1500m VIS 1600m	100	620' (479') 1600m
B				135	930' (789') 2000m
C				180	1440' (1299') 4800m
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	205		

USHH/HMA
KHANTY-MANSIYSK

29 MAR 19

12-40

JEPPESSEN
KHANTY-MANSIYSK, RUSSIA
GLS Rwy 06


CHANGES: Reissue.

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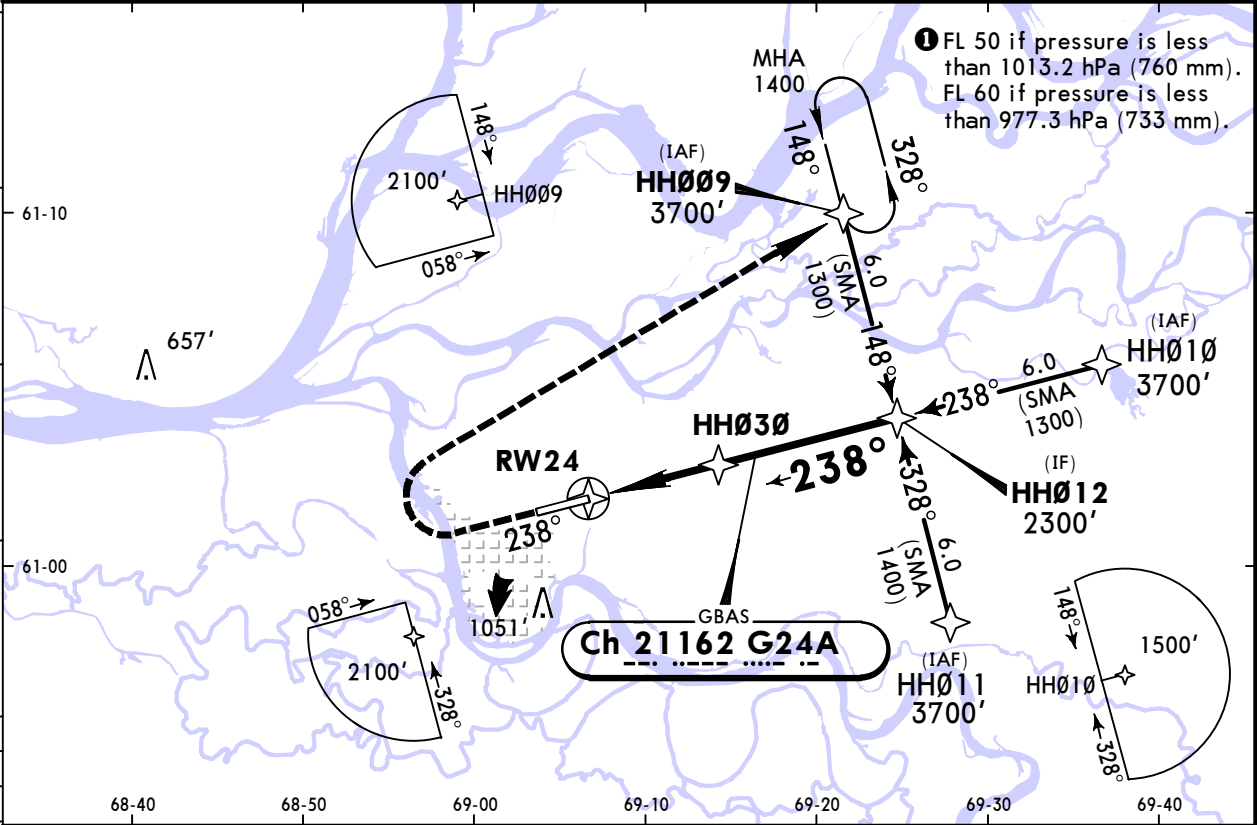
USHH/HMA
KHANTY-MANSIYSK

29 MAR 19

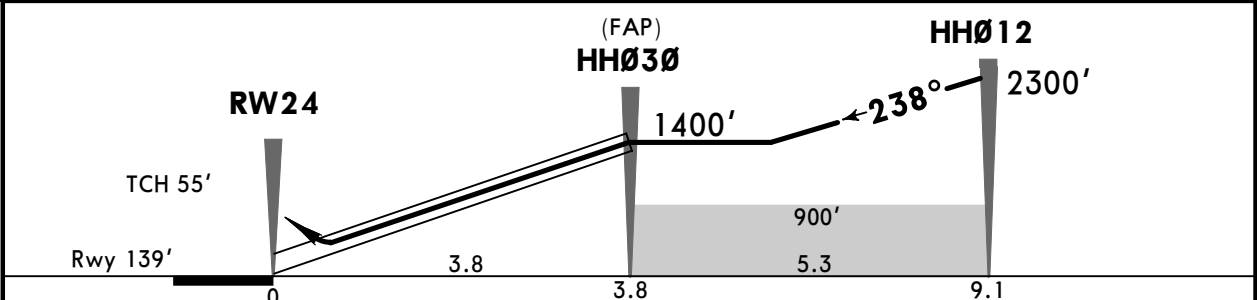
12-41

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
GLS Rwy 24

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
GBAS Ch 21162 G24A	Final Apch Crs 238°	Procedure Alt HH030 1400' (1261')	GLS DA(H) Refer to Minimums	Apt Elev 141' Rwy 139'	TAA 25 NM IAF
MISSED APCH: Climb on 238° to 1000' or above, then turn RIGHT to HH009 climbing to 2100' or above, then according to chart or proceed to holding.					
Alt Set: hPa		Rwy Elev: 5 hPa	Trans level: FL 40 ①		
GNSS and RNAV 1 required.					



DIST to RW24	1.1	2.2	3.2	3.8
ALTITUDE	540'	880'	1220'	1400'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIM 1000' on 238°	MIM 2100' RT	HH009
Glide Path Angle	3.00°	372	478	531	637	743				
MAP at DA										

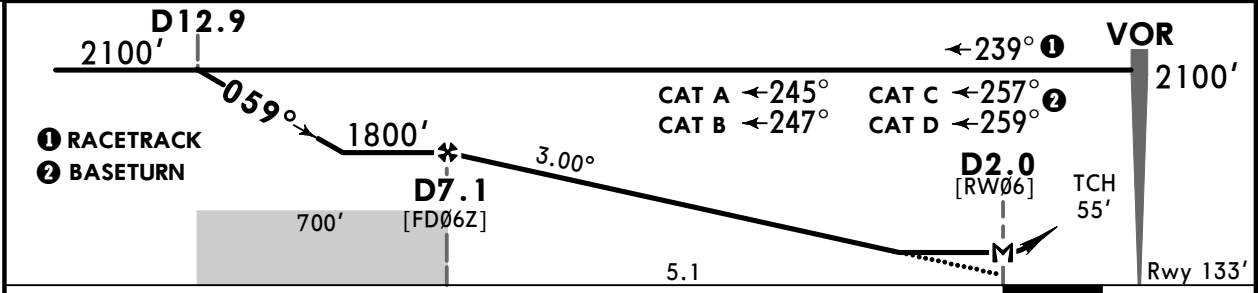
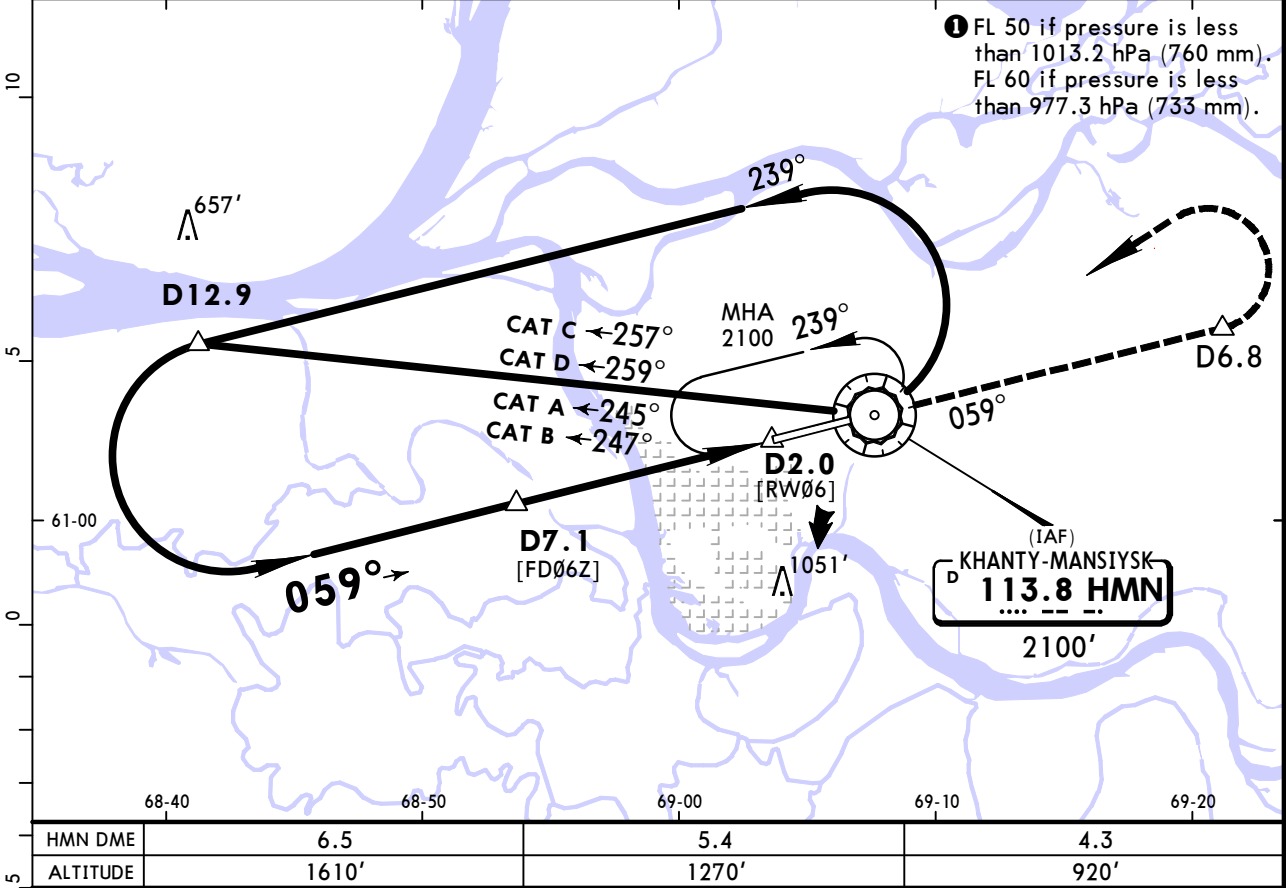
STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city	
C: 357' (218')					
DA(H) AB: 339' (200') D: 367' (228')					
FULL		ALS out		Max Kts.	MDA(H)
A	RVR 720m VIS 800m	1200m	100	620' (479')	1600m
B			135	930' (789')	2000m
C			180	1440' (1299')	4800m
D			205		

USHH/HMA
KHANTY-MANSIYSK

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
22 MAR 19 **13-1** Eff 28 Mar

VOR Z Rwy 06

ATIS		KHANTYM Radar (TWR)		KHANTYM Tower	
126.4		120.4		118.1	
VOR HMN 113.8	Final Apch Crs 059°	Procedure Alt D7.1 1800' (1667')	MDA(H) 570' (437')	Apt Elev 141' Rwy 133'	2100 MSA HMN VOR
MISSED APCH: Climb on 059° to D6.8, then turn LEFT to VOR climbing to 2100' or above, then according to the chart or join holding.					
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: FL 40 ①	
1. DME required. 2. Final apch track offset 1° from rwy centerline.					
Trans alt: 3000'					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	D6.8 on 059°
Descent Angle	3.00°	372	478	531	637	743		
MAP at D2.0								

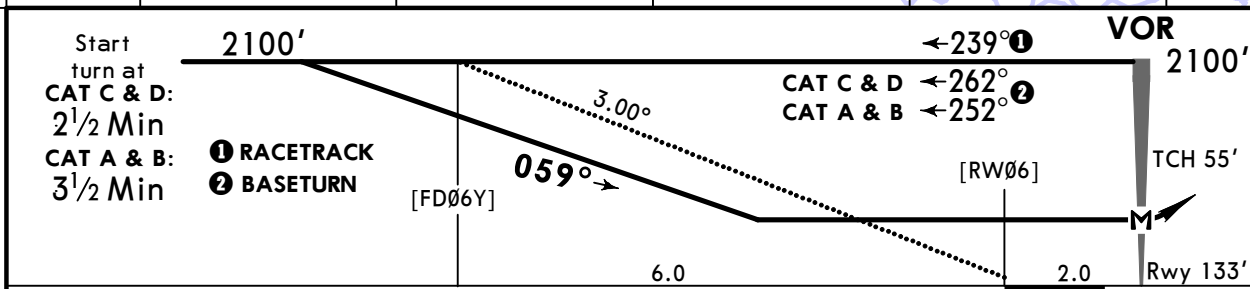
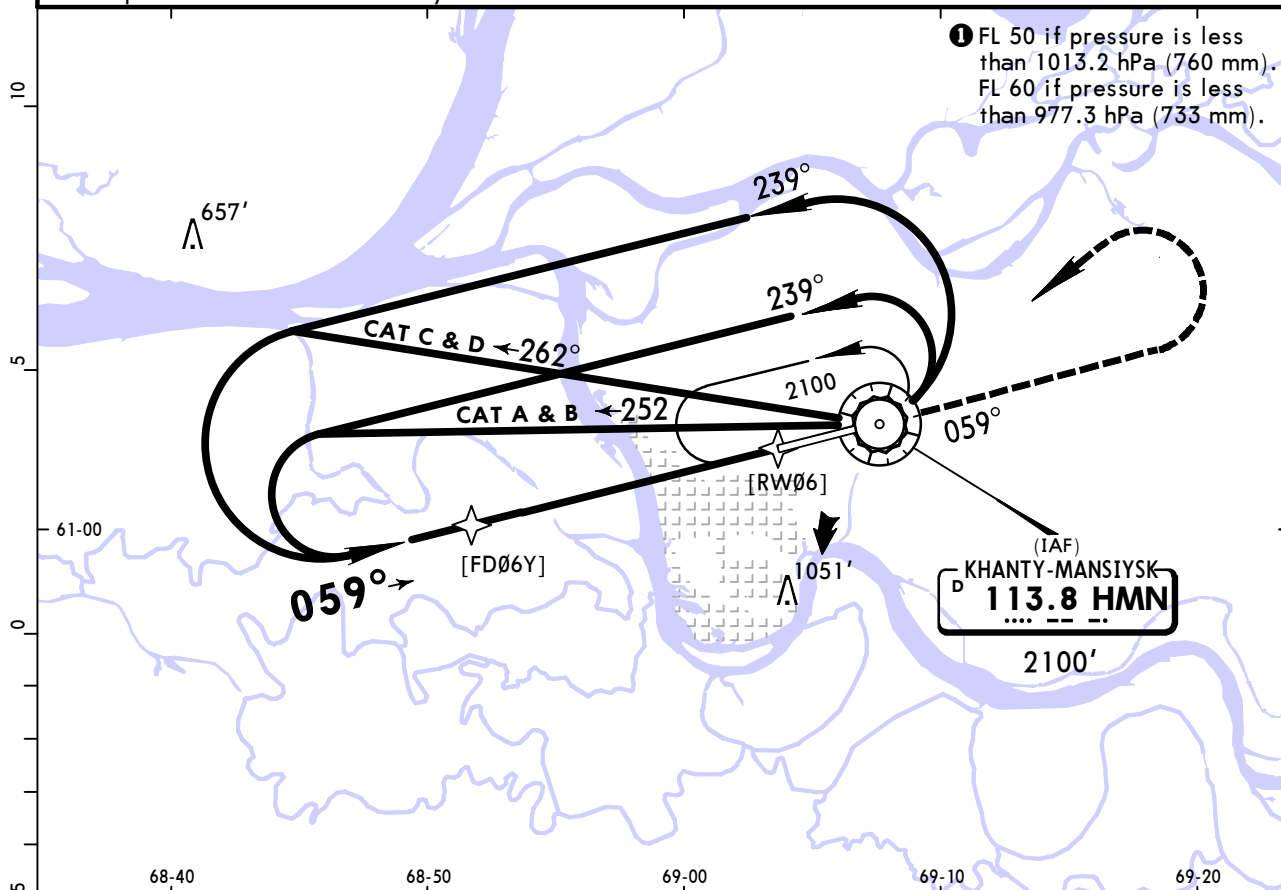
STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
MDA(H) 570' (437')							
				Max Kts	MDA(H)		
A	RVR 720m VIS 800m	ALS out RVR 1500m VIS 1600m		100	620' (479')	1600m	
B				135	930' (789')	2000m	
C	1200m	RVR 1800m VIS 2000m		180	1440' (1299') 4800m		
D	RVR 1500m VIS 1600m	2400m		205			

USHH/HMA
KHANTY-MANSIYSK

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
22 MAR 19 **13-2** Eff 28 Mar
VOR Y Rwy 06

TM
BRIEFING STRIP

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
VOR HMN 113.8	Final Apch Crs 059°	No FAF	MDA(H) 610' (477')	Apt Elev 141' Rwy 133'	2100 MSA HMN VOR
MISSED APCH: Climb on 059° to 1700' or above, then turn LEFT to VOR climbing to 2100 or above, then according to chart or join holding.					
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: FL 40 ①	
Final apch track offset 1° from rwy centerline.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS	MIM 1700'	on 059°	MIM 2100'	HMN 113.8
Descent Angle	3.00°	372	478	531	637	743	PAPI				
MAP at VOR											

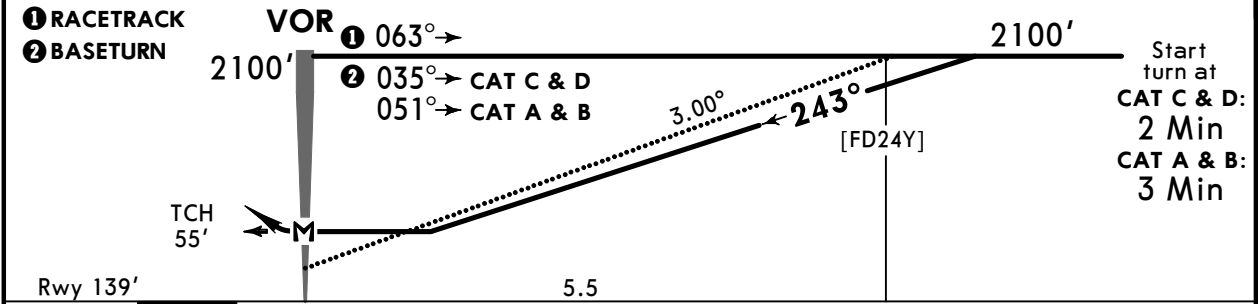
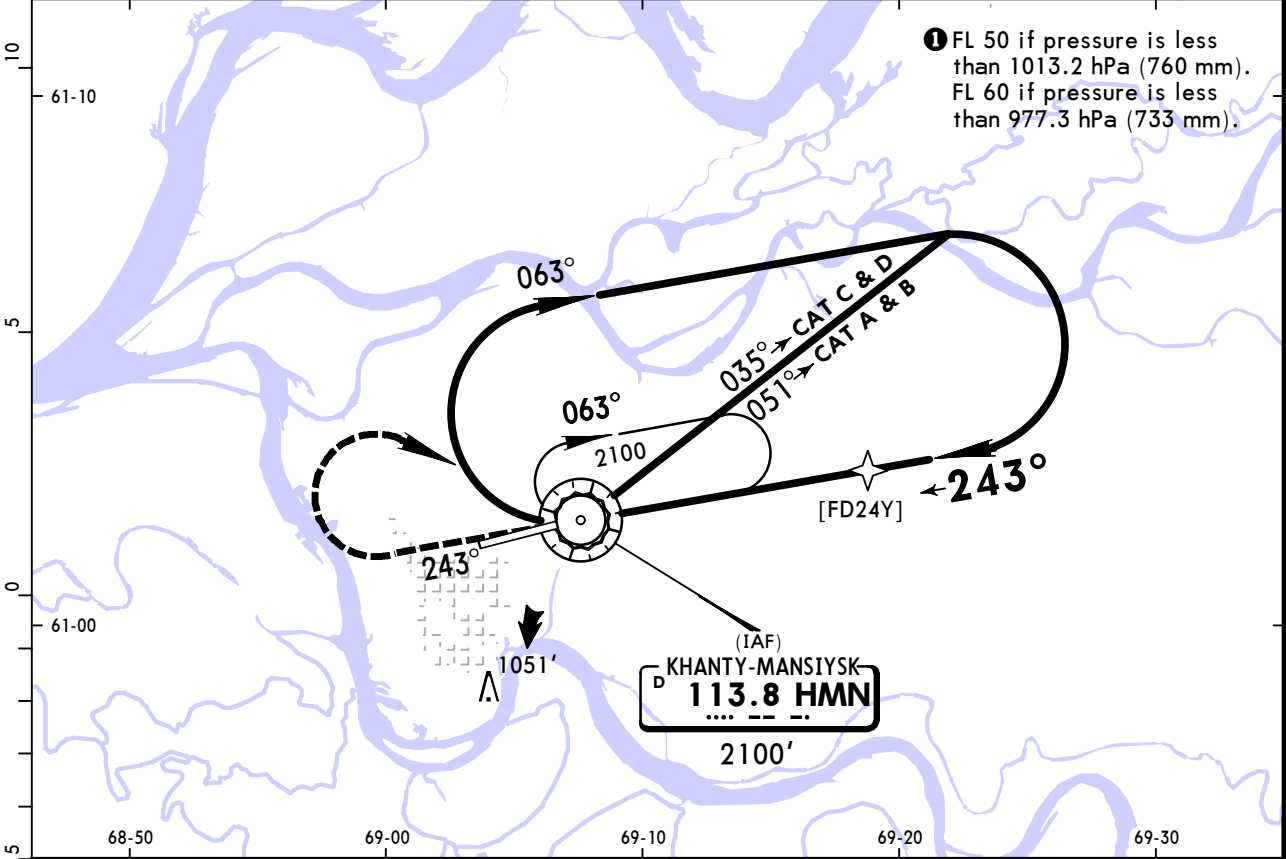
STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
MDA(H) 610' (477')							
ALS out				Max Kts	MDA(H)		
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m		100	620'	(479')	1600m
B				135	930'	(789')	2000m
C	1200m	RVR 1800m VIS 2000m		180	1440' (1299') 4800m		
D	RVR 1500m VIS 1600m	2400m		205			

USHH/HMA
KHANTY-MANSIYSK

JEPPesen KHANTY-MANSIYSK, RUSSIA
22 MAR 19 (13-4) Eff 28 Mar

VOR Y Rwy 24

ATIS		KHANTYM Radar (TWR)		KHANTYM Tower	
126.4		120.4		118.1	
VOR HMN 113.8	Final Apch Crs 243°	No FAF	MDA(H) 680' (541')	Apt Elev 141' Rwy 139'	2100 MSA HMN VOR
MISSED APCH: Climb on 243° to 1400' or above, then turn RIGHT to VOR climbing to 2100' or above, then according to the chart or join holding.					
Alt Set: hPa Rwy Elev: 5 hPa Trans level: FL 40 ① Trans alt: 3000'					
1. DME required. 2. Final apch track offset 5° from rwy centerline.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS	MIM 1400' on 243°	MIM 2100' RT	HMN 113.8
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		
MAP at VOR										

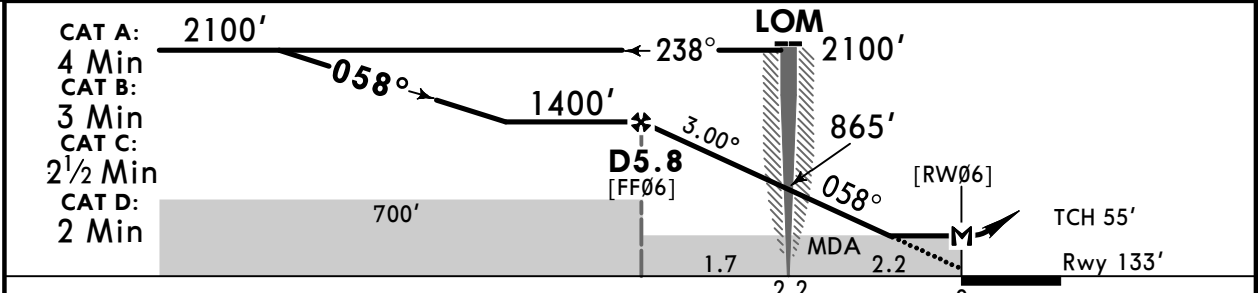
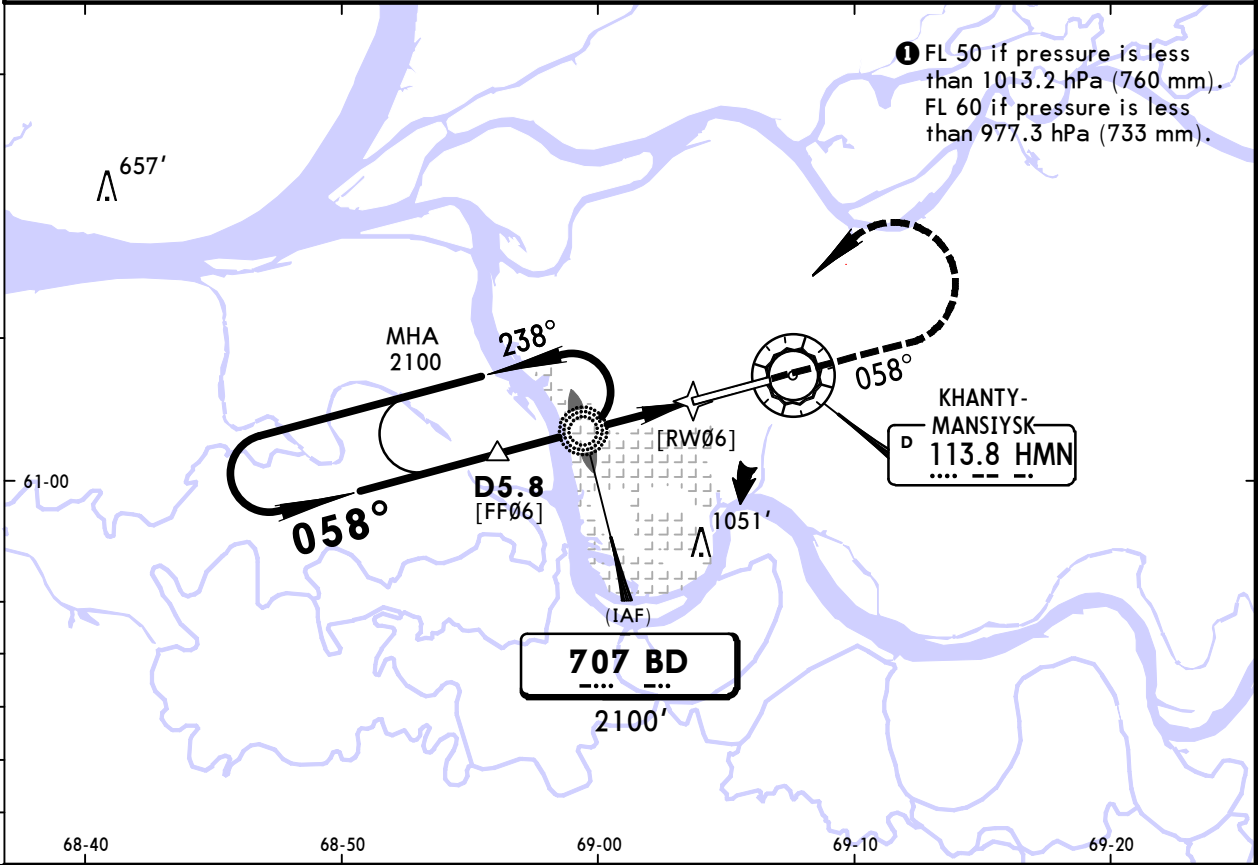
STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city	
MDA(H) 680' (541')			Max Kts	MDA(H)	
ALS out					
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m	100	680' (539')	1600m
B			135	930' (789')	2000m
C	RVR 1500m VIS 1600m	2400m	180	1440' (1299')	4800m
D	RVR 1800m VIS 2000m	2800m	205		

USHH/HMA
KHANTY-MANSIYSK

JEPPesen 22 MAR 19 16-1 Eff 28 Mar

RUSSIA
NDB Z Rwy 06

ATIS		KHANTYM Radar (TWR)		KHANTYM Tower	
126.4		120.4		118.1	
NDB BD 707	Final Apch Crs 058°	Procedure Alt D5.8 1400'(1267')	MDA(H) 570'(437')	Apt Elev 141' Rwy 133'	2100 MSA BD NDB
MISSED APCH: Climb on 058° to 1400', then turn LEFT to NDB climbing to 2100', then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: FL 40 ①	
DME required.					
Trans alt: 3000'					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1400'	on 058°	2100'	BD 707
Descent Angle	3.00°	372	478	531	637	743		↑		← LT	
FAF to MAP	3.9	3:21	2:36	2:20	1:57	1:40					

STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
MDA(H) 570'(437')							
A B C D	1200m		ALS out		Max Kts	MDA(H)	
			RVR 1500m VIS 1600m		100	620'(479')	1600m
	RVR 1800m VIS 2000m		RVR 1800m VIS 2000m		135	930'(789')	2000m
			2400m		180	1440'(1299')	4800m
					205		

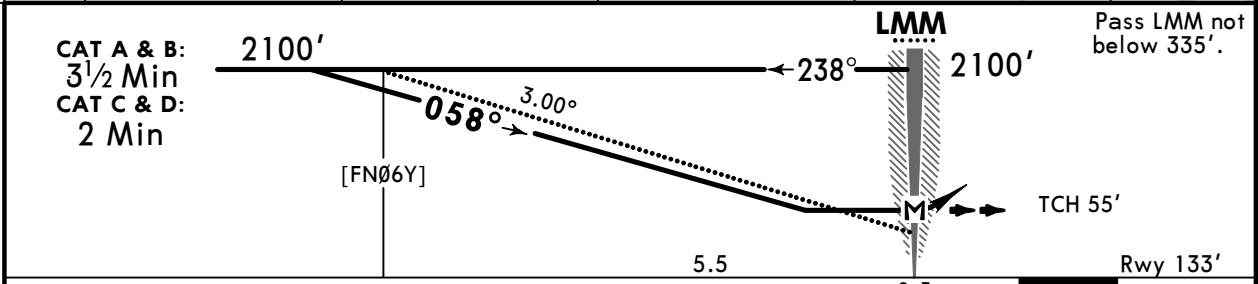
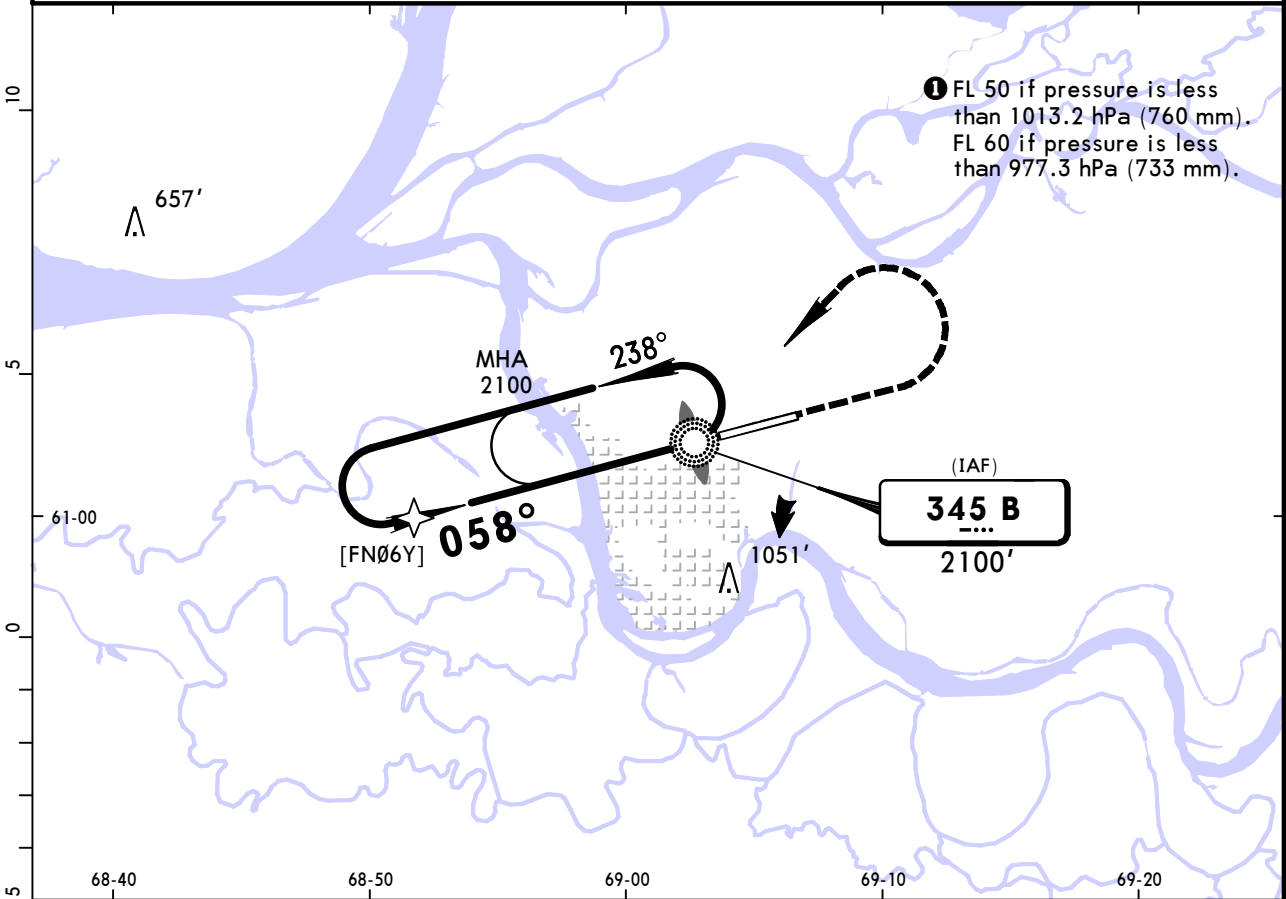
USHH/HMA
KHANTY-MANSIYSK

JEPPESSEN
22 MAR 19 **16-2** Eff 28 Mar

KHANTY-MANSIYSK, RUSSIA
NDB Y Rwy 06

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
Lctr B 345	Final Apch Crs 058°	No FAF	MDA(H) 610' (477')	Apt Elev 141' Rwy 133'	2100 MSA B Lctr
MISSED APCH: Climb on 058° to 1400', then turn LEFT to Lctr climbing to 2100', then according to chart.					

Alt Set: hPa Rwy Elev: 5 hPa Trans level: FL 40 ① Trans alt: 3000'



							0.5 0				
Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1400' ↑	on 058°	2100' ← LT	B 345
Descent Angle 3.00°	372	478	531	637	743	849					
MAP at LMM											

STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city	
MDA(H) 610' (477')					
PANS OPS			ALS out	Max Kts	MDA(H)
			RVR 1500m VIS 1600m	100	620' (479') 1600m
	1200m		RVR 1800m VIS 2000m	135	930' (789') 2000m
	RVR 1800m VIS 2000m		2400m	180	1440' (1299') 4800m

USHH/HMA
KHANTY-MANSIYSK

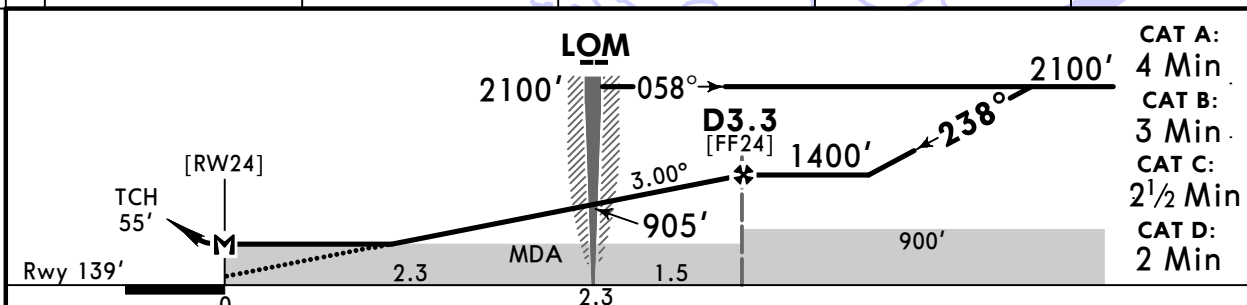
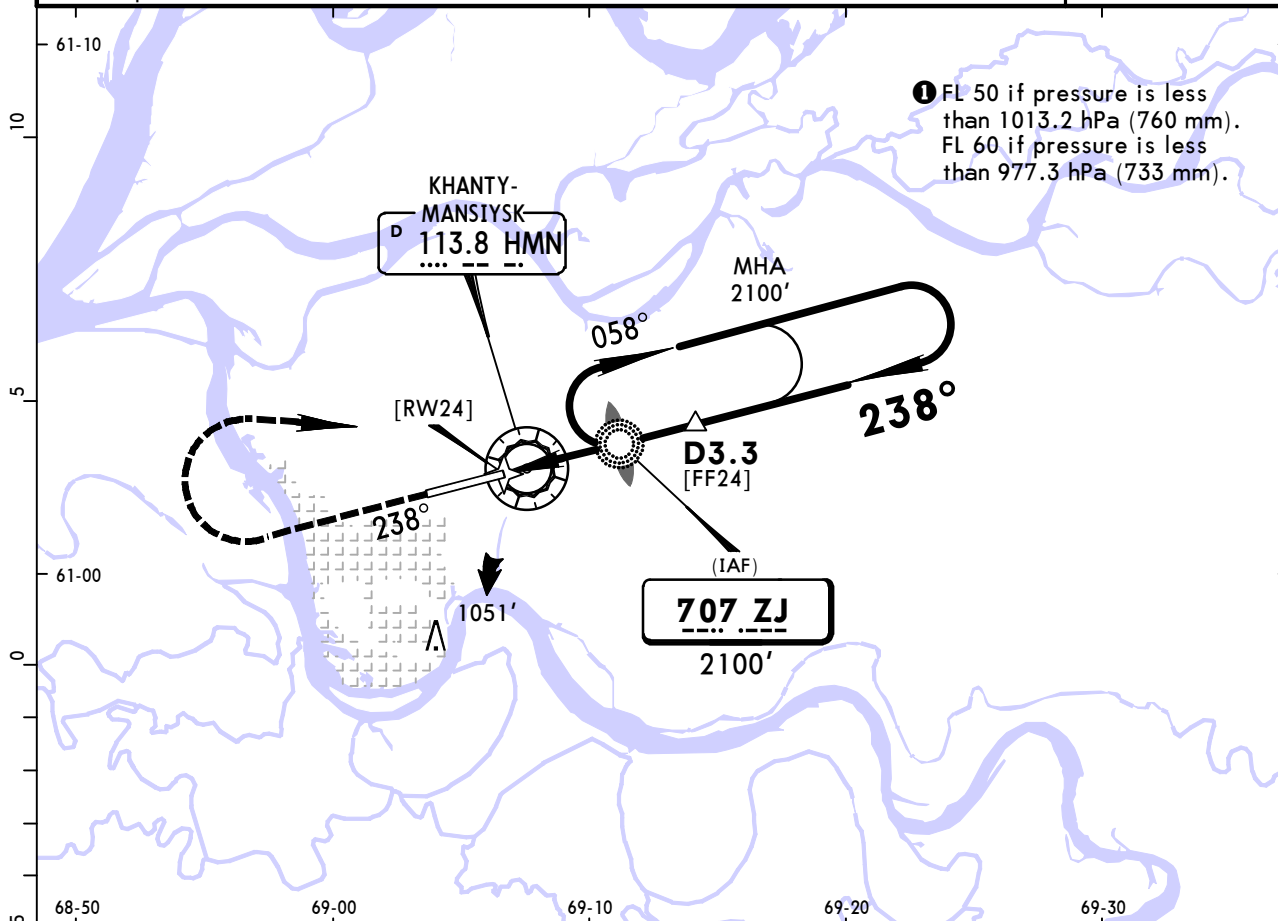
JEPPESSEN **16-3** **Eff 28 Mar**

KHANTY-MANSIYSK, RUSSIA
NDB Z Rwy 24

BRIEFING STRIP

TM

ATIS		KHANTYM Radar (TWR)		KHANTYM Tower	
126.4		120.4		118.1	
NDB ZJ 707	Final Apch Crs 238°	Procedure Alt D3.3 1400' (1261')	MDA(H) 540' (401')	Apt Elev 141' Rwy 139'	2100 MSA ZJ NDB
MISSED APCH: Climb on 238° to 1400', then turn RIGHT to NDB climbing to 2100', then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa	Trans level: FL 40 1	Trans alt: 3000'	
DME required.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1400' ↑ on 238°	2100' RT	ZJ 707
Descent Angle	3.00°	372	478	531	637	743				

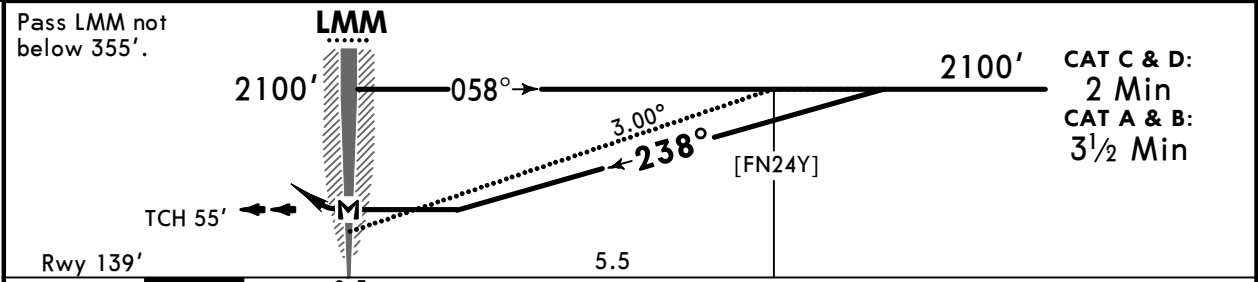
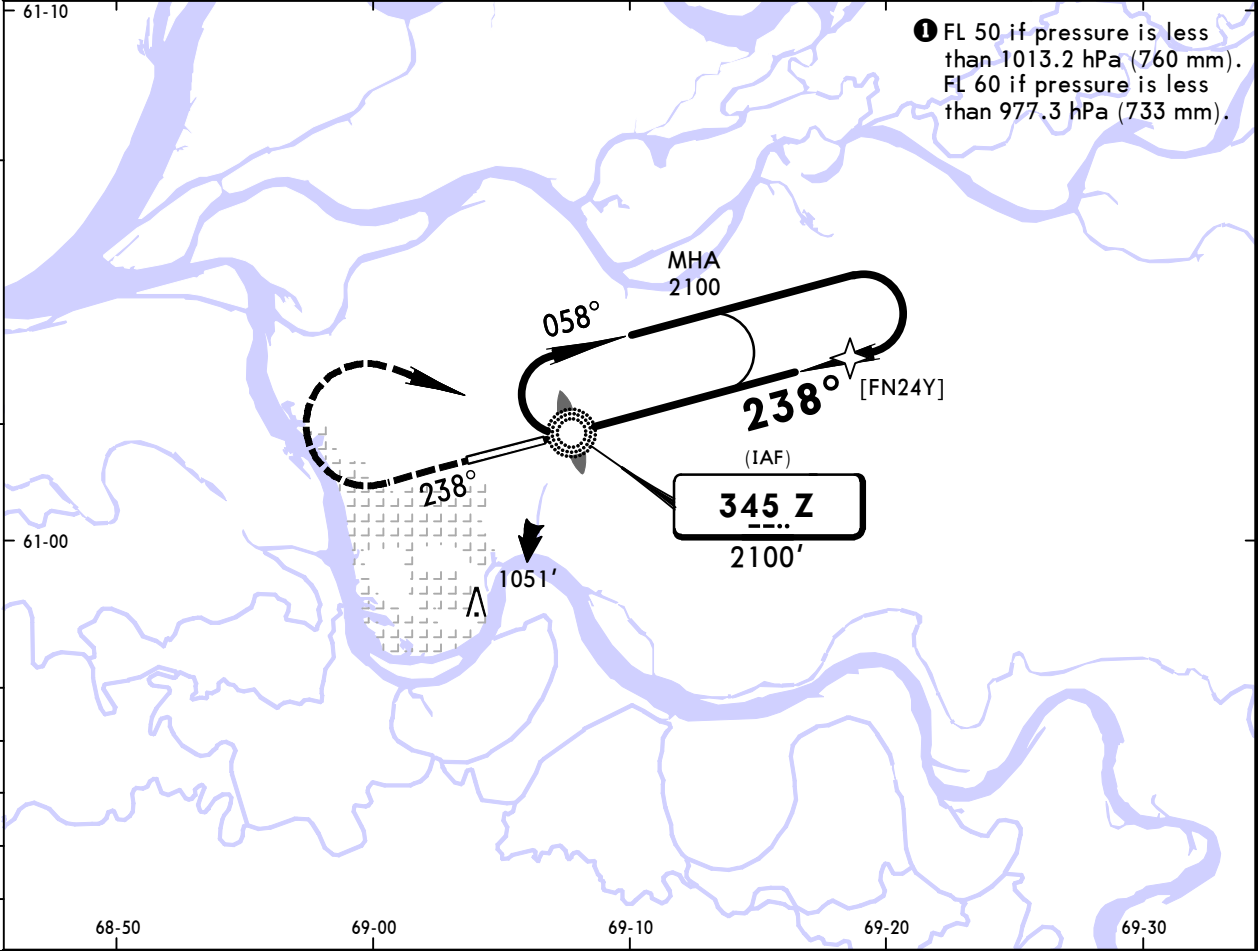
STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
MDA(H) 540' (401')							
PANS OPS			ALS out		Max Kts	MDA(H)	
			RVR 1500m VIS 1600m		100	620' (479')	1600m
	1200m				135	930' (789')	2000m
	RVR 1500m VIS 1600m		RVR 1800m VIS 2000m		180	1440' (1299') 4800m	
					205		

USHH/HMA
KHANTY-MANSIYSK

22 MAR 19 16-4 Eff 28 Mar

JEPPESSEN KHANTY-MANSIYSK, RUSSIA
NDB Y Rwy 24

ATIS 126.4		KHANTYM Radar (TWR) 120.4		KHANTYM Tower 118.1	
Lctr Z 345	Final Apch Crs 238°	No FAF	MDA(H) 680' (541')	Apt Elev 141' Rwy 139'	2100
MISSED APCH: Climb on 238° to 1400', then turn RIGHT to Lctr climbing to 2100', then according to chart.					
Alt Set: hPa		Rwy Elev: 5 hPa	Trans level: FL 40 ①	Trans alt: 3000'	



00.5							HIALS PAPI </
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STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND PROHIBITED over housing areas NORTH of RWY & over city			
MDA(H) 680' (541')							
		ALS out		Max Kts	MDA(H)		
A	1200m	RVR 1500m		100	680' (539')		
B		VIS 1600m		135	930' (789')		
C	RVR 1500m VIS 1600m	2400m		180	1440' (1299')		
D	2400m	2800m		205			

KHANTY-MANSIYSK, (KHANTY-MANSIYSK - USHH)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USHH