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Airport Information For UIBB

Terminal Charts For UIBB

Revision Letter For Cycle 09-2019

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Notebook

General Information

Location: BRATSK RUS
ICAO/IATA: UIBB / BTK
Lat/Long: N56° 22.2', E101° 41.9'
Elevation: 1611 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -8:00 = UTC
Magnetic Variation: 2.0° W

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

Sunrise: 2109 Z
Sunset: 1310 Z

Runway Information

Runway: 12
Length x Width: 10367 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 1606 ft
Lighting: Edge, ALS
Stopway: 246 ft

Runway: 30
Length x Width: 10367 ft x 197 ft
Surface Type: concrete
TDZ-Elev: 1602 ft
Lighting: Edge, ALS
Stopway: 246 ft

Communication Information

ATIS: 127.200
Bratsk Tower: 121.800
Bratsk Tower: 124.000 Secondary
Bratsk Approach: 124.000 Secondary
Bratsk Approach: 118.100
Bratsk Transit Operations: 131.800

UIBB/BTK
BRATSK

JEPPesen

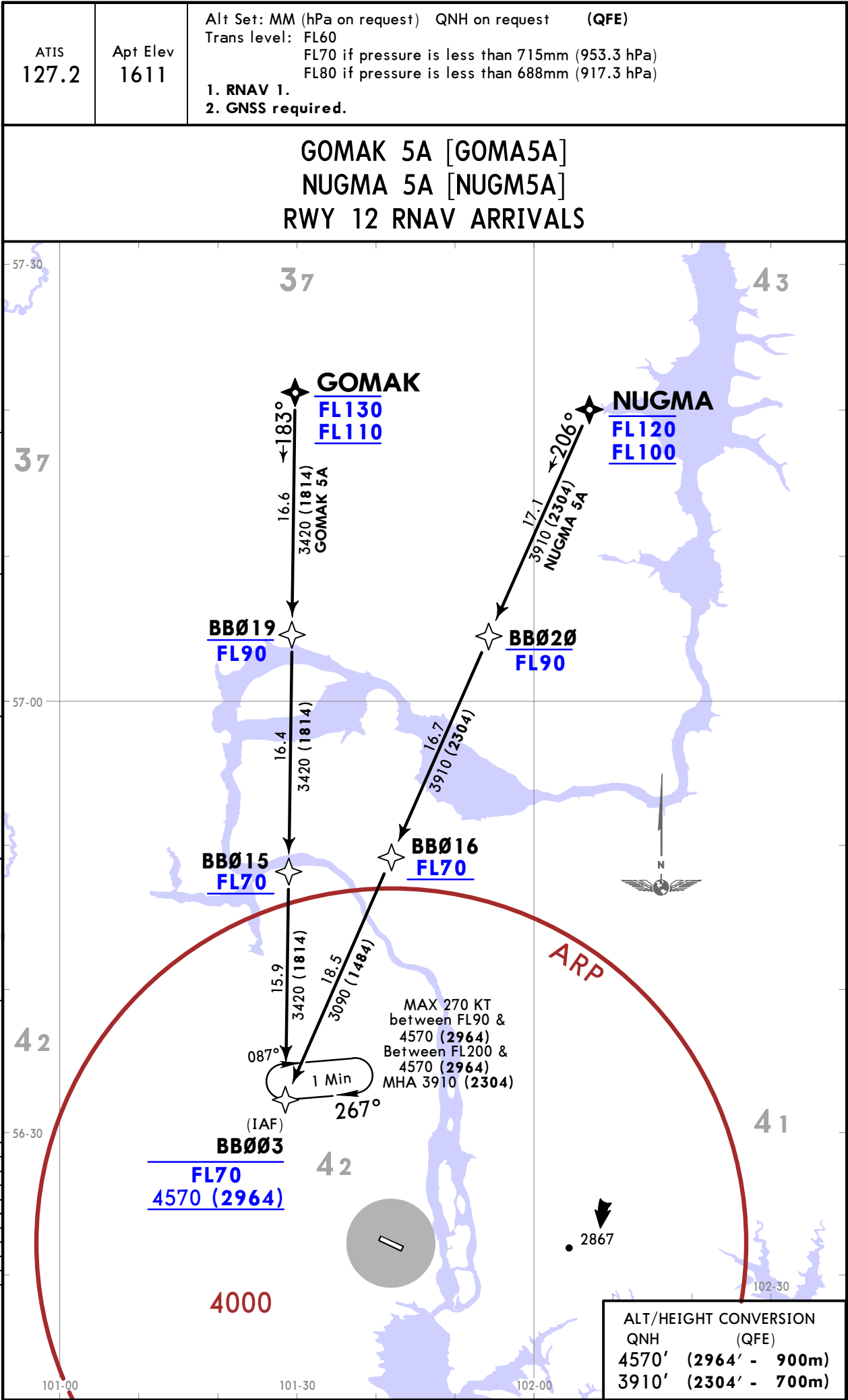
BRATSK, RUSSIA

22 FEB 19

10-2

Eff 28 Feb

RNAV STAR



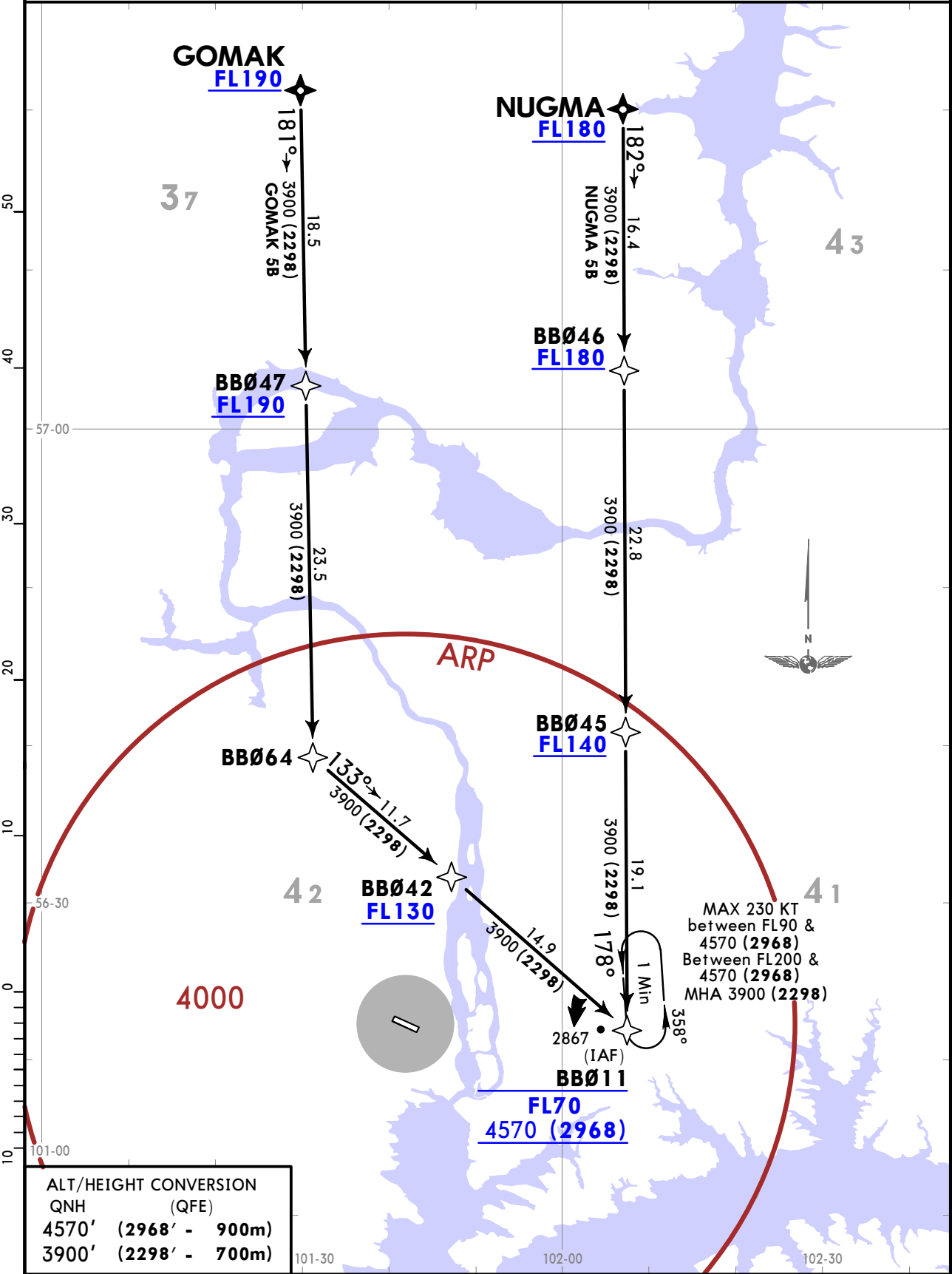
UIBB/BTK
BRATSK

JEPPESEN
22 FEB 19 (10-2A) Eff 28 Feb

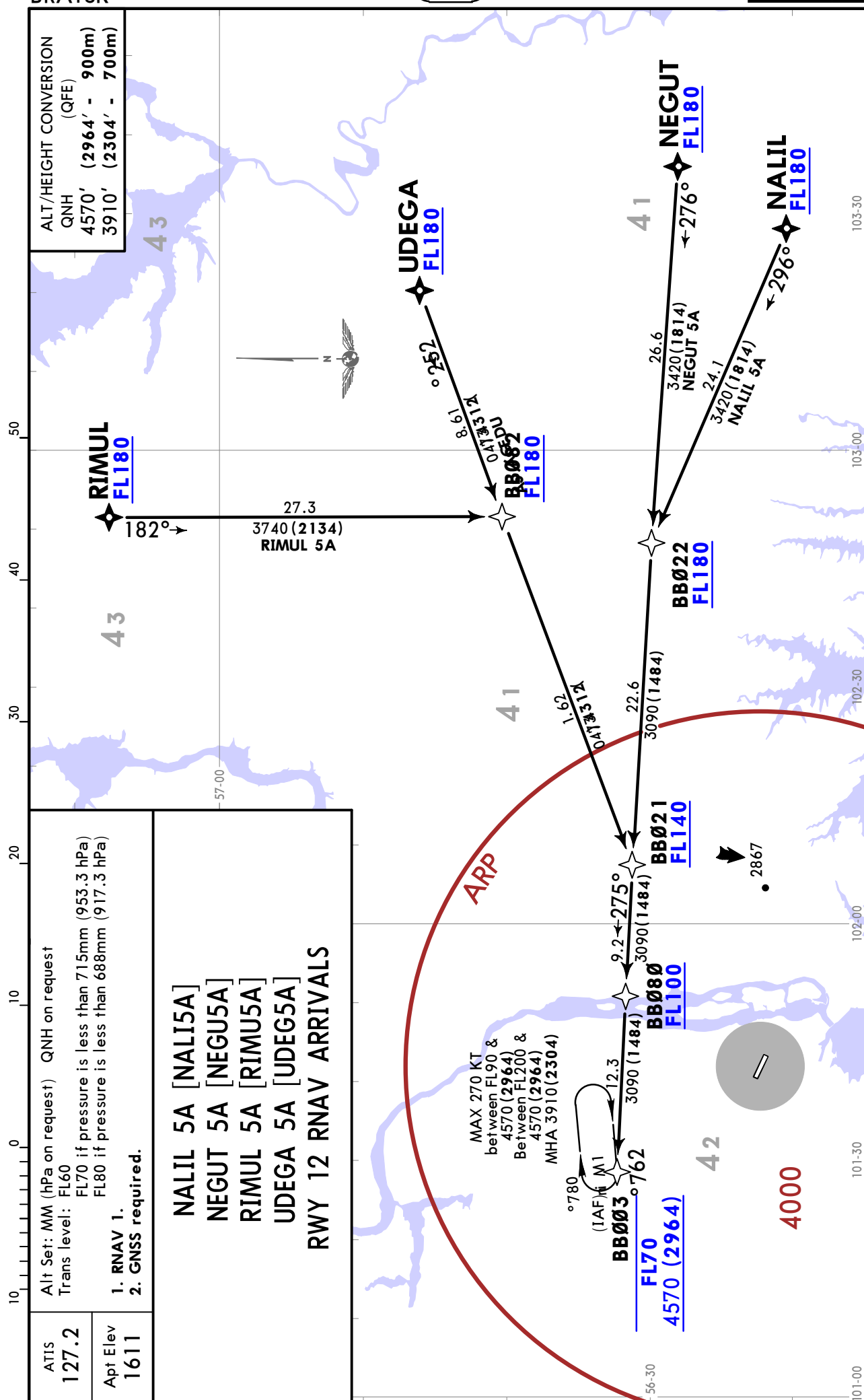
BRATSK, RUSSIA
RNAV STAR

ATIS 127.2	Apt Elev 1611	Alt Set: MM (hPa on request) QNH on request Trans level: FL60 FL70 if pressure is less than 715mm (953.3 hPa) FL80 if pressure is less than 688mm (917.3 hPa) 1. RNAV 1. 2. GNSS required.
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GOMAK 5B [GOMA5B]
NUGMA 5B [NUGM5B]
RWY 30 RNAV ARRIVALS

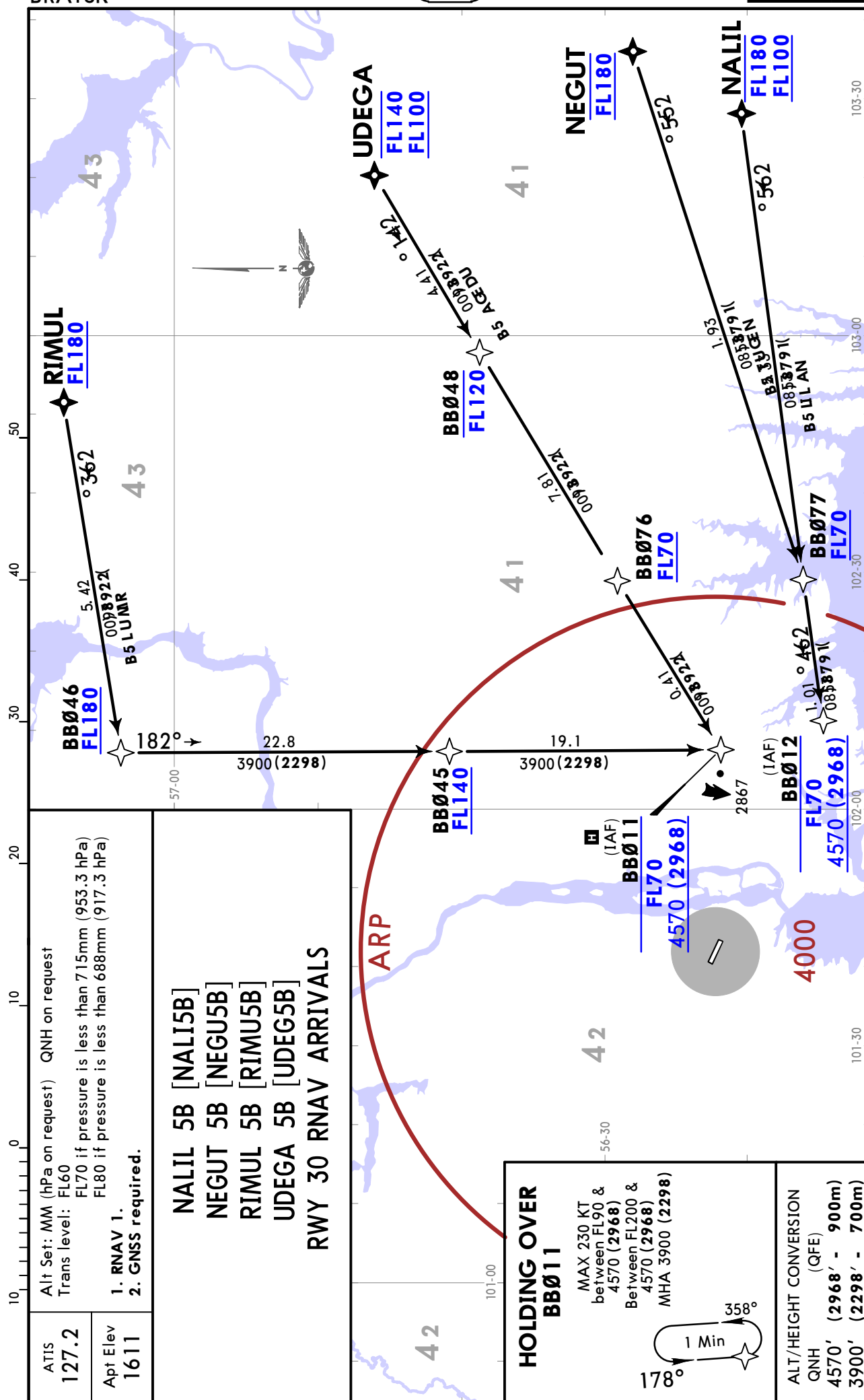


BRATSK, RUSSIA
RNAV STAR



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BRATSK, RUSSIA
RNAV STAR



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BRATSK

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22 FEB 19 **10-2D** **Eff 28 Feb**

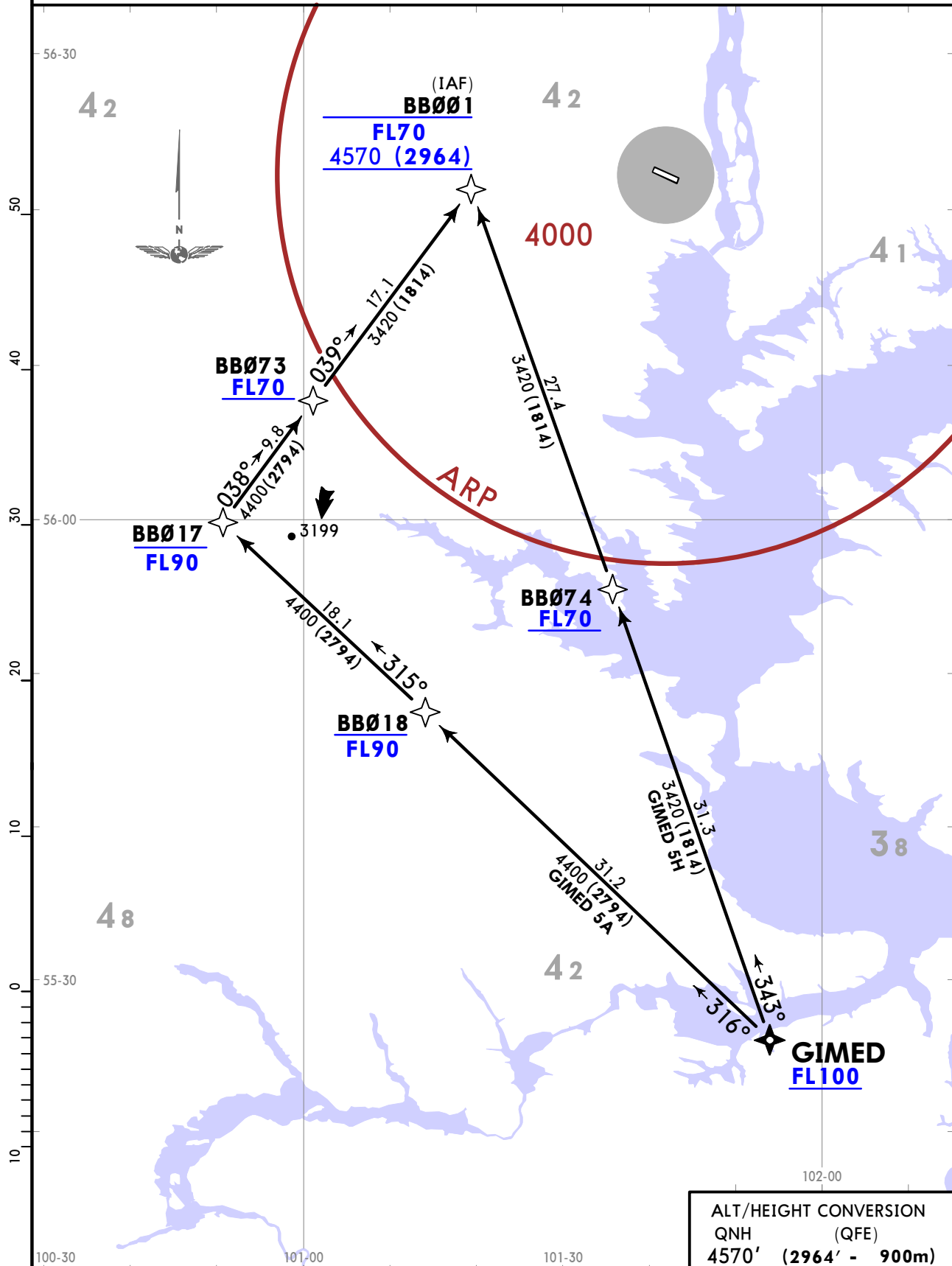
BRATSK, RUSSIA
RNAV STAR

ATIS
127.2

Apt Elev
1611

Alt Set: MM (hPa on request) QNH on request
Trans level: FL60
FL70 if pressure is less than 715mm (953.3 hPa)
FL80 if pressure is less than 688mm (917.3 hPa)
1. RNAV 1.
2. GNSS required.

GIMED 5A [GIME5A]
GIMED 5H [GIME5H]
RWY 12 RNAV ARRIVALS



CHANGES: STAR transferred; RNAV STARs established; new format.

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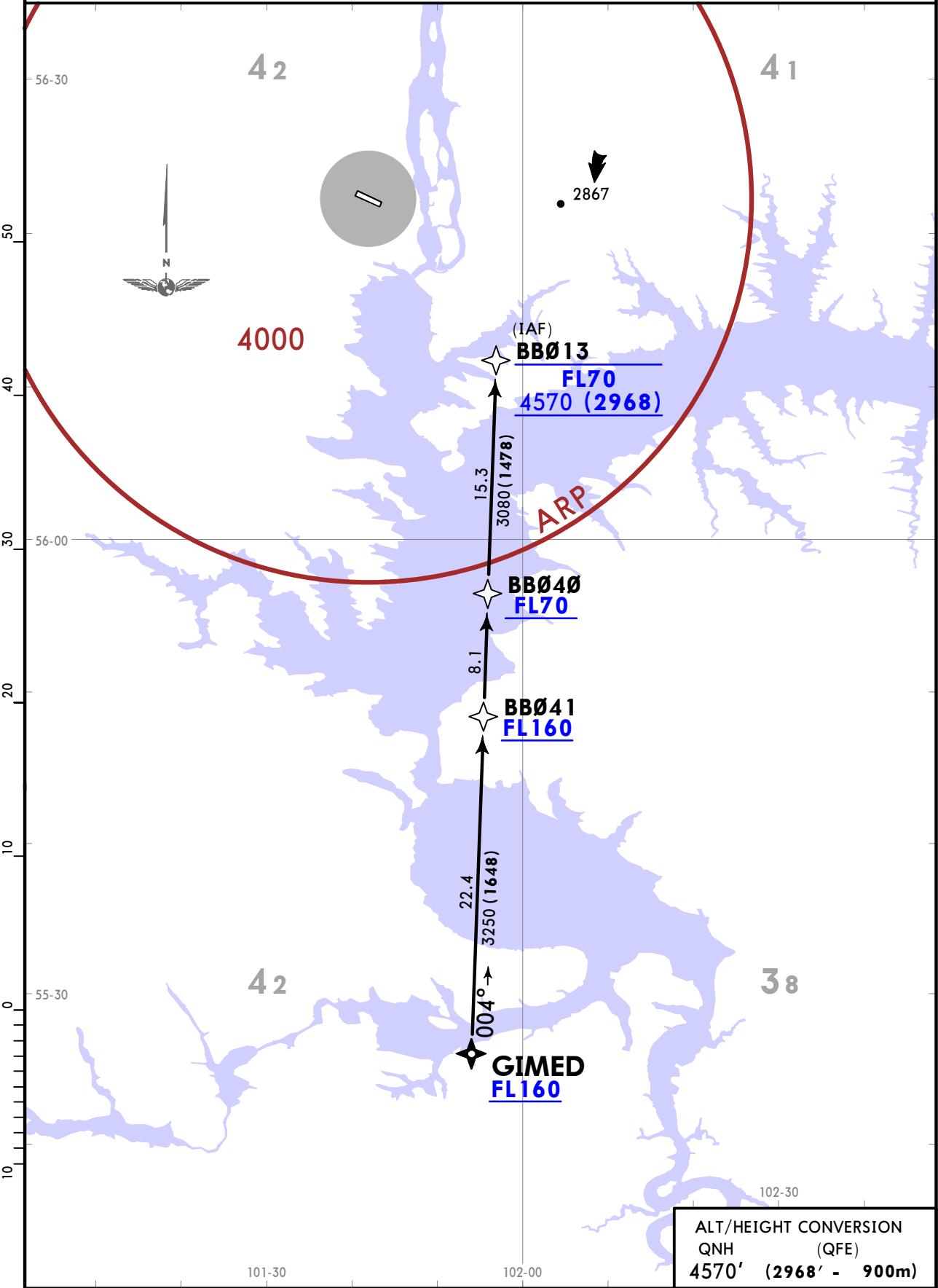
UIBB/BTK
BRATSK

JEPPESEN
22 FEB 19 10-2E Eff 28 Feb

BRATSK, RUSSIA
RNAV STAR

ATIS 127.2	Apt Elev 1611	Alt Set: MM (hPa on request) QNH on request Trans level: FL60 FL70 if pressure is less than 715mm (953.3 hPa) FL80 if pressure is less than 688mm (917.3 hPa) 1. RNAV 1. 2. GNSS required.
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GIMED 5B [GIME5B]
RWY 30 RNAV ARRIVAL



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JEPPESSEN

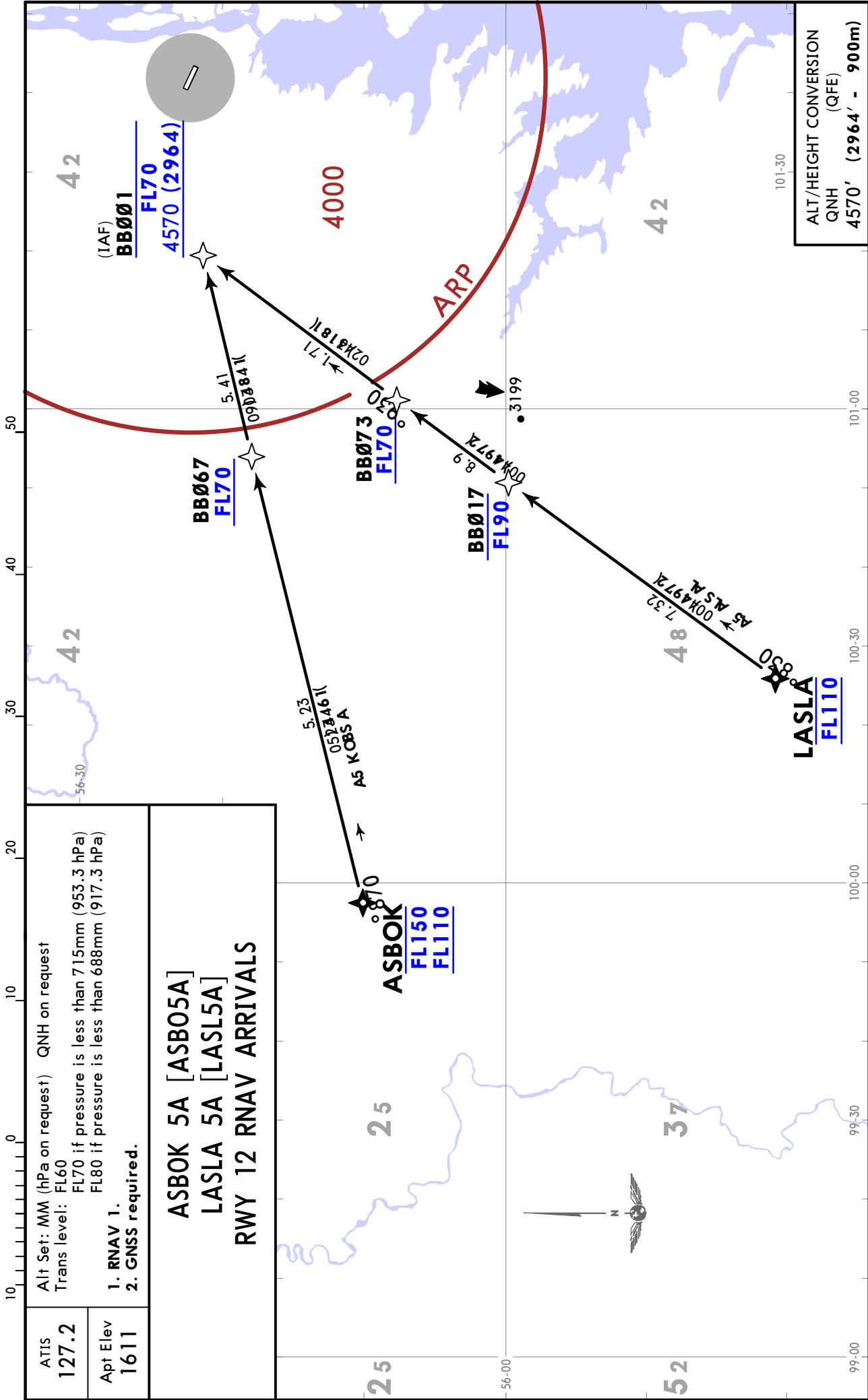
BRATSK, RUSSIA

22 FEB 19

10-2F

Eff 28 Feb

RNAV STAR



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BRATSK

JEPPESSEN

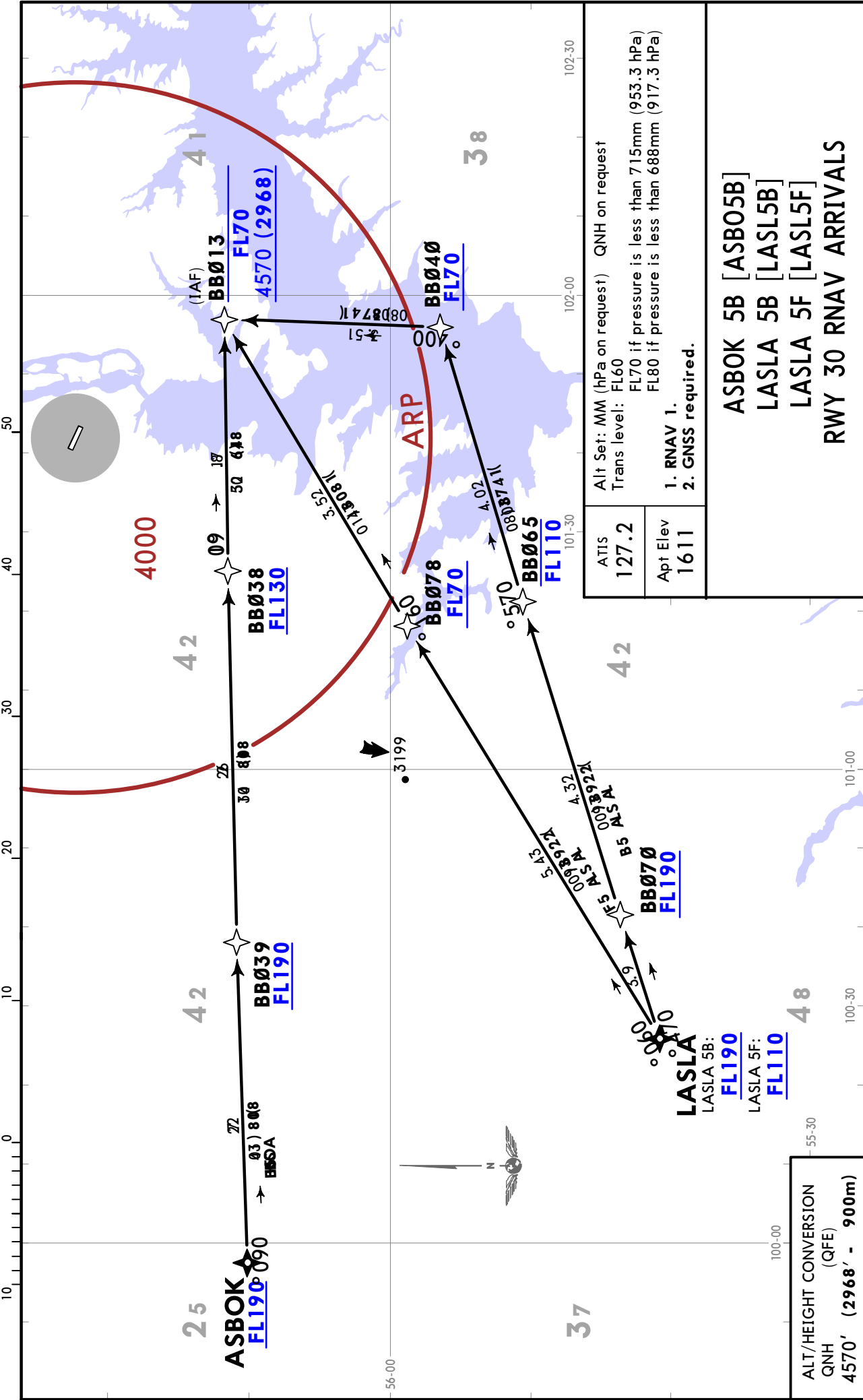
BRATSK, RUSSIA

22 FEB 19

10-2G

Eff 28 Feb

RNAV STAR



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BRATSK



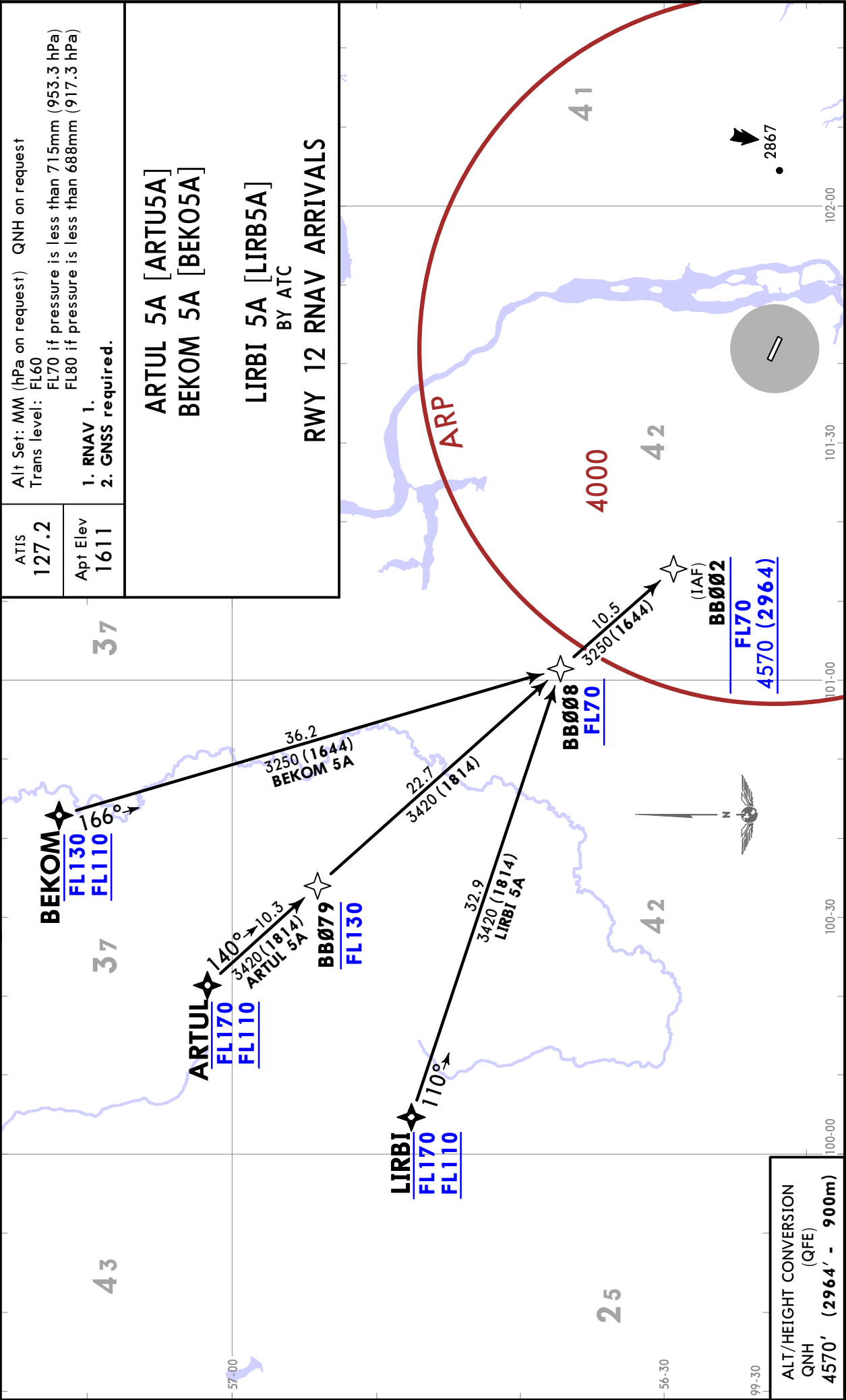
22 FEB 19

10-2H

Eff 28 Feb

BRATSK, RUSSIA

RNAV STAR



UIBB/BTK
BRATSK

JEPPESSEN

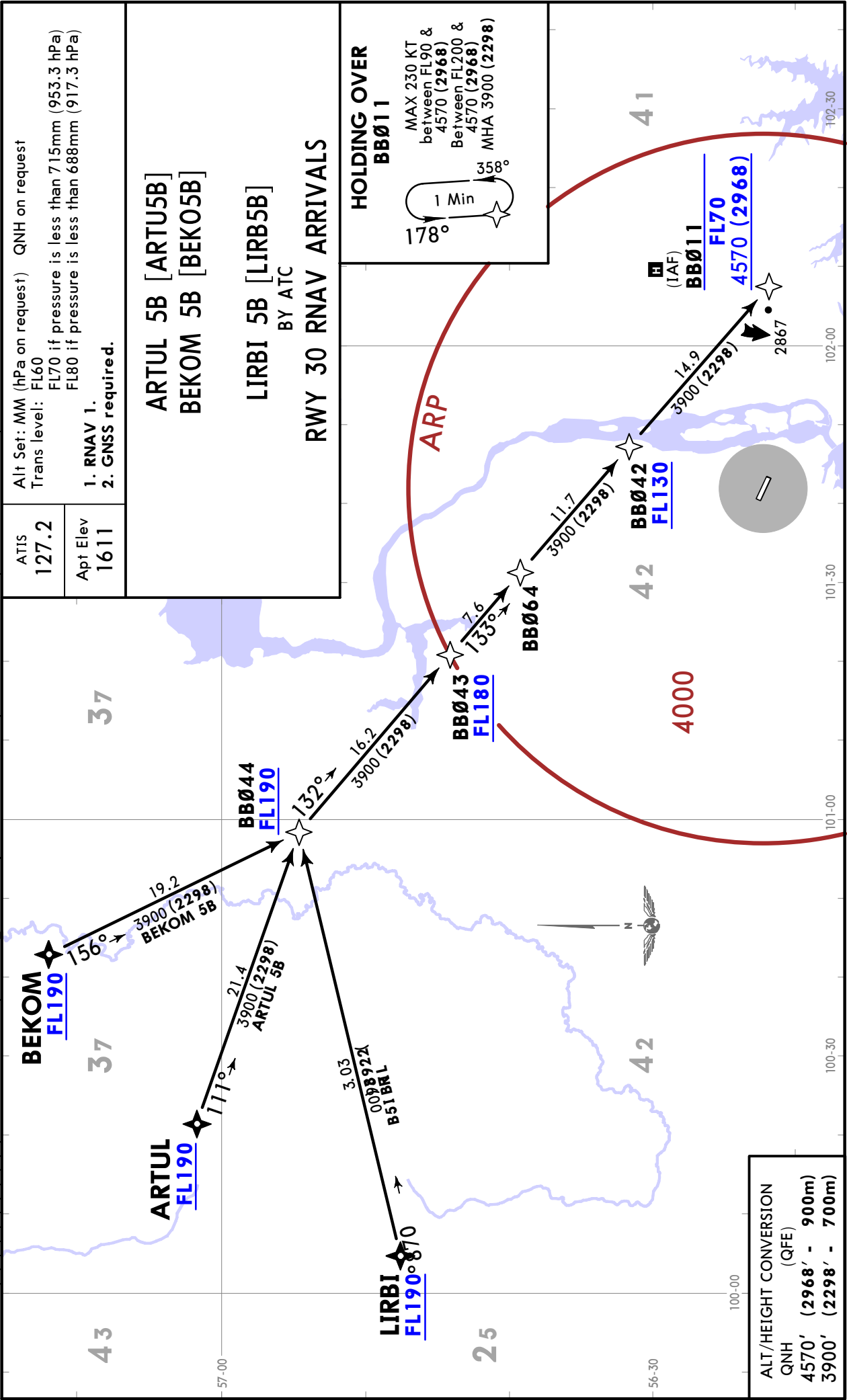
BRATSK, RUSSIA

22 FEB 19

10-2J

Eff 28 Feb

RNAV STAR



UIBB/BTK
BRATSK

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22 FEB 19 10-2K Eff 28 Feb

BRATSK, RUSSIA

STAR

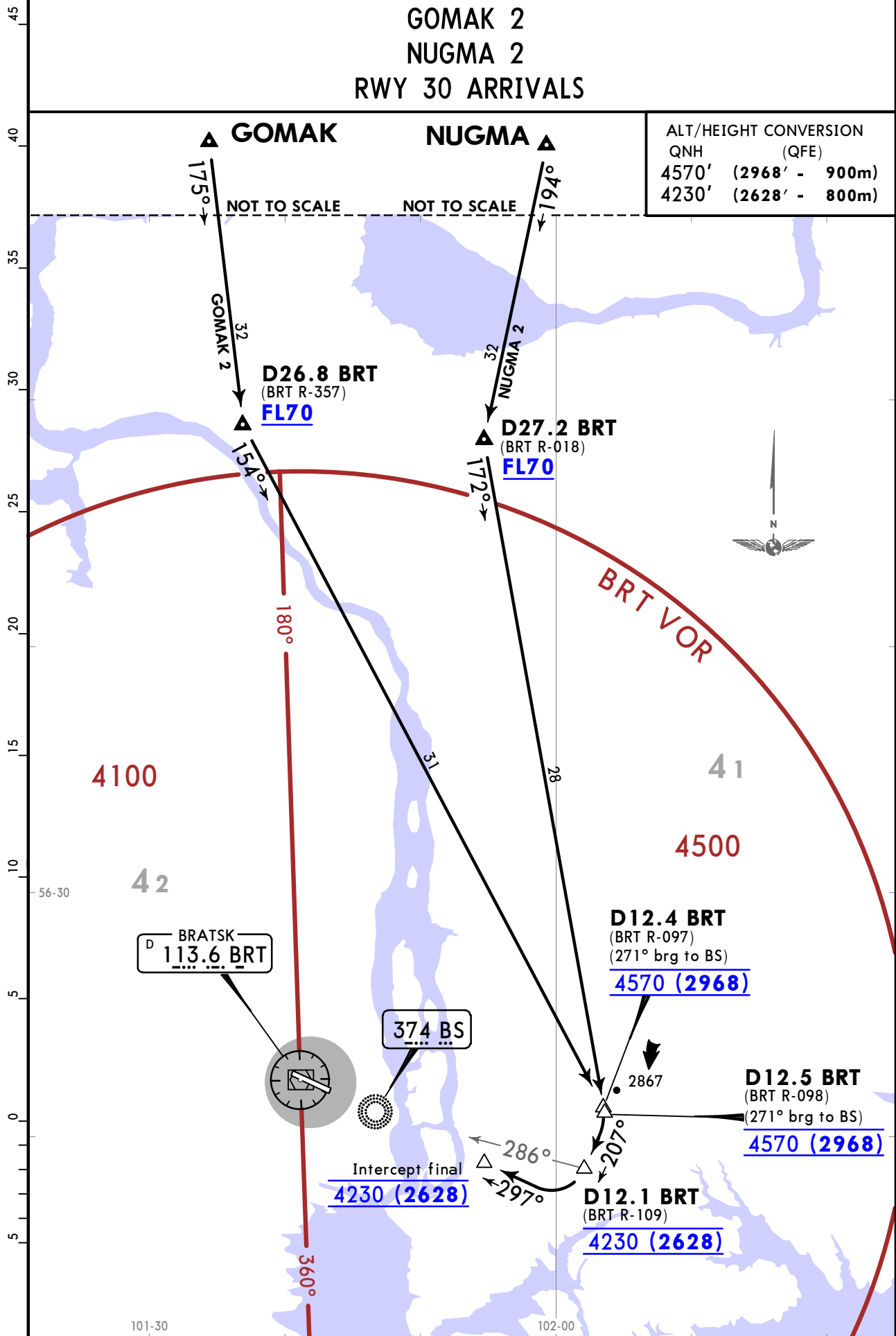
ATIS
127.2

Apt Elev
1611

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL60
FL70 if pressure is less than 715mm (953.3 hPa)
FL80 if pressure is less than 688mm (917.3 hPa)

GOMAK 2
NUGMA 2
RWY 30 ARRIVALS

ALT/HEIGHT CONVERSION	
QNH	(QFE)
4570'	(2968' - 900m)
4230'	(2628' - 800m)



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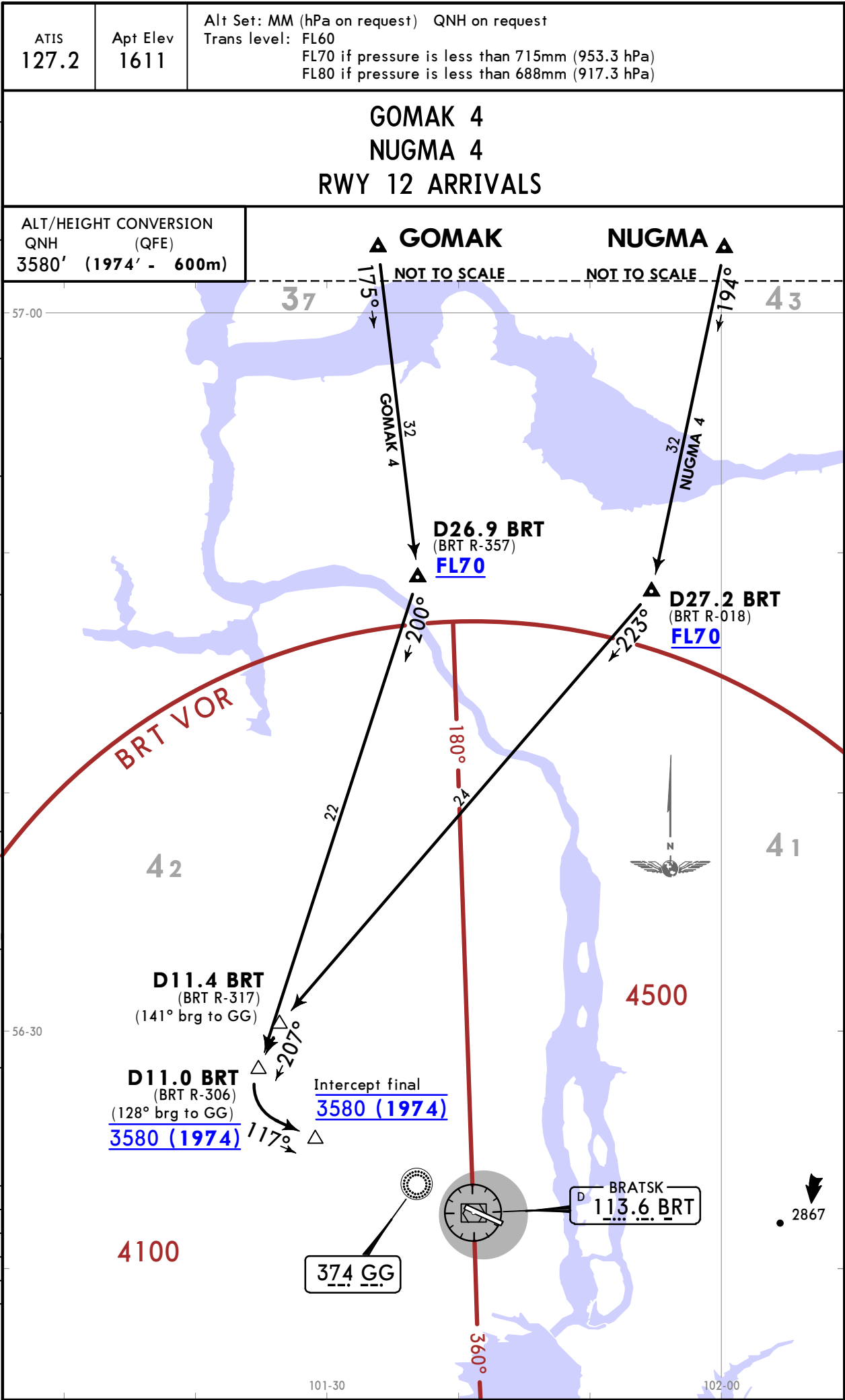
BRATSK, RUSSIA

22 FEB 19

10-2L

Eff 28 Feb

STAR







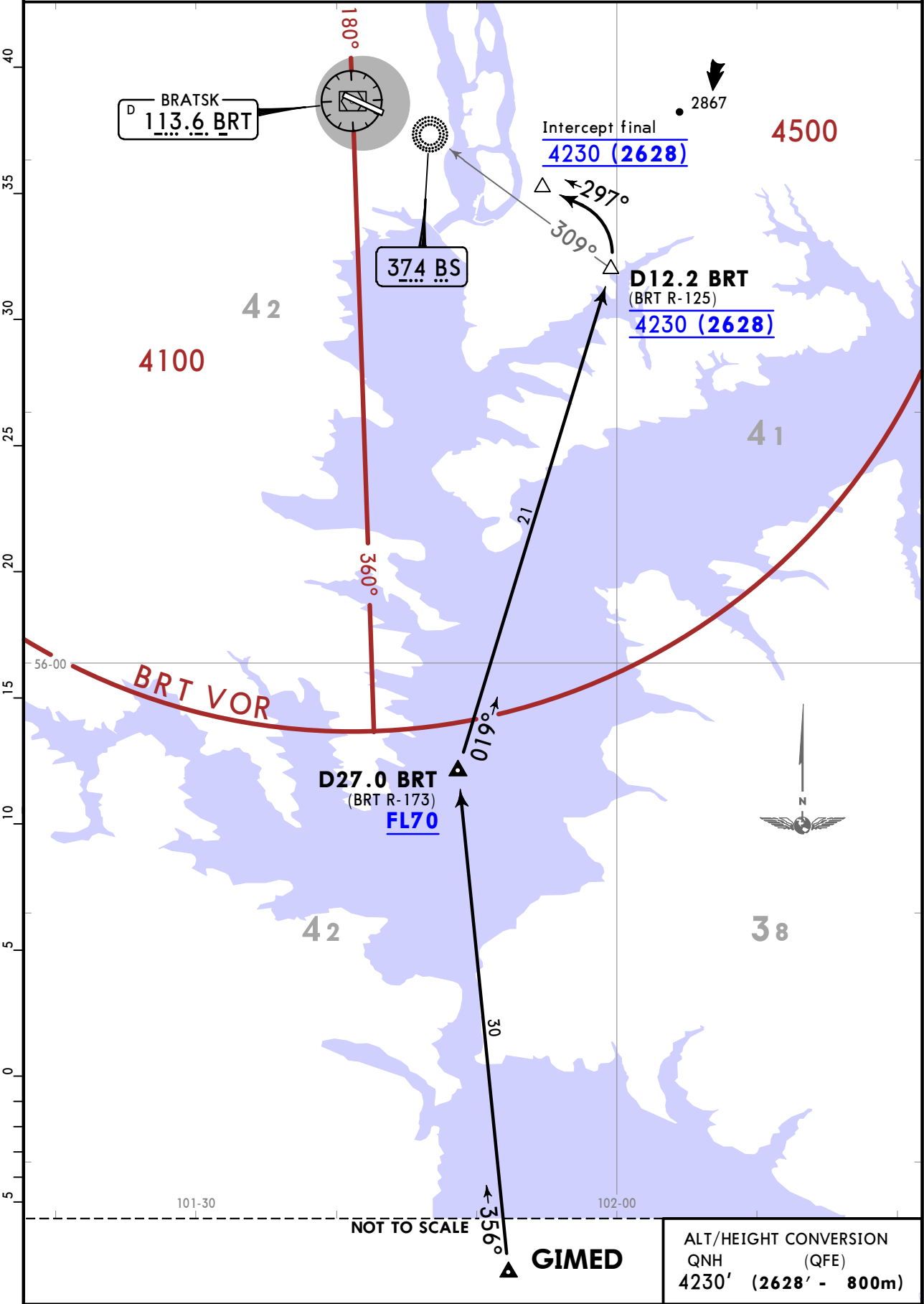
UIBB/BTK
BRATSK

JEPPESEN
22 FEB 19 10-2P Eff 28 Feb

BRATSK, RUSSIA
STAR

ATIS 127.2	Apt Elev 1611	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 715mm (953.3 hPa) FL80 if pressure is less than 688mm (917.3 hPa)
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GIMED 2
RWY 30 ARRIVAL



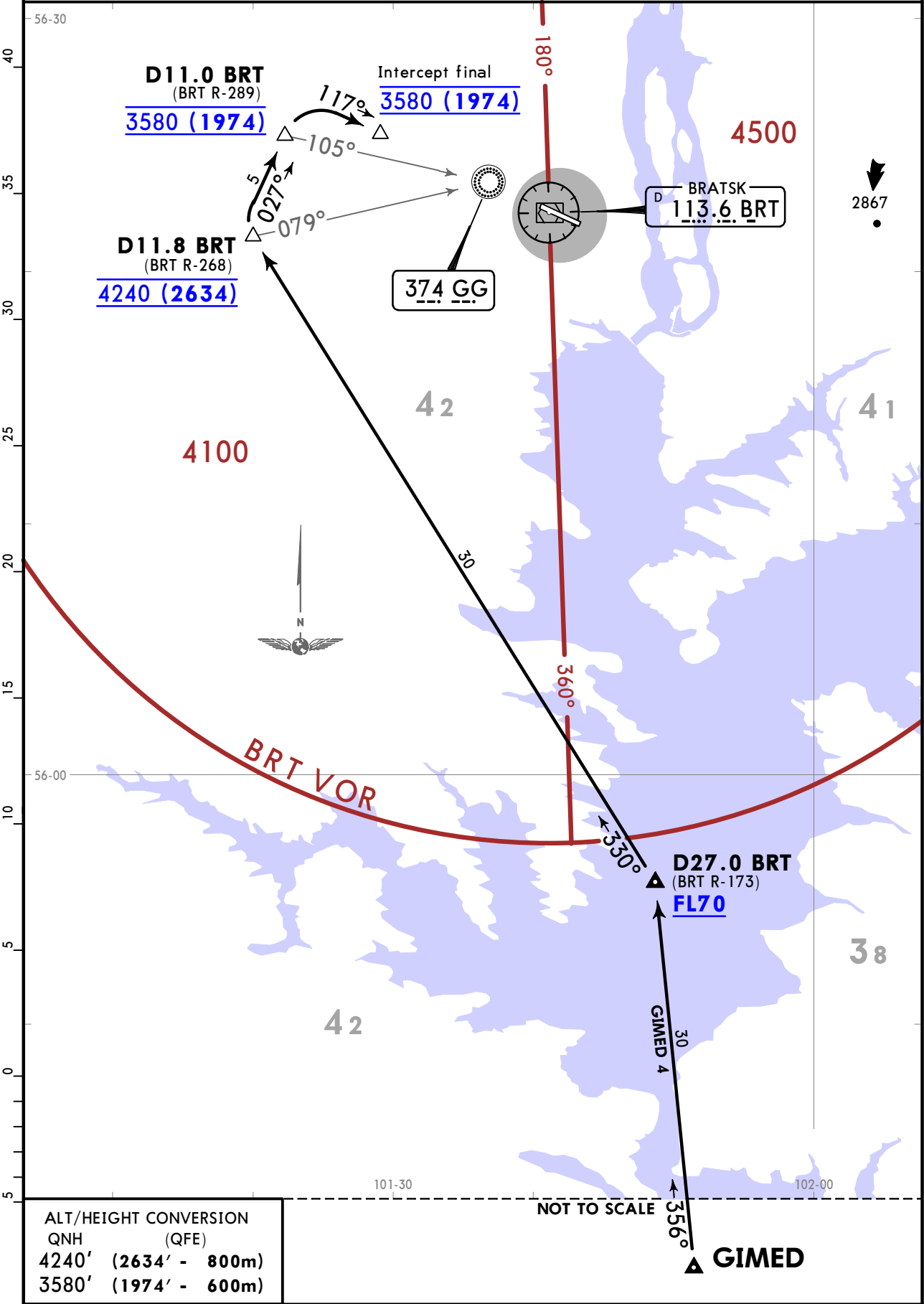
UIBB/BTK
BRATSK

JEPPESEN
22 FEB 19 10-2Q Eff 28 Feb

BRATSK, RUSSIA
STAR

ATIS 127.2	Apt Elev 1611	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL60 FL70 if pressure is less than 715mm (953.3 hPa) FL80 if pressure is less than 688mm (917.3 hPa)
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GIMED 4
RWY 12 ARRIVAL



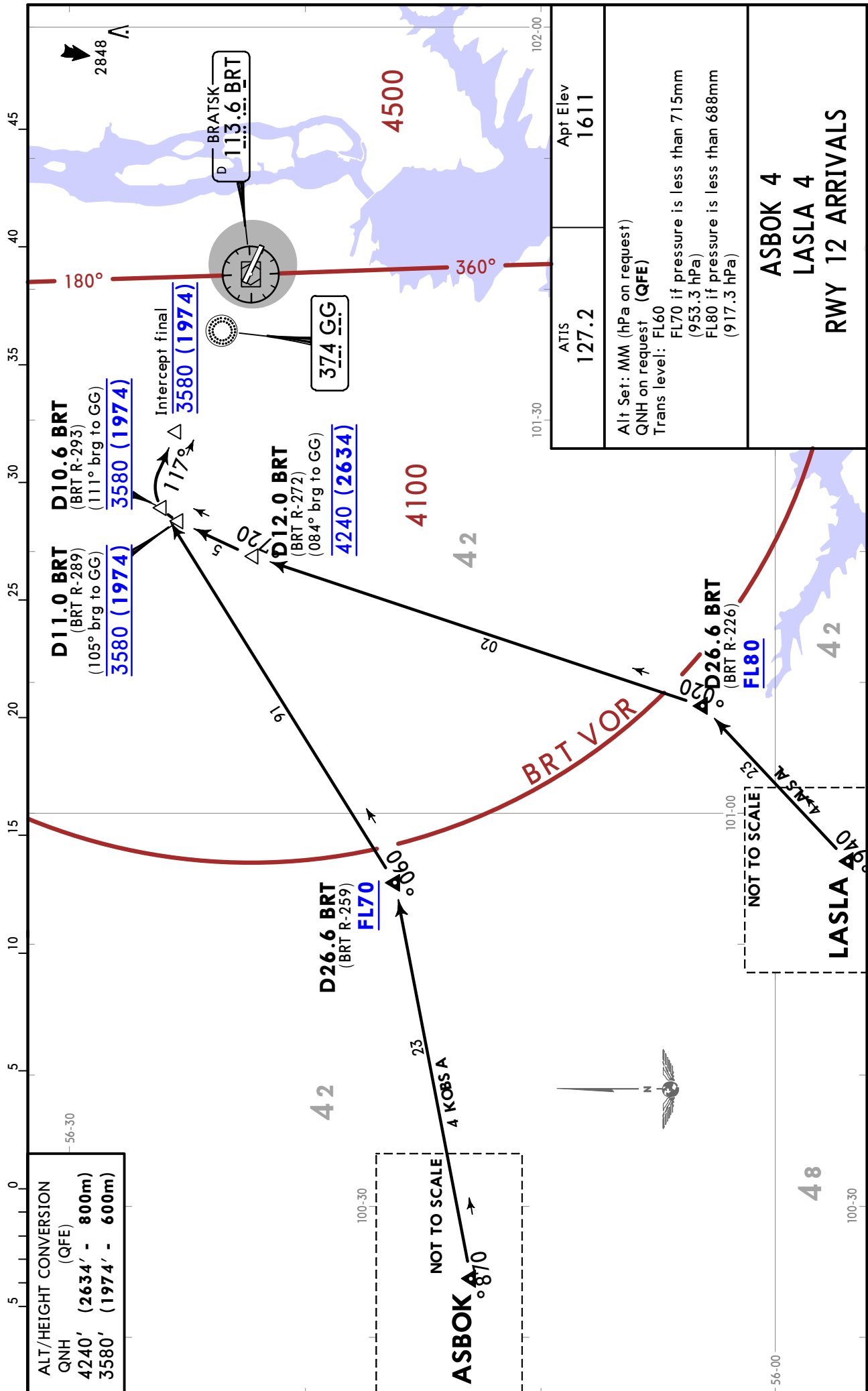
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JEPPESSEN
22 FEB 19 10-2T

Eff 28 Feb

BRATSK, RUSSIA

STAR

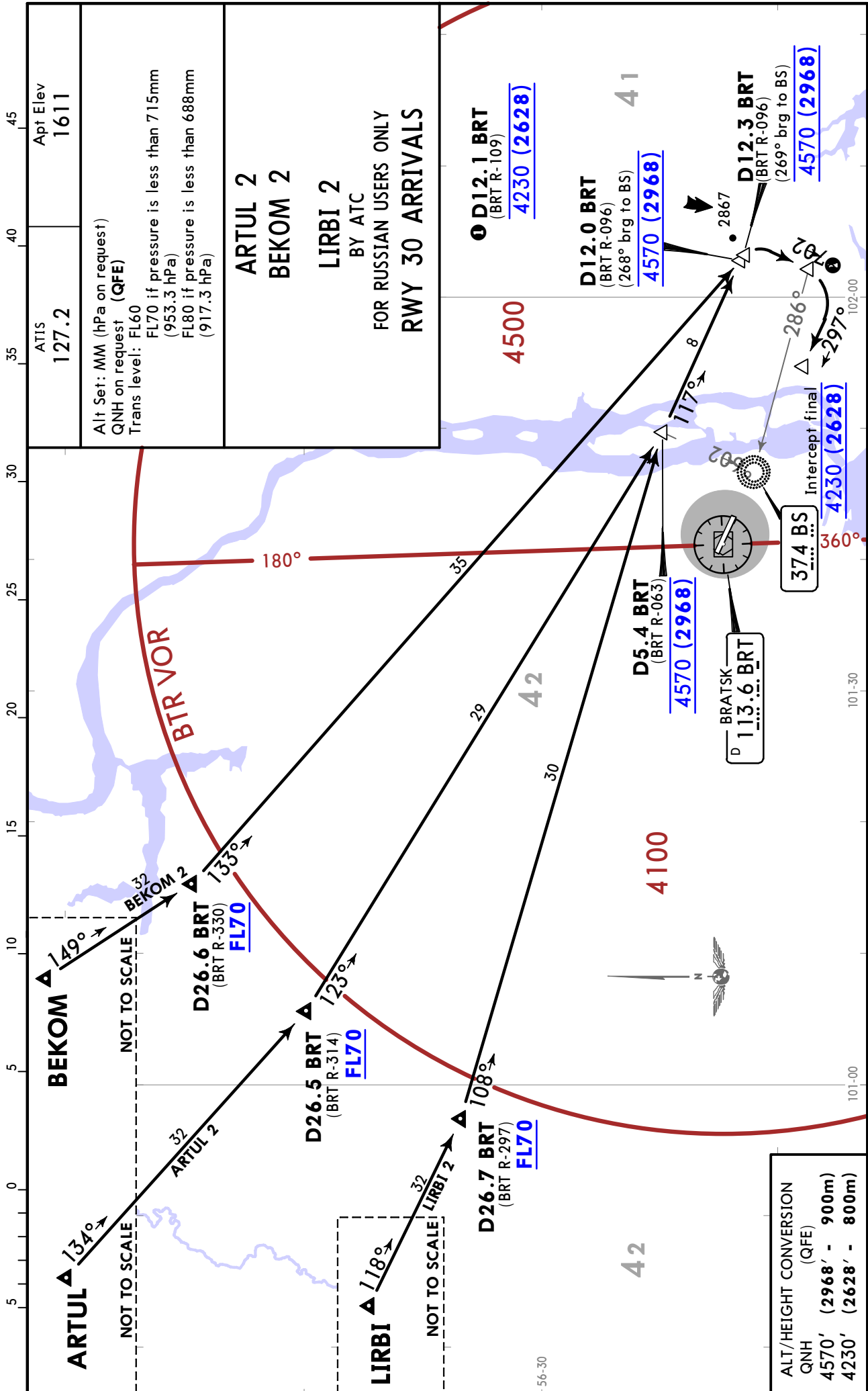


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22 FEB 19 10-2U Eff 28 Feb

BRATSK, RUSSIA

STAR



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JEPPESSEN

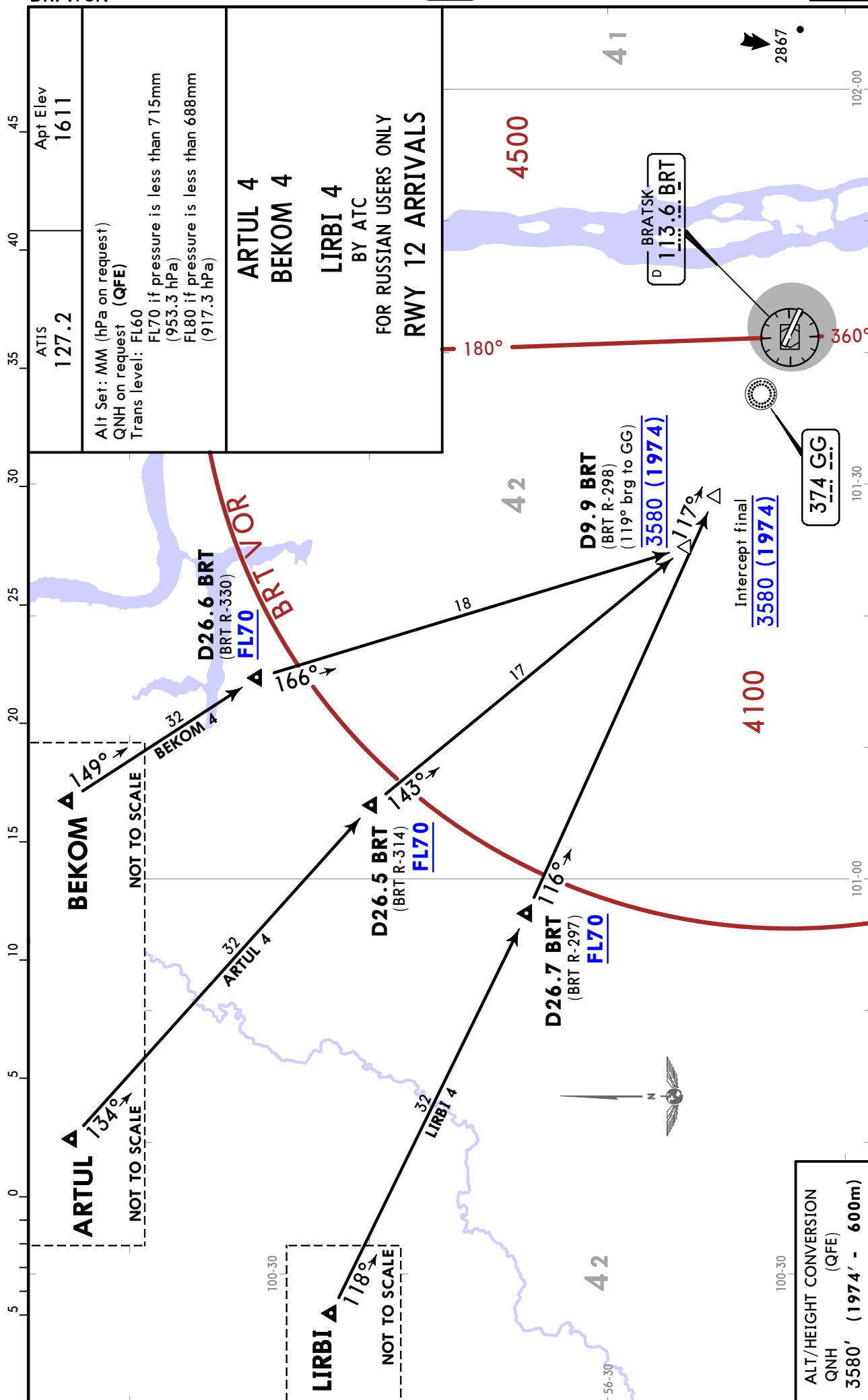
22 FEB 19

10-2V

Eff 28 Feb

BRATSK, RUSSIA

STAR



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BRATSK

BRATSK, RUSSIA
RNAV SID

RNAV SID DESIGNATION	REFER TO CHART
GOMAK 5C, NUGMA 5C, RIMUL 5C	10-3B
GOMAK 5D, NUGMA 5D, RIMUL 5D	10-3C
NALIL 5C, NEGUT 5C, UDEGA 5C	10-3D
NALIL 5D, NEGUT 5D, UDEGA 5D	10-3E
NALIL 5G, NEGUT 5G, UDEGA 5G	10-3F
LIDKA 5C	10-3G
LIDKA 5D	10-3H
LIDKA 5G	10-3J
ASBOK 5C, LASLA 5C	10-3K
ASBOK 5D, LASLA 5D	10-3L
ASBOK 5E	10-3M
ARTUL 5C, BEKOM 5C, LIRBI 5C	10-3N
ARTUL 5D, BEKOM 5D, LIRBI 5D	10-3P
ARTUL 5E, BEKOM 5E, LIRBI 5E	10-3Q

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BRATSK, RUSSIA
SID

SID DESIGNATION	REFER TO CHART
GOMAK 1, NUGMA 1, RIMUL 1	10-3S
GOMAK 3, NUGMA 3, RIMUL 3	10-3T
NALIL 1, NEGUT 1, UDEGA 1	10-3U
NALIL 3, NEGUT 3, UDEGA 3	10-3V
LIDKA 1	10-3W
LIDKA 3	10-3X
ASBOK 1, LASLA 1	10-3X1
ASBOK 3, LASLA 3	10-3X2
ARTUL 1, BEKOM 1, LIRBI 1	10-3X3
ARTUL 3, BEKOM 3, LIRBI 3	10-3X4

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22 FEB 19 10-3B Eff 28 Feb

BRATSK, RUSSIA
RNAV SID

Apt Elev
1611

QNH on request (QFE)
Trans alt: 4570 (2964)

1. RNAV 1.

2. GNSS required.

3. EXPECT close-in obstacles.

GOMAK 5C [GOMA5C]
NUGMA 5C [NUGM5C]
RIMUL 5C [RIMU5C]
RWY 12 RNAV DEPARTURES

The chart displays three RNAV SID paths from runway 12 (indicated by a star symbol) to various destinations. The paths are defined by a series of waypoints and associated altitudes and distances. A red arc labeled 'ARP' (4000 feet) indicates the obstacle clearance area. A maximum speed of 265 KT is specified for the GOMAK 5C path. The chart also includes a north arrow and a scale bar.

Path	Waypoint	Altitude (ft)	Distance (nm)	Speed (KT)
GOMAK 5C	BB023	MAX 265 KT	0.0	
	BB025	FL90	18.7	
	BB032	FL100	20.1	
	BB037	FL140	12.6	
NUGMA 5C	BB025	FL90	0.0	
	BB026	FL130	13.8	
	NUGMA	FL130	29.7	
RIMUL 5C	BB025	FL90	0.0	
	RIMUL	FL170 / FL110	39.9	

These SIDs require a minimum climb gradient of

GOMAK 5C: 3.4% up to FL100 due to airspace structure.

NUGMA 5C: 3.4% up to FL130 due to airspace structure.

Gnd speed-KT	75	100	150	200	250	300
3.4% V/V (fpm)	258	344	516	689	861	1033

ALT/HEIGHT CONVERSION

QNH (QFE)

4570' (2964' - 900m)

CHANGES: New RNAV SIDs at this airport. © JEPPESEN, 2019. ALL RIGHTS RESERVED.

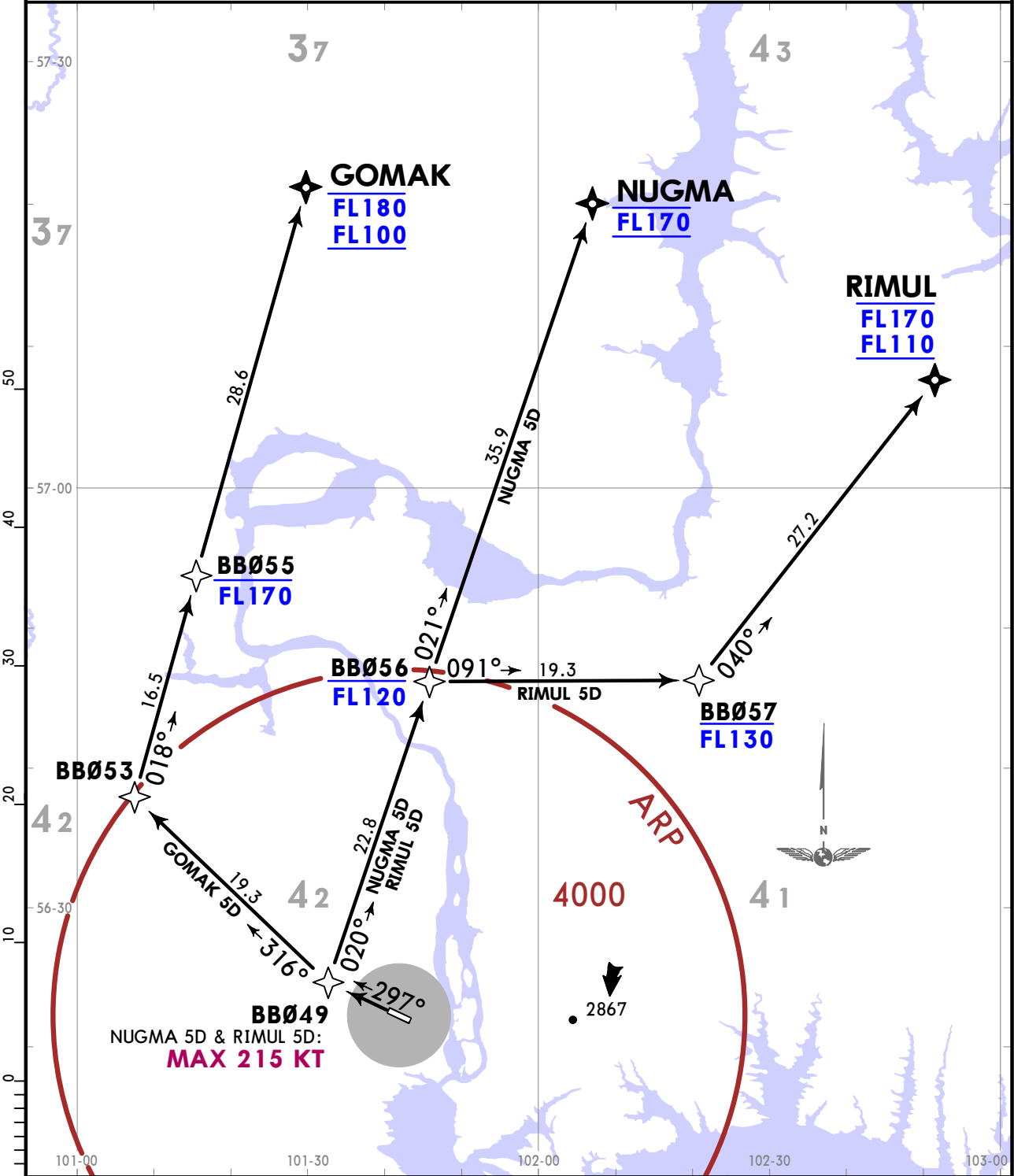
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22 FEB 19 10-3C Eff 28 Feb

BRATSK, RUSSIA
RNAV SID

Apt Elev 1611	QNH on request (QFE) Trans alt: 4570 (2968) 1. RNAV 1. 2. GNSS required.
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GOMAK 5D [GOMA5D]
NUGMA 5D [NUGM5D]
RIMUL 5D [RIMU5D]
RWY 30 RNAV DEPARTURES

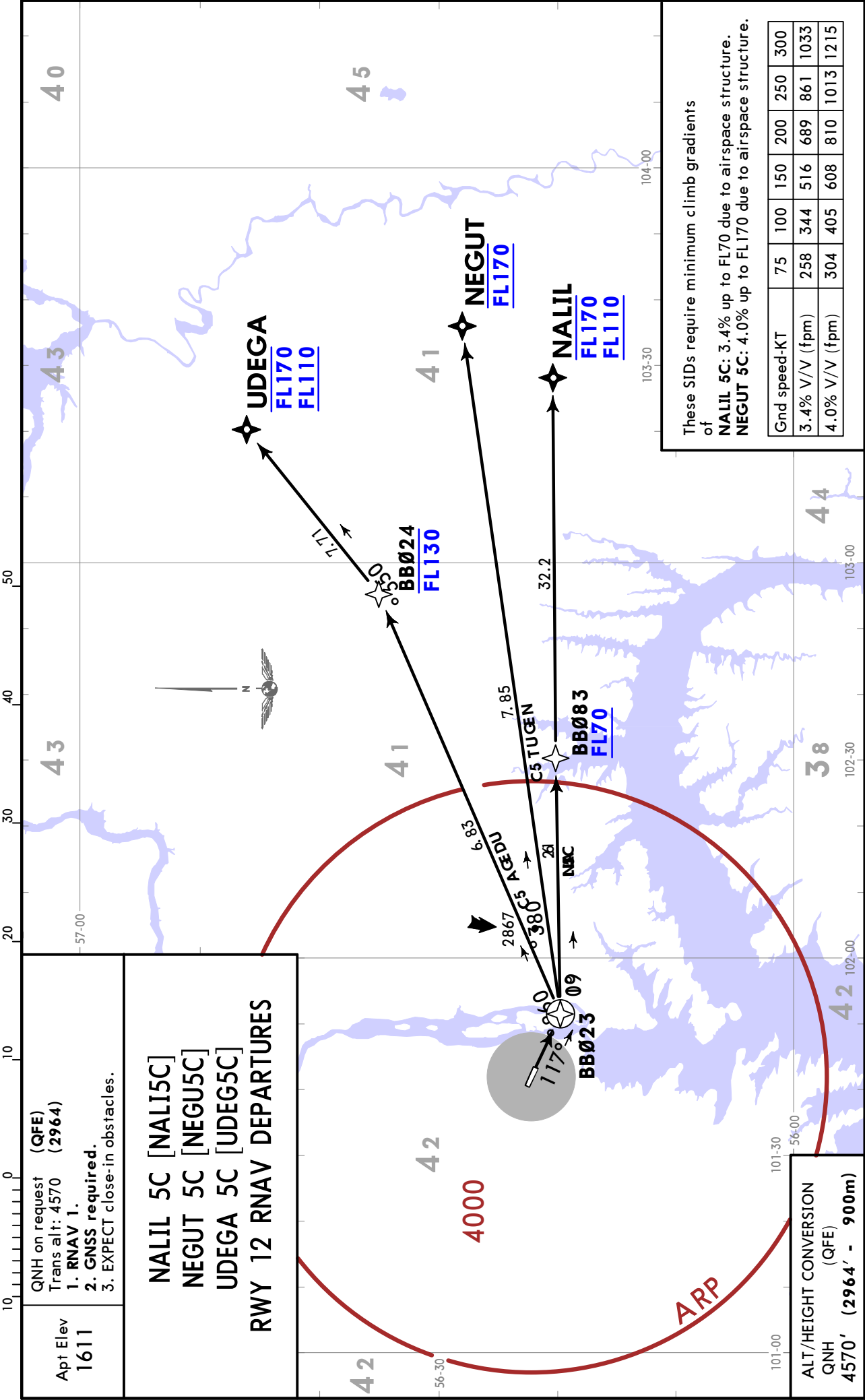


NUGMA 5D							ALT/HEIGHT CONVERSION QNH (QFE) 4570' (2968' - 900m)	
This SID requires a minimum climb gradient of 4.1% up to FL170 due to airspace structure.								
Gnd speed-KT	75	100	150	200	250	300		
4.1% V/V (fpm)	311	415	623	830	1038	1246		

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22 FEB 19 10-3D Eff 28 Feb

BRATSK, RUSSIA
RNAV SID



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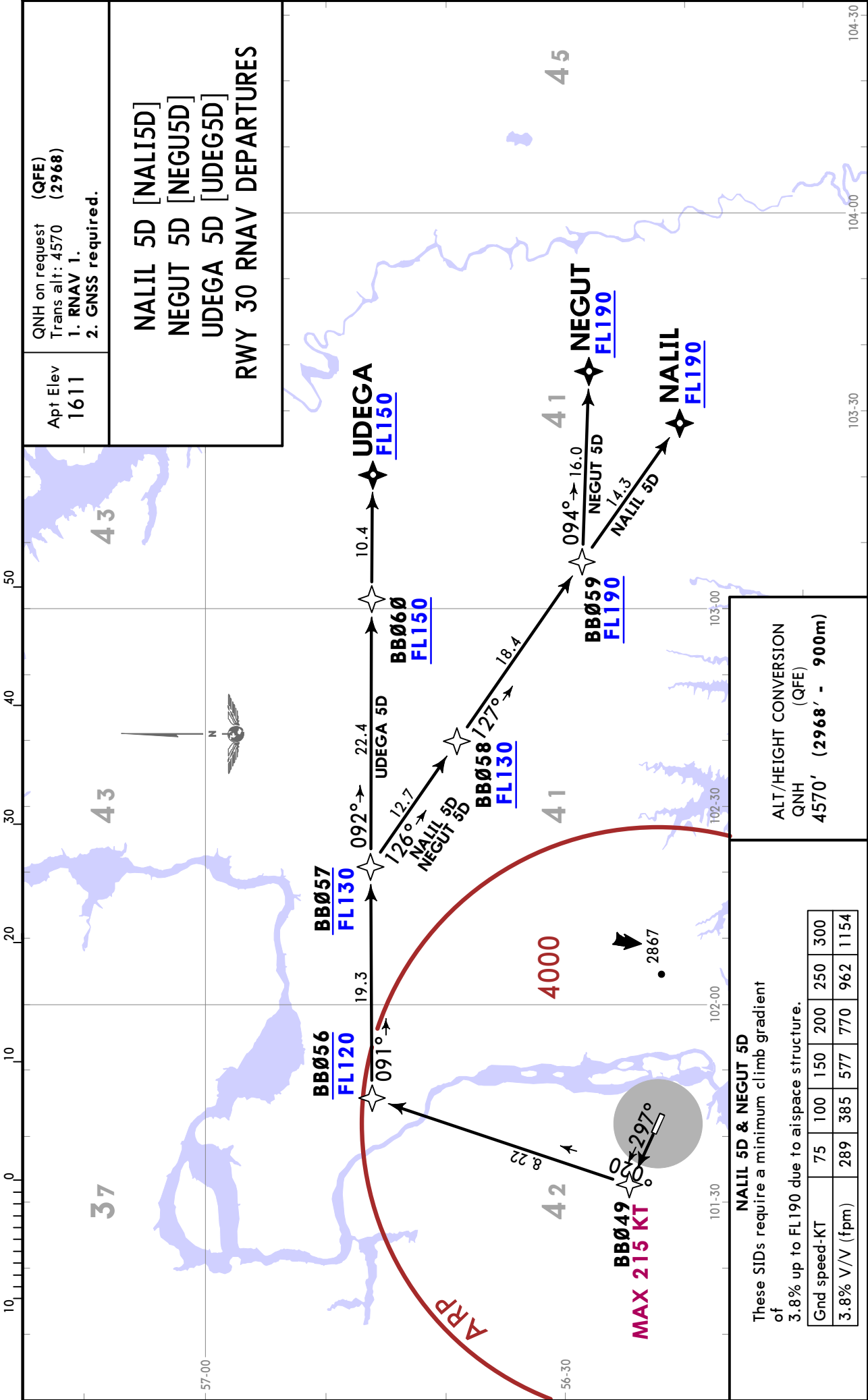
JEPPESSEN
22 FEB 19 10-3E Eff 28 Feb

BRATSK, RUSSIA
RNAV SID

Apt Elev
1611

QNH on request (QFE)
Trans alt: 4570 (2968)
1. RNAV 1.
2. GNSS required.

NALIL 5D [NALI5D]
NEGUT 5D [NEGU5D]
UDEGA 5D [UDEG5D]
RWY 30 RNAV DEPARTURES





UIBB/BTK
BRATSK



BRATSK, RUSSIA

22 FEB 19

10-3G

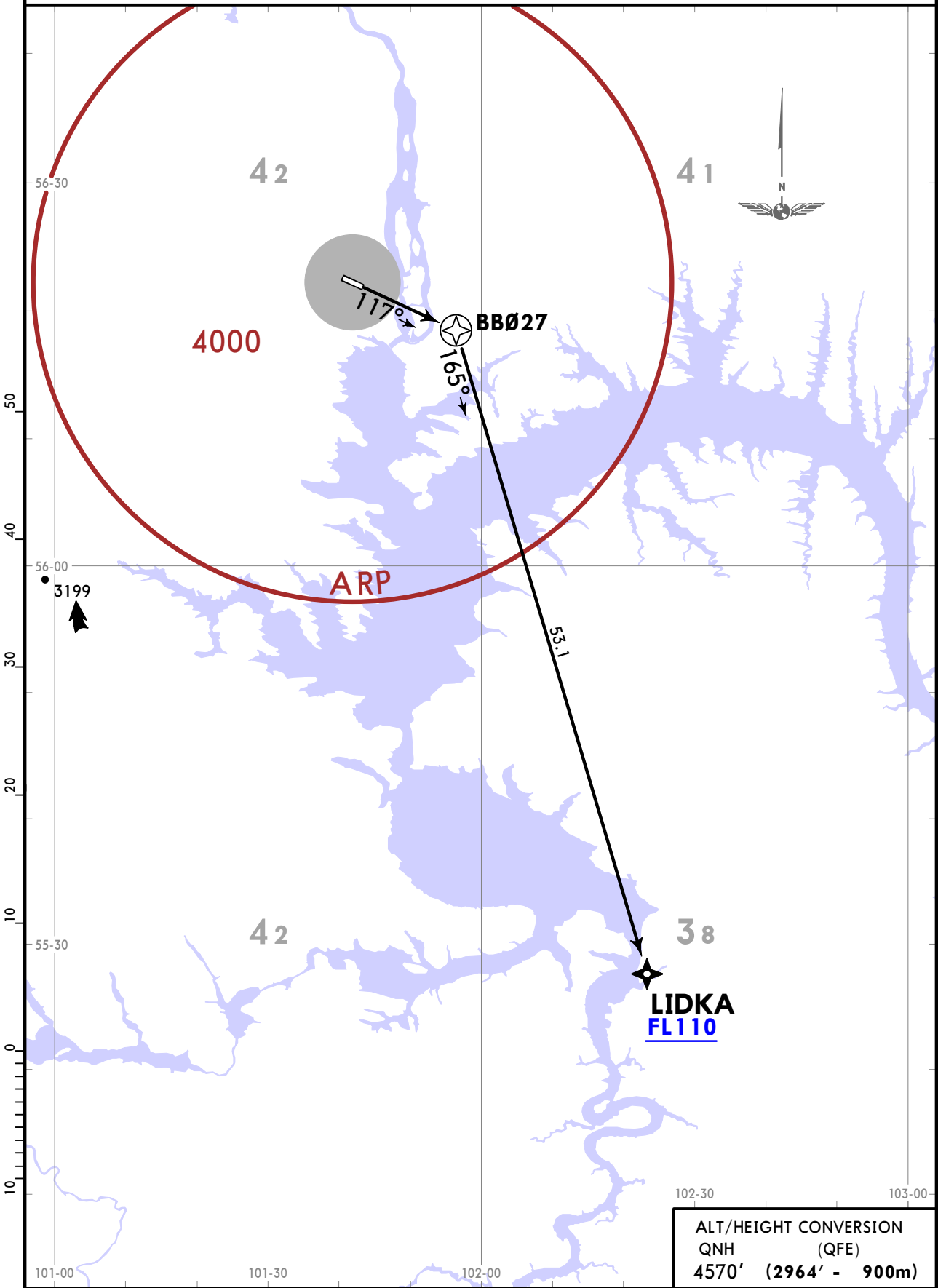
Eff 28 Feb

RNAV SID

Apt Elev
1611

QNH on request (QFE)
Trans alt: 4570 (2964)
1. RNAV 1.
2. GNSS required.
3. EXPECT close-in obstacles.

LIDKA 5C [LIDK5C]
RWY 12 RNAV DEPARTURE



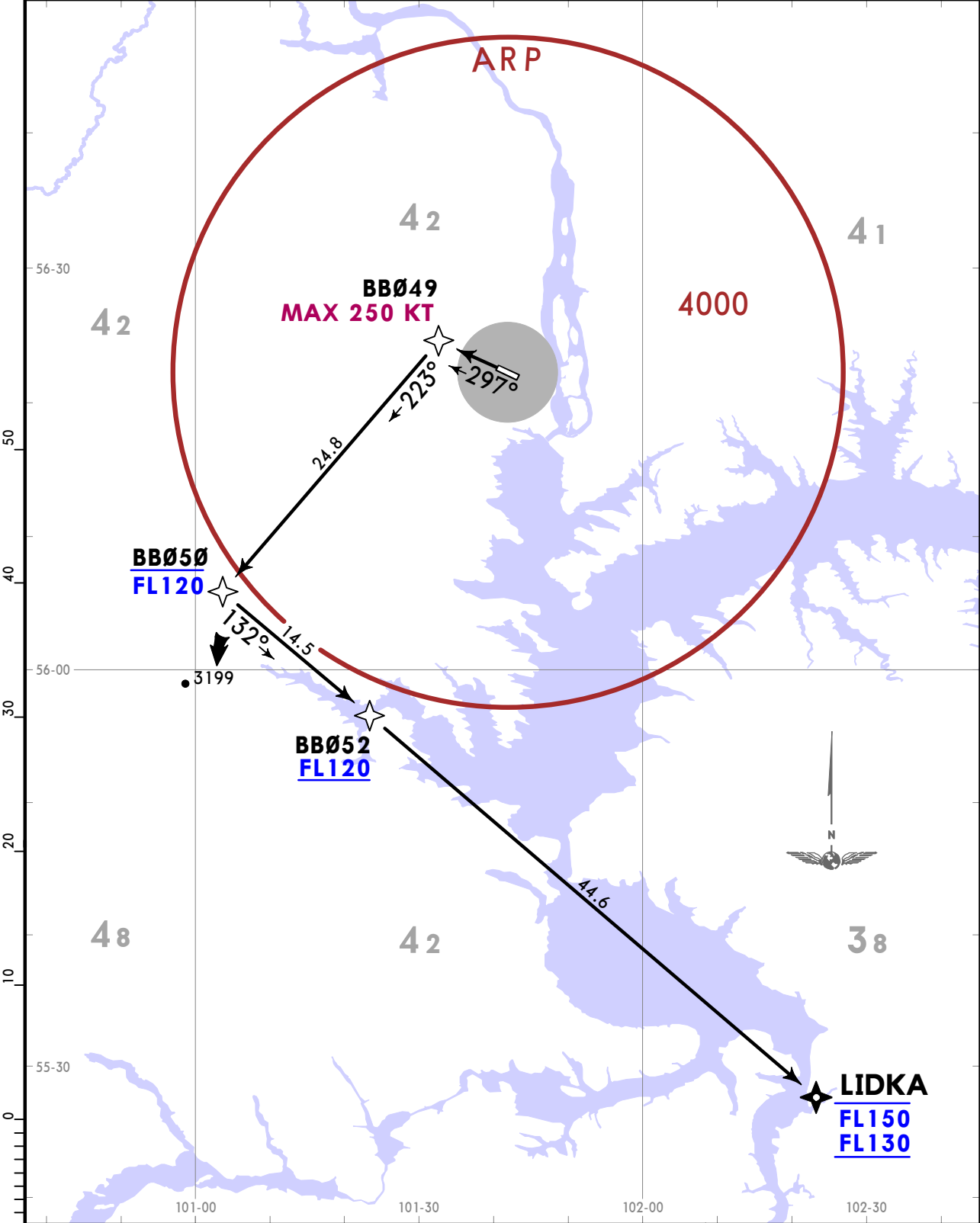
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BRATSK

JEPPESEN
22 FEB 19 10-3H Eff 28 Feb

BRATSK, RUSSIA
RNAV SID

Apt Elev 1611	QNH on request (QFE) Trans alt: 4570 (2968) 1. RNAV 1. 2. GNSS required.
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LIDKA 5D [LIDK5D]
RWY 30 RNAV DEPARTURE



This SID requires a minimum climb gradient
of
4.1% up to FL120 due to airspace structure.

Gnd speed-KT	75	100	150	200	250	300
4.1% V/V (fpm)	311	415	623	830	1038	1246

ALT/HEIGHT CONVERSION
QNH (QFE)
4570' (2968' - 900m)

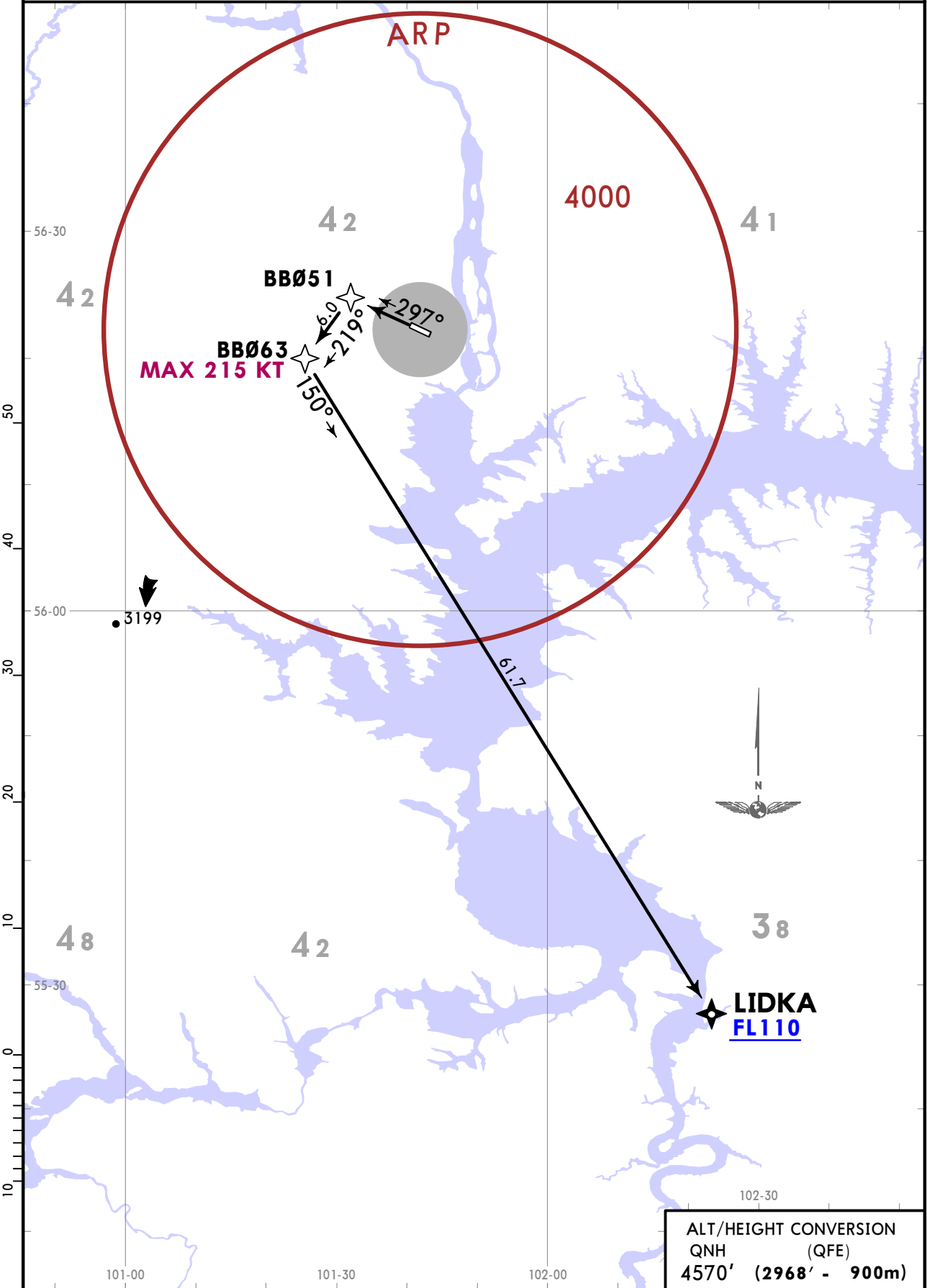
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BRATSK

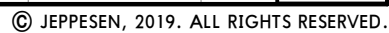
JEPPESEN
22 FEB 19 10-3J Eff 28 Feb

BRATSK, RUSSIA
RNAV SID

Apt Elev 1611	QNH on request (QFE) Trans alt: 4570 (2968) 1. RNAV 1. 2. GNSS required.
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LIDKA 5G [LIDK5G]
RWY 30 RNAV DEPARTURE





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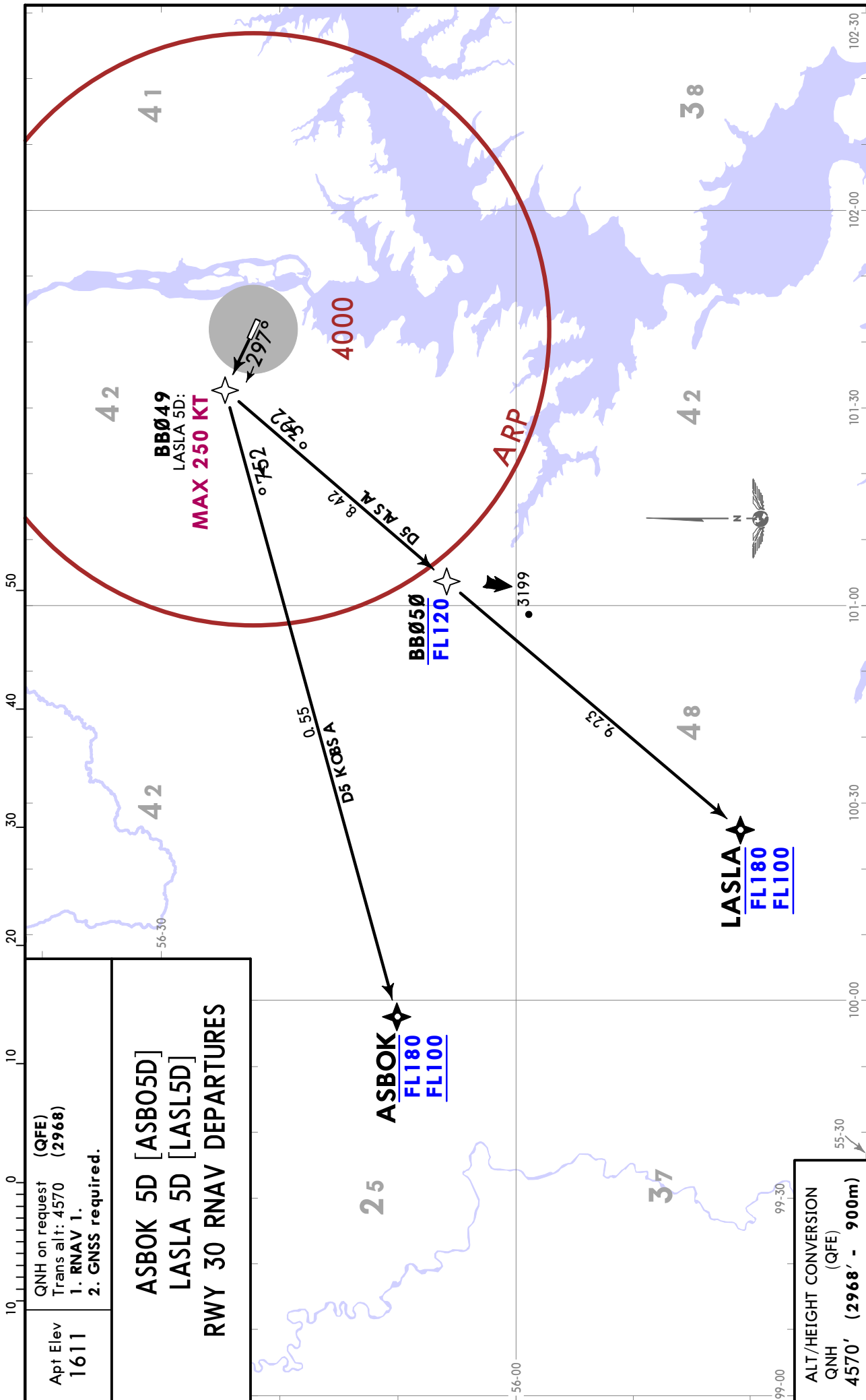
BRATSK, RUSSIA

22 FEB 19

10-3L

Eff 28 Feb

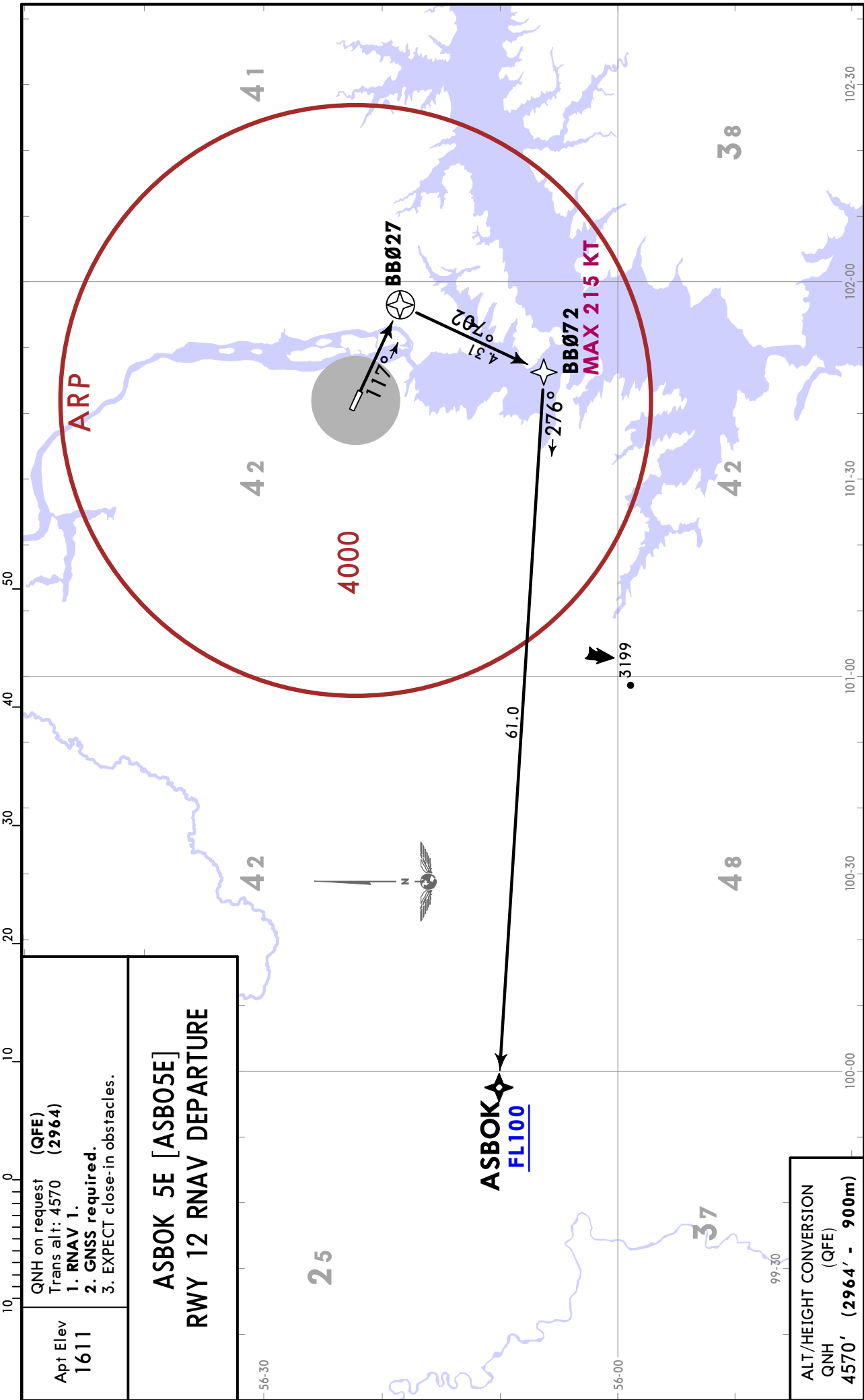
RNAV SID



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JEPPESSEN
22 FEB 19 10-3M Eff 28 Feb

BRATSK, RUSSIA
RNAV SID



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BRATSK

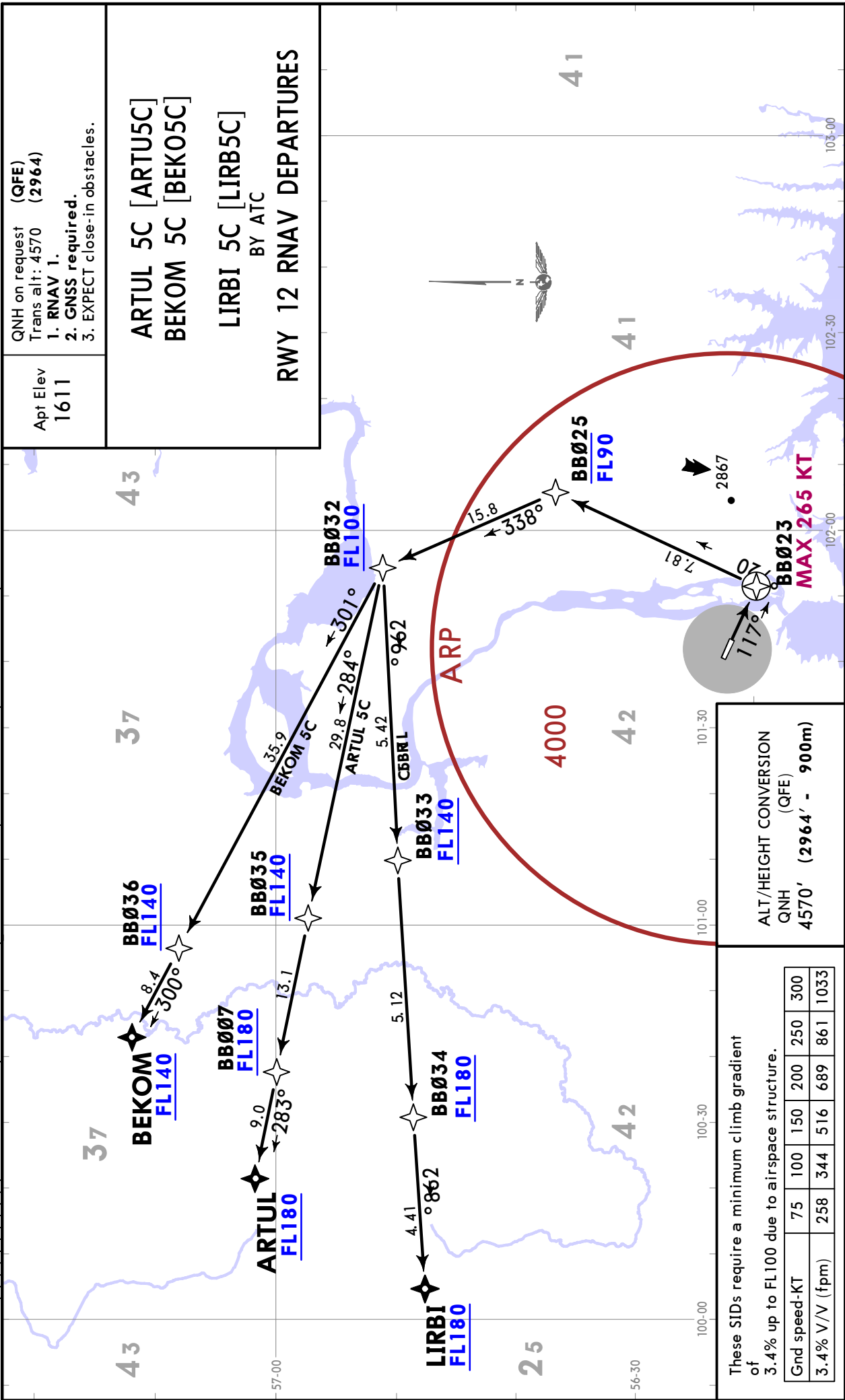
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22 FEB 19 10-3N

Eff 28 Feb

RNAV SID



CHANGES: New chart (new RNAV SIDs at this airport).

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BRATSK, RUSSIA

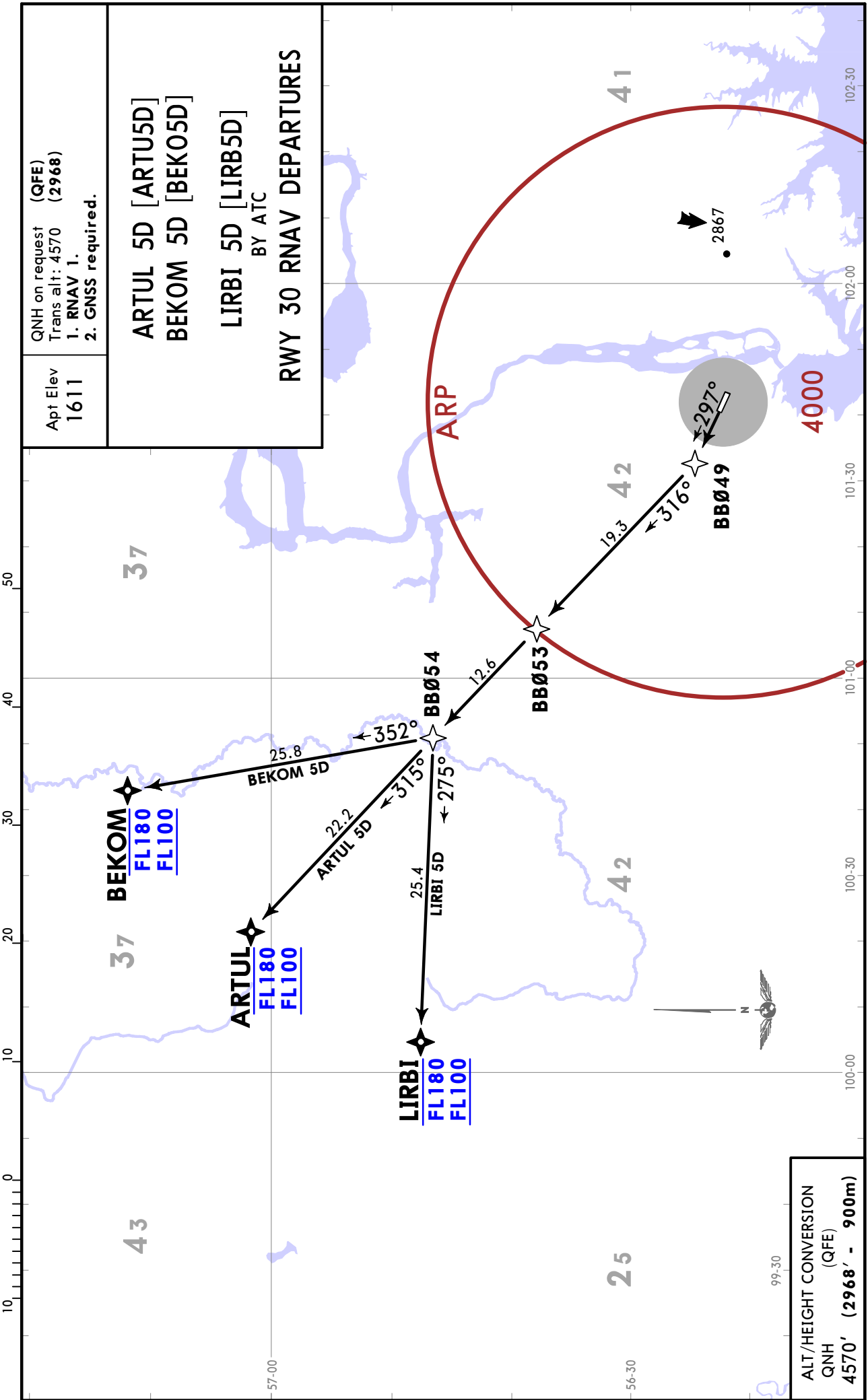
22 FEB 19

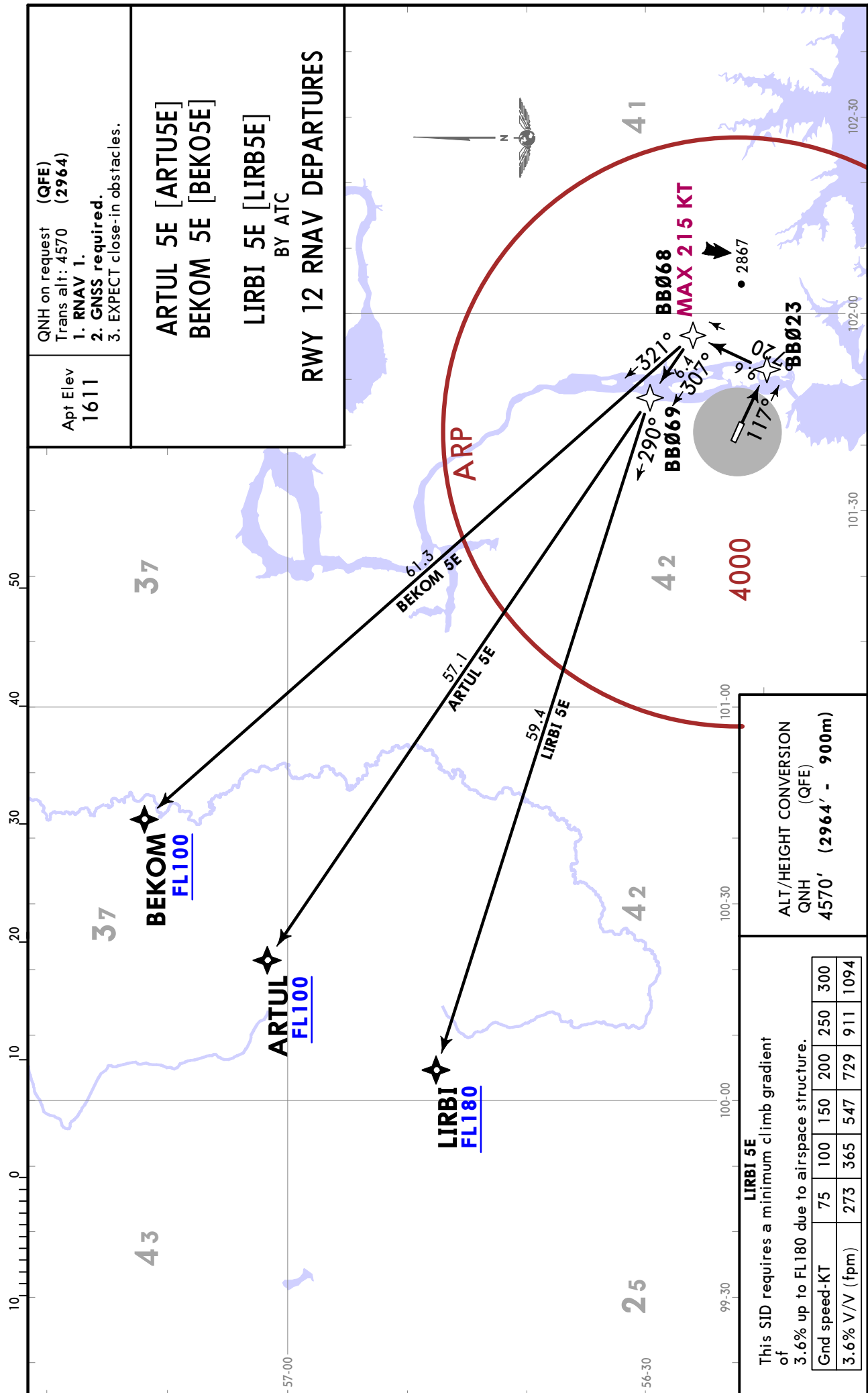
10-3P

Eff 28 Feb

RNAV SID

Apt Elev 1611	QNH on request (QFE) Trans alt: 4570 (2968) 1. RNAV 1. 2. GNSS required.
ARTUL 5D [ARTU5D] BEKOM 5D [BEKO5D] LIRBI 5D [LIRB5D] BY ATC RWY 30 RNAV DEPARTURES	



RNAV SID

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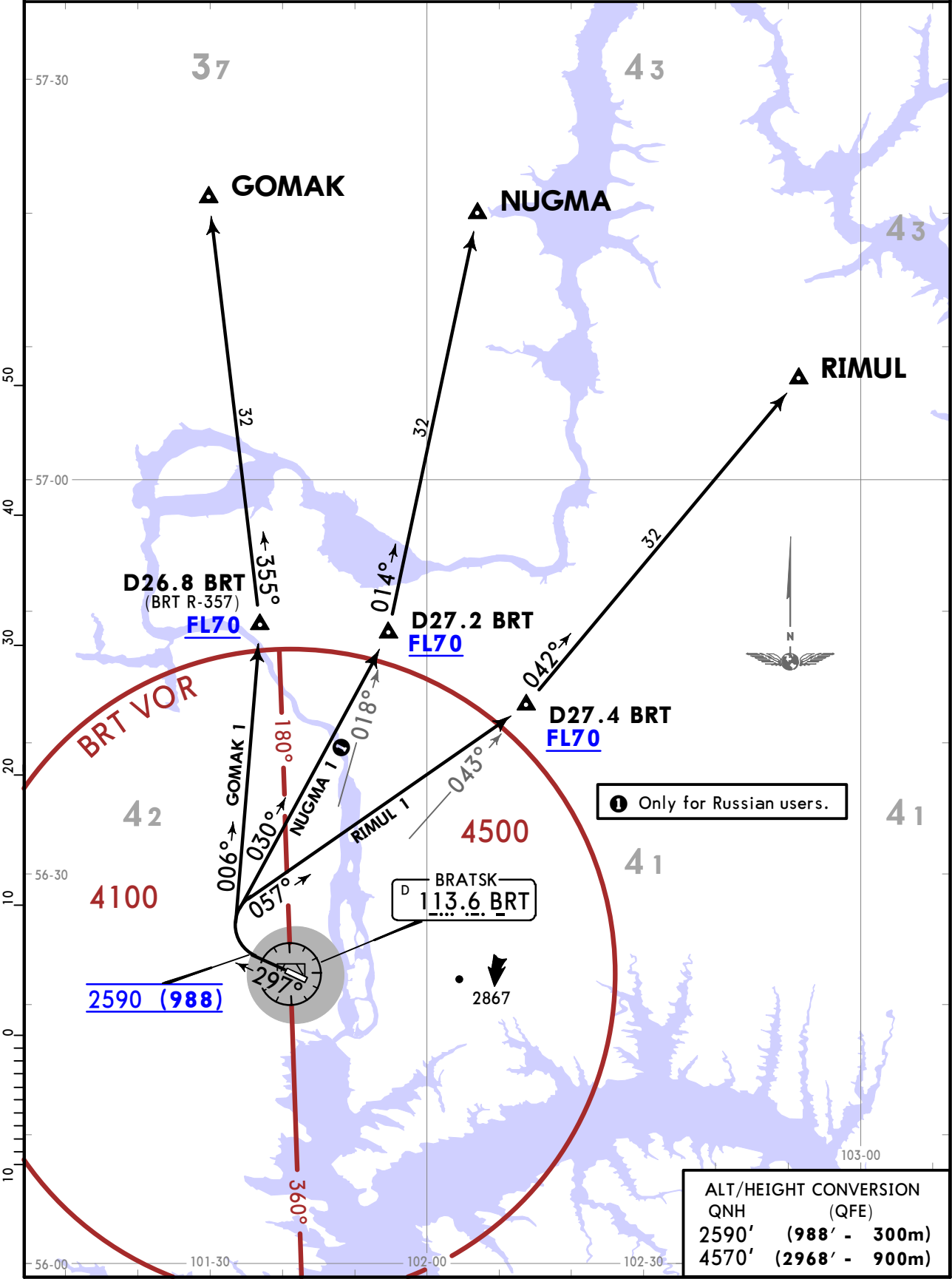
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JEPPESEN
22 FEB 19 10-3S Eff 28 Feb

BRATSK, RUSSIA
SID

Apt Elev 1611	QNH on request Trans alt: 4570	(QFE) (2968)
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GOMAK 1
NUGMA 1
RIMUL 1
RWY 30 DEPARTURES



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BRATSK, RUSSIA

22 FEB 19

10-3T

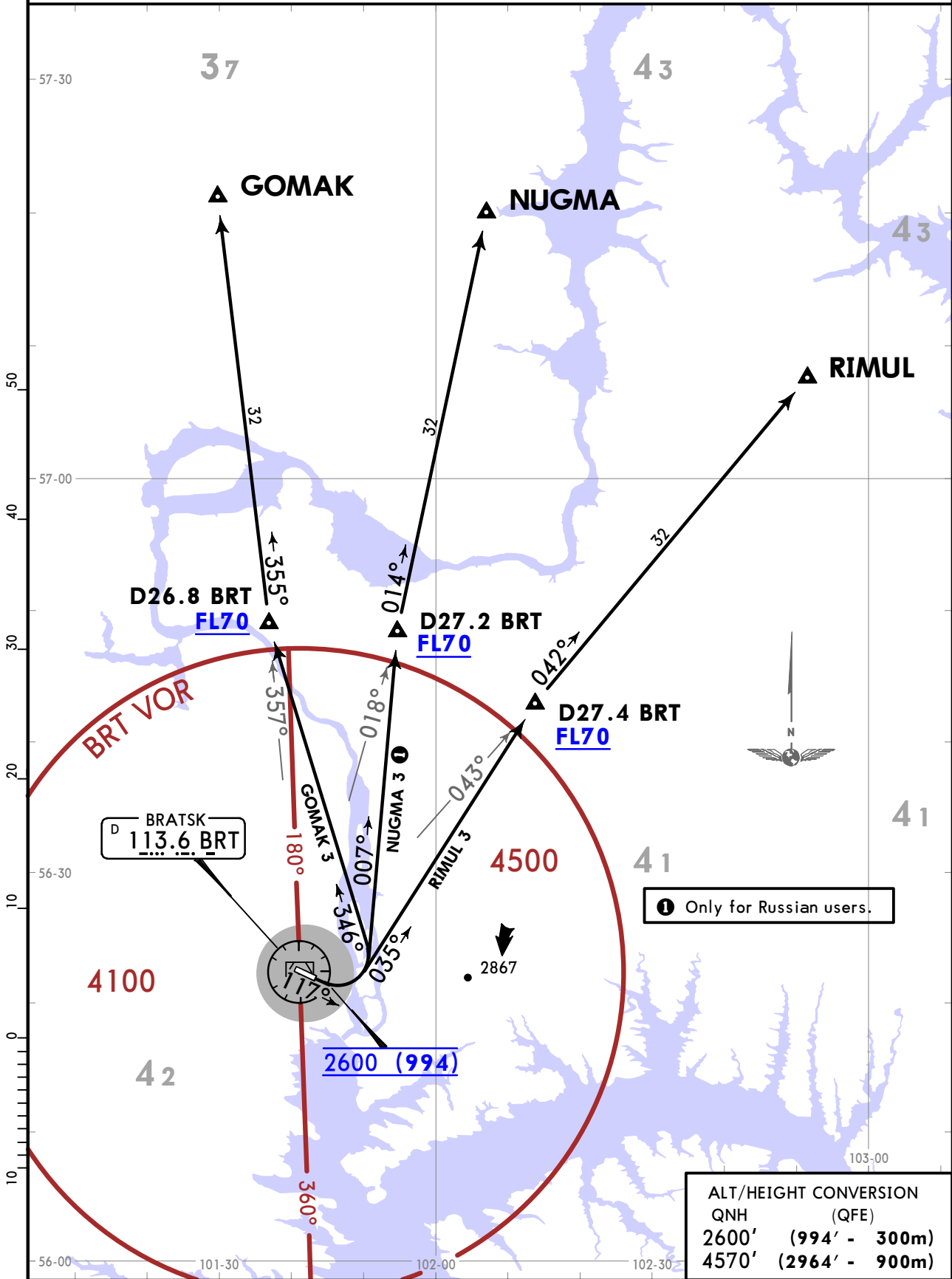
Eff 28 Feb

SID

Apt Elev
1611

QNH on request (QFE)
Trans alt: 4570 (2964)

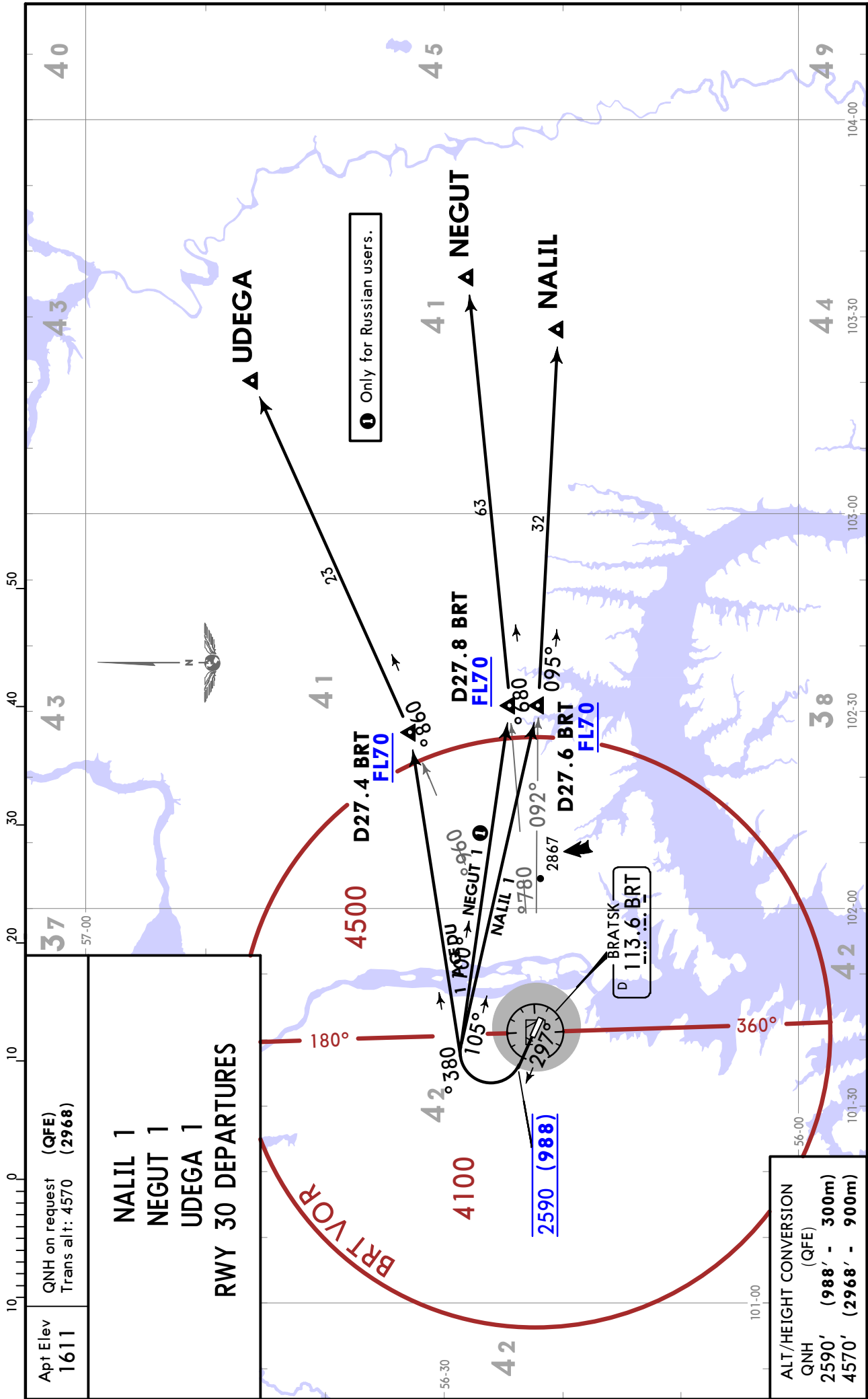
GOMAK 3
NUGMA 3
RIMUL 3
RWY 12 DEPARTURES



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BRATSK

JEPPesen
22 FEB 19 10-3U Eff 28 Feb

BRATSK, RUSSIA
SID





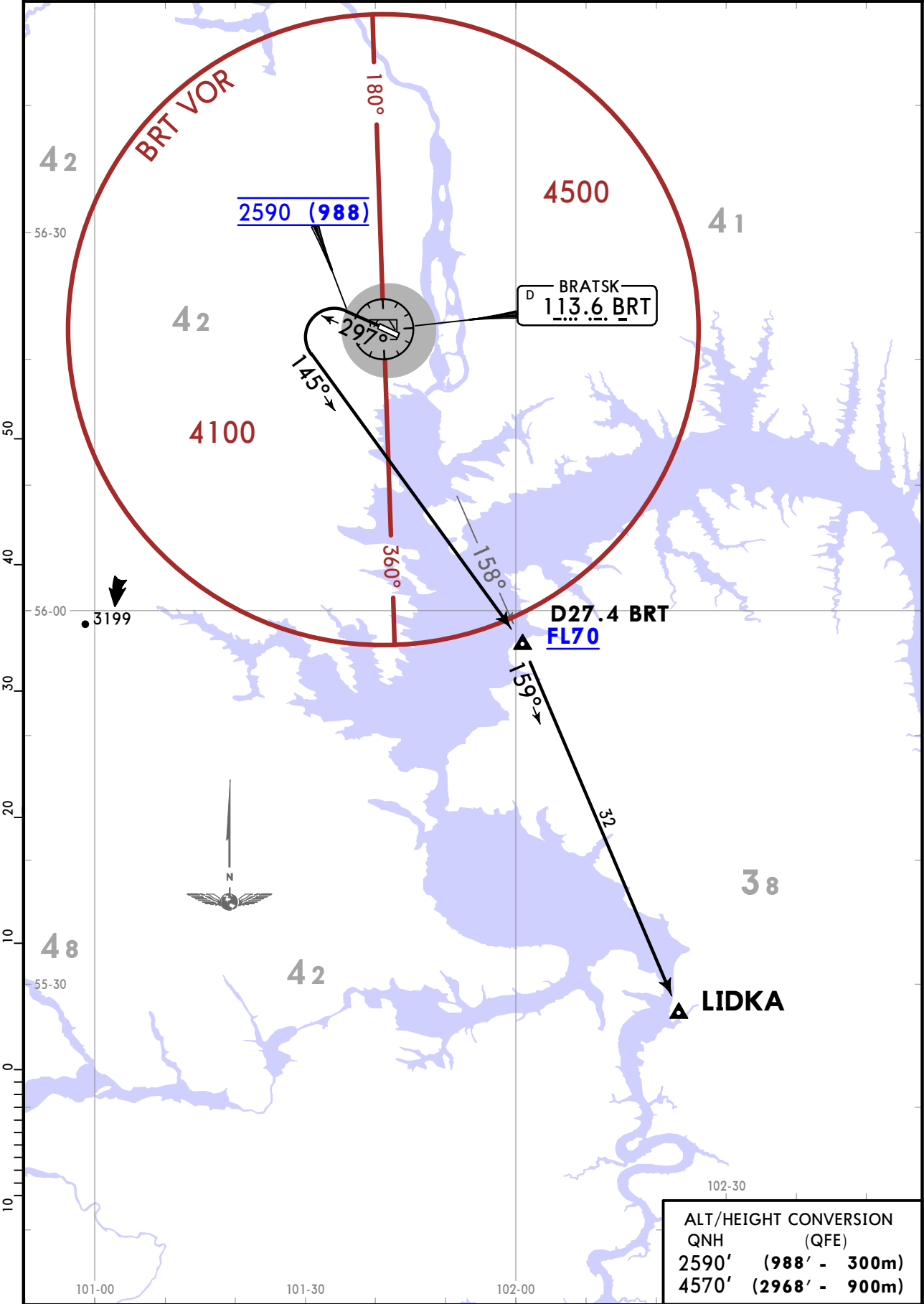
UIBB/BTK
BRATSK

JEPPESEN
22 FEB 19 10-3W Eff 28 Feb

BRATSK, RUSSIA
SID

Apt Elev 1611	QNH on request Trans alt: 4570	(QFE) (2968)
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LIDKA 1
RWY 30 DEPARTURE



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BRATSK



BRATSK, RUSSIA

22 FEB 19

10-3X

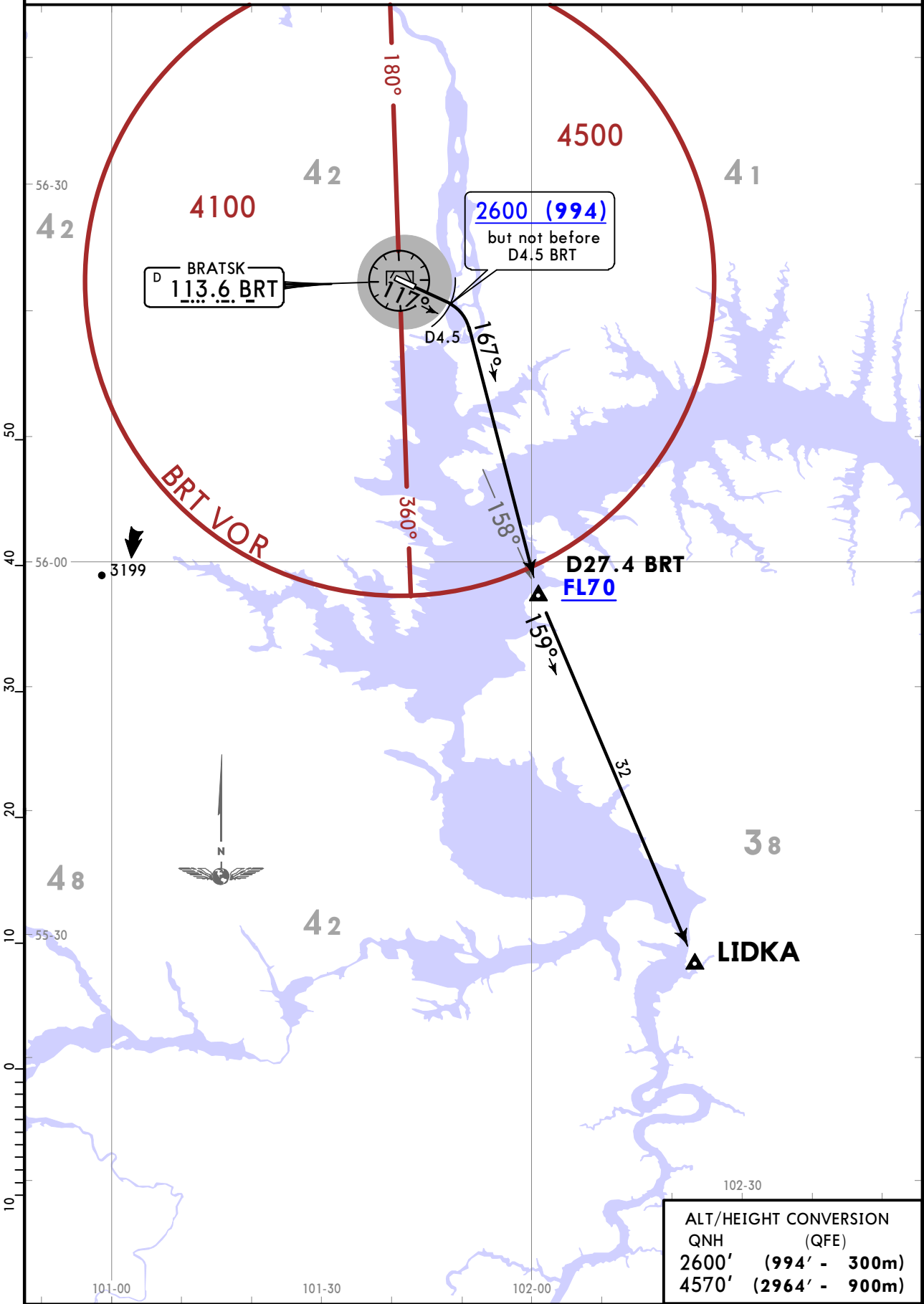
Eff 28 Feb

SID

Apt Elev
1611

QNH on request (QFE)
Trans alt: 4570 (2964)

LIDKA 3
RWY 12 DEPARTURE



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BRATSK, RUSSIA

22 FEB 19 10-3X3 Eff 28 Feb

SID

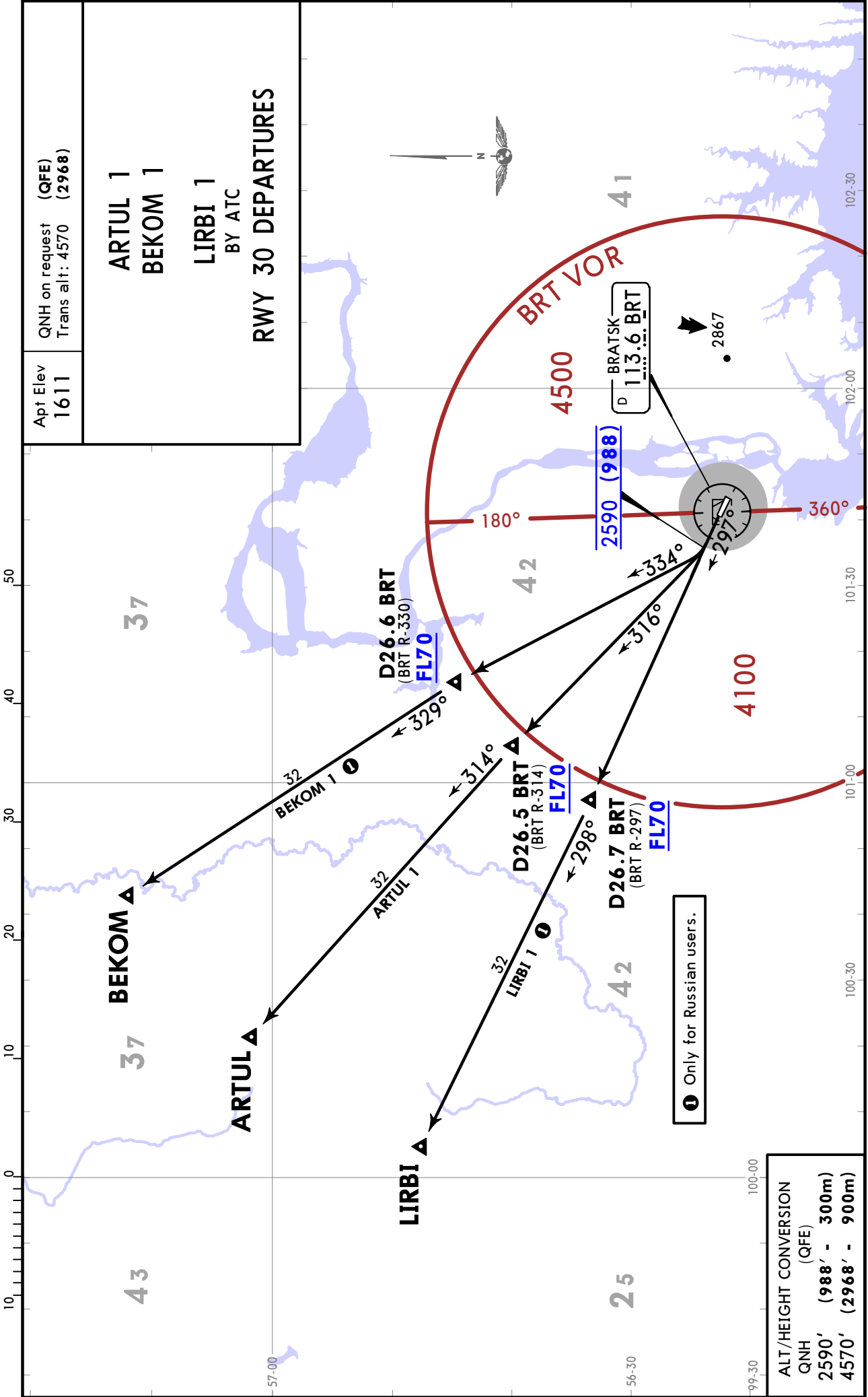
Apt Elev
1611

QNH on request (QFE)
Trans alt: 4570 (2968)

ARTUL 1
BEKOM 1

LIRBI 1
BY ATC

RWY 30 DEPARTURES

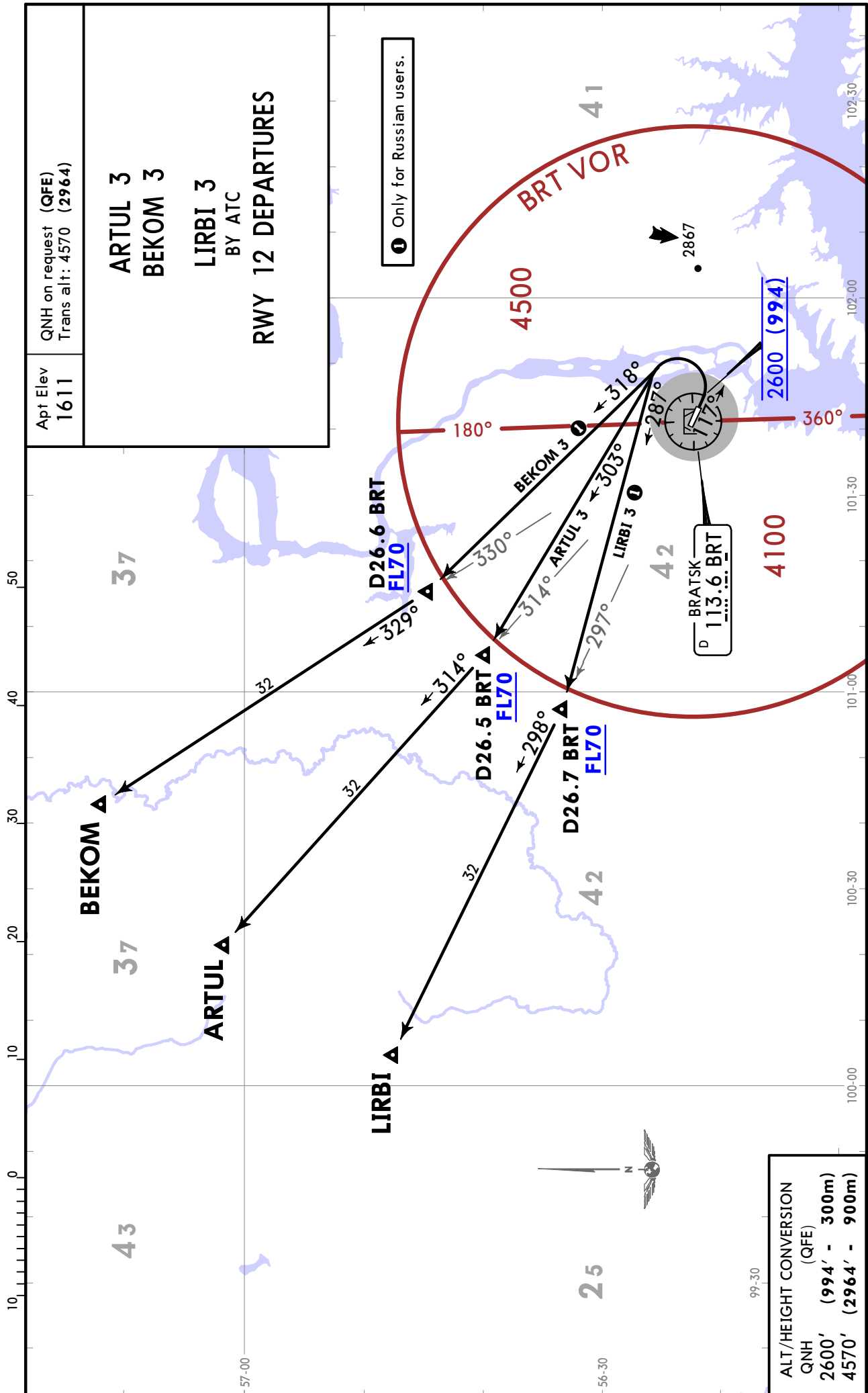


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22 FEB 19 10-3X4 Eff 28 Feb

BRATSK, RUSSIA

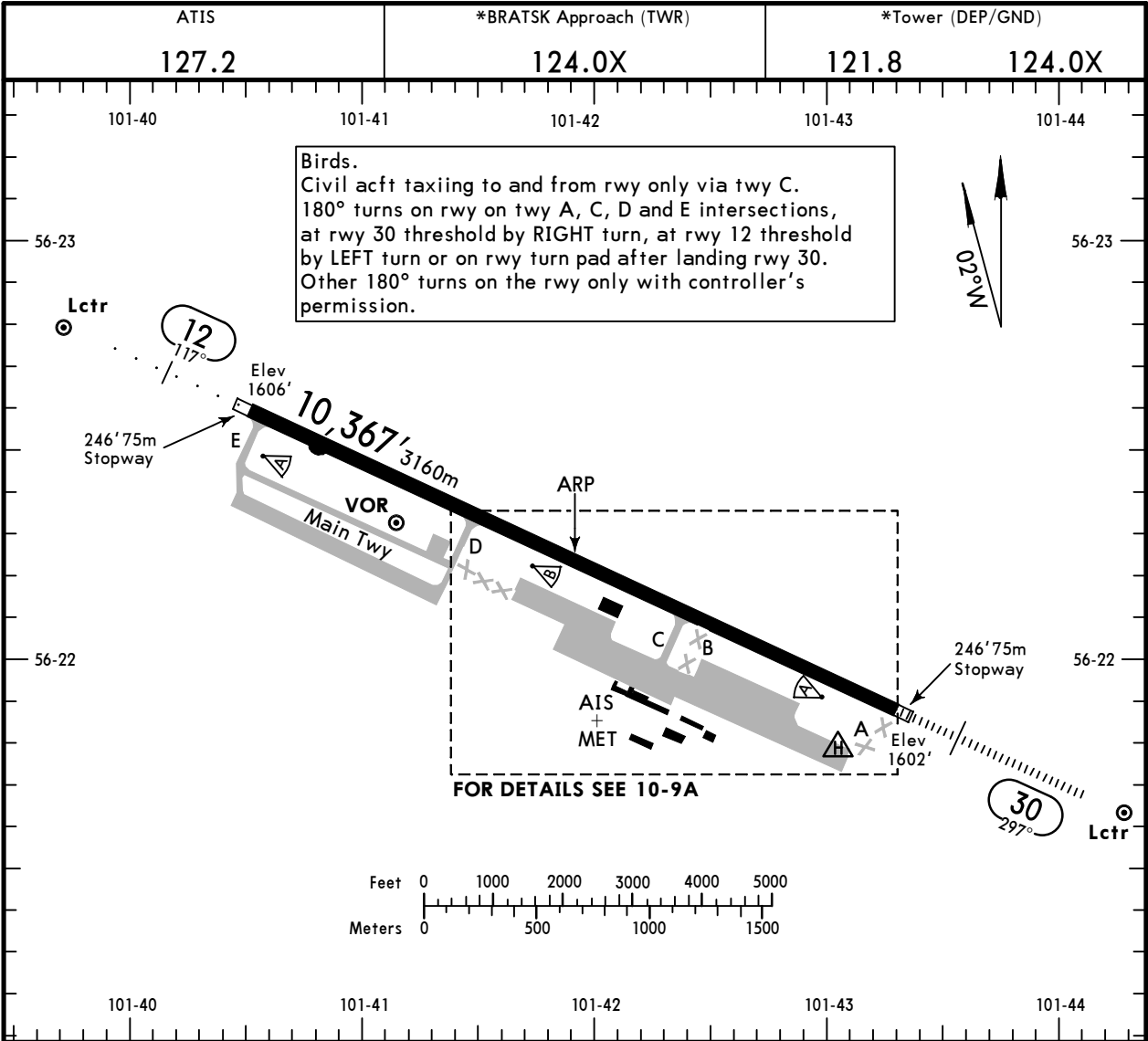
SID



UIBB/BTK
Apt Elev 1611'
N56 22.2 E101 41.9

JEPPESEN
15 FEB 19 (10-9) Eff 28 Feb

BRATSK, RUSSIA
BRATSK



ADDITIONAL RUNWAY INFORMATION						
RWY				USABLE LENGTHS		WIDTH
				LANDING BEYOND	TAKE-OFF	
				Threshold	Glide Slope	
12	HIRL (60m) ALS	RVR				197'
30	HIRL (60m) HIALS PAPI-L (3.00°)	RVR		9456'	2882m	60m

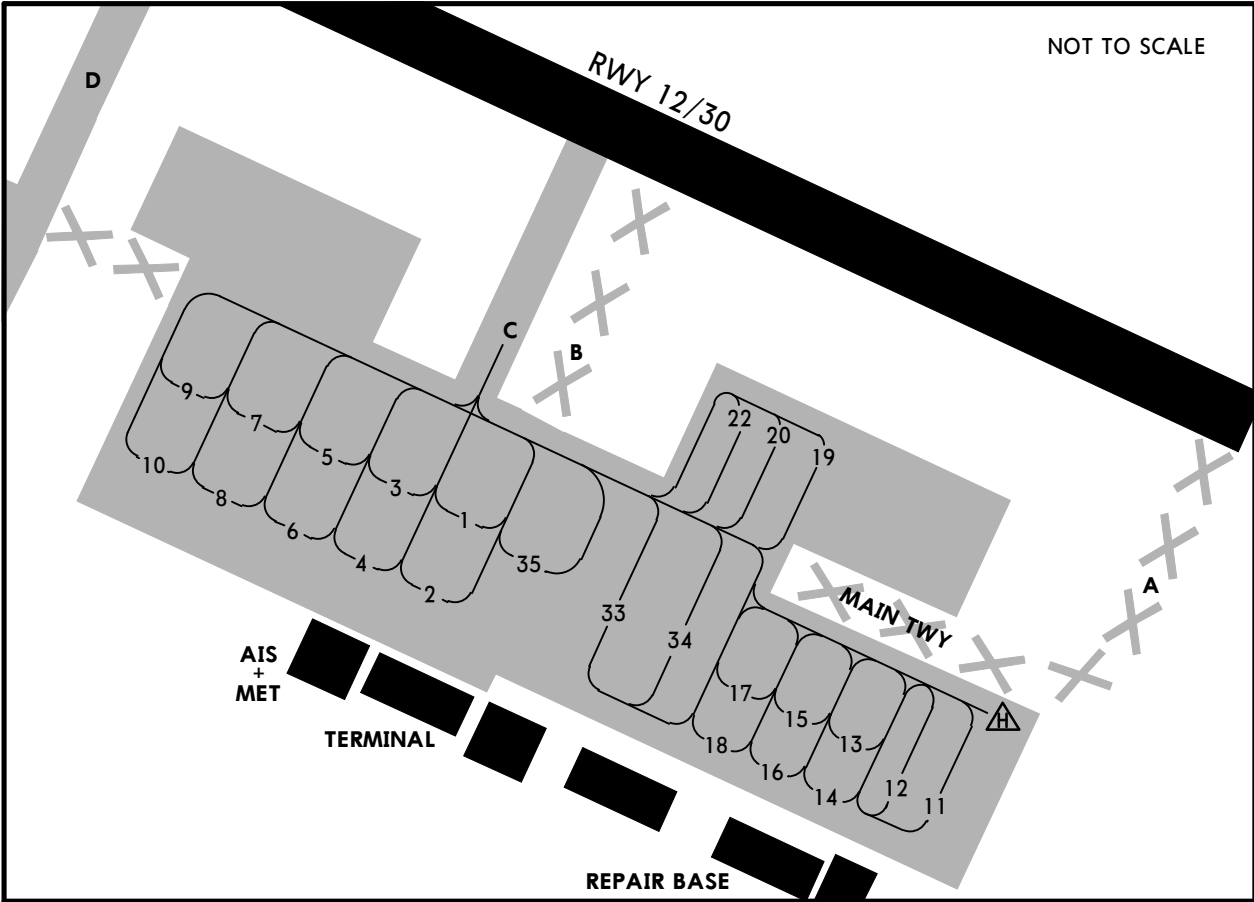
1 TAKE-OFF RUN AVAILABLE			
<u>RWY 12:</u>			
From rwy head	10,367' (3160m)	<u>RWY 30:</u>	
twy D int	6742' (2055m)	From rwy head	10,367' (3160m)
twy C int	3396' (1035m)	twy C int	6972' (2125m)
		twy D int	3625' (1105m)

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	400m
D	300m

UIBB/BTK

JEPPESEN
15 FEB 19 **10-9A** **Eff 28 Feb**

BRATSK, RUSSIA
BRATSK



INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
1	N56 22.0 E101 42.3	8, 9	N56 22.0 E101 42.0
2	N56 21.9 E101 42.3	10	N56 22.0 E101 41.9
3, 4	N56 22.0 E101 42.2		
5	N56 22.0 E101 42.1		
6, 7	N56 22.0 E101 42.1		

CAUTION: A 4° slope between Main Twy and stands 20 & 22.
Stands 13 thru 18 available for helicopters.
Acft movement shall be carried out under marshaller's supervision.
Taxiing along twy C and main twy between twy B and stand 9 only at reduced speed and strictly along taxi guide line.

LOW VISIBILITY PROCEDURE (LVP)

LVP is initiated by the ATS unit when RVR is less than 550m. The phraseology "Low visibility procedures in progress, check your minimum" will be included in the ATIS broadcast or used by ATS unit.

- When LVP is in force the following applies:
- landing and take-off shall be executed upon the decision of the pilot;
 - take-off not from rwy beginning is prohibited;
 - take-off without stopping at the line-up position is prohibited.

Arriving acft shall vacate the rwy as fast as possible and report the rwy vacation when acft is outside ILS critical area. Acft shall inform ATS controller about arrival on stand by using the phraseology "Acft callsign on stand...".

LVP is terminated when RVR is 550m or more.

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 **JEPPESSEN**
1 MAR 19 **10-9S**
Standard
BRATSK, RUSSIA
BRATSK

STRAIGHT-IN RWY	A	B	C	D
12 GLS	1806' (200')	1806' (200')	1806' (200')	1806' (200')
FULL	R1000m	R1000m	R1000m	R1000m
ALS out	R1200m	R1200m	R1200m	R1200m
① RNAV (GNSS)	1940' (334')	1940' (334')	1940' (334')	1940' (334')
LNAV	R1300m	R1300m	R1300m	R1300m
ALS out	R1500m	R1500m	R1500m	R1500m
① VOR	1960' (354')	1960' (354')	1960' (354')	1960' (354')
	R1400m	R1400m	R1400m	R1400m
ALS out	R1500m	R1500m	R1600m	R1600m
① 2 NDB	1960' (354')	1960' (354')	1960' (354')	1960' (354')
	R1400m	R1400m	R1400m	R1400m
ALS out	R1500m	R1500m	R1600m	R1600m
2 NDB	1960' (354')	1960' (354')	1960' (354')	1960' (354')
	R1600m	R1600m	R1800m	R1800m
ALS out	R1800m	R1800m	R2000m	R2000m
① GG NDB	1960' (354')	1960' (354')	1960' (354')	1960' (354')
	R1400m	R1400m	R1400m	R1400m
ALS out	R1500m	R1500m	R1600m	R1600m
GG NDB	1960' (354')	1960' (354')	1960' (354')	1960' (354')
	R1600m	R1600m	R1800m	R1800m
ALS out	R1800m	R1800m	R2000m	R2000m
① B Lctr	2070' (464')	2070' (464')	2070' (464')	2070' (464')
	R1500m	R1500m	R2000m	R2000m
	R1500m	R1500m	R2200m	R2200m

① Continuous Descent Final Approach.

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JEPPesen
1 MAR 19 **(10-9S)**
Standard
BRATSK, RUSSIA
BRATSK

STRAIGHT-IN RWY	A	B	C	D
30				
ILS	1802' (200')	1802' (200')	1802' (200')	1802' (200')
FULL	② R550m	② R550m	② R550m	② R550m
ALS out	R1200m	R1200m	R1200m	R1200m
GLS	1802' (200')	1802' (200')	1802' (200')	1802' (200')
FULL	② R550m	② R550m	② R550m	② R550m
ALS out	R1200m	R1200m	R1200m	R1200m
LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
① RNAV (GNSS)	1960' (358')	1960' (358')	1960' (358')	1960' (358')
LNAV	R900m	R900m	R900m	R900m
ALS out	R1500m	R1500m	R1600m	R1600m
① VOR	1950' (348')	1950' (348')	1950' (348')	1950' (348')
	R900m	R900m	R900m	R900m
ALS out	R1500m	R1500m	R1600m	R1600m
① ③ 2 NDB or NDB	1950' (348')	1950' (348')	1950' (348')	1950' (348')
	R900m	R900m	R900m	R900m
ALS out	R1500m	R1500m	R1600m	R1600m
④ 2 NDB or NDB	2980' (1378')	2980' (1378')	2980' (1378')	2980' (1378')
	R5000m	R5000m	R5000m	R5000m

① Continuous Descent Final Approach.

② W/o HUD/AP/FD: RVR 750m.

③ With FAF.

④ W/o FAF.

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT⑥
	2240' (629')	2610' (999')	2710' (1099')	2710' (1099')
	V1500m⑤	V1600m⑤	V2400m⑤	V3600m⑤

⑤ or higher minimums of preceding straight-in approach.

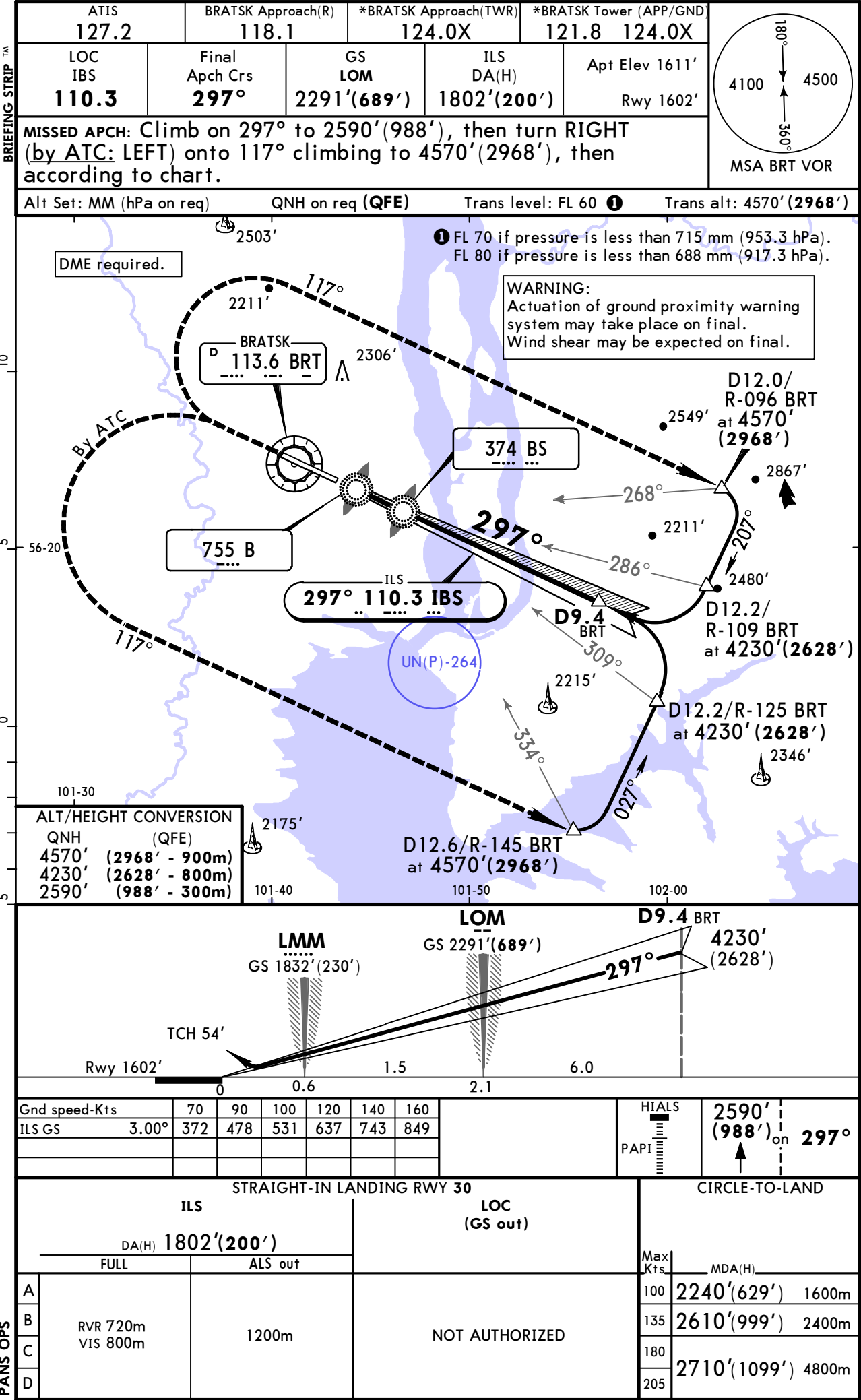
⑥ After RNAV (LNAV) 12/30, GLS 12/30: Circling restricted to MAX 180 KT.

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

UIBB/BTK
BRATSK

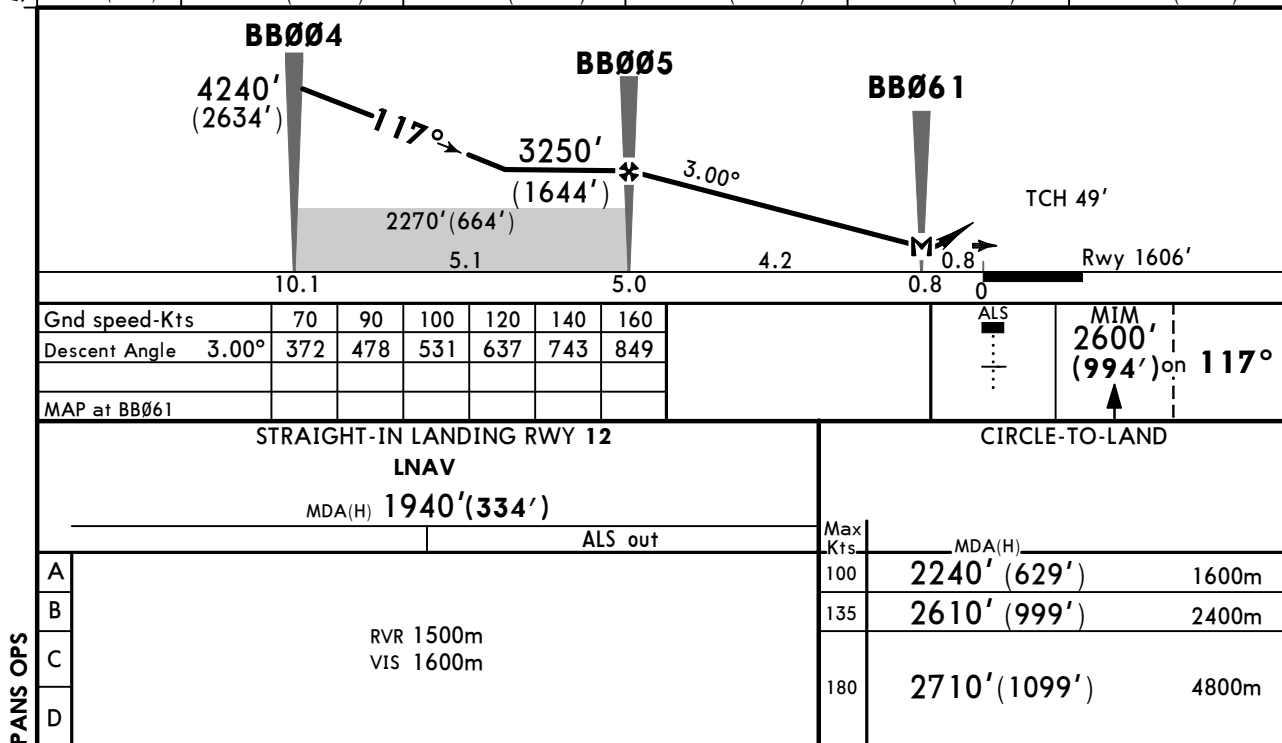
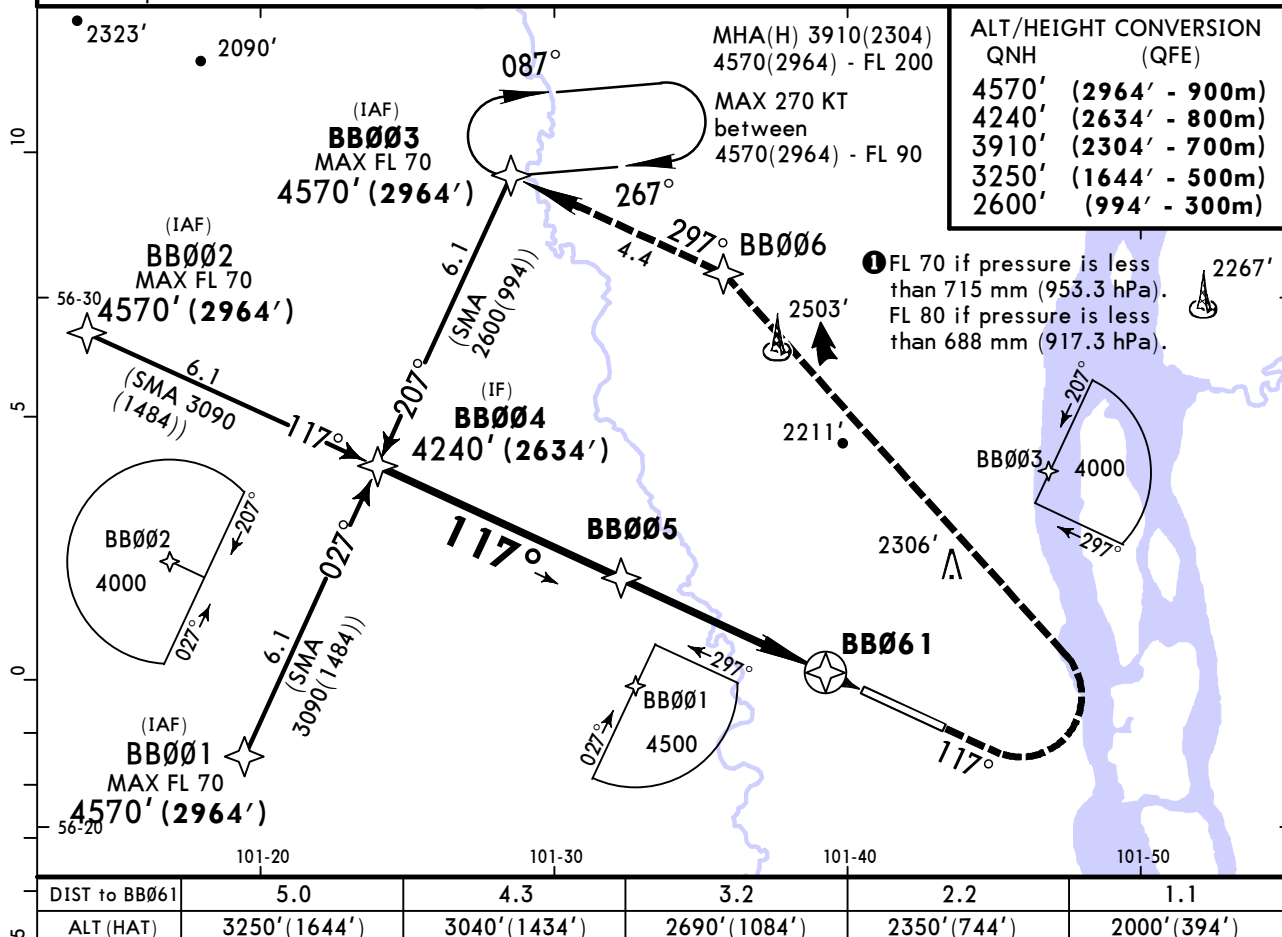
JEPPESSEN
15 FEB 19 11-1 Eff 28 Feb

BRATSK, RUSSIA
ILS Rwy 30



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BRATSK
JEPPESSEN
 15 FEB 19 **(12-1)** **Eff 28 Feb**
BRATSK, RUSSIA
RNAV (GNSS) Rwy 12

ATIS 127.2	BRATSK Approach(R) 118.1	*BRATSK Approach(TWR) 124.0X	*BRATSK Tower (APP/GND) 121.8 124.0X	
RNAV	Final Apch Crs 117°	Procedure Alt BB005 3250'(1644')	LNAV MDA(H) 1940'(334')	Apt Elev 1611' Rwy 1606'
TAA 25 NM IAF/IF				
MISSED APCH: Climb on 117° to 2600'(994') or above, then turn LEFT (MAX 230KT) to BB006, then to BB003 climbing to 4570'(2964') or above, then according to chart or to holding.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 1 Trans alt: 4570'(2964')				
RNP apch.				
GNSS required.				



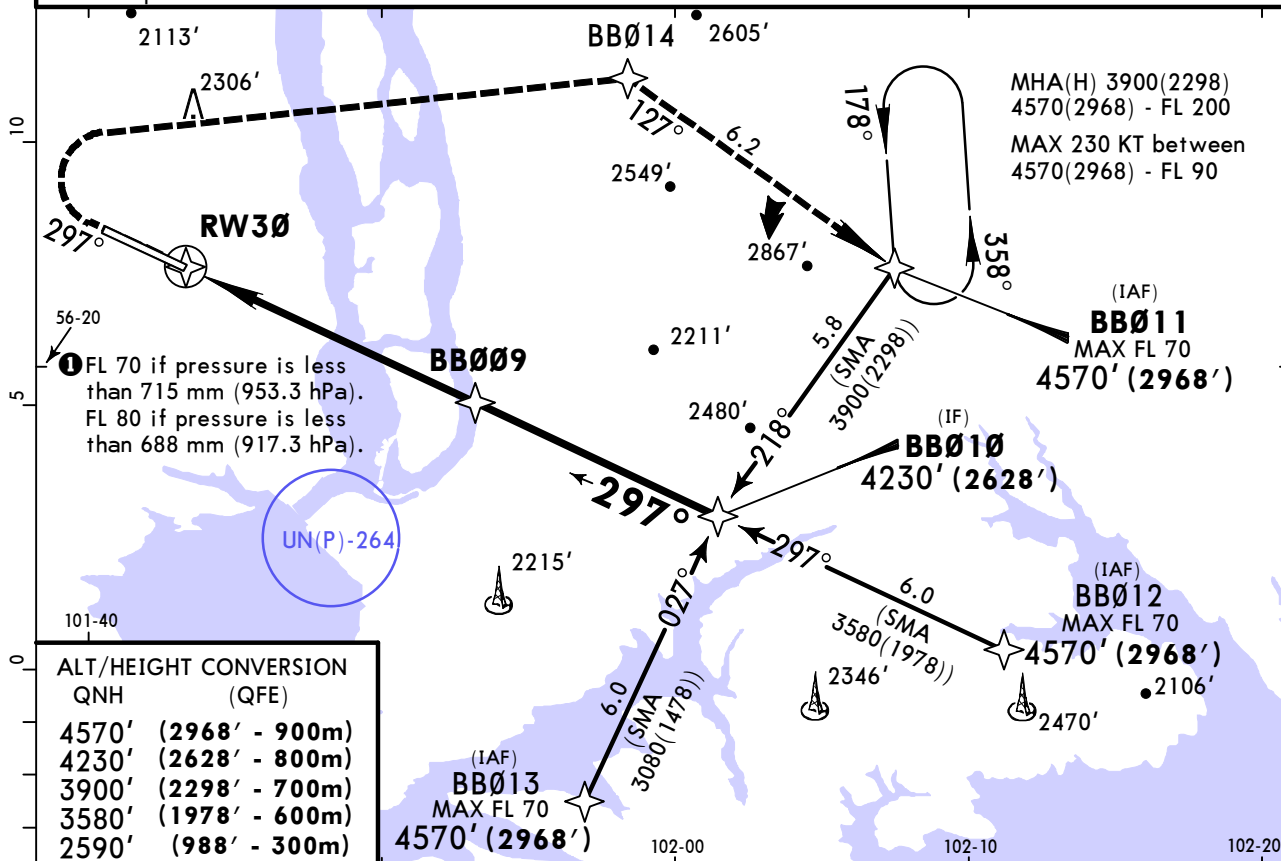
CHANGES: New procedure.

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 15 FEB 19 **(12-2)** Eff 28 Feb

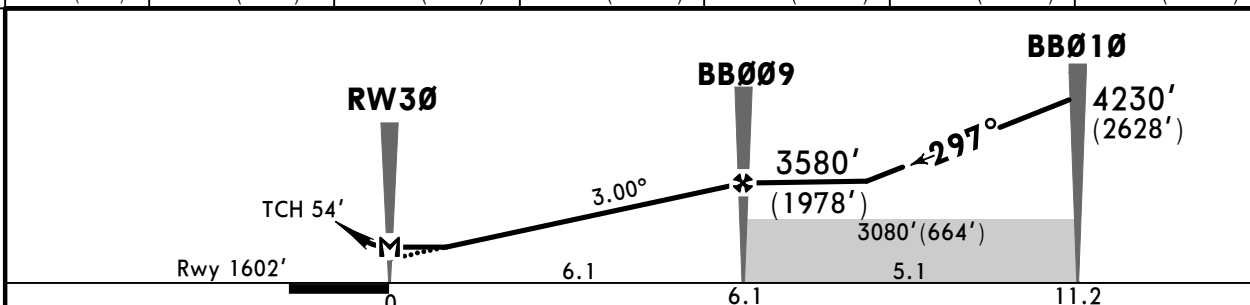
BRATSK, RUSSIA
RNAV (GNSS) Rwy 30

ATIS 127.2	BRATSK Approach(R) 118.1	*BRATSK Approach(TWR) 124.0X	*BRATSK Tower (APP/GND) 121.8 124.0X		
RNAV	Final Apch Crs 297°	Procedure Alt BB009 3580'(1978')	LNAV MDA(H) 1960'(358')		Apt Elev 1611' Rwy 1602'
MISSED APCH: Climb on 297° to 2590'(988') or above, then turn RIGHT (MAX 250 KT) to BB014, then to BB011 climbing to 4570' (2968') or above, then according to chart or to holding.					4000 MSA ARP
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 1 Trans alt: 4570'(2968') RNP apch. GNSS required.					



ALT/HEIGHT CONVERSION	QNH	(QFE)
4570'	(2968' - 900m)	
4230'	(2628' - 800m)	
3900'	(2298' - 700m)	
3580'	(1978' - 600m)	
2590'	(988' - 300m)	

DIST to RW30	1.1	2.2	3.2	4.3	5.4	6.0
ALT (HAT)	2000'(398')	2350'(748')	2690'(1088')	3030'(1428')	3360'(1758')	3580'(1978')



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	MIM 2590' (988') on 297°
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at RW30								

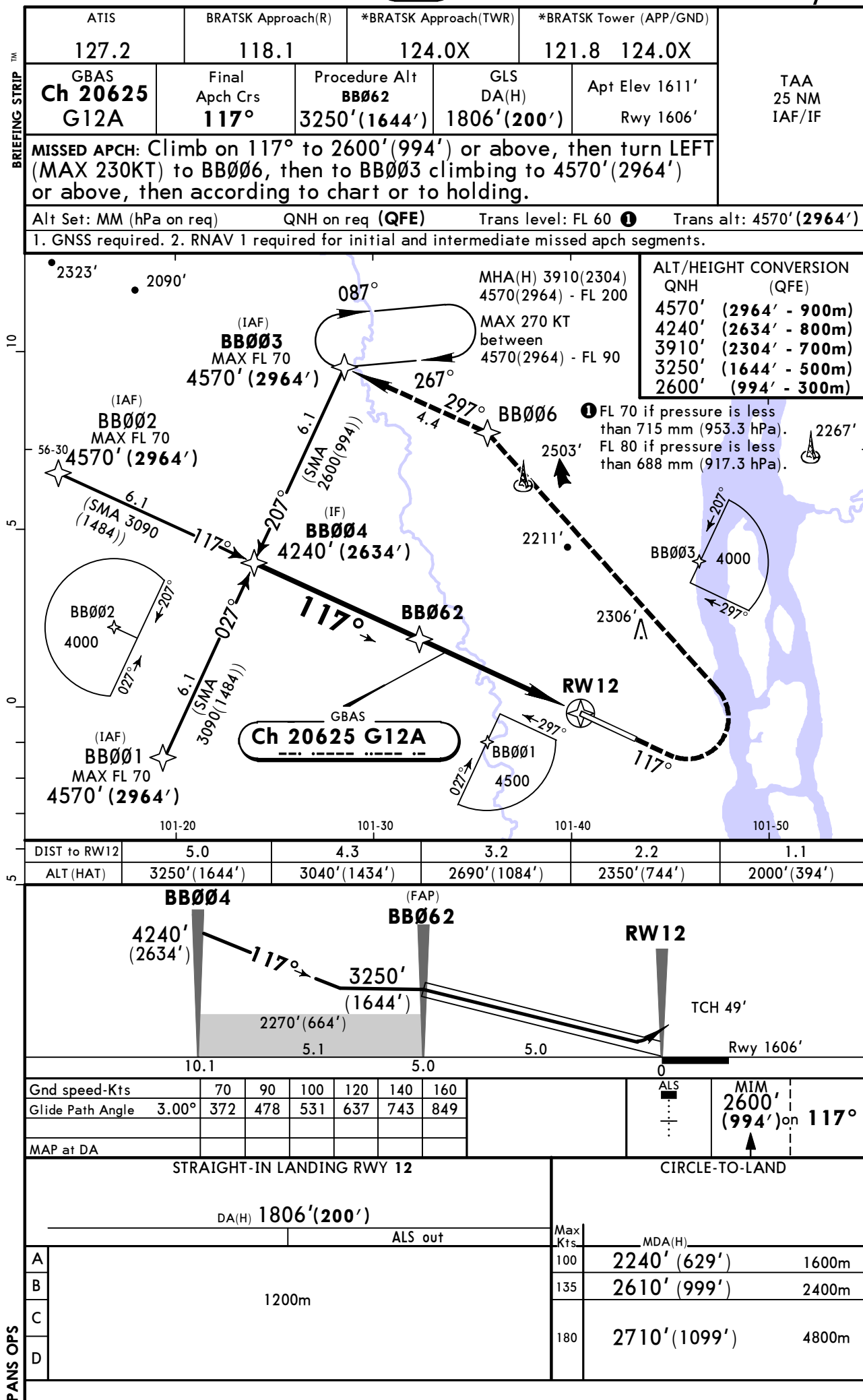
STRAIGHT-IN LANDING RWY 30				CIRCLE-TO-LAND				
LNAV								
MDA(H) 1960'(358')								
		ALS out		Max Kts	MDA(H)			
A	RVR 720m VIS 800m		RVR 1500m VIS 1600m		100	2240' (629')		1600m
135					2610' (999')		2400m	
C								
D	RVR 1500m VIS 1600m		RVR 1800m VIS 2000m		180	2710' (1099')		4800m

CHANGES: New procedure.

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UIBB/BTK
BRATSK

15 FEB 19

12-40
Eff 28 Feb
BRATSK, RUSSIA
GLS Rwy 12


CHANGES: New procedure.

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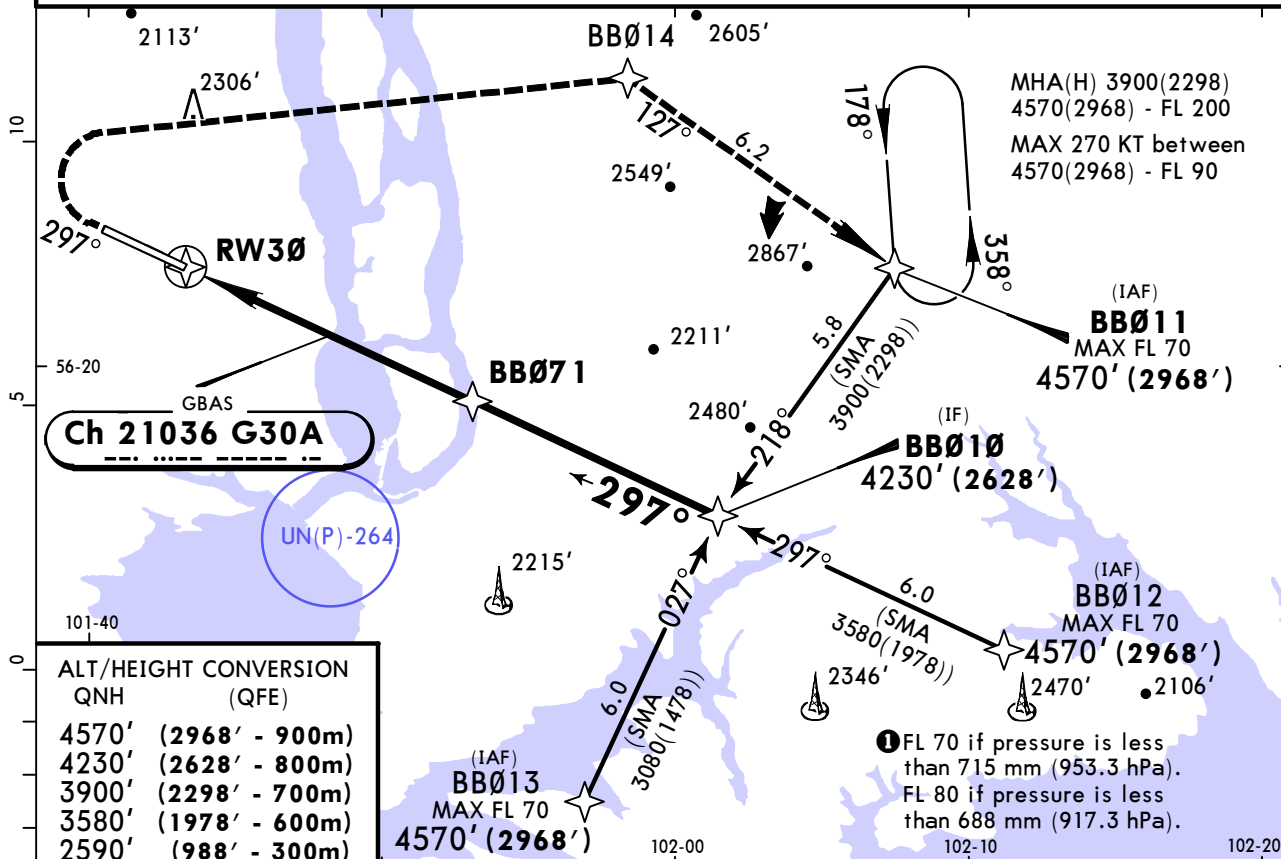
UIBB/BTK
BRATSK

15 FEB 19

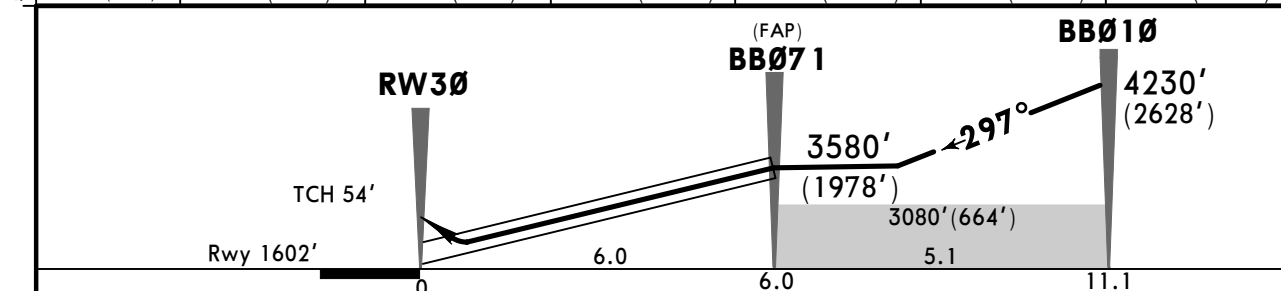
12-41
Eff 28 Feb
BRATSK, RUSSIA
GLS Rwy 30

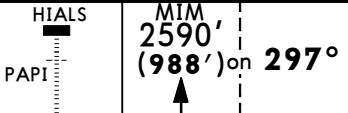
BRIEFING STRIP

ATIS 127.2	BRATSK Approach(R) 118.1	*BRATSK Approach(TWR) 124.0X	*BRATSK Tower (APP/GND) 121.8 124.0X	4000 MSA ARP	
GBAS Ch 21036 G30A	Final Apch Crs 297°	Procedure Alt BB071 3580'(1978')	GLS DA(H) 1802'(200')		Apt Elev 1611' Rwy 1602'
MISSED APCH: Climb on 297° to 2590'(988') or above, then turn RIGHT (MAX 250 KT) to BB014, then to BB011 climbing to 4570' (2968') or above, then according to chart or to holding.					
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 1 Trans alt: 4570'(2968')					
1. GNSS required. 2. RNAV 1 required for initial and intermediate missed apch segments.					



DIST to RW30	1.1	2.2	3.2	4.3	5.4	6.0
ALT (HAT)	2000'(398')	2350'(748')	2690'(1088')	3030'(1428')	3360'(1758')	3580'(1978')



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

STRAIGHT-IN LANDING RWY 30				CIRCLE-TO-LAND			
DA(H) 1802'(200')				Max Kts	MDA(H)		
ALS out				100	2240' (629')	1600m	
RVR 720m VIS 800m				135	2610' (999')	2400m	
1200m				180	2710' (1099')	4800m	

CHANGES: New procedure.

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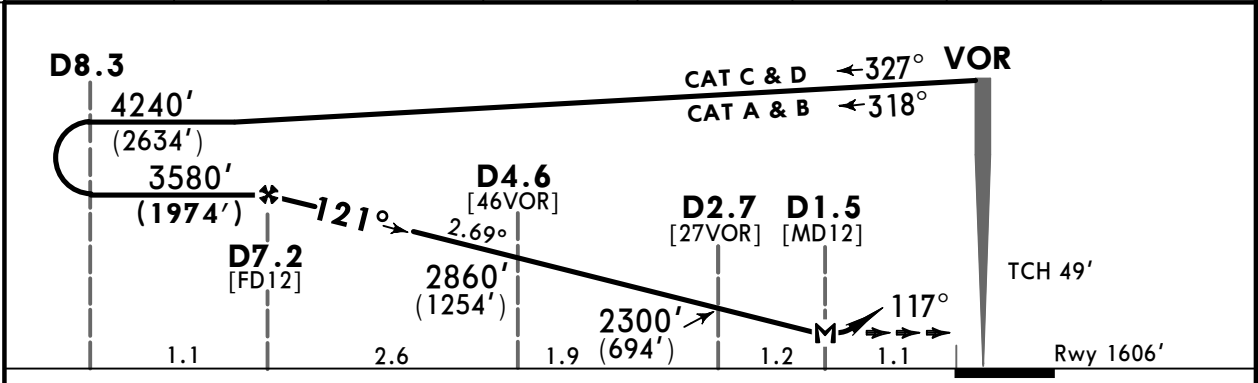
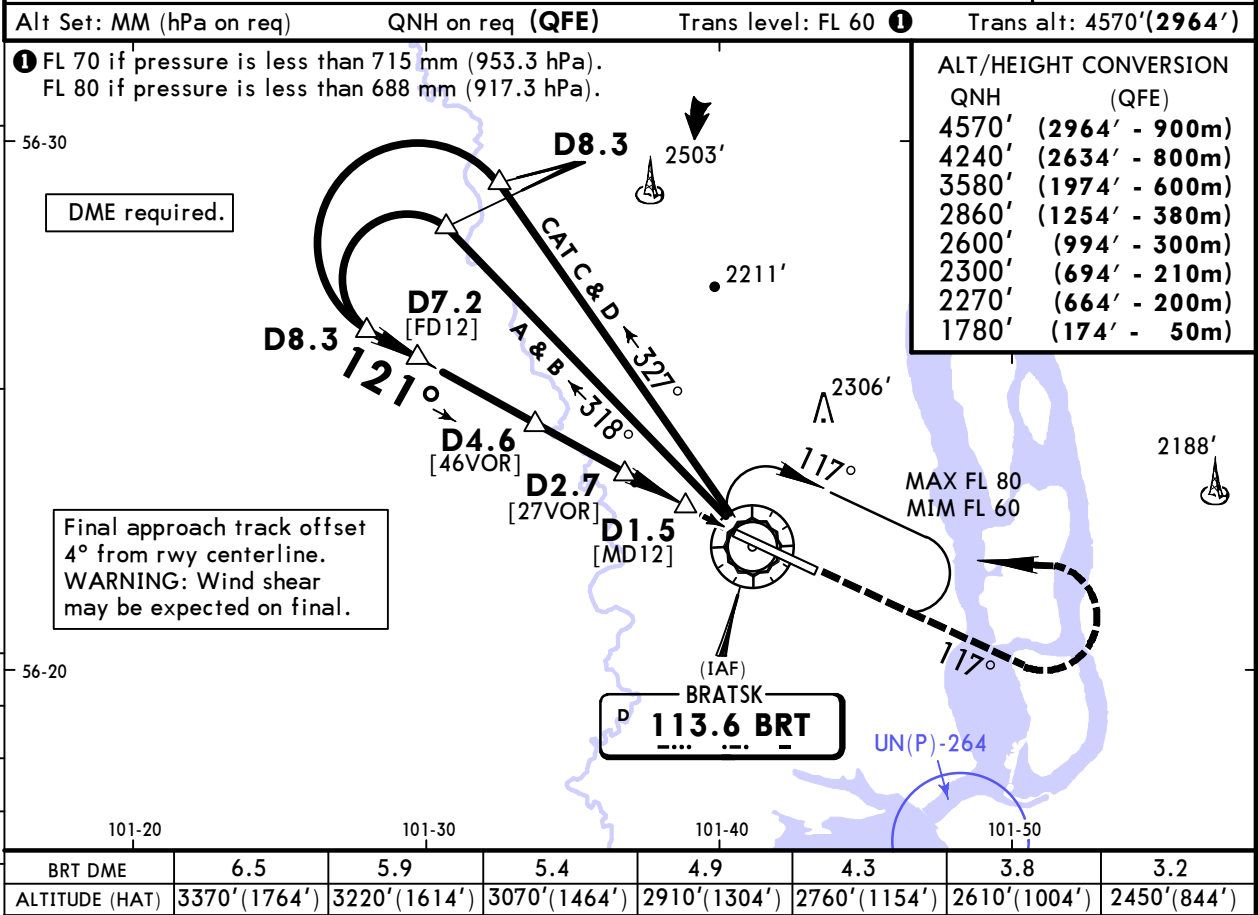
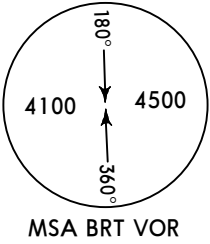
UIBB/BTK
BRATSK

JEPPESSEN
15 FEB 19 **(13-1)** Eff 28 Feb

BRATSK, RUSSIA
VOR Rwy 12

ATIS		BRATSK Approach(R)		*BRATSK Approach(TWR)		*BRATSK Tower (APP/GND)	
127.2		118.1		124.0X		121.8 124.0X	
VOR BRT 113.6		Final Apch Crs 121°		Minimum Alt D7.2 3580'(1974')		MDA(H) 1960'(354')	
						Apt Elev 1611' Rwy 1606'	
MISSED APCH: Climb on 117° to CAT A & B: 2270' (664')/CAT C & D: 2600'(994'), then turn LEFT climbing to 4570' (2964') to VOR, then according to chart, or as directed.							

MSA BRT VOR



Gnd speed-Kts	70	90	100	120	140	160	ALS ↑ 117°
Descent Angle	2.69°	333	428	476	571	761	
MAP at D1.5							

STRAIGHT-IN LANDING RWY 12				CIRCLE-TO-LAND			
MDA(H) 1960'(354')				Max Kts			
ALS out				MDA(H)			
A B C D	RVR 1800m VIS 2000m			100	2240'(629')	1600m	
				135	2610'(999')	2400m	
				180	2710'(1099')	4800m	
				205			

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BRATSK

JEPPESSEN
15 FEB 19 (13-2) Eff 28 Feb

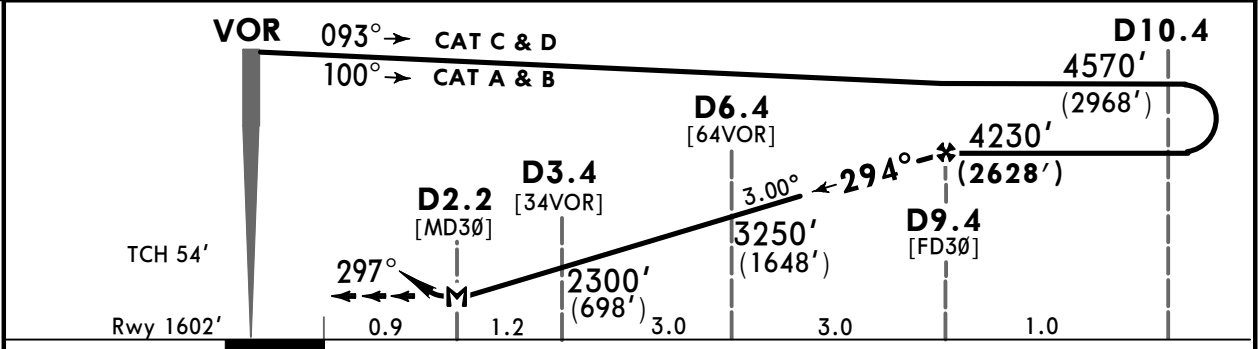
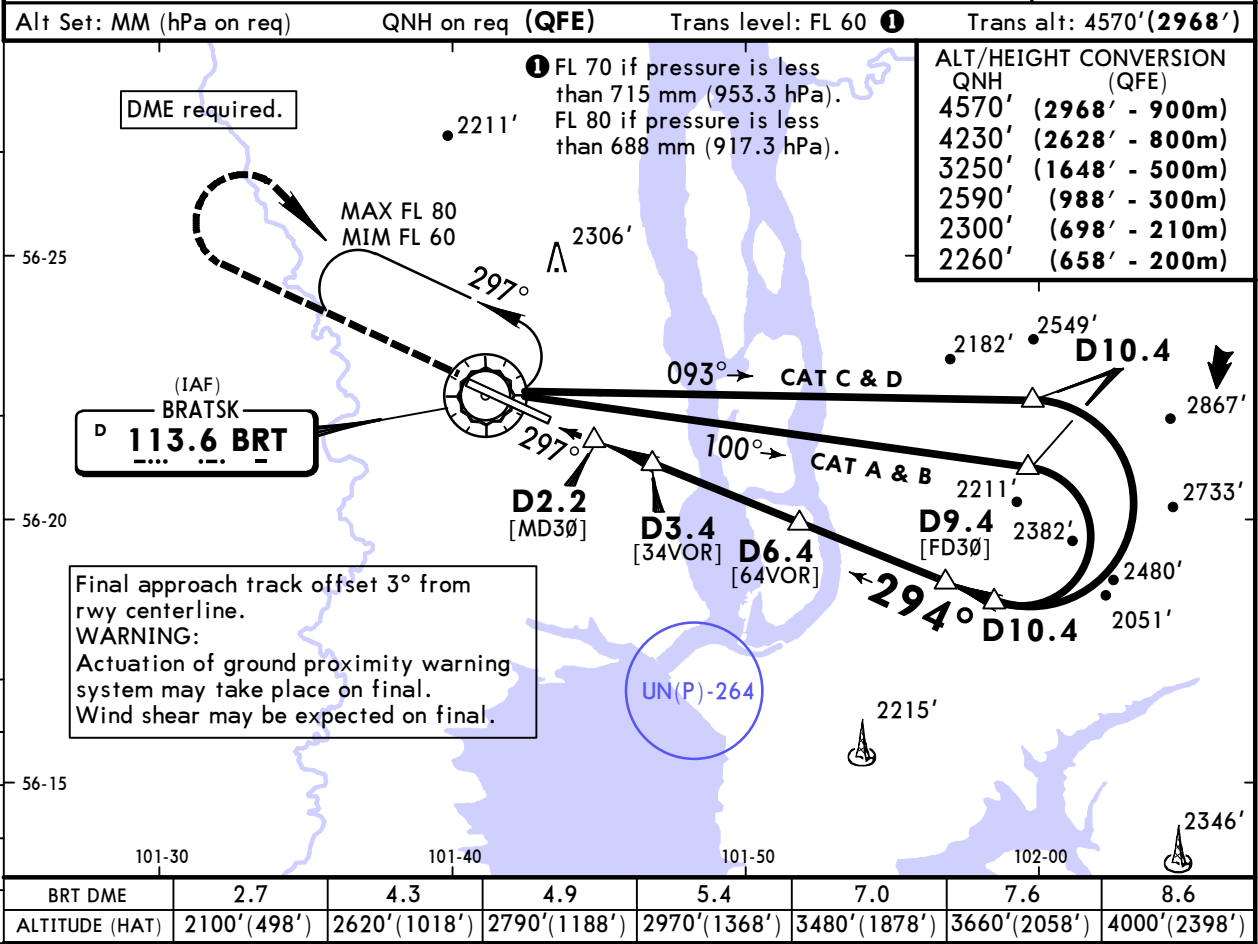
BRATSK, RUSSIA
VOR Rwy 30

ATIS	BRATSK Approach(R)	*BRATSK Approach(TWR)	*BRATSK Tower (APP/GND)	
127.2	118.1	124.0X	121.8 124.0X	
VOR BRT 113.6	Final Apch Crs 294°	Minimum Alt D9.4 4230'(2628')	MDA(H) 1950'(348')	Apt Elev 1611' Rwy 1602'
MISSED APCH: Climb on 297° to CAT A & B: 2260' (658')/CAT C & D: 2590'(988'), then turn RIGHT climbing to 4570' (2968') to VOR, then according to chart, or as directed.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 ① Trans alt: 4570'(2968')				

① FL 70 if pressure is less than 715 mm (953.3 hPa).
FL 80 if pressure is less than 688 mm (917.3 hPa).

ALT/HEIGHT CONVERSION
QNH (QFE)
4570' (2968' - 900m)
4230' (2628' - 800m)
3250' (1648' - 500m)
2590' (988' - 300m)
2300' (698' - 210m)
2260' (658' - 200m)

180°
4100
360°
4500
MSA BRT VOR

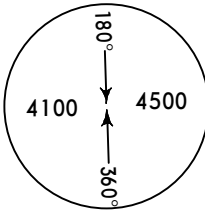


Gnd speed-Kts	70	90	100	120	140	160		HIALS	297°
Descent Angle 3.00°	372	478	531	637	743	849		PAPI	↑
MAP at D2.2									

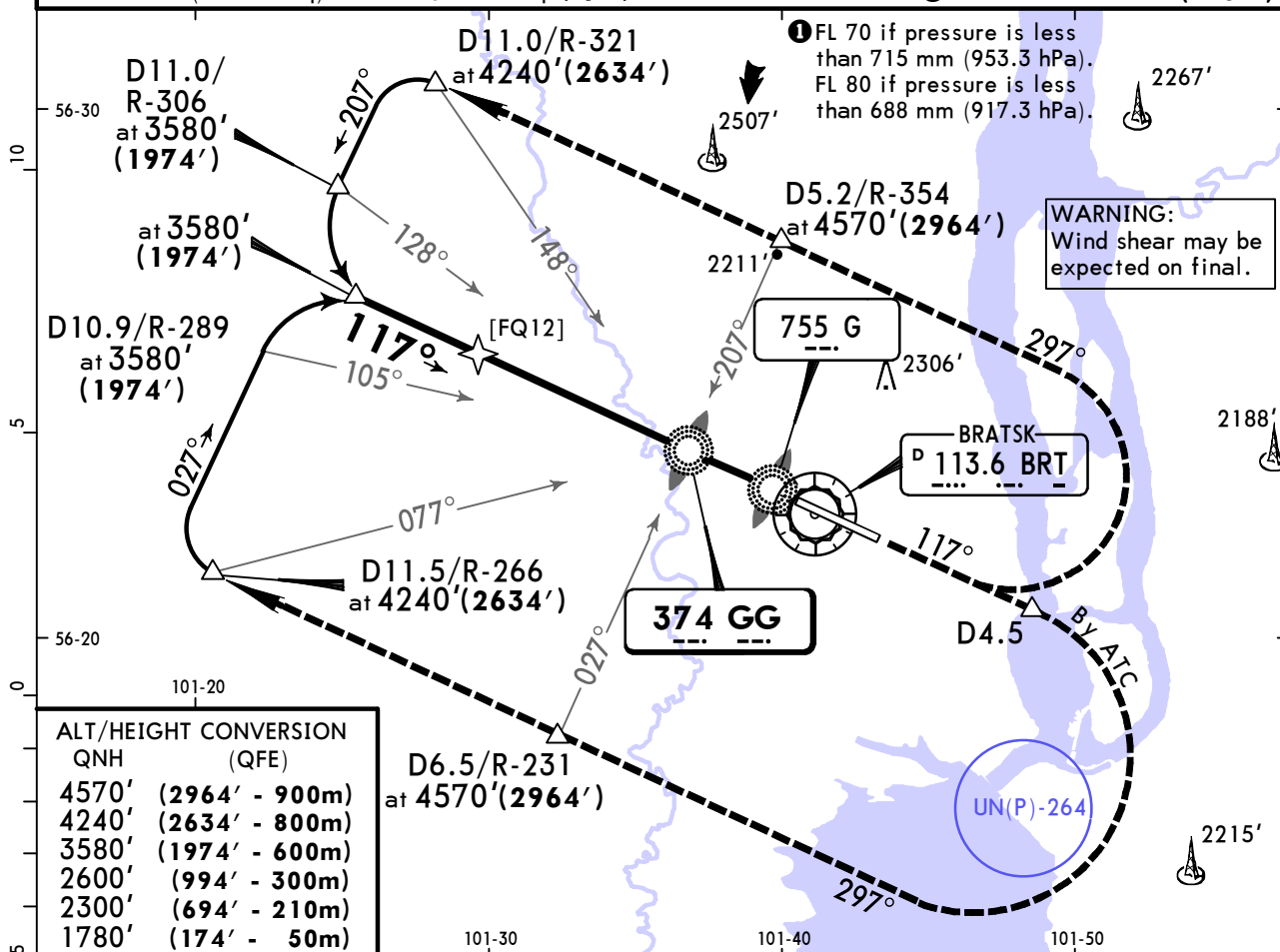
STRAIGHT-IN LANDING RWY 30			CIRCLE-TO-LAND		
MDA(H) 1950'(348')					
		ALS out	Max Kts	MDA(H)	
A	RVR 720m VIS 800m	RVR 1500m VIS 1600m	100	2240'(629')	1600m
B			135	2610'(999')	2400m
C			180	2710'(1099')	4800m
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	205		

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 15 MAR 19 **(16-1)** Eff 28 Mar

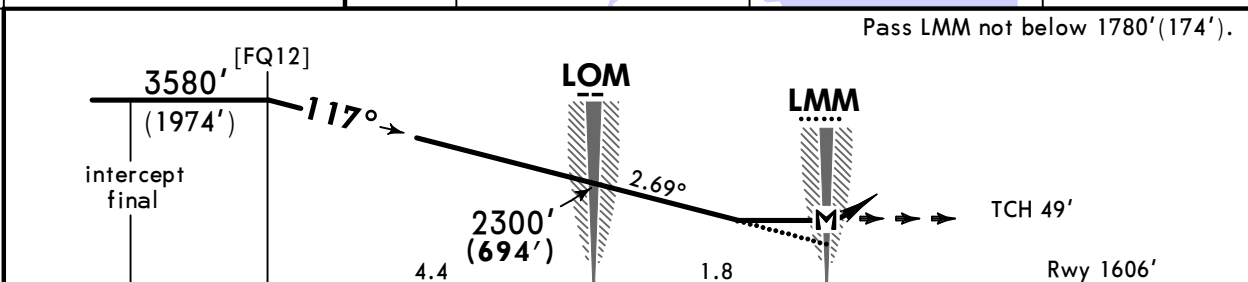
BRATSK, RUSSIA
2 NDB or NDB Rwy 12

BRIEFING STRIP ™	ATIS		BRATSK Approach(R)		*BRATSK Approach(TWR)		*BRATSK Tower (APP/GND)		 MSA BRT VOR
	127.2		118.1		124.0X		121.8 124.0X		
	NDB GG 374	Final Apch Crs 117°	Minimum Alt LOM 2300'(694')	MDA(H) Refer to Minimums	Apt Elev 1611' Rwy 1606'				
	MISSED APCH: Climb on 117° to 2600'(994'), then turn LEFT (By ATC: RIGHT not before D4.5) onto 297° climbing to 4570'(2964'), then according to chart.								

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 1 Trans alt: 4570'(2964')



ALT/HEIGHT CONVERSION	QNH	(QFE)
4570'	(2964' - 900m)	
4240'	(2634' - 800m)	
3580'	(1974' - 600m)	
2600'	(994' - 300m)	
2300'	(694' - 210m)	
1780'	(174' - 50m)	



2.3							0.5		0	
Gnd speed-Kts	70	90	100	120	140	160				
Descent Angle 2.69°	333	428	476	571	666	761				
2 NDB: MAP at LMM										
									2600' (994') on 117°	

STRAIGHT-IN LANDING RWY 12				CIRCLE-TO-LAND			
2 NDB		GG NDB					
MDA(H) 1960'(354')		MDA(H) 1960'(354')					
ALS out		ALS out		Max Kts	MDA(H)		
A				100	2240' (629')	1600m	
B	RVR 1500m VIS 1600m			135	2610' (999')	2400m	
C				180	2710' (1099')	4800m	
D	RVR 1800m VIS 2000m			205			

CHANGES: None.

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UIBB/BTK
BRATSK

JEPPESSEN
15 MAR 19
Eff 28 Mar 16-2

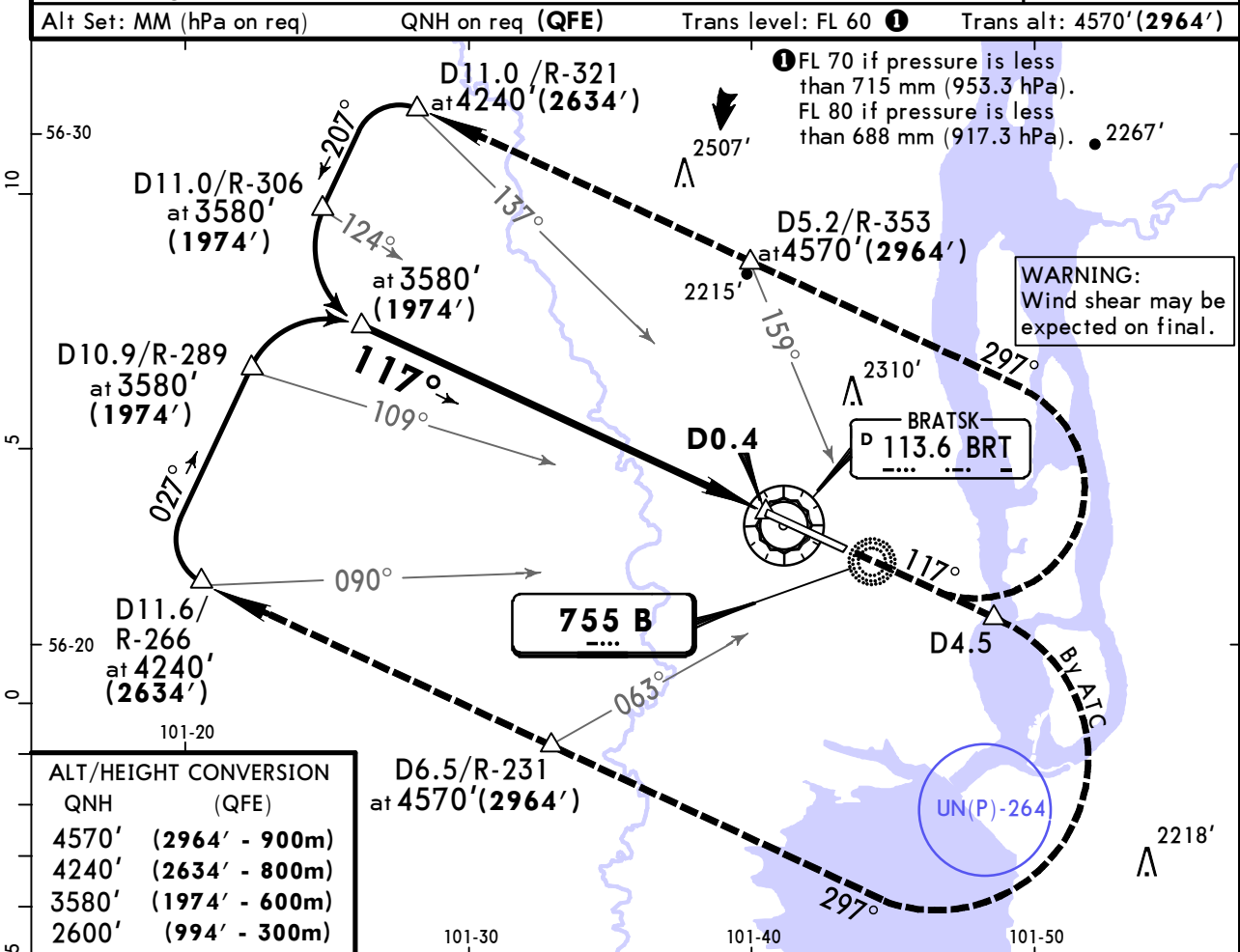
BRATSK, RUSSIA
(based on B NDB) NDB Rwy 12

ATIS	BRATSK Approach(R)	*BRATSK Approach(TWR)	*BRATSK Tower (APP/GND)
127.2	118.1	124.0X	121.8 124.0X
Lctr B 755	Final Apch Crs 117°	No FAF	MDA(H) 2070'(464')
			Apt Elev 1611' Rwy 1606'

BRIEFING STRIP™

MISSED APCH: Climb on 117° to 2600'(994'), then turn LEFT (By ATC: RIGHT not before D4.5) onto 297° climbing to 4570'(2964'), then according to chart.

MSA BRT VOR



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 2.67°	331	425	472	567	661	756
MAP at D0.4						

ALS

2600' (994') on 117°

STRAIGHT-IN LANDING RWY 12			CIRCLE-TO-LAND		
MDA(H) 2070'(464')			MDA(H)		
ALS out			Max Kts		
A	RVR 1500m		100	2240' (629')	1600m
B	VIS 1600m		135	2610' (999')	2400m
C	2000m		180		
D	2400m		205	2710' (1099')	4800m

UIBB/BTK
BRATSK
JEPPESSEN
 15 MAR 19
 Eff 28 Mar **(16-3)**
BRATSK, RUSSIA
2 NDB or NDB Rwy 30

ATIS 127.2	BRATSK Approach(R) 118.1	*BRATSK Approach(TWR) 124.0X	*BRATSK Tower (APP/GND) 121.8 124.0X
NDB BS 374	Final Apch Crs 297°	Minimum Alt D9.4 4230' (2628')	MDA(H) Refer to Minimums Apt Elev 1611' Rwy 1602'

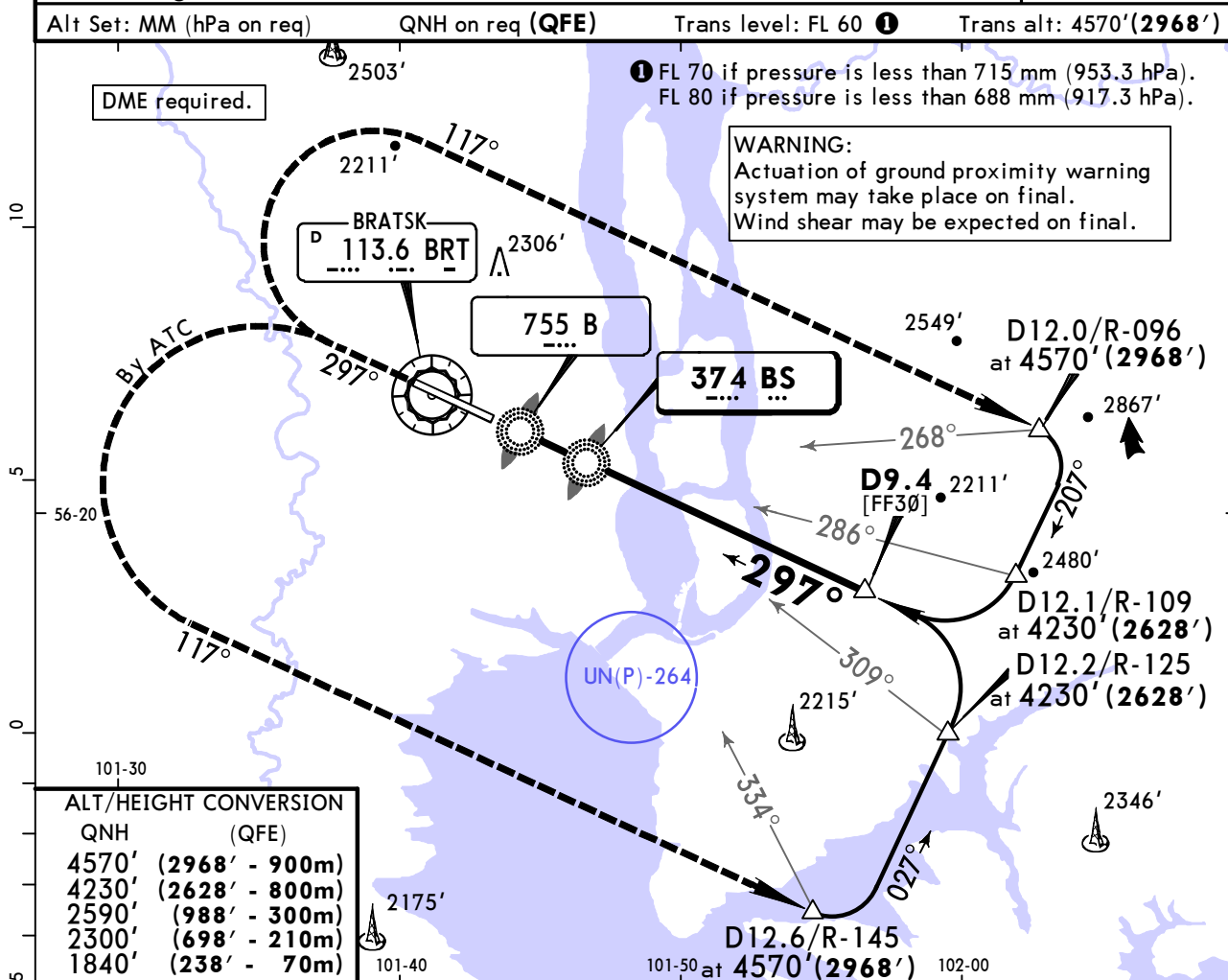
MISSED APCH: Climb on 297° to 2590' (988'), then turn RIGHT (by ATC: LEFT) onto 117° climbing to 4570' (2968'), then according to chart.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 60 ① Trans alt: 4570' (2968')

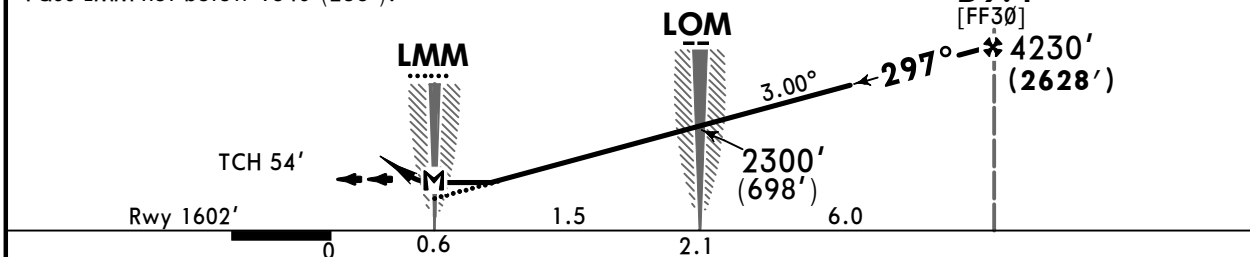
① FL 70 if pressure is less than 715 mm (953.3 hPa).
FL 80 if pressure is less than 688 mm (917.3 hPa).

WARNING:
Actuation of ground proximity warning system may take place on final.
Wind shear may be expected on final.

MSA BRT VOR



Pass LMM not below 1840' (238').



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

2 NDB: MAP at LMM

STRAIGHT-IN LANDING RWY 30				CIRCLE-TO-LAND	
2 NDB		BS NDB			
with FAF MDA(H)	ALS out	w/o FAF MDA(H)	ALS out	Max Kts	MDA(H)
1950' (348')		2980' (1378')		100	2240' (629') 1600m
				135	2610' (999') 2400m
				180	2710' (1099') 4800m
				205	

① After apch w/o FAF: MDA(H) 2980' (1369') VIS CAT AB 3200m.

CHANGES: Note added.

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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
BRATSK, (BRATSK - UIBB)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UIBB