

Page 1**Changed chart(s) since Disc 04-2011****ADD = Added chart, REV = Revised chart, DEL = Deleted chart.**

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
Bratsk, (Bratsk - UIBB)				
REV	RWY 12 ARRS (FROM NORTH)	10-2	25 ôââ 2011	10 àö 2011
REV	RWY 30 ARRS (FROM NORTH)	10-2A	25 ôââ 2011	10 àö 2011
REV	RWY 12 ARRS (FROM EAST)	10-2B	25 ôââ 2011	10 àö 2011
REV	RWY 30 ARRS (FROM EAST)	10-2C	25 ôââ 2011	10 àö 2011
REV	RWY 12 ARRS (FROM SOUTH)	10-2D	25 ôââ 2011	10 àö 2011
REV	RWY 30 ARRS (FROM SOUTH)	10-2E	25 ôââ 2011	10 àö 2011
REV	RWY 12 ARRS (FROM WEST)	10-2F	25 ôââ 2011	10 àö 2011
REV	RWY 30 ARRS (FROM WEST)	10-2G	25 ôââ 2011	10 àö 2011
REV	AIRPORT, PARKING, AIRPORT I...	10-9	25 ôââ 2011	10 àö 2011
REV	STANDARD MNMS	10-9S	25 ôââ 2011	10 àö 2011
REV	JAA MNMS	10-9X	25 ôââ 2011	10 àö 2011
REV	ILS OR 2 NDB RWY 30	11-1	25 ôââ 2011	10 àö 2011
REV	VOR DME RWY 12	13-1	25 ôââ 2011	10 àö 2011
REV	VOR DME RWY 30	13-2	25 ôââ 2011	10 àö 2011
REV	2 NDB RWY 12	16-1	25 ôââ 2011	10 àö 2011
REV	NDB RWY 12	16-2	25 ôââ 2011	10 àö 2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UIBB

General Info

Bratsk, RUS

N 56° 22.2' E101° 41.9' Mag Var: 0.0°W

Elevation: 1610'

Public, IFR, Control Tower, Customs

Fuel: Jet A-1

Repairs: Major Airframe, Major Engine

Time Zone Info: GMT+8:00 uses DST

Runway Info

Runway 12-30 10367' x 197' concrete

Runway 12 (116.0°M) TDZE 1606'

Lights: Edge, ALS

Stopway Distance 246'

Runway 30 (296.0°M) TDZE 1602'

Lights: Edge, ALS

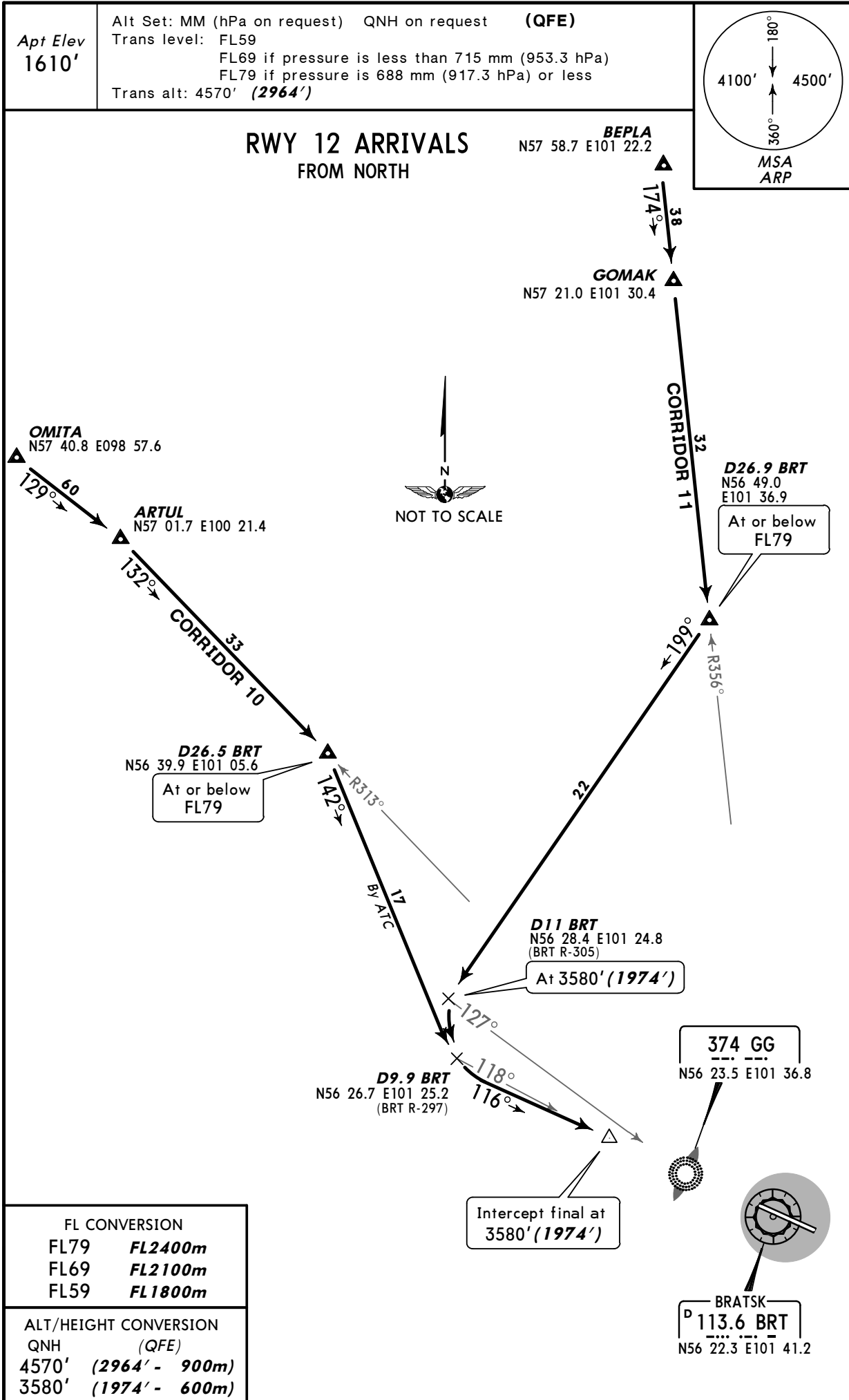
Stopway Distance 246'

Communications InfoBratsk Tower **118.1**Bratsk Ground Control **121.8**Bratsk Approach Control **118.1**Bratsk Krug Radar **118.1**Unknown **127.2** Non-English**Notebook Info**

UIBB/BTK
BRATSK

JEPPESSEN
19 NOV 10 **10-2**

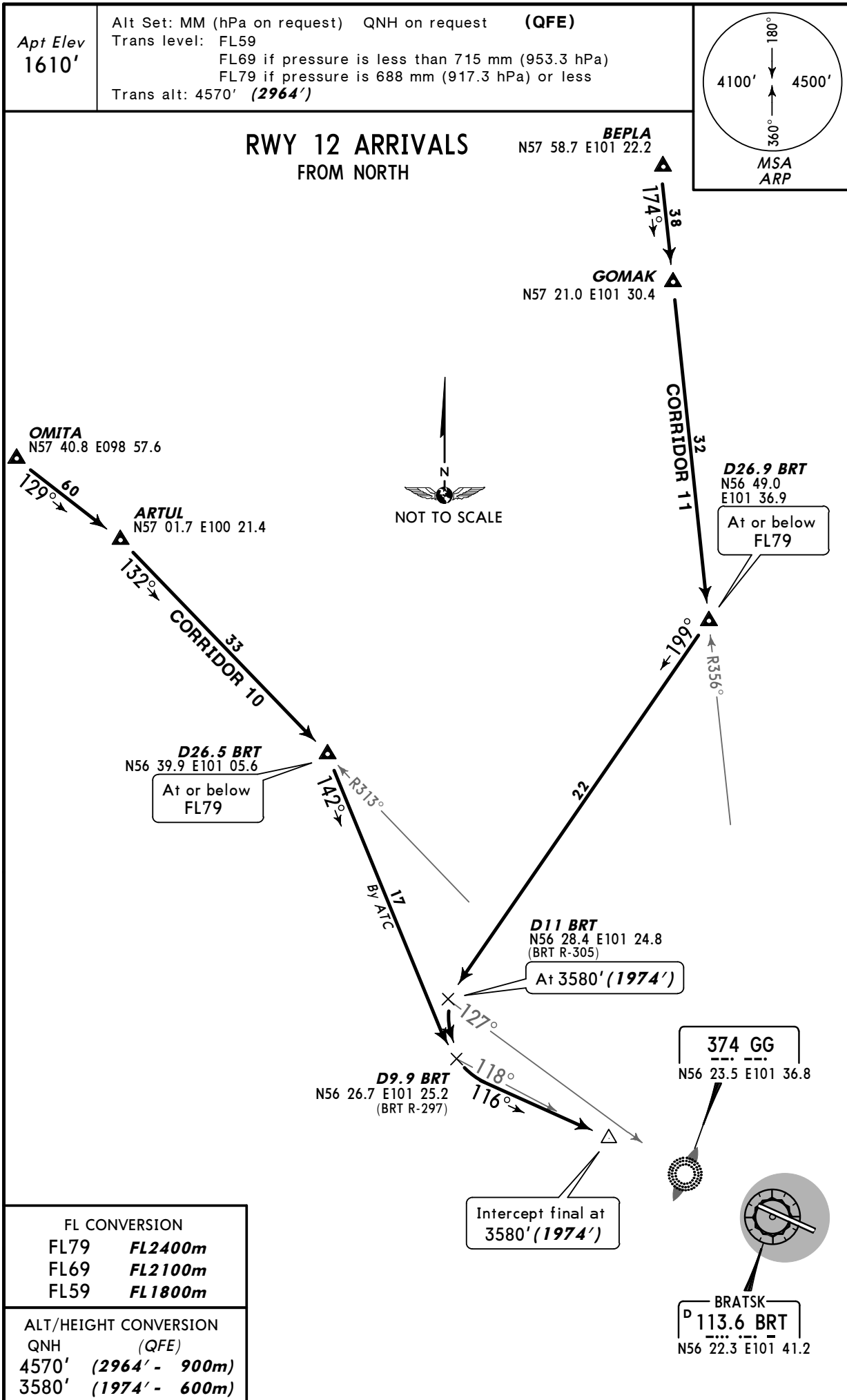
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **10-2** Eff 10 Mar

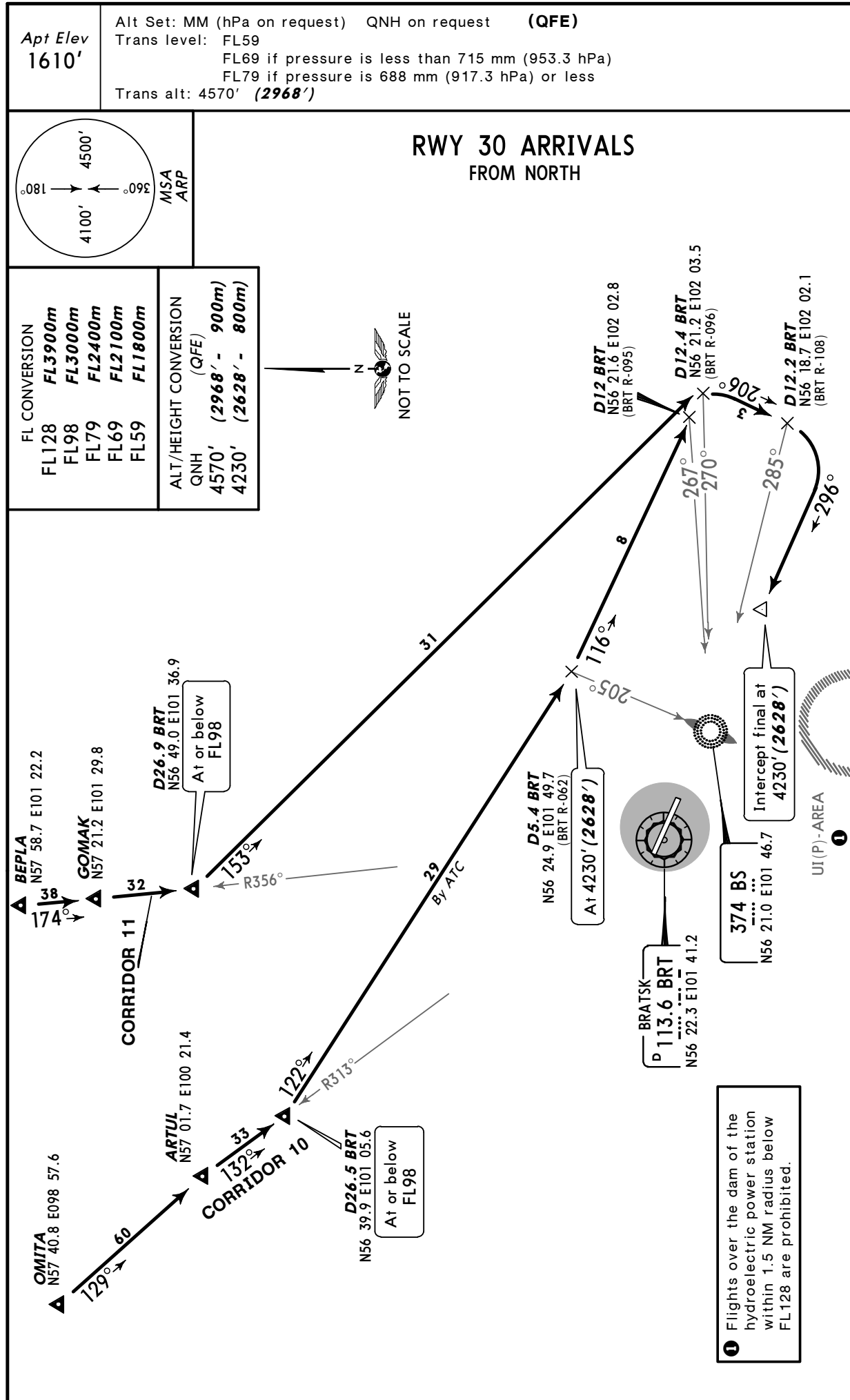
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPesen
19 NOV 10 **(10-2A)**

BRATSK, RUSSIA
STAR

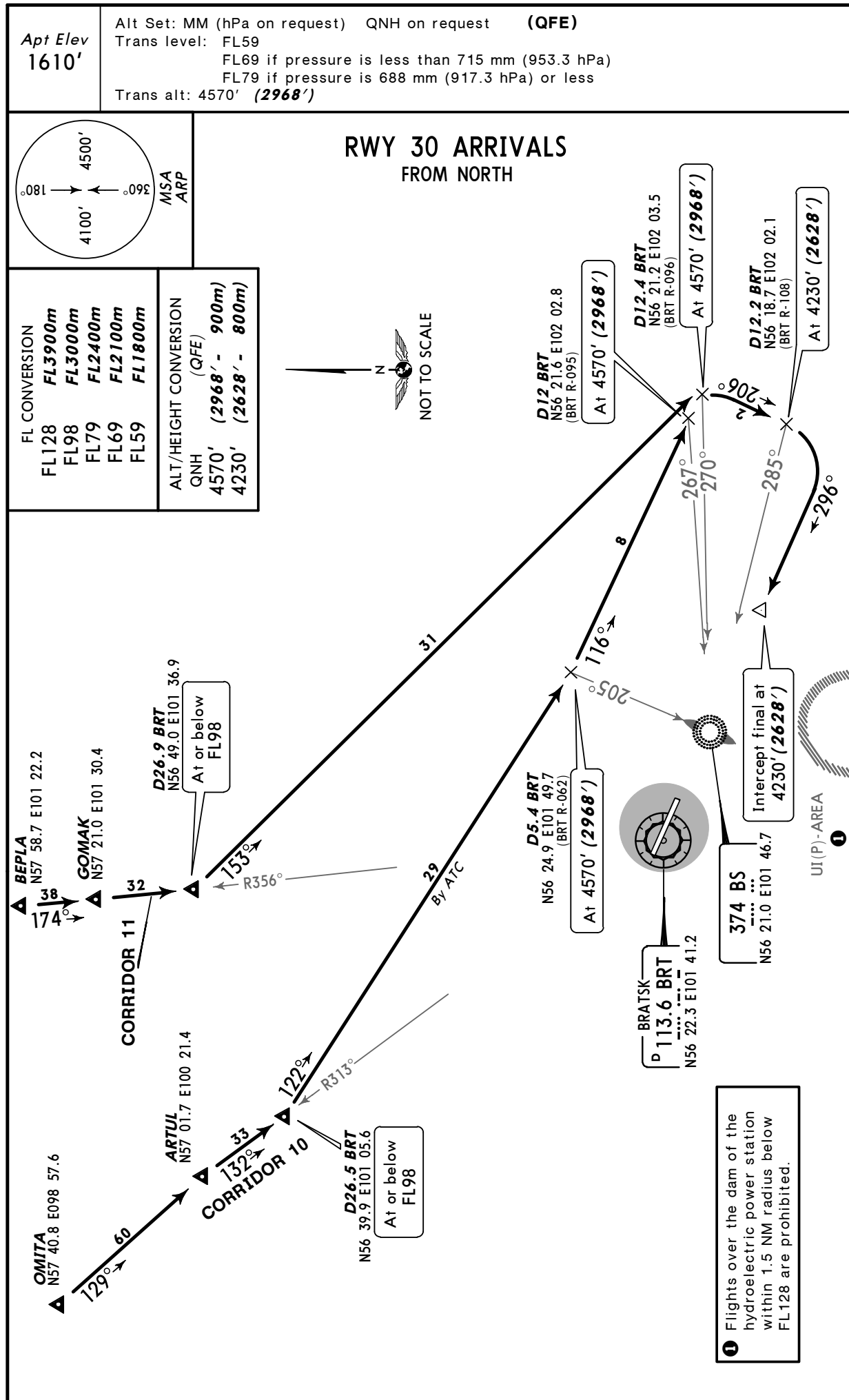


1 Flights over the dam of the hydroelectric power station within 1.5 NM radius below FL128 are prohibited.

UIBB/BTK
BRATSK

JEPPesen
25 FEB 11 **10-2A** Eff 10 Mar

BRATSK, RUSSIA
STAR



1 Flights over the dam of the hydroelectric power station within 1.5 NM radius below FL128 are prohibited.

UIBB/BTK
BRATSK

19 NOV 10

10-2B

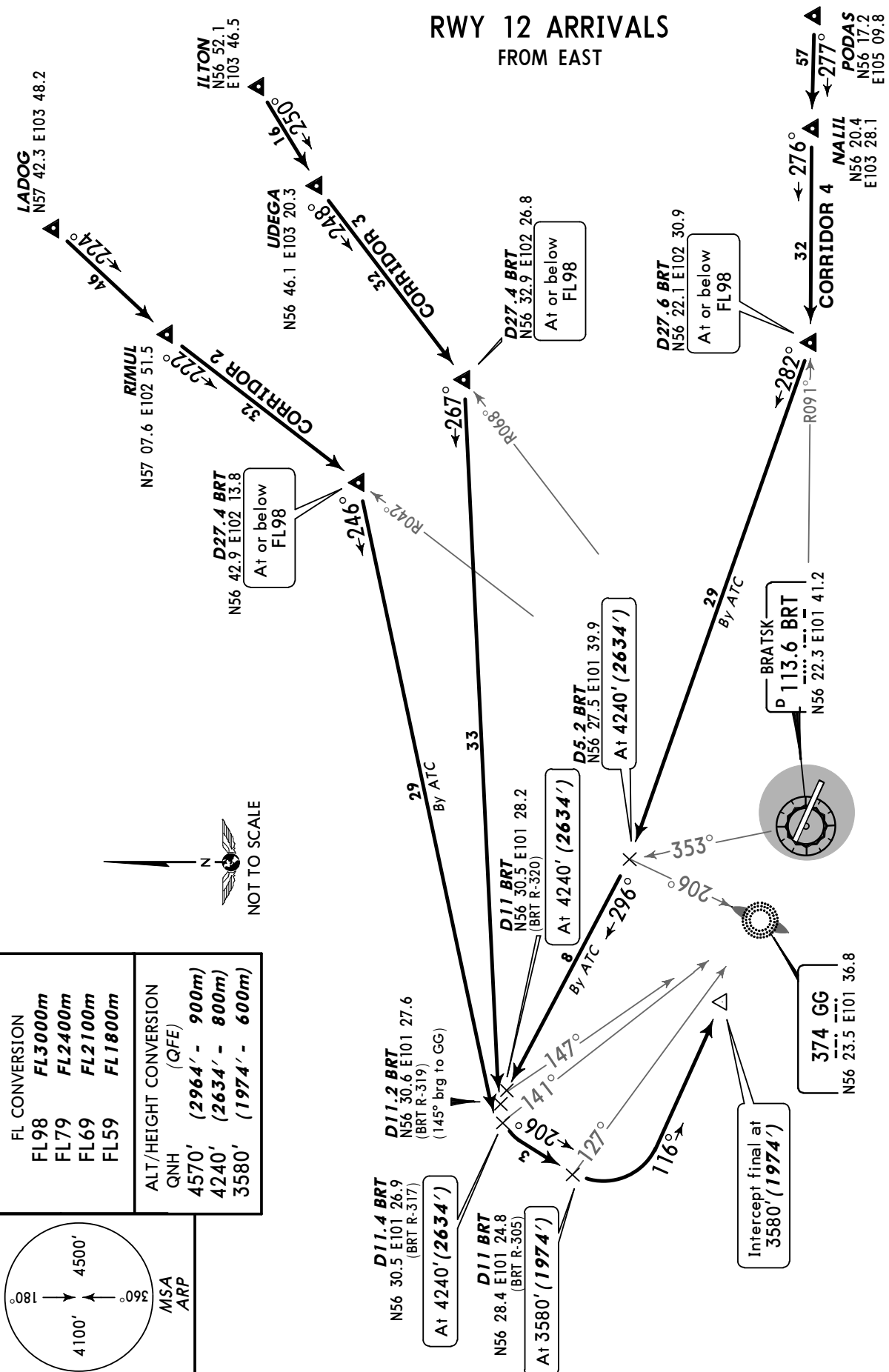
BRATSK, RUSSIA

STAR

Apt Elev
1610'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL59
FL69 if pressure is less than 715 mm (953.3 hPa)
FL79 if pressure is 688 mm (917.3 hPa) or less
Trans alt: 4570' **(2964')**

RWY 12 ARRIVALS
FROM EAST



UIBB/BTK
BRATSK

25 FEB 11

JEPPESEN

Eff 10 Mar

BRATSK, RUSSIA

STAR

Apt Elev
1610'

Alt Set: MM (hPa on request) QNH on request **(QFE)**

Trans level: FL59

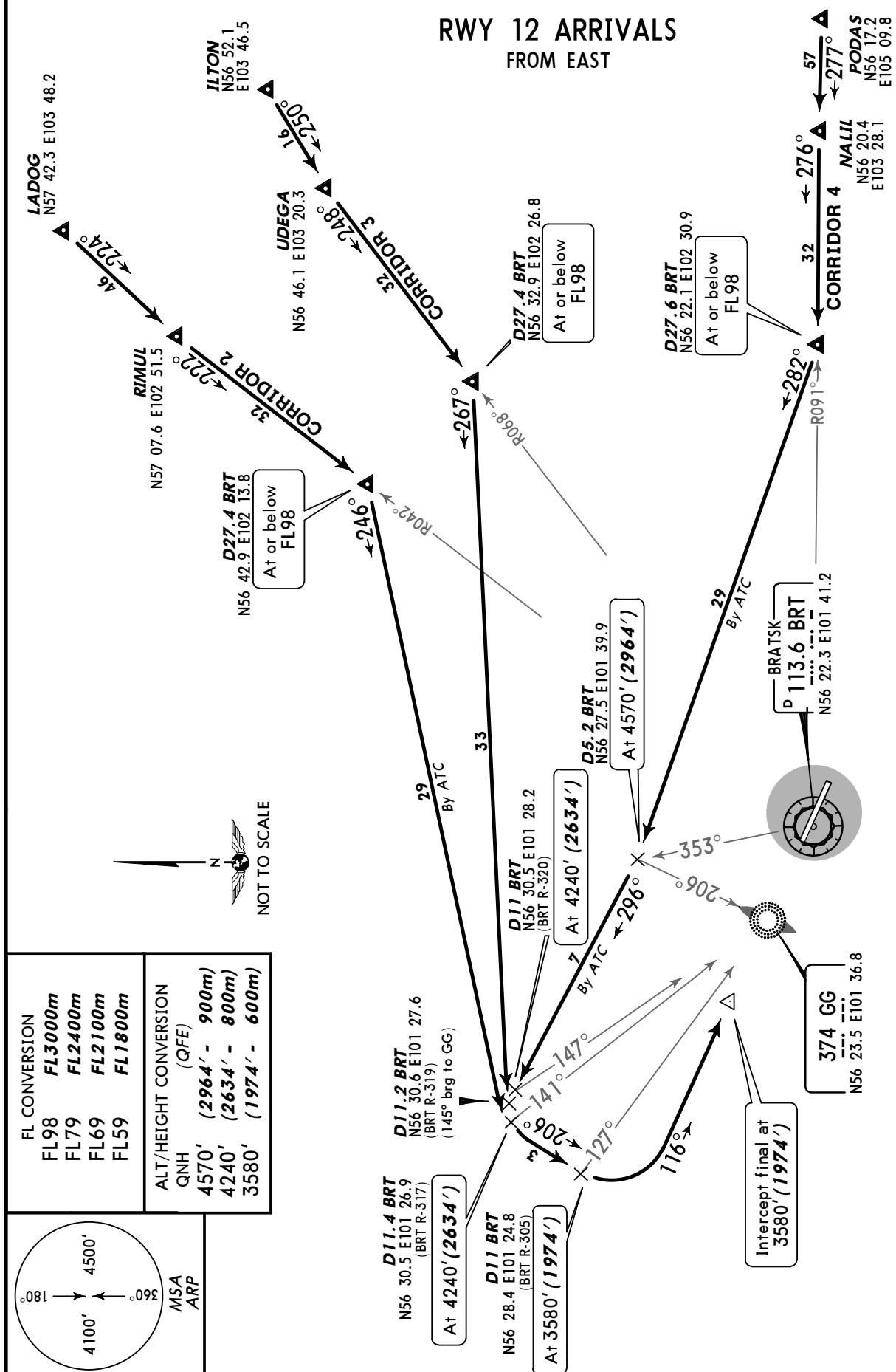
FL69 if pressure is less than 715 mm (953.3 hPa)

FL79 if pressure is 688 mm (917.3 hPa) or less

Trans alt: 4570' (**2964'**)

RWY 12 ARRIVALS

FROM EAST



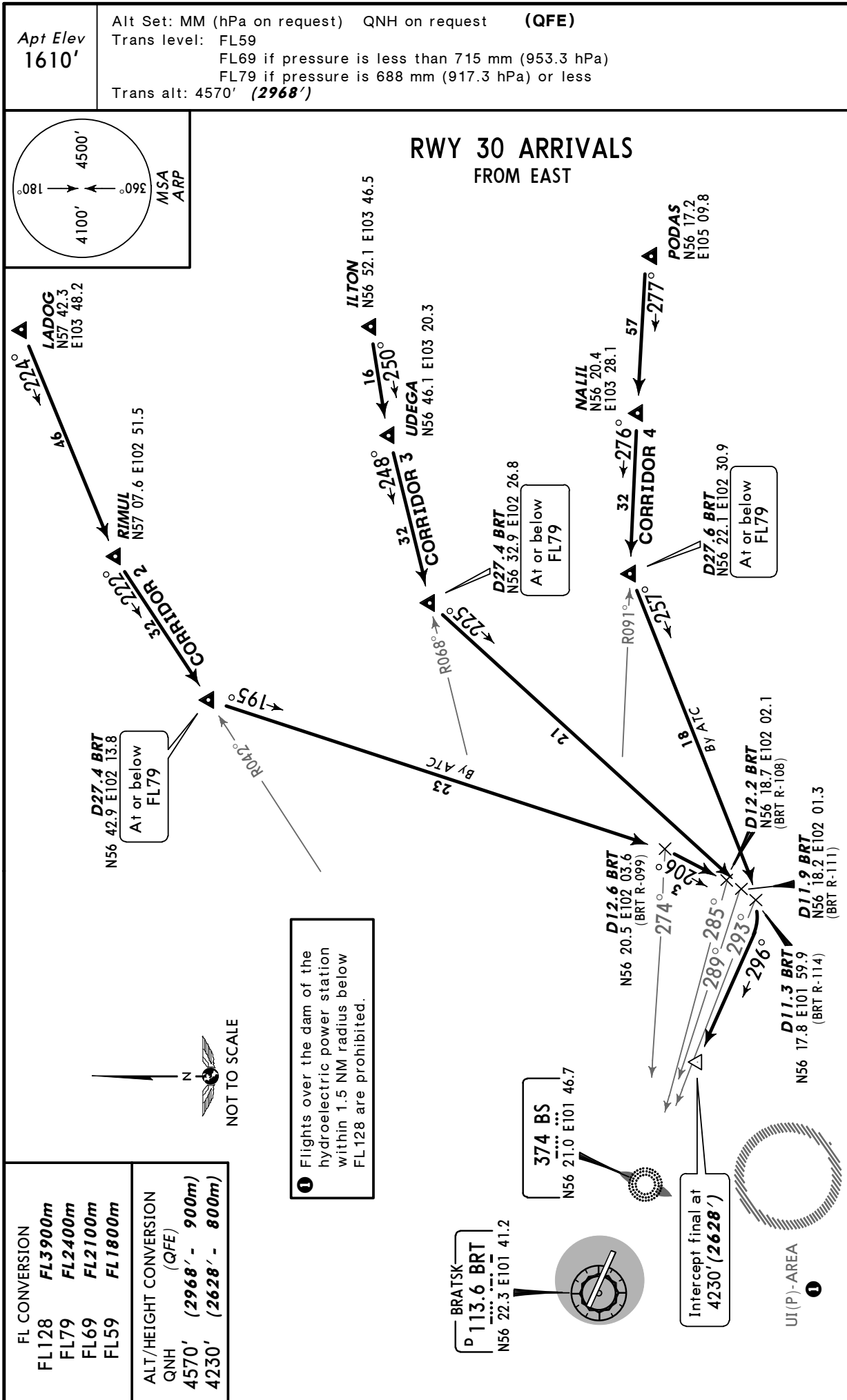
CHANGES: Crossing altitude at D5.2 BRT raised.

© JEPPESEN, 2006, 2011. ALL RIGHTS RESERVED.

UIBB/BTK
BRATSK

JEPPesen
19 NOV 10 **(10-2C)**

BRATSK, RUSSIA
STAR



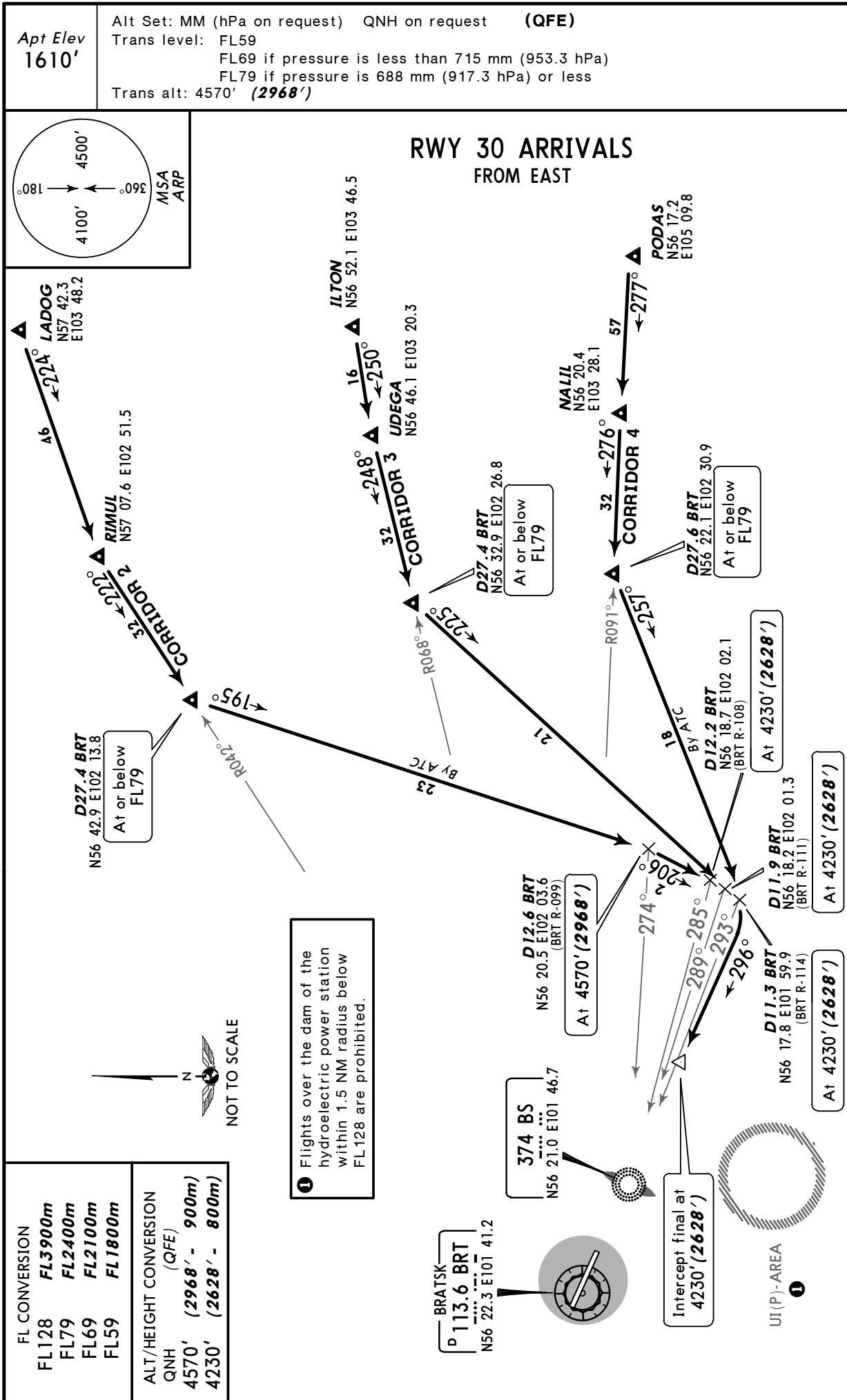
FL CONVERSION
FL128 FL3900m
FL79 FL2400m
FL69 FL2100m
FL59 FL1800m

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

UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **10-2C** Eff 10 Mar

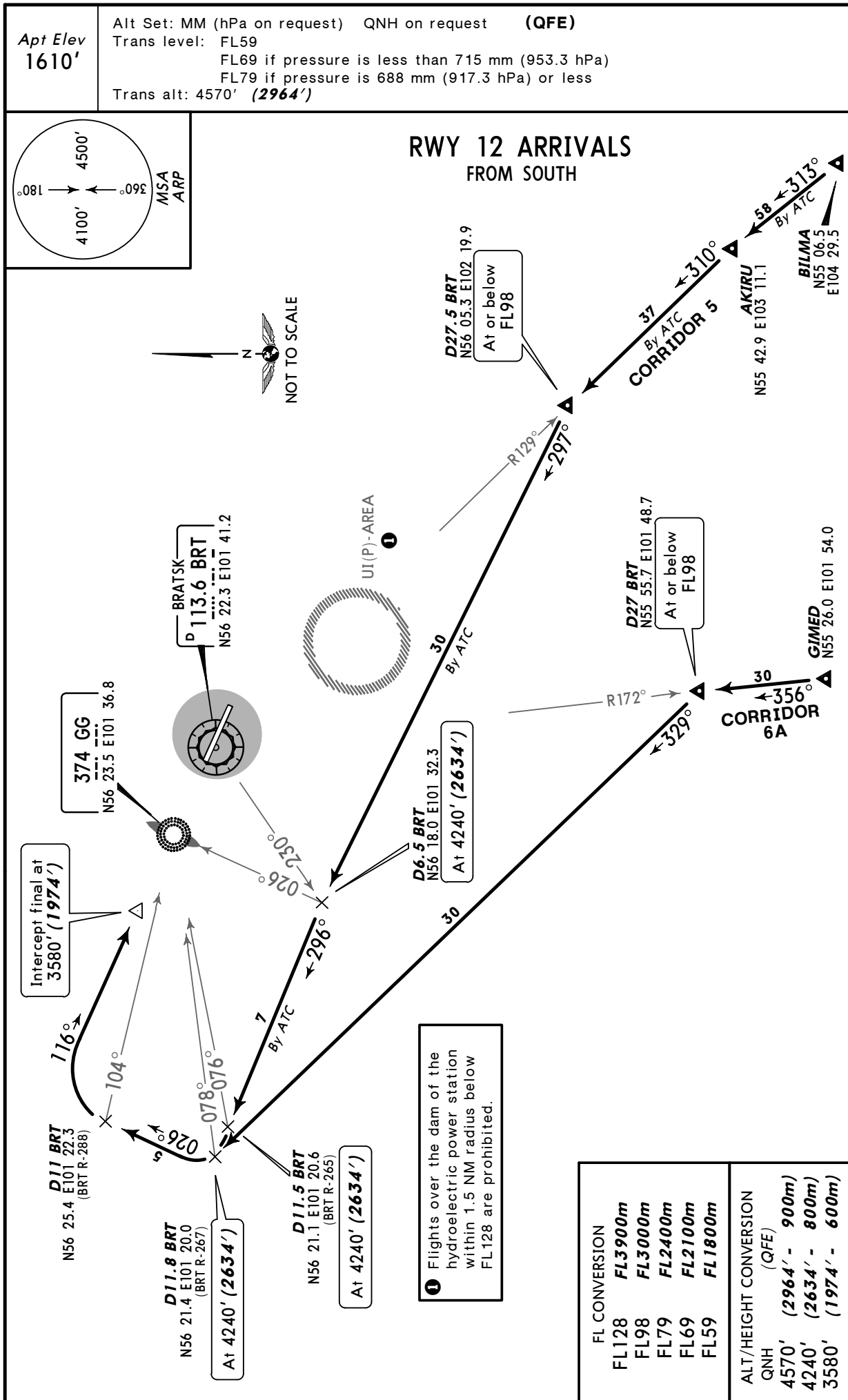
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESSEN
19 NOV 10 **(10-2D)**

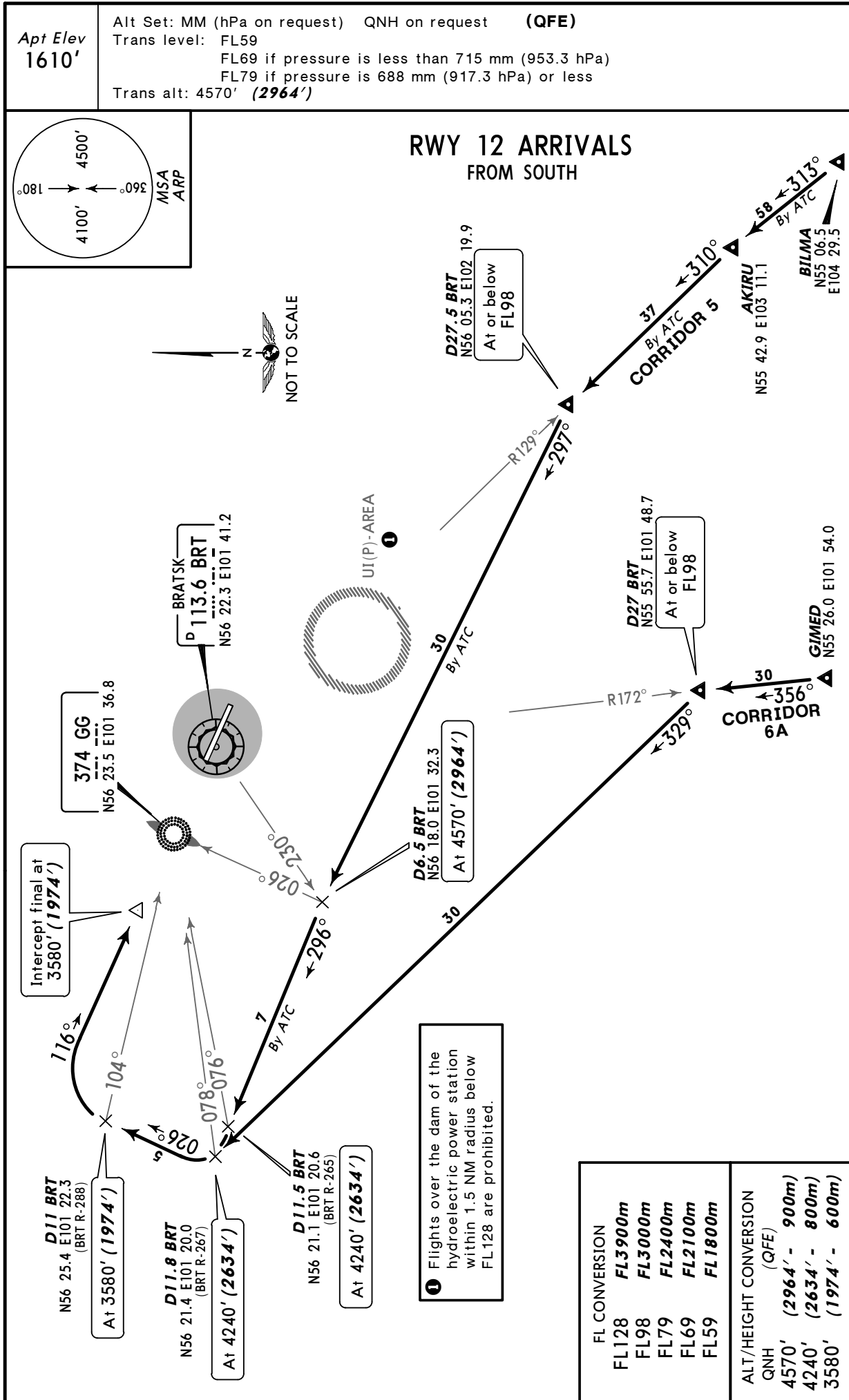
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **10-2D** **Eff 10 Mar**

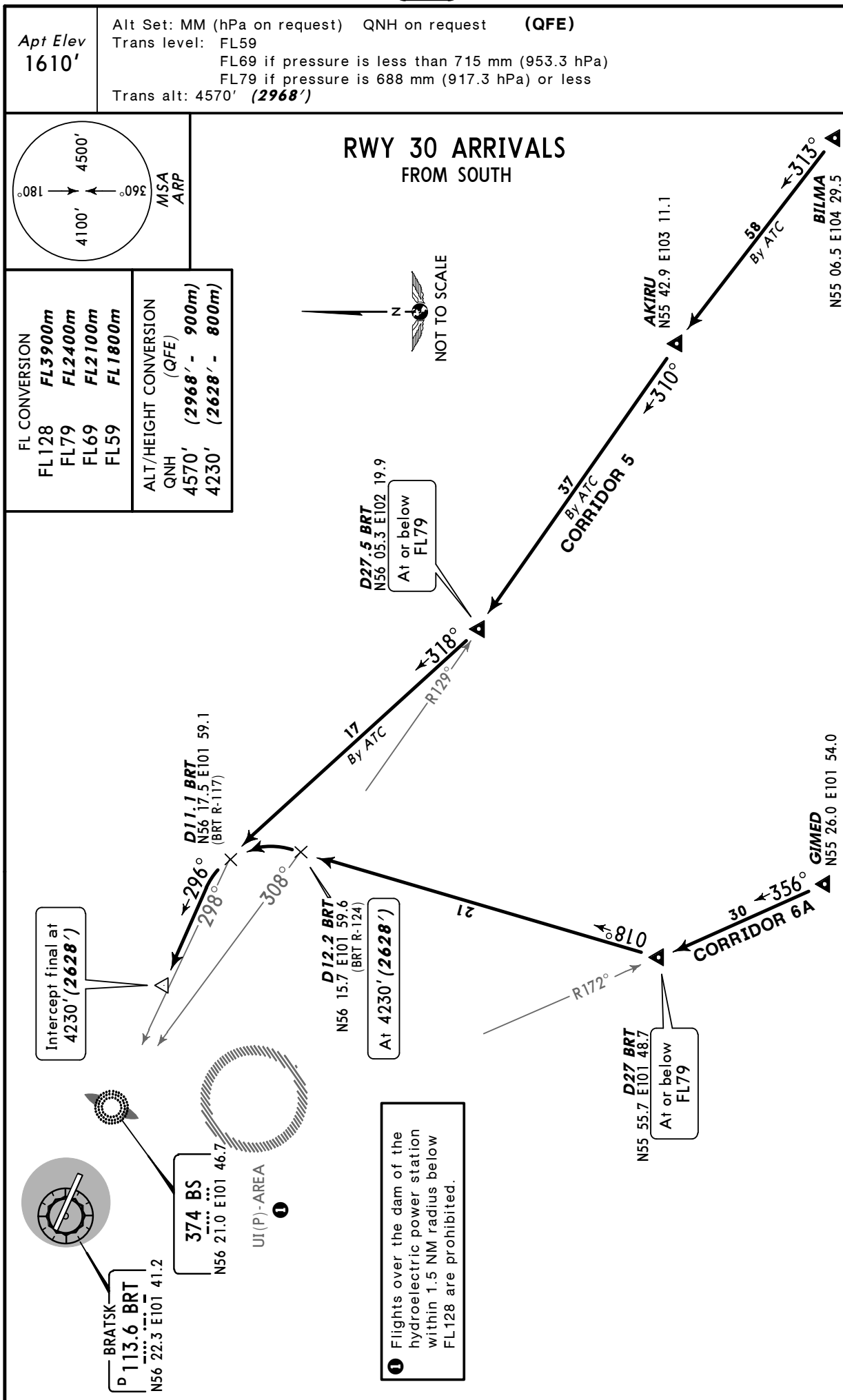
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESEN
19 NOV 10 **(10-2E)**

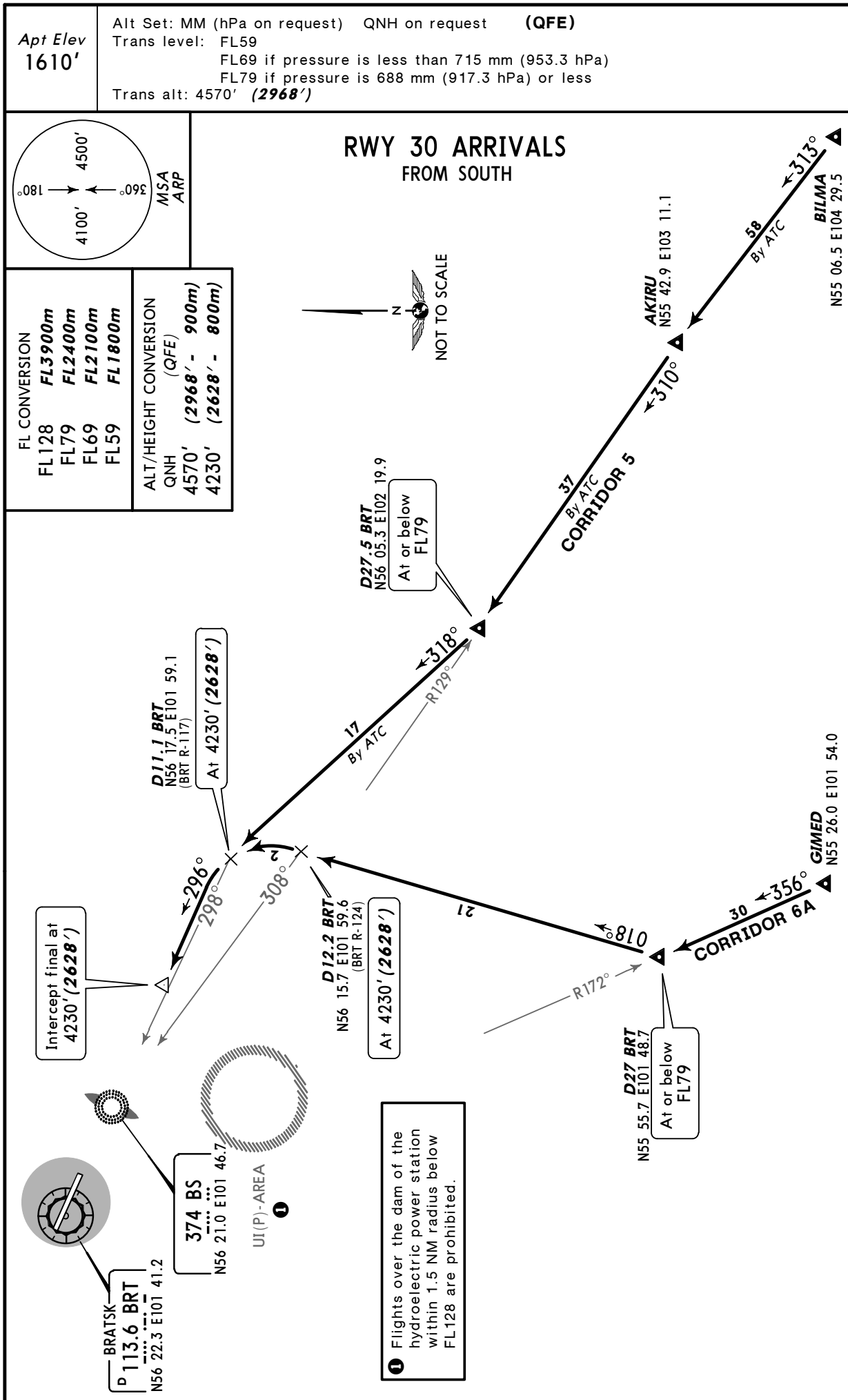
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESEN
25 FEB 11 **10-2E** **Eff 10 Mar**

BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

19 NOV 10

JEPPESEN

10-2F

BRATSK, RUSSIA

STAR

Apt Elev
1610'

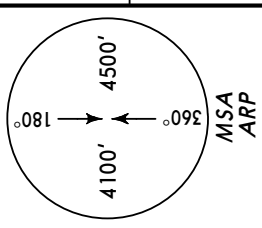
Alt Set: MM (hPa on request) QNH on request **(QFE)**

Trans level: FL59

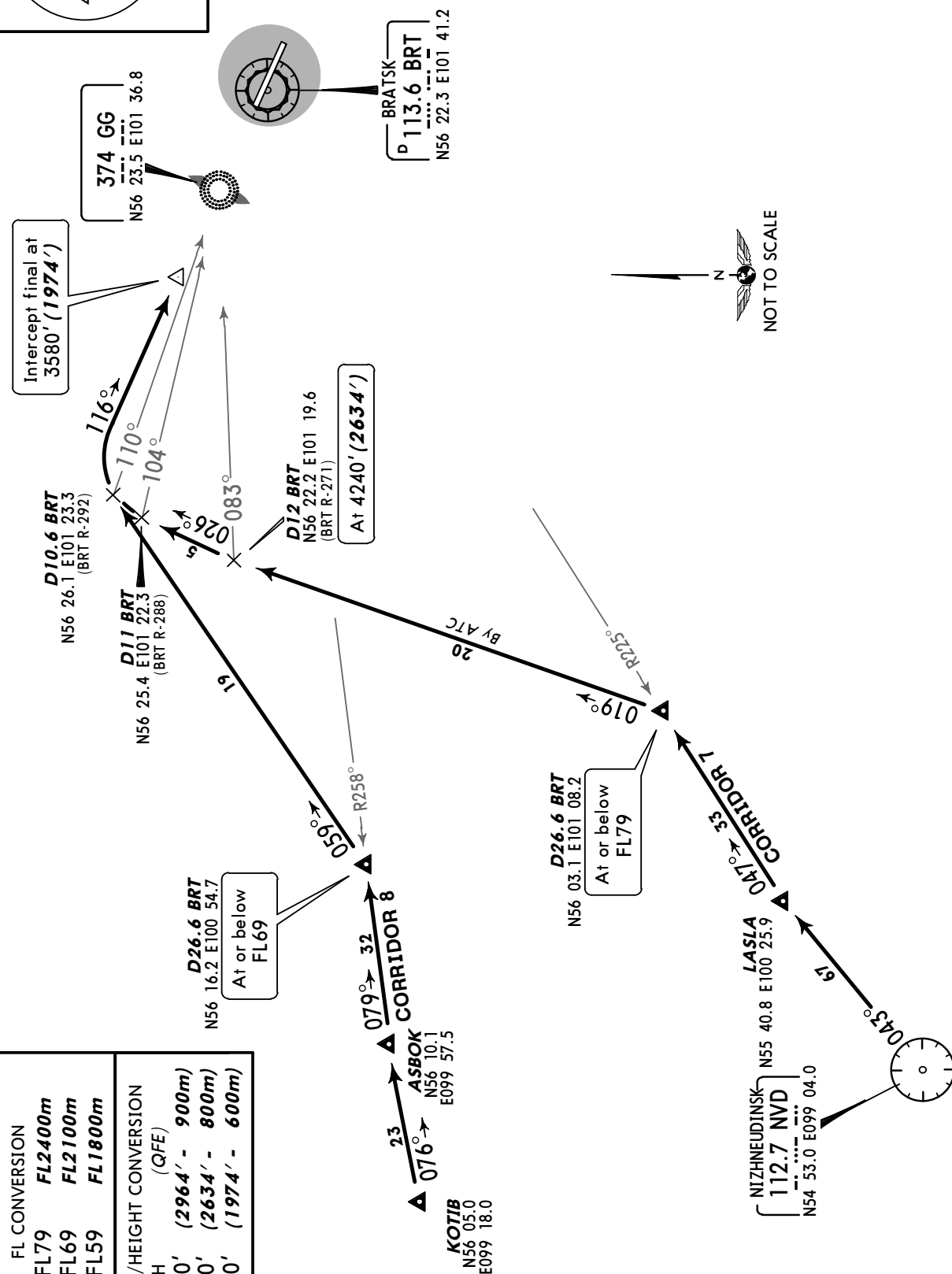
FL69 if pressure is less than 715 mm (953.3 hPa)

FL79 if pressure is 688 mm (917.3 hPa) or less

Trans alt: 4570' (**2964'**)



RWY 12 ARRIVALS FROM WEST

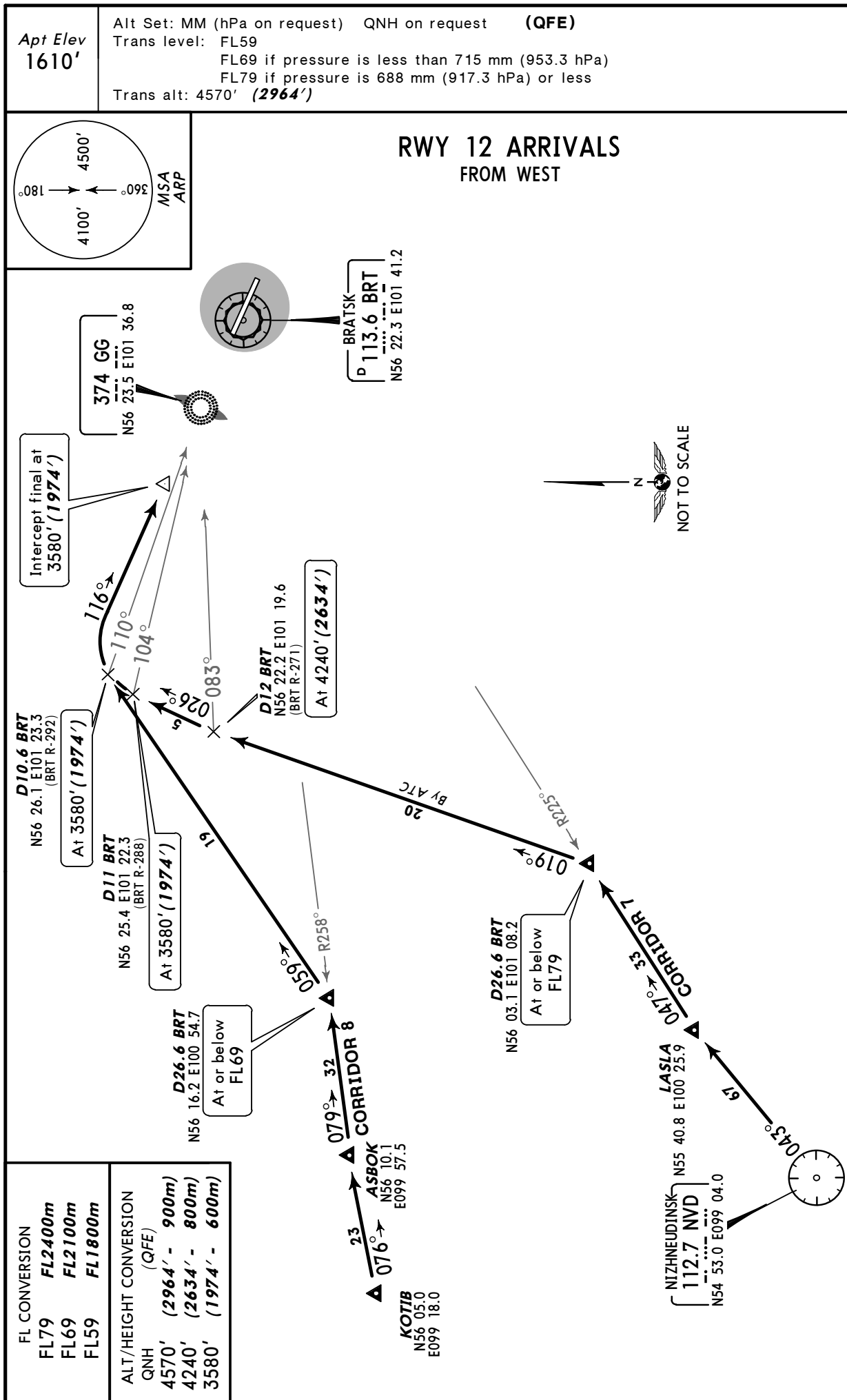


FL CONVERSION	ALT/HEIGHT CONVERSION (QFE)
FL79 <i>FL2400m</i>	QNH 4570' <i>(2964' - 900m)</i>
FL69 <i>FL2100m</i>	4240' <i>(2634' - 800m)</i>
FL59 <i>FL1800m</i>	3580' <i>(1974' - 600m)</i>

UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **10-2F** Eff 10 Mar

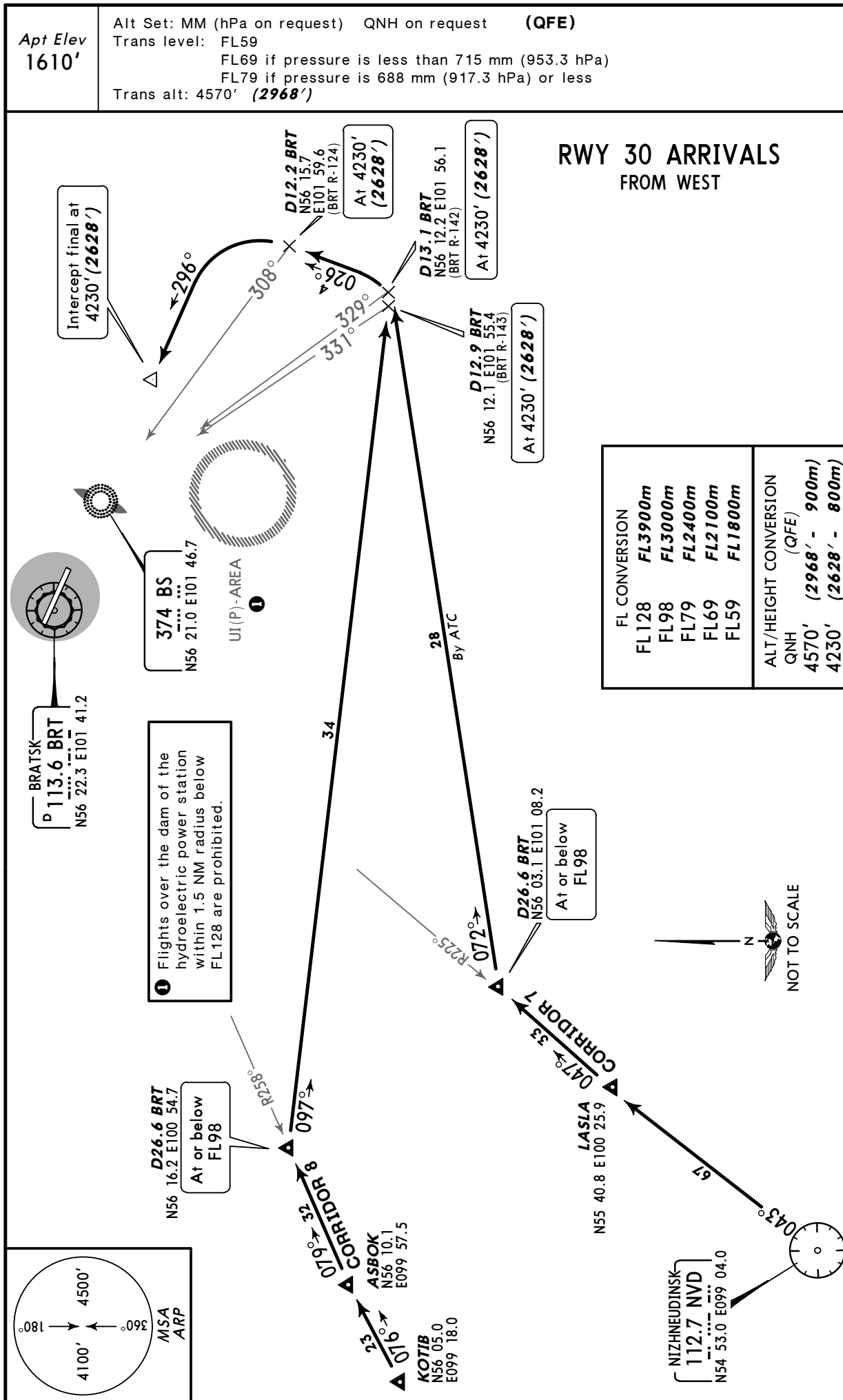
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESSEN
19 NOV 10 **(10-2G)**

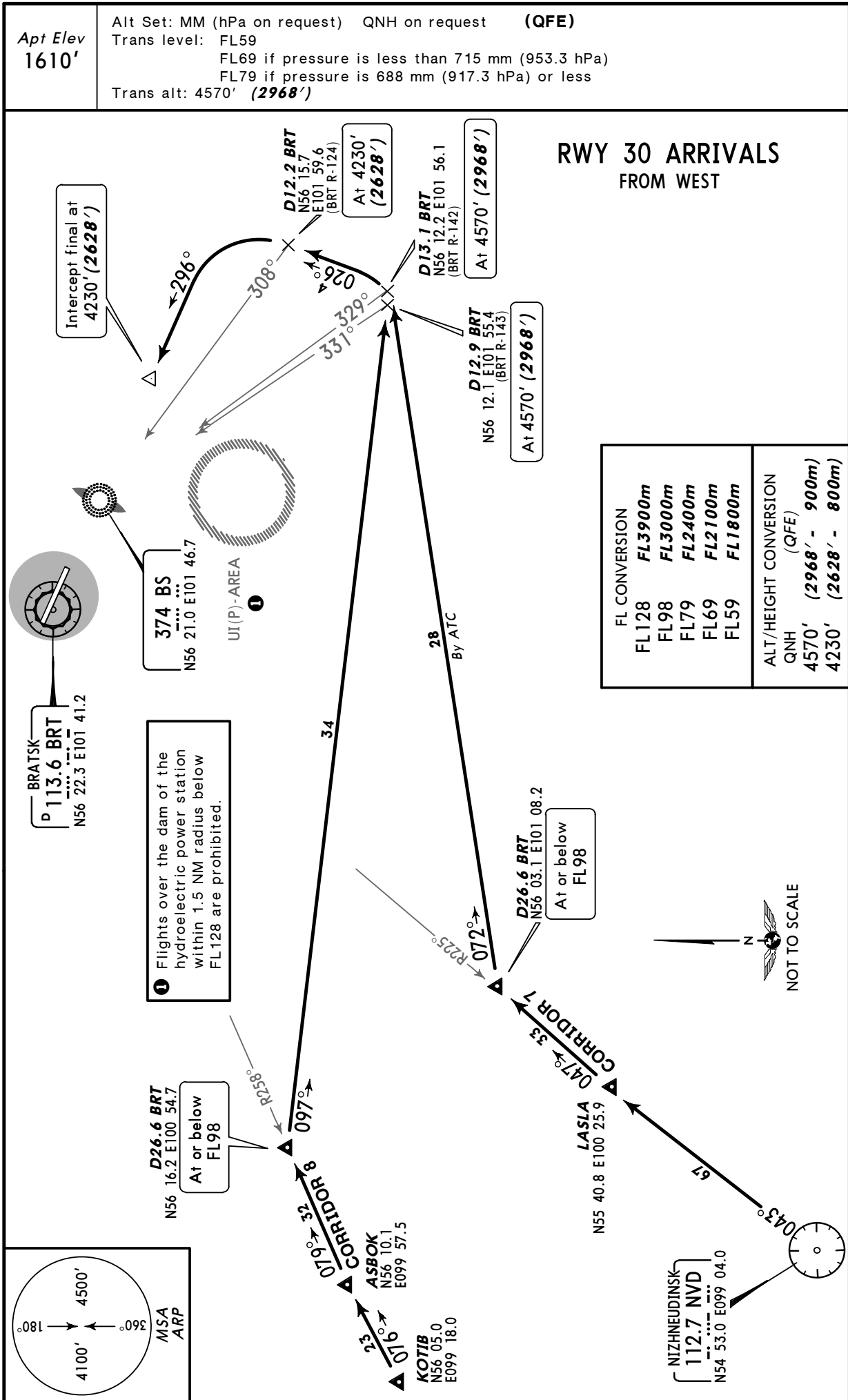
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **10-2G** Eff 10 Mar

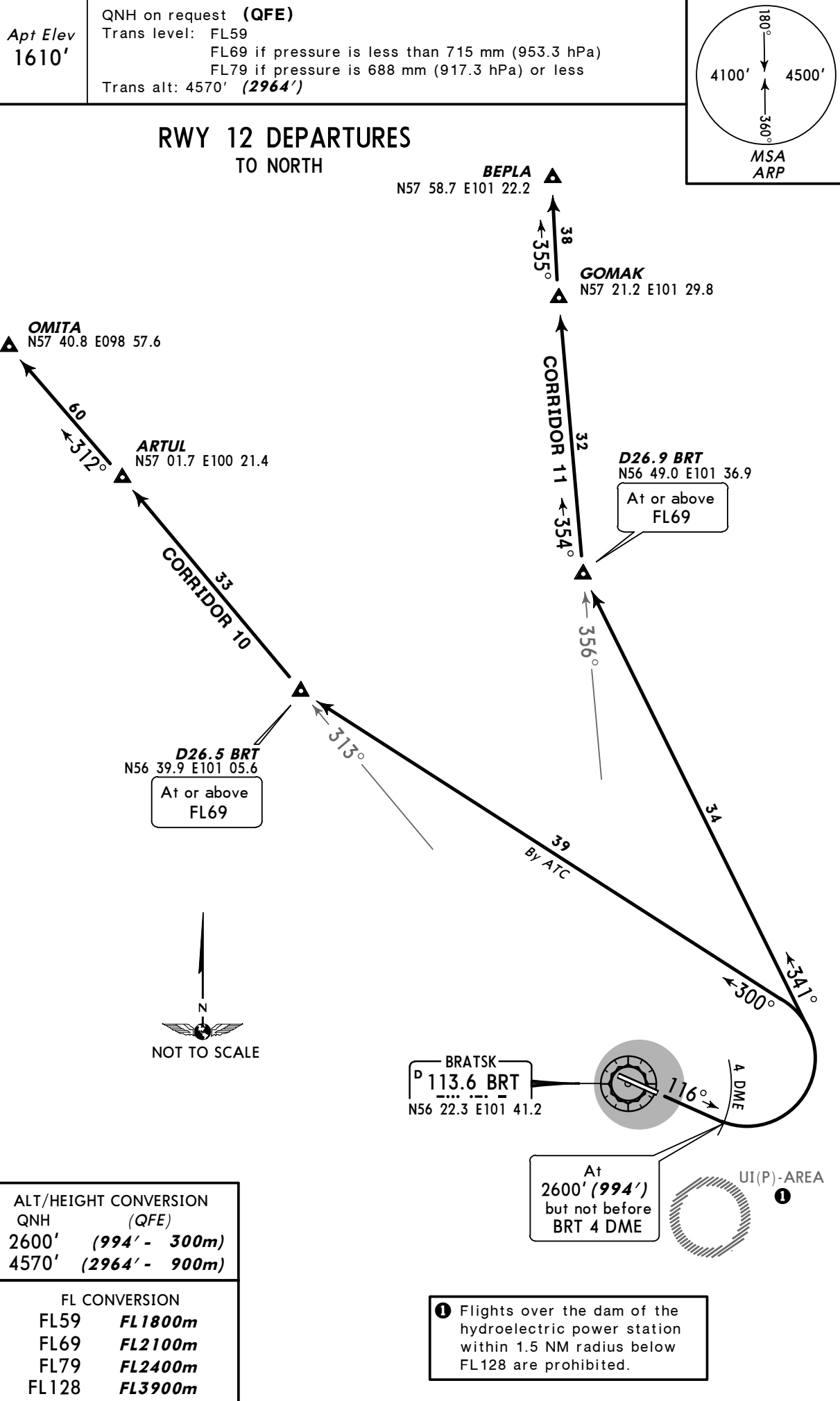
BRATSK, RUSSIA
STAR



UIBB/BTK
BRATSK

JEPPESEN
19 NOV 10 **(10-3)**

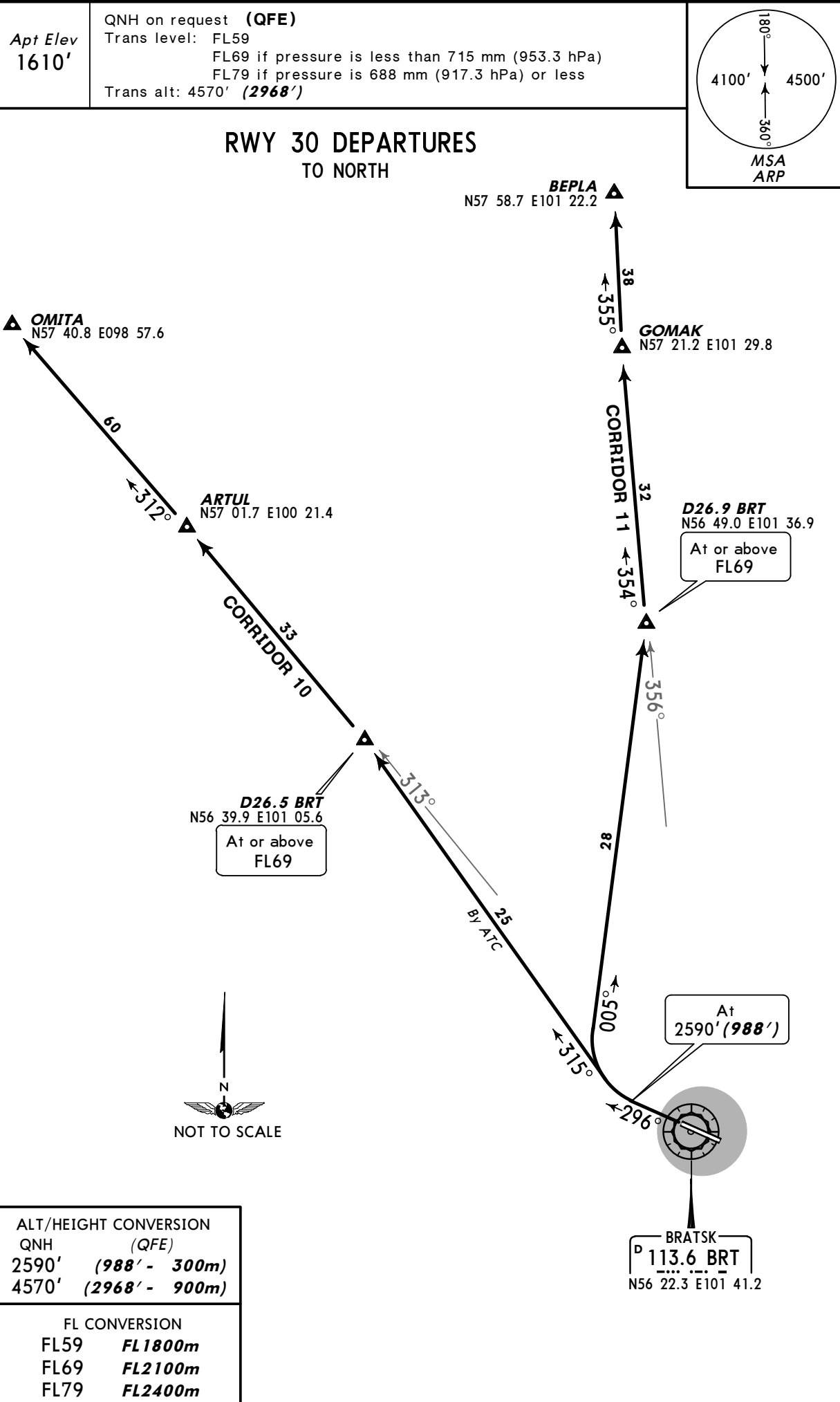
BRATSK, RUSSIA
SID



UIBB/BTK
BRATSK

JEPPESEN
19 NOV 10 **(10-3A)**

BRATSK, RUSSIA
SID



UIBB/BTK
BRATSK

19 NOV 10

10-3B

BRATSK, RUSSIA

SID

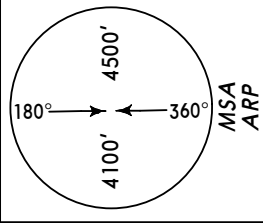
Apt Elev
1610'

QNH on request **(QFE)**

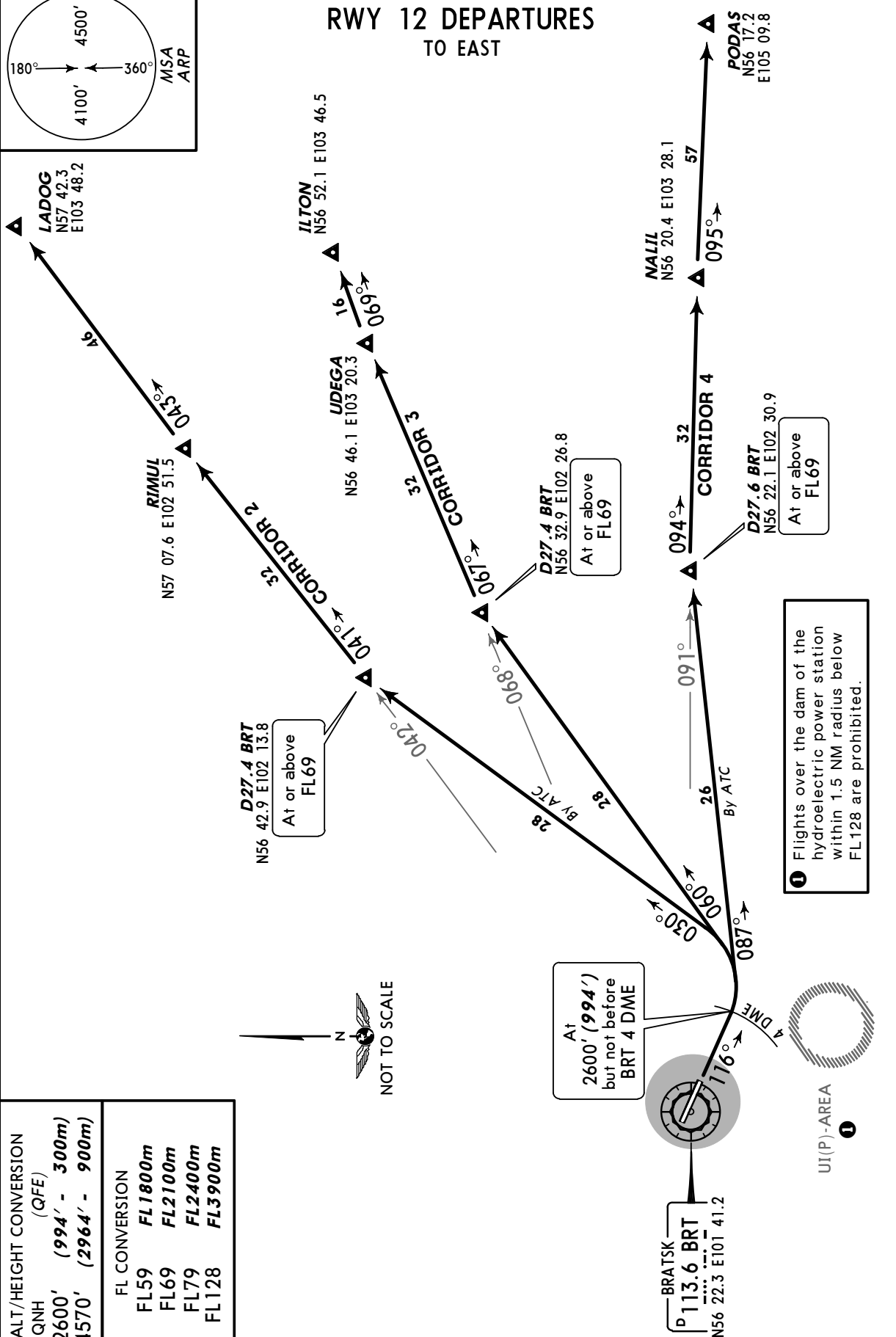
Trans level: FL59

FL69 if pressure is less than 715 mm (953.3 hPa)

FL79 if pressure is 688 mm (917.3 hPa) or less

Trans alt: 4570' (**2964'**)

RWY 12 DEPARTURES TO EAST

ALT/HEIGHT CONVERSION
QNH (QFE)

2600' (994' - 300m)
1570' (2964' - 900m)

FL CONVERSION

FL59 FL1800m

FL69 FL2100m

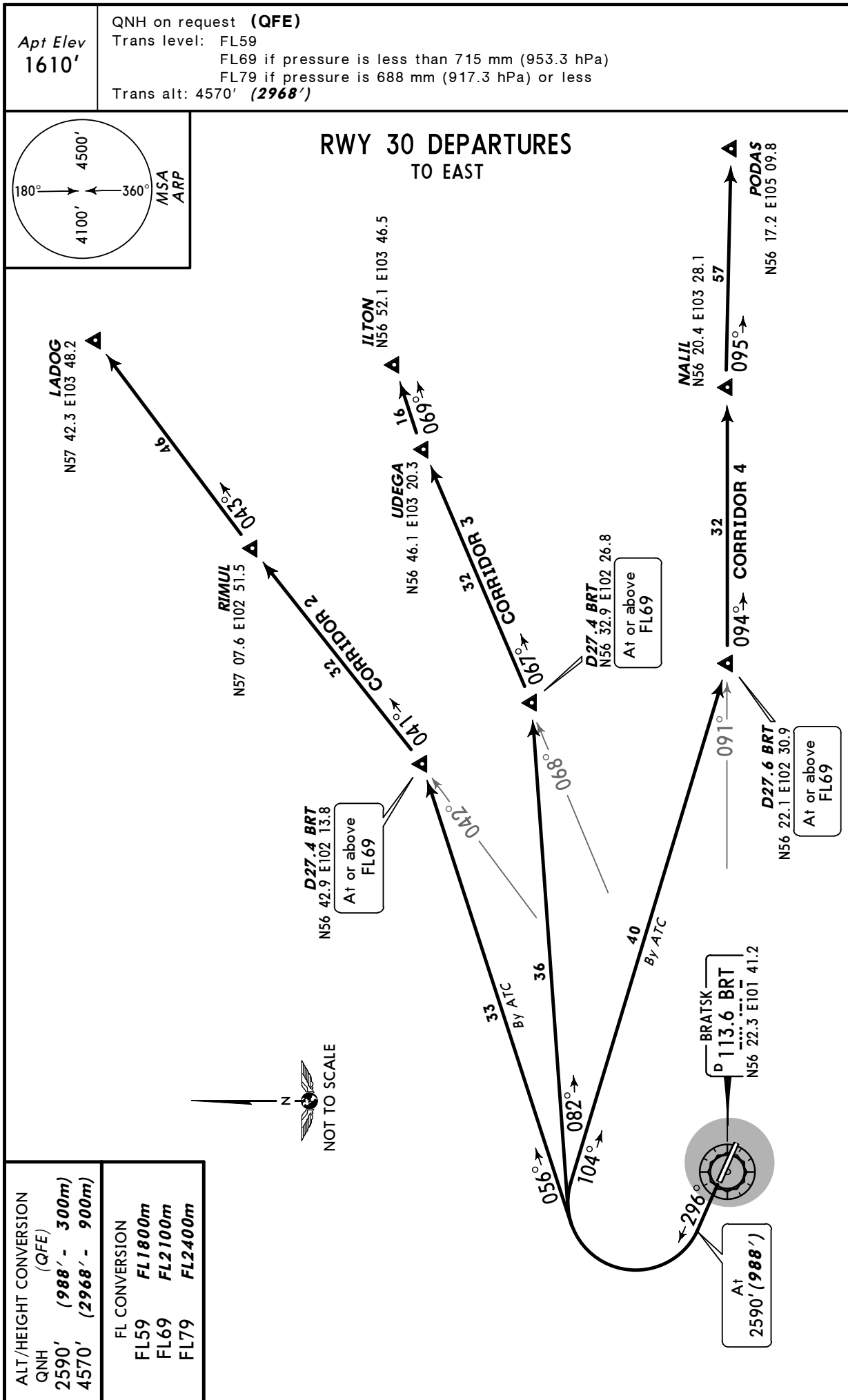
FL79 **FL2400m**

FL128 FL3900m

UIBB/BTK
BRATSK

JEPPesen
19 NOV 10 **(10-3C)**

BRATSK, RUSSIA
SID



UIBB/BTK
BRATSK

JEPPESEN
19 NOV 10 **(10-3D)**

BRATSK, RUSSIA
SID

Apt Elev
1610'

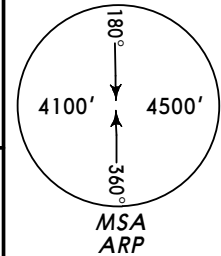
QNH on request (QFE)

Trans level: FL59

FL69 if pressure is less than 715 mm (953.3 hPa)

FL79 if pressure is 688 mm (917.3 hPa) or less

Trans alt: 4570' **(2964')**



RWY 12 DEPARTURES
TO SOUTH

BRATSK
D 113.6 BRT
N56 22.3 E101 41.2



UI(P)-AREA
1

At
2600' (994')
but not before
BRT 4 DME

1 Flights over the dam of the hydroelectric power station within 1.5 NM radius below FL128 are prohibited.

D27.4 BRT
N55 57.3 E102 01.0

At or above
FL69

D27.5 BRT
N56 05.3 E102 19.9

At or above
FL69

CORRIDOR 5

AKIRU
N55 42.9
E103 11.1

BILMA
N55 06.5
E104 29.5

LIDKA
N55 27.6 E102 23.3

ALT/HEIGHT CONVERSION
QNH (QFE)
2600' (994' - 300m)
4570' (2964' - 900m)

FL CONVERSION
FL59 **FL1800m**
FL69 **FL2100m**
FL79 **FL2400m**
FL128 **FL3900m**



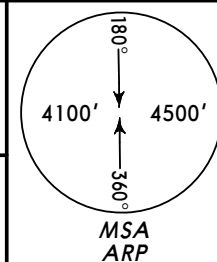
UIBB/BTK
BRATSK

JEPPESEN
 19 NOV 10 **(10-3E)**

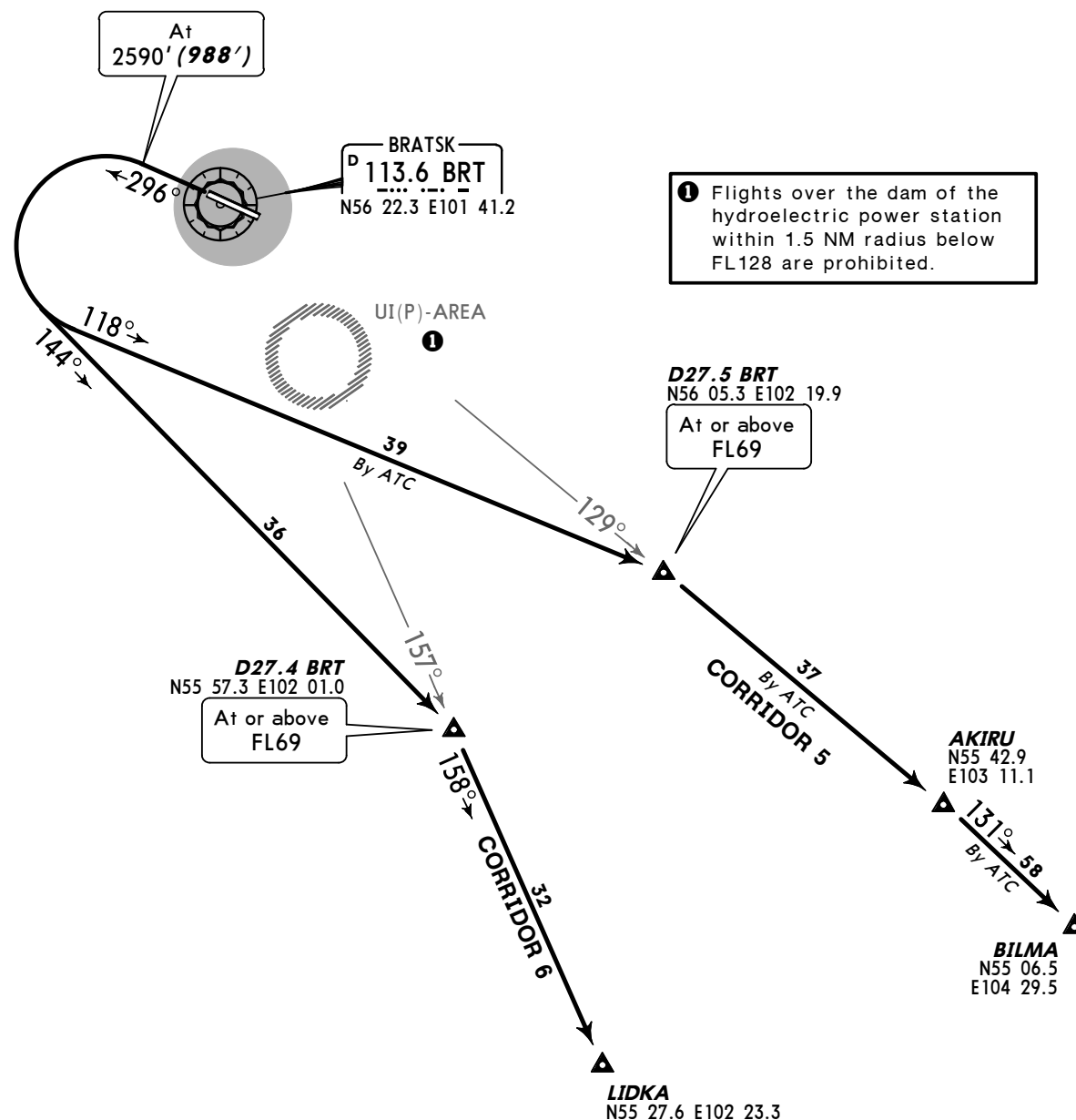
BRATSK, RUSSIA
SID

Apt Elev
1610'

QNH on request (QFE)
 Trans level: FL59
 FL69 if pressure is less than 715 mm (953.3 hPa)
 FL79 if pressure is 688 mm (917.3 hPa) or less
 Trans alt: 4570' (**2968'**)



RWY 30 DEPARTURES
TO SOUTH



ALT/HEIGHT CONVERSION
 QNH (QFE)
 2590' (988' - 300m)
 4570' (2968' - 900m)

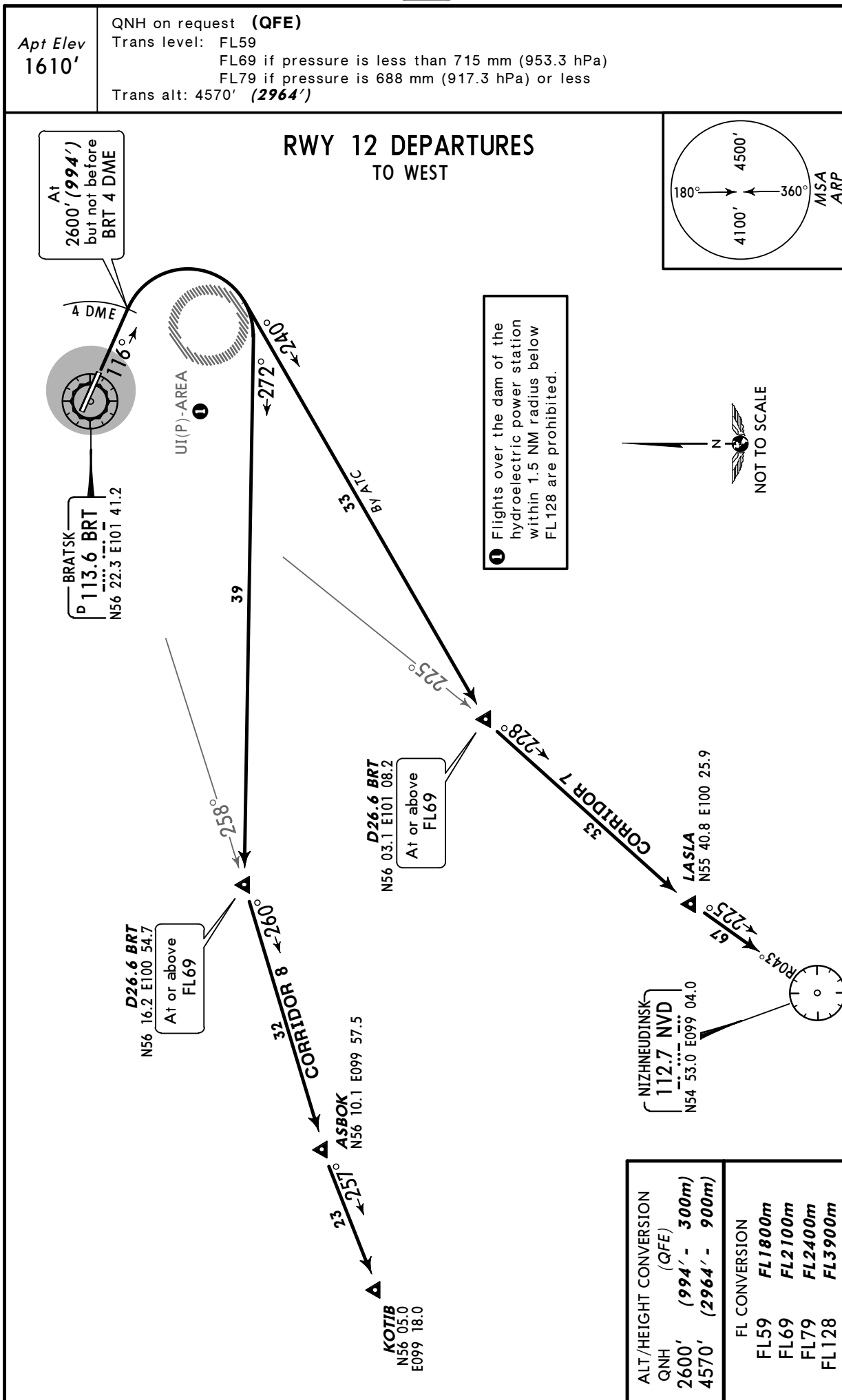
FL CONVERSION
 FL59 **FL1800m**
 FL69 **FL2100m**
 FL79 **FL2400m**
 FL128 **FL3900m**



UIBB/BTK
BRATSK

JEPPESSEN
 19 NOV 10 **10-3F**

BRATSK, RUSSIA
SID



UIBB/BTK
BRATSK

JEPPESSEN
19 NOV 10 **(10-3G)**

BRATSK, RUSSIA
SID

Apt Elev
1610'

QNH on request **(QFE)**

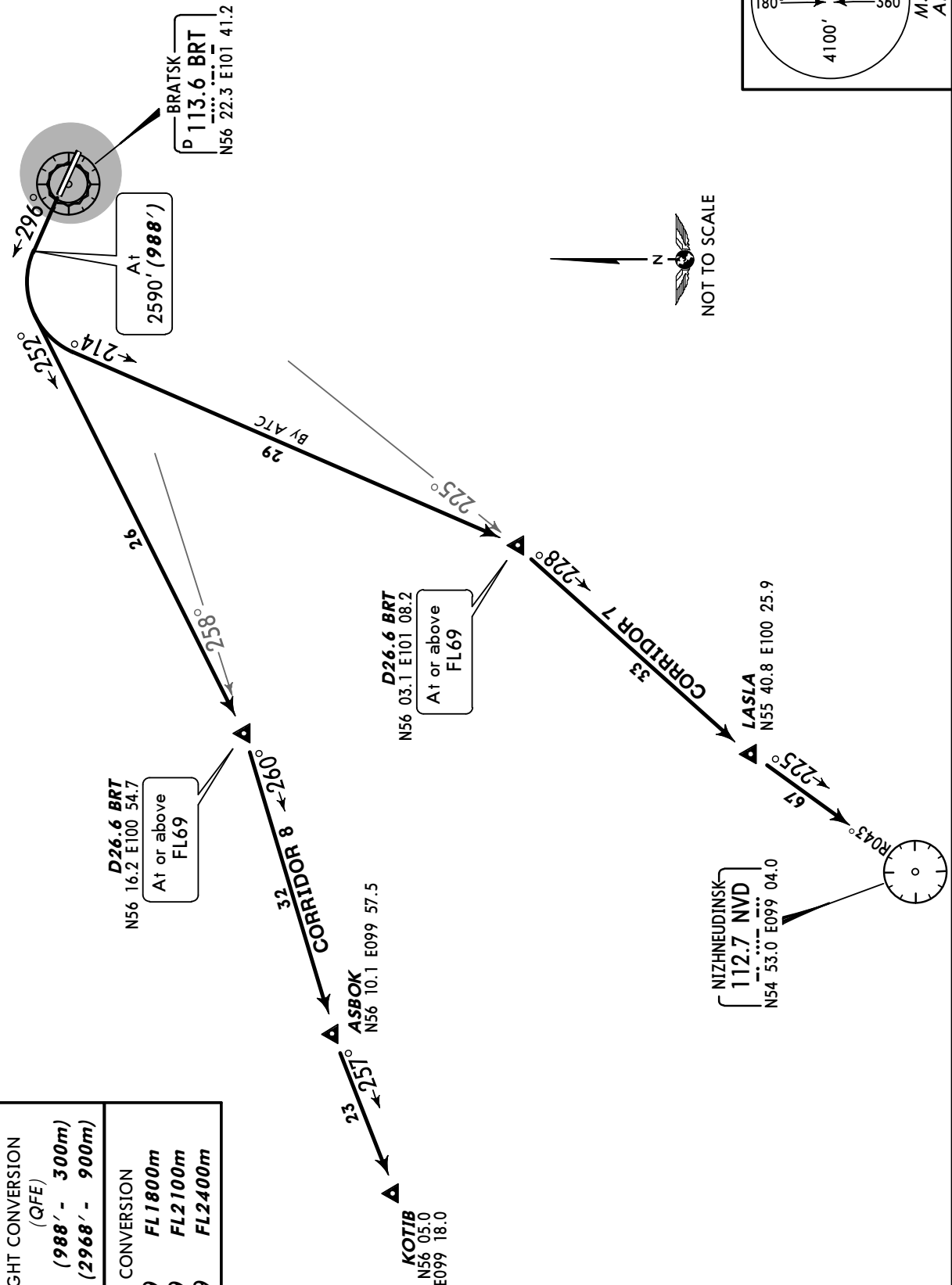
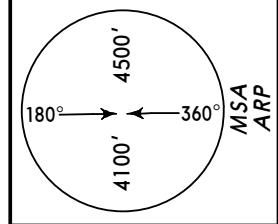
Trans level: FL59

FL69 if pressure is less than 715 mm (953.3 hPa)

FL79 if pressure is 688 mm (917.3 hPa) or less

Trans alt: 4570' **(2968')**

RWY 30 DEPARTURES
TO WEST



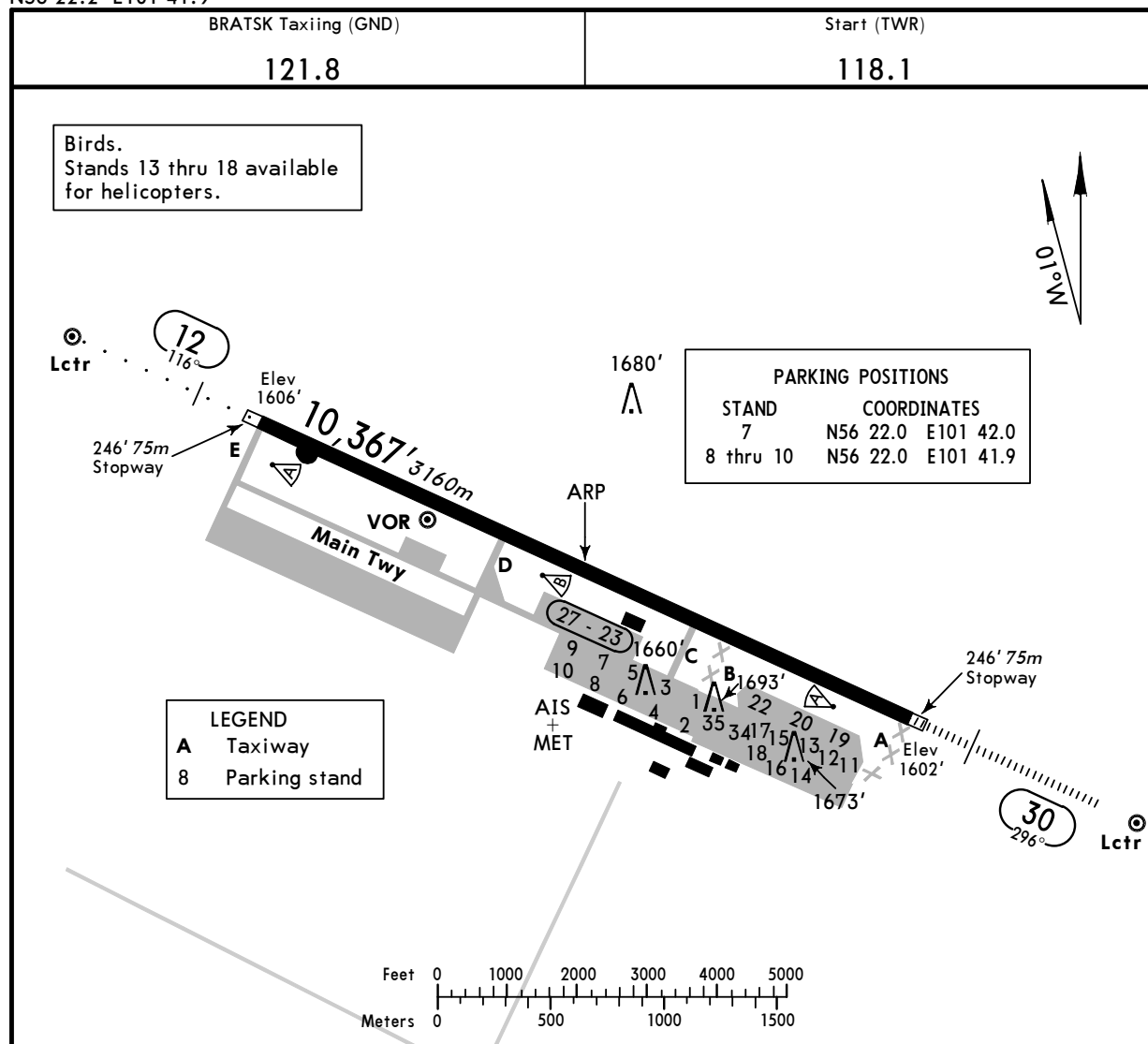
ALT/HEIGHT CONVERSION
QNH
(QFE)
2590' (988' - 300m)
4570' (2968' - 900m)

FL CONVERSION
FL59 FL1800m
FL69 FL2100m
FL79 FL2400m

UIBB/BTK
Apt Elev **1610'**
N56 22.2 E101 41.9

JEPPESEN
19 NOV 10 **(10-9)**

BRATSK, RUSSIA
BRATSK



ADDITIONAL RUNWAY INFORMATION					
RWY			USABLE LENGTHS		WIDTH
			Threshold	Glide Slope	
12	HIRL (60m) ALS	RVR			197'
30	HIRL (60m) HIALS PAPI-L	RVR		9693' 2954m	60m

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

UIBB/BTK
Apt Elev **1610'**
N56 22.2 E101 41.9

JEPPESEN

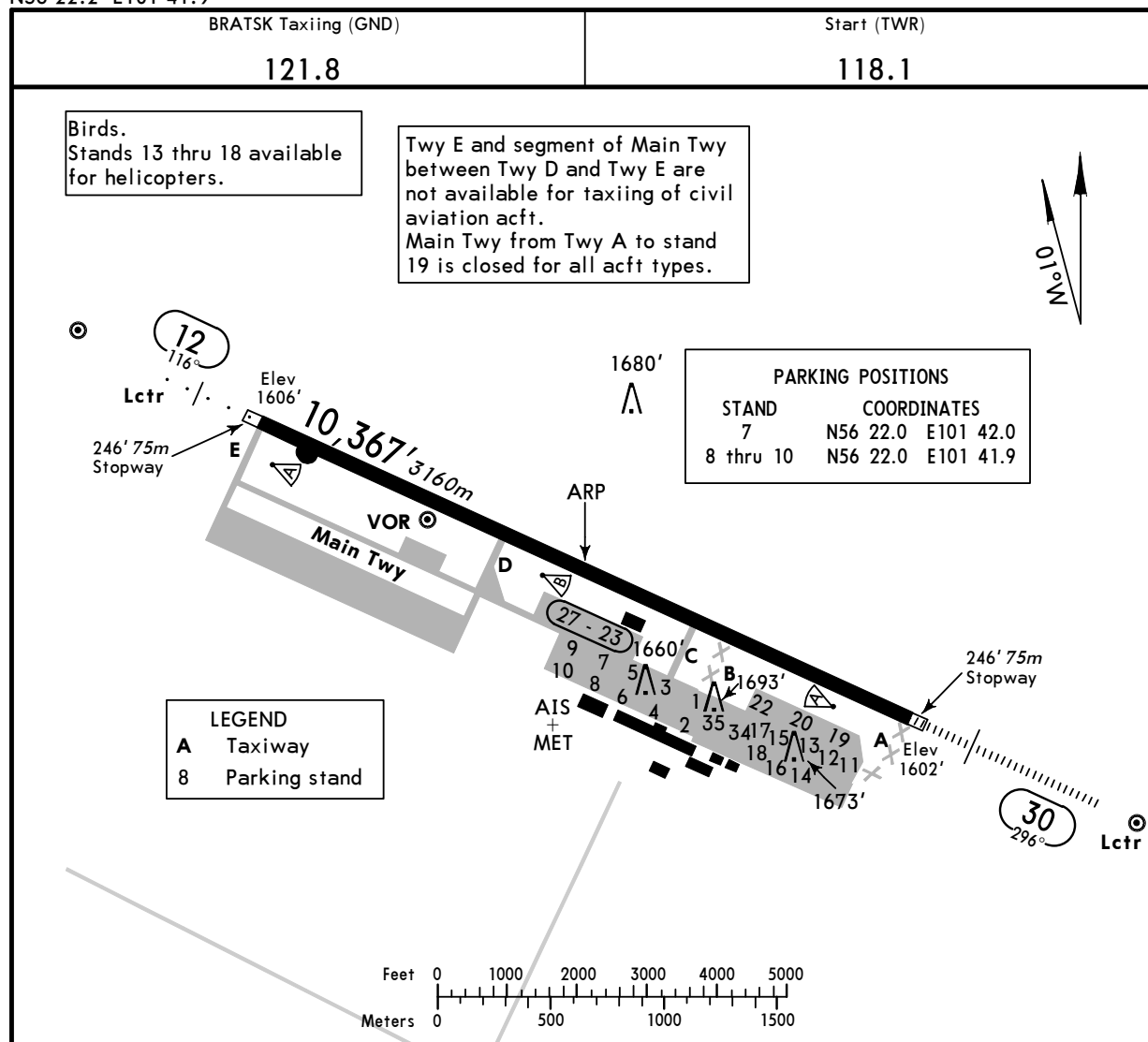
25 FEB 11

(10-9)

Eff 10 Mar

BRATSK, RUSSIA

BRATSK



ADDITIONAL RUNWAY INFORMATION						
RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			LANDING	BEYOND		
			Threshold	Glide Slope		
12	HIRL (60m) ALS	RVR				197'
30	HIRL (60m) HIALS PAPI-L	RVR		9759' 2975m		60m

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

UIBB/BTK


JEPPESEN
 3 JUL 09 **10-9S**
Standard
BRATSK, RUSSIA
BRATSK

STRAIGHT-IN RWY		A	B	C	D
12	VOR ①	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1500m	R1500m	R1600m	R1600m
	VOR	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1600m	R1600m	R1800m	R1800m
	ALS out	R1800m	R1800m	R2000m	R2000m
	2 NDB ①	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1600m	R1600m	R1600m	R1600m
	NDB	2250' (644')	2250' (644')	2250' (644')	2250' (644')
30		C3000m	C3000m	C3200m	C3200m
	ALS out	C3200m	C3200m	C3400m	C3400m
	ILS	1802' (200')	1802' (200')	1802' (200')	1802' (200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ①	1940' (338')	1940' (338')	1940' (338')	1940' (338')
		R800m	R800m	R800m	R800m
	ALS out	R1500m	R1500m	R1500m	R1500m
	VOR	1940' (338')	1940' (338')	1940' (338')	1940' (338')
		R1000m	R1000m	R1200m	R1200m
	ALS out	R1700m	R1700m	R1900m	R1900m
	NDB ①	1940' (338')	1940' (338')	1940' (338')	1940' (338')
		R800m	R800m	R800m	R800m
	ALS out	R1500m	R1500m	R1500m	R1500m

① Continuous Descent Final Approach.

TAKE-OFF RWY 12, 30

LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

UIBB/BTK


JEPPESEN
 25 FEB 11 **10-9S** Eff 10 Mar

Standard
BRATSK, RUSSIA
 BRATSK

STRAIGHT-IN RWY		A	B	C	D
12	VOR ①	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1500m	R1500m	R1600m	R1600m
	2 NDB ①	1960' (354')	1960' (354')	1960' (354')	1960' (354')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1500m	R1500m	R1600m	R1600m
30	NDB	2260' (654')	2260' (654')	2260' (654')	2260' (654')
		C3000m	C3000m	C3200m	C3200m
	ALS out	C3200m	C3200m	C3400m	C3400m
	ILS	1802' (200')	1802' (200')	1802' (200')	1802' (200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
30	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	VOR ①	1950' (348')	1950' (348')	1950' (348')	1950' (348')
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
	NDB ①	1960' (358')	1960' (358')	1960' (358')	1960' (358')
30		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m

① Continuous Descent Final Approach.

TAKE-OFF RWY 12, 30

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

UIBB/BTK

JEPPESEN

3 MAY 02

10-9X

JAA MINIMUMS
BRATSK, RUSSIA
BRATSK

STRAIGHT-IN RWY		A	B	C	D
12	VOR DME	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1300m	R1400m	R1600m	R1800m
	ALS out	R1500m	R1500m	R1800m	R2000m
	2 NDB	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1300m	R1400m	R1600m	R1800m
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	2250' (644')	2250' (644')	2250' (644')	2250' (644')
	(BACK CRS)	R1500m	R1500m	R1800m	R2000m
	ALS out	R1500m	R1500m	R2000m	R2000m
30	ILS	1802' (200')	1802' (200')	1802' (200')	1802' (200')
		R550m	R550m	R550m	R550m
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	VOR DME	1940' (338')	1940' (338')	1940' (338')	1940' (338')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m
	NDB	1940' (338')	1940' (338')	1940' (338')	1940' (338')
		R900m	R1000m	R1000m	R1400m
	ALS out	R1500m	R1500m	R1800m	R2000m

TAKE-OFF RWY 12, 30

LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A		NIL (DAY only)
B	250m	400m
C		
D	300m	
		500m

UIBB/BTK


JEPPESEN
 25 FEB 11 **10-9X** **Eff 10 Mar**
JAA MINIMUMS
BRATSK, RUSSIA
BRATSK

STRAIGHT-IN RWY		A	B	C	D
12	VOR DME	1950' (344')	1950' (344')	1950' (344')	1950' (344')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	2 NDB	1960' (354')	1960' (354')	1960' (354')	1960' (354')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	NDB	2260' (654')	2260' (654')	2260' (654')	2260' (654')
	(BACK CRS)	R1500m	R1500m	R2000m	R2000m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
30	ILS	1802' (200')	1802' (200')	1802' (200')	1802' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	VOR DME	1950' (348')	1950' (348')	1950' (348')	1950' (348')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	NDB	1950' (348')	1950' (348')	1950' (348')	1950' (348')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m

TAKE-OFF RWY 12, 30

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

UIBB/BTK
BRATSK

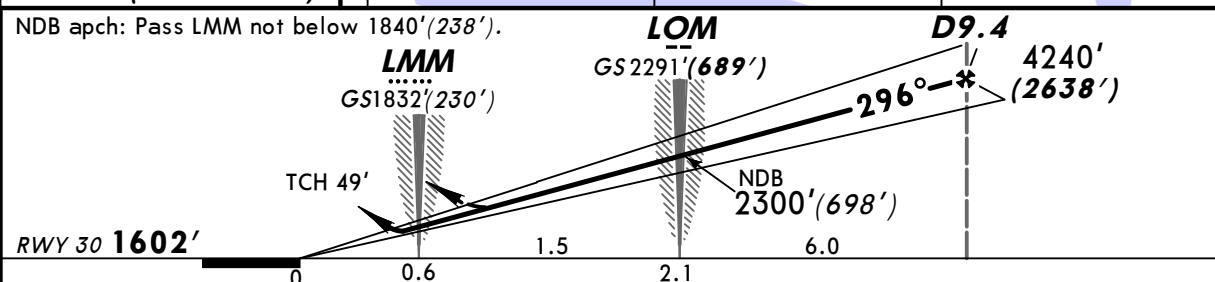
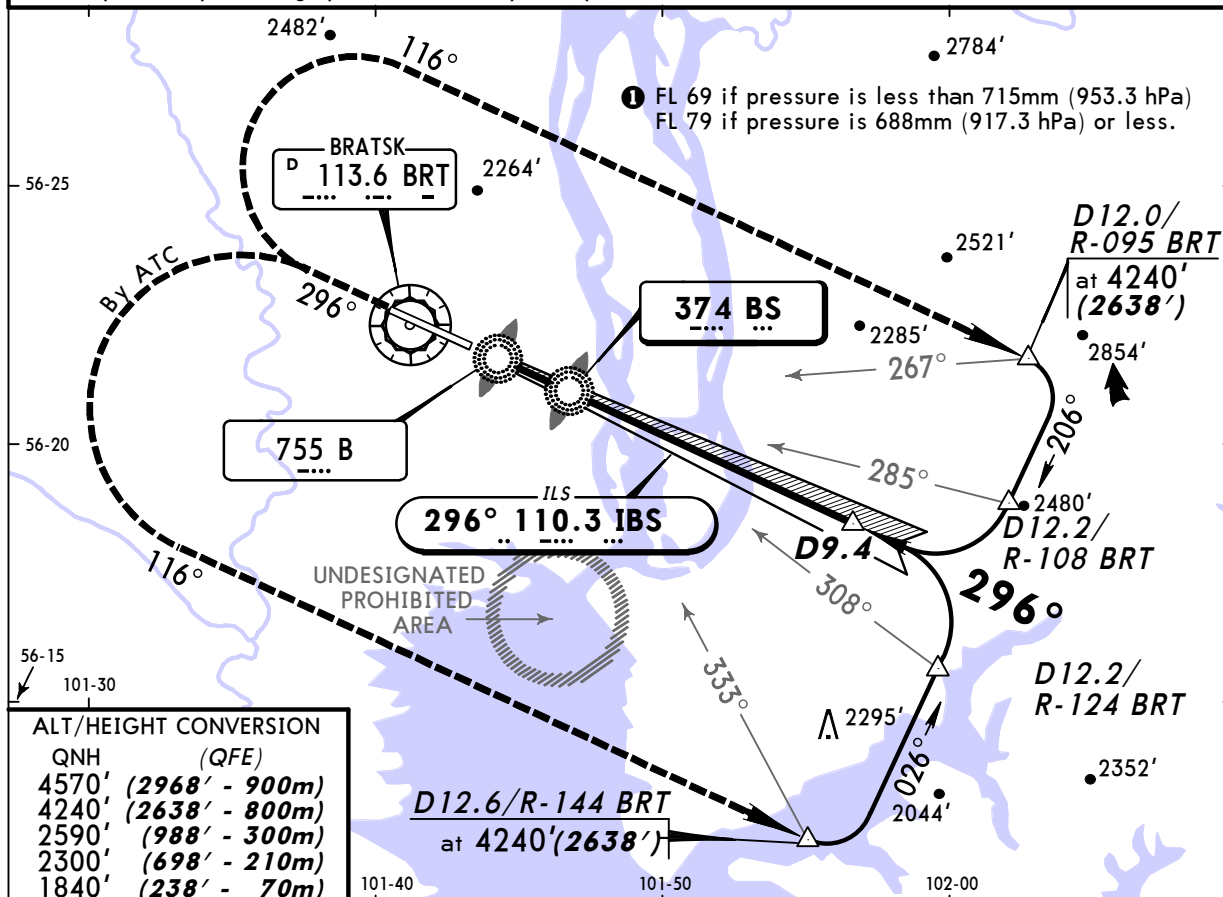
JEPPESEN
19 NOV 10 (11-1)

BRATSK, RUSSIA
ILS or 2 NDB Rwy 30

BRATSK Approach 118.1		BRATSK Krug (RDR) 118.1	BRATSK Start (TWR) 118.1	Ground 121.8	MSA ARP
LOC IBS 110.3	<i>Final Apch Crs</i> 296°	GS LOM 2291'(689')	ILS DA(H) 1802'(200')	<i>Apt Elev</i> 1610' <i>RWY</i> 1602'	
NDB BS 374		<i>Minimum Alt D9.4</i> 4240'(2638')	<i>NDB MDA(H)</i> 1940'(338')		

MISSED APCH: Climb on 296° to 2590' (988'), then turn RIGHT (By ATC: LEFT) onto 116° climbing to 4240' (2638'), then according to chart.

Alt Set: MM (hPa on req) QNH on req (**QFE**) Trans level: FL 59 **①** Trans alt: 4570'(**2968'**)
Ground proximity warning system action may take place on final.



Gnd speed-Kts	70	90	100	120	140	160		2590'		296°
ILS GS or NDB Desc Angle 3.00°	377	485	539	647	755	862		(988') on		

STRAIGHT-IN LANDING RWY 30						
ILS <i>DA(H)</i> 1802'(200')			LOC (GS out)	NDB <i>MDA(H)</i> 1940'(338')		
FULL		ALS out			ALS out	
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1500m VIS 1600m	
B						
C						
D				RVR 1500m VIS 1600m		

CHANGES: MSA. Trans alt.

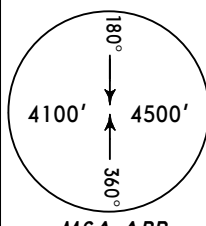
© JEPPESEN, 1999, 2010. ALL RIGHTS RESERVED.

UIBB/BTK BRATSK

JEPPesen
25 FEB 11 **(11-1)** Eff 10 Mar

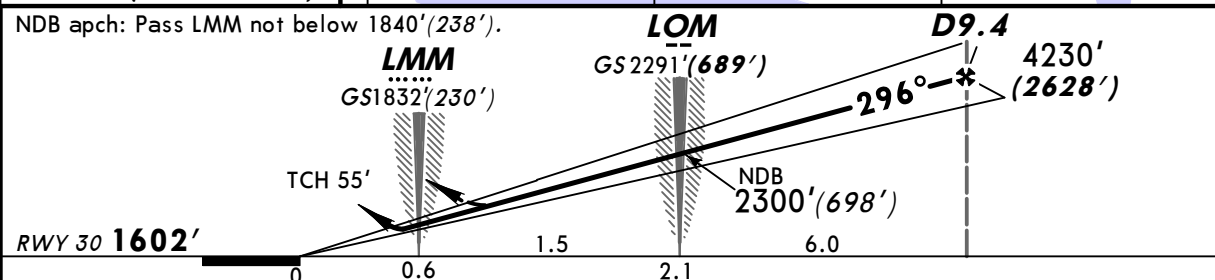
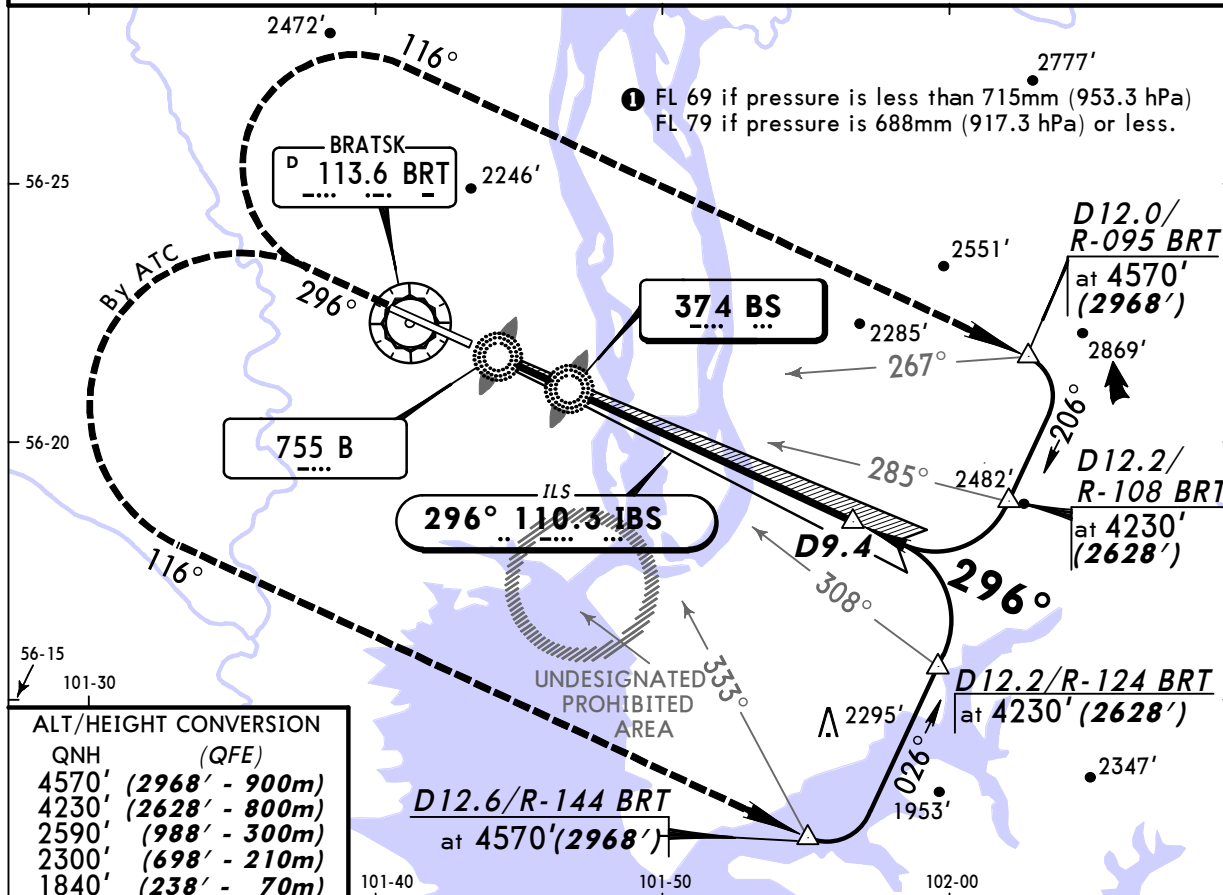
BRATSK, RUSSIA
ILS or 2 NDB Rwy 30

BRIEFING STRIP

BRATSK Approach 118.1		BRATSK Krug (RDR) 118.1		BRATSK Start (TWR) 118.1		Ground 121.8		
LOC IBS 110.3	Final Apch Crs 296°	GS LOM 2291'(689')	ILS DA(H) 1802'(200')		Apt Elev 1610'			
NDB BS 374		Minimum Alt D9.4 4230'(2628')	NDB MDA(H) 1950'(348')		RWY 1602'			

MISSED APCH: Climb on 296° to 2590'(988'), then turn RIGHT (By ATC: LEFT) onto 116° climbing to 4570'(2968'), then according to chart.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 **1** Trans alt: 4570'(2968')
Ground proximity warning system action may take place on final.



Gnd speed-Kts	70	90	100	120	140	160	
ILS GS or	377	484	538	646	753	861	
NDB Desc Angle 3.00°							

STRAIGHT-IN LANDING RWY 30					
ILS		LOC		NDB	
DA(H) 1802'(200')		(GS out)		MDA(H) 1950'(348')	
FULL	ALS out				ALS out
A					
B					
C	RVR 720m VIS 800m	1200m		1200m	RVR 1500m VIS 1600m
D		NOT AUTH		RVR 1500m VIS 1600m	RVR 1800m VIS 2000m

PANS OPS

UIBB/BTK
BRATSK

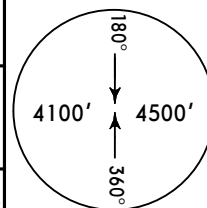
JEPPESSEN
19 NOV 10 (13-1)

BRATSK, RUSSIA
VOR DME Rwy 12

BRIEFING STRIP

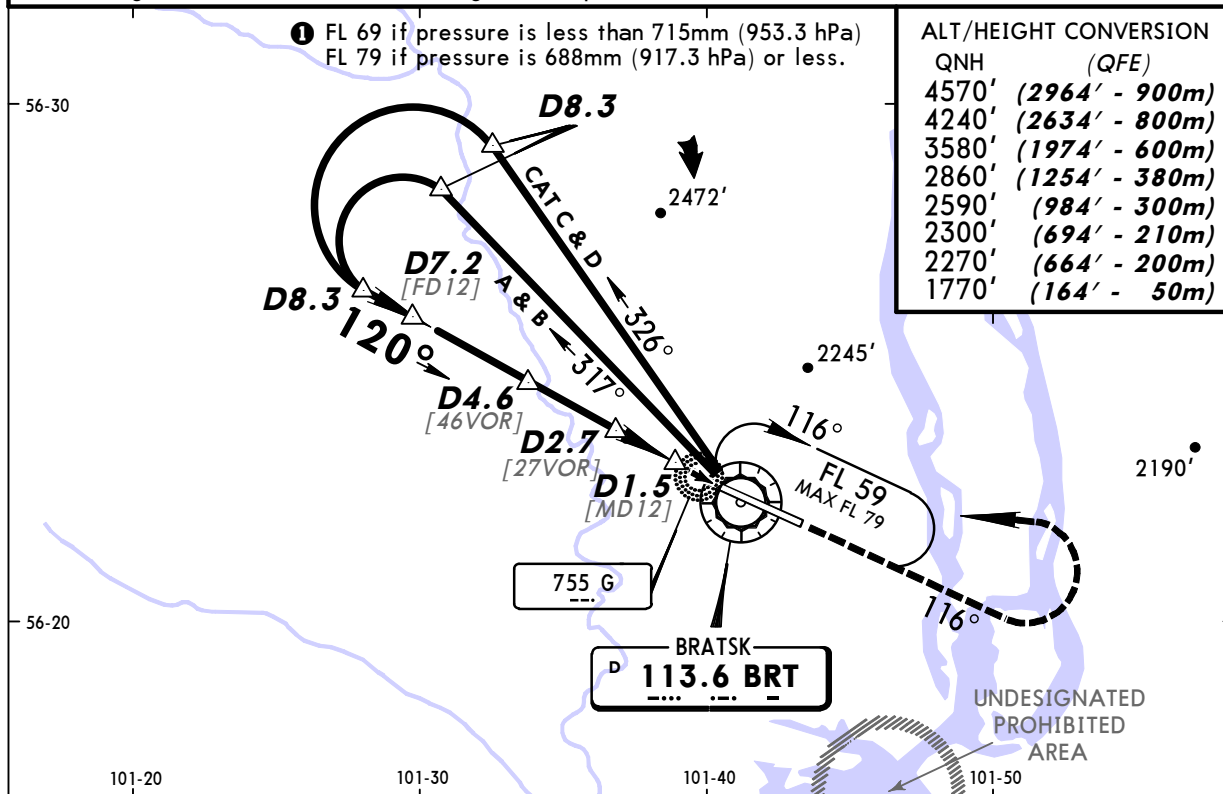
BRATSK Approach		BRATSK Krug (RDR)		BRATSK Start (TWR)		Ground
118.1		118.1		118.1		121.8
VOR		Final	Minimum Alt	MDA(H)	Apt Elev 1610'	
BRT		Apch Crs	D7.2		RWY 1606'	
113.6		120°	3580' (1974')	1950' (344')		

MISSED APCH: Climb on 116° to CAT A & B: 2270' (664') CAT C & D: 2590' (984'), then turn LEFT climbing to 4240' (2634') to VOR, then according to chart, or as directed.

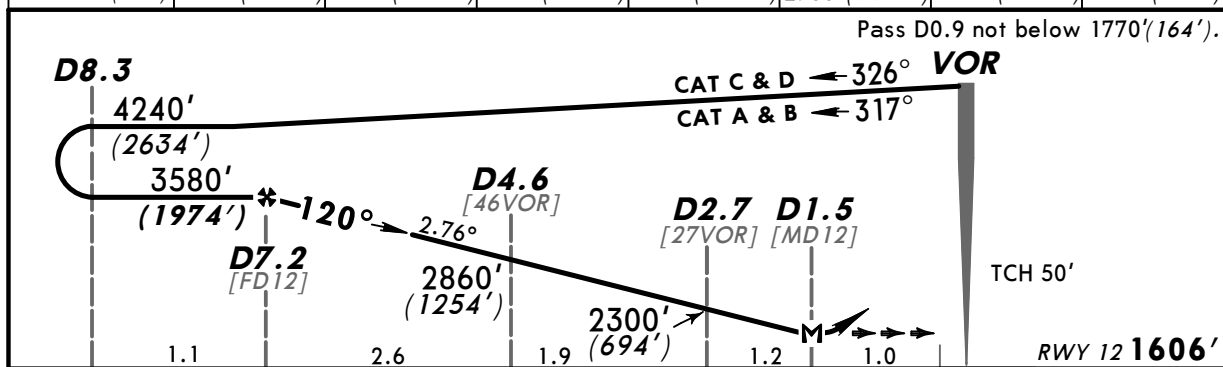


MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 ① Trans alt: 4570' (2964')
When using radar control, radar vectoring shall be provided to D8.3/R-300.



BRT DME	6.5	5.9	5.4	4.9	4.3	3.8	3.2
ALTITUDE (HAT)	3370' (1764')	3220' (1614')	3070' (1464')	2910' (1304')	2760' (1154')	2610' (1004')	2450' (844')



Gnd speed-Kts	70	90	100	120	140	160	
Descent angle 2.76°	342	439	488	586	683	781	
MAP at D1.5							

STRAIGHT-IN LANDING RWY 12				
MDA(H) 1950'(344')				
ALS out				
A	1900m			
B				
C				
D	RVR 1800m VIS 2000m			

PANS OPS

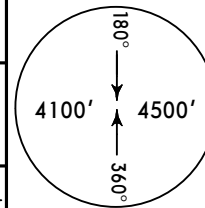
UIBB/BTK
BRATSK

JEPPesen
25 FEB 11 **(13-1)** Eff 10 Mar

BRATSK, RUSSIA
VOR DME Rwy 12

BRIEFING STRIP

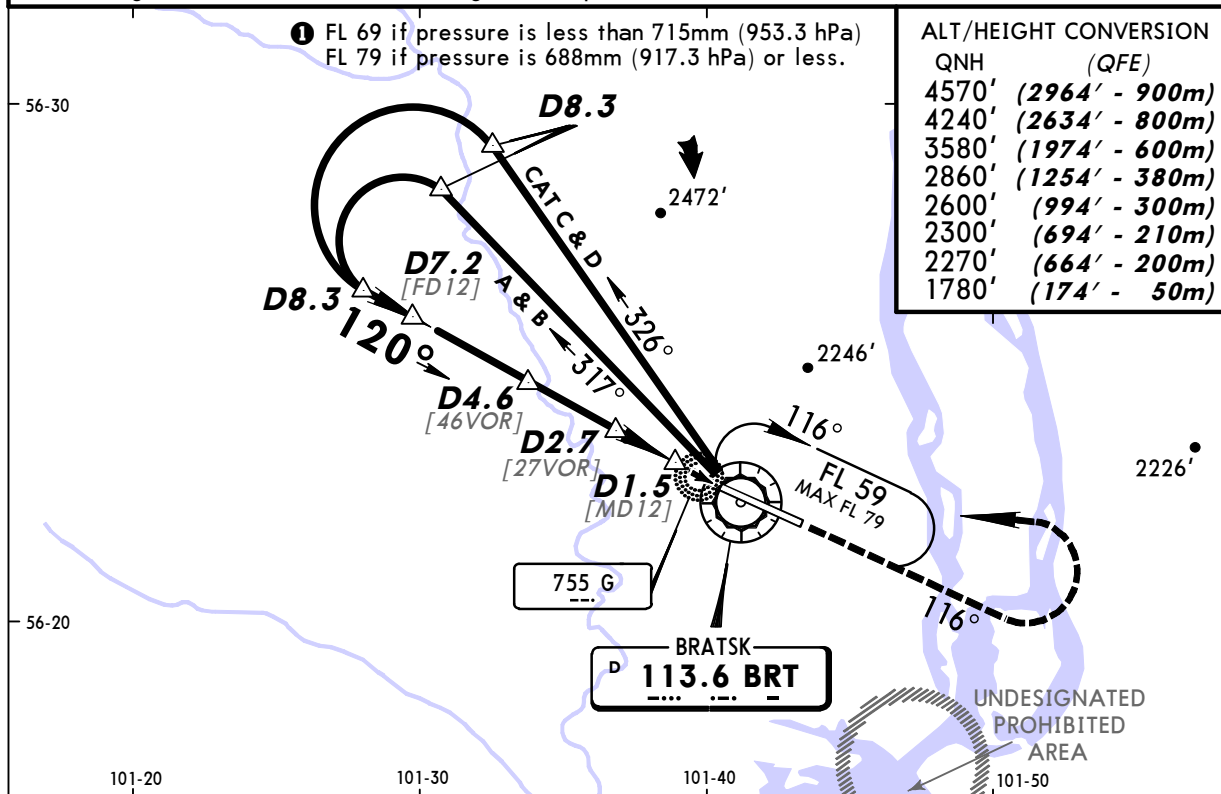
BRATSK Approach	BRATSK Krug (RDR)	BRATSK Start (TWR)	Ground
118.1	118.1	118.1	121.8
VOR BRT 113.6	Final Apch Crs 120°	Minimum Alt D7.2 3580' (1974')	MDA(H) 1950' (344') Apt Elev 1610' RWY 1606'



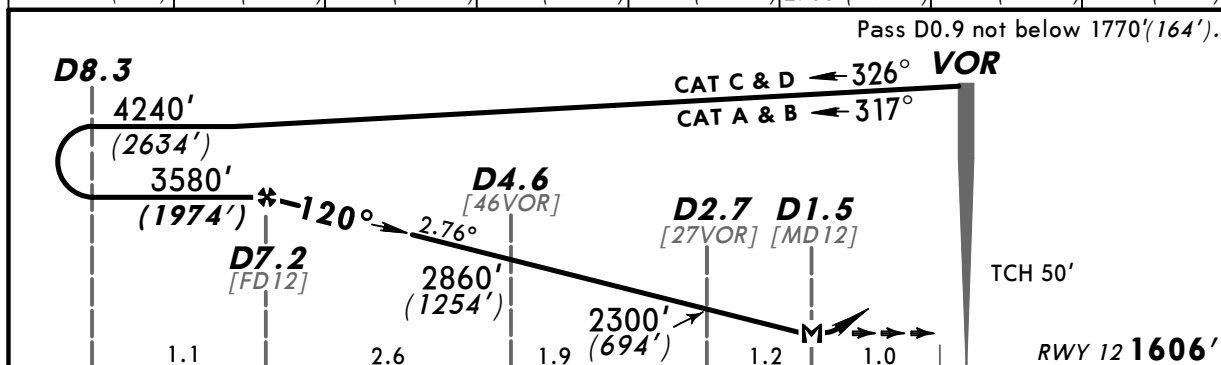
MSA ARP

MISSED APCH: Climb on 116° 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.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 ① Trans alt: 4570' (2964')
When using radar control, radar vectoring shall be provided to D8.3/R-300.



BRT DME	6.5	5.9	5.4	4.9	4.3	3.8	3.2
ALTITUDE (HAT)	3370' (1764')	3220' (1614')	3070' (1464')	2910' (1304')	2760' (1154')	2610' (1004')	2450' (844')



Gnd speed-Kts	70	90	100	120	140	160	
Descent Angle 2.76°	342	439	488	586	683	781	
MAP at D1.5							

STRAIGHT-IN LANDING RWY 12		
MDA(H) 1950' (344')		
ALS out		
A		
B	1900m	
C		
D	RVR 1800m VIS 2000m	

PANS OPS

UIBB/BTK
BRATSK

JEPPESSEN
19 NOV 10 (13-2)

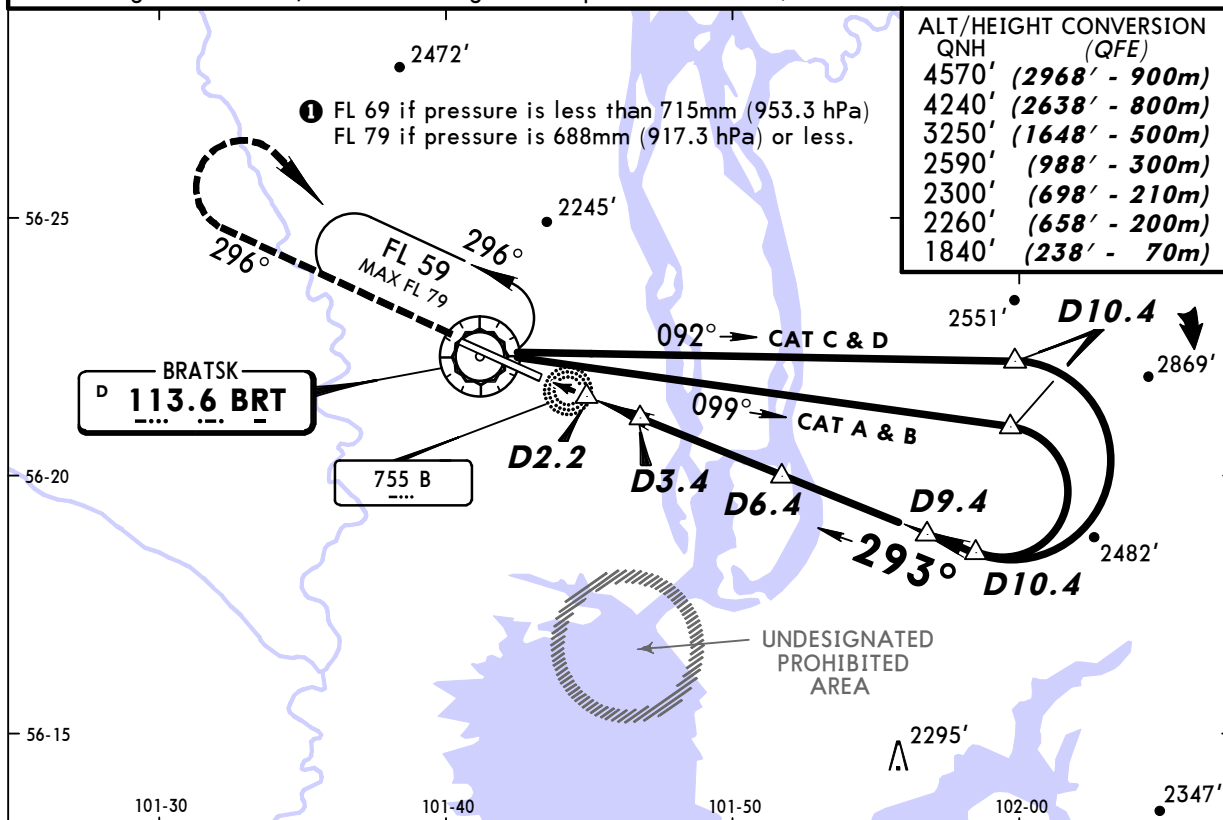
BRATSK, RUSSIA
VOR DME Rwy 30

BRIEFING STRIP

BRATSK Approach	BRATSK Krug (RDR)	BRATSK Start (TWR)	Ground	
118.1	118.1	118.1	121.8	
VOR BRT 113.6	Final Apch Crs 293°	Minimum Alt D9.4 4240' (2638')	MDA(H) 1940' (338')	Apt Elev 1610' RWY 1602'
MISSED APCH: Climb on 296° to CAT A & B: 2260' (658') CAT C & D: 2590' (988'), then turn RIGHT climbing to 4240' (2638') to VOR, then according to chart, or as directed.				
MSA ARP				

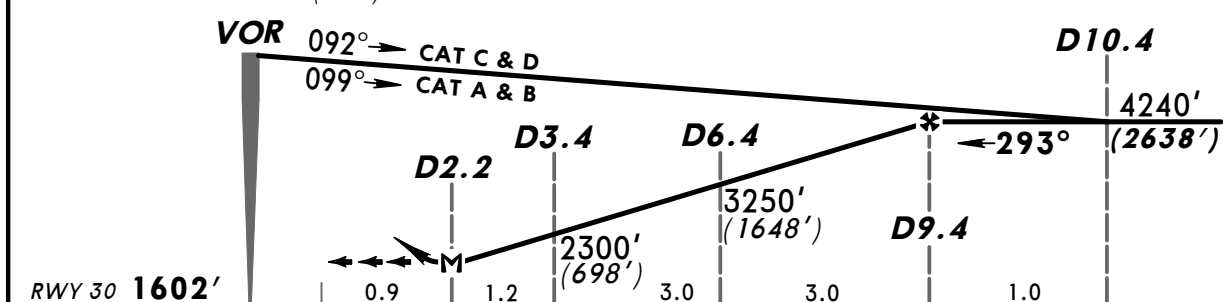
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 ① Trans alt: 4570' (2968')

When using radar control, radar vectoring shall be provided to D10.4/R-113.

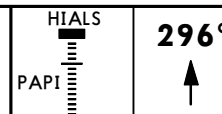


BRT DME	2.7	4.3	4.9	5.4	7.0	7.6	8.6
ALTITUDE (HAT)	2100' (498')	2620' (1018')	2790' (1188')	2970' (1368')	3480' (1878')	3660' (2058')	4000' (2398')

Pass D1.9 not below 1840' (238').



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



PANS OPS

STRAIGHT-IN LANDING RWY 30		
MDA(H) 1940' (338')		
ALS out		
A		
B	RVR 720m VIS 800m	RVR 1500m VIS 1600m
C		
D	RVR 1500m VIS 1600m	

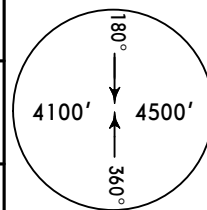
UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **(13-2)** Eff 10 Mar

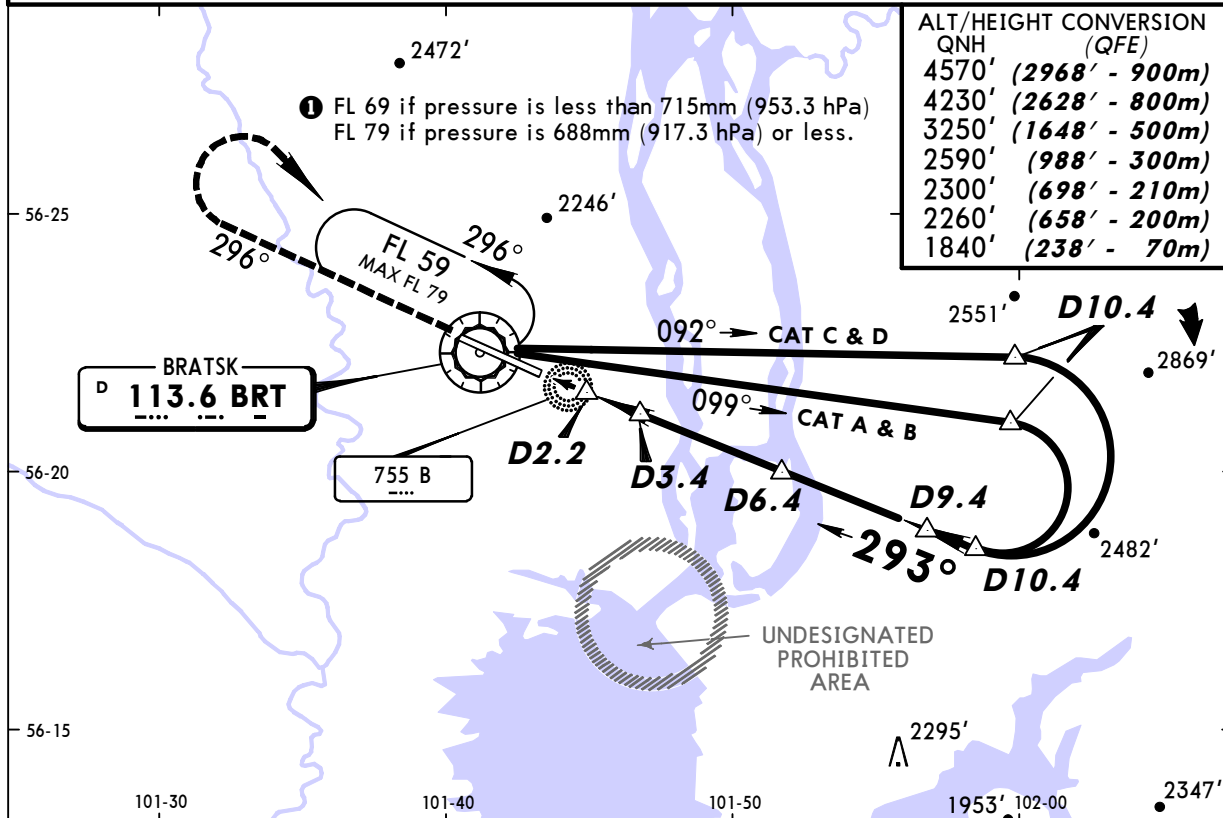
BRATSK, RUSSIA
VOR DME Rwy 30

BRIEFING STRIP

BRATSK Approach	BRATSK Krug (RDR)	BRATSK Start (TWR)	Ground
118.1	118.1	118.1	121.8
VOR BRT 113.6	Final Apch Crs 293°	Minimum Alt D9.4 4230' (2628')	MDA(H) 1950' (348') Apt Elev 1610' RWY 1602'
MISSED APCH: Climb on 296° 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 59 ① Trans alt: 4570' (2968') When using radar control, radar vectoring shall be provided to D10.4/R-113.			

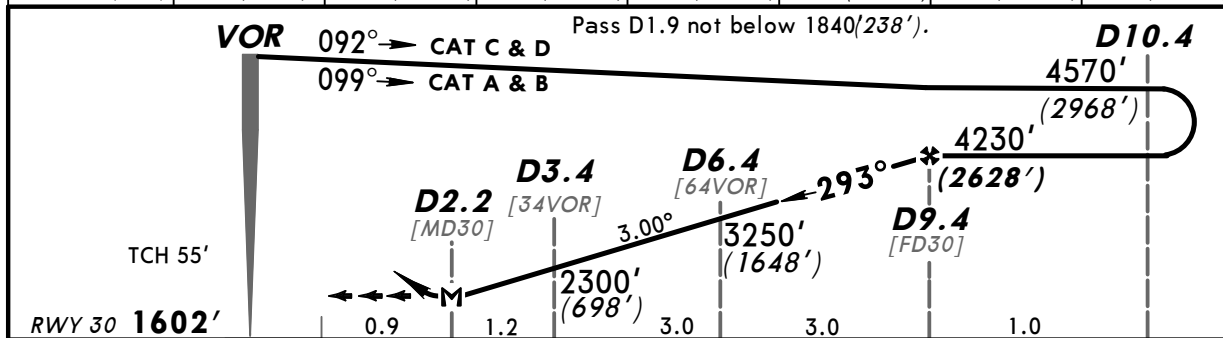


MSA ARP

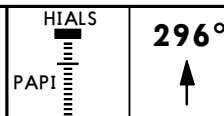


ALT/HEIGHT CONVERSION	QNH	(QFE)
4570'	(2968' - 900m)	
4230'	(2628' - 800m)	
3250'	(1648' - 500m)	
2590'	(988' - 300m)	
2300'	(698' - 210m)	
2260'	(658' - 200m)	
1840'	(238' - 70m)	

BRT DME	2.7	4.3	4.9	5.4	7.0	7.6	8.6
ALTITUDE (HAT)	2100' (498')	2620' (1018')	2790' (1188')	2970' (1368')	3480' (1878')	3660' (2058')	4000' (2398')



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



PANS OPS

STRAIGHT-IN LANDING RWY 30		ALS out	
MDA(H) 1950' (348')			
A			
B	RVR 720m VIS 800m	RVR 1500m VIS 1600m	
C			
D	RVR 1500m VIS 1600m	RVR 1800m VIS 2000m	

UIBB/BTK
BRATSK

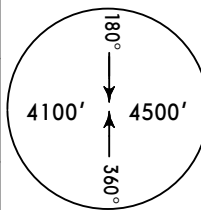
JEPPesen
19 NOV 10 **(16-1)**

BRATSK, RUSSIA
2 NDB Rwy 12

BRIEFING STRIP

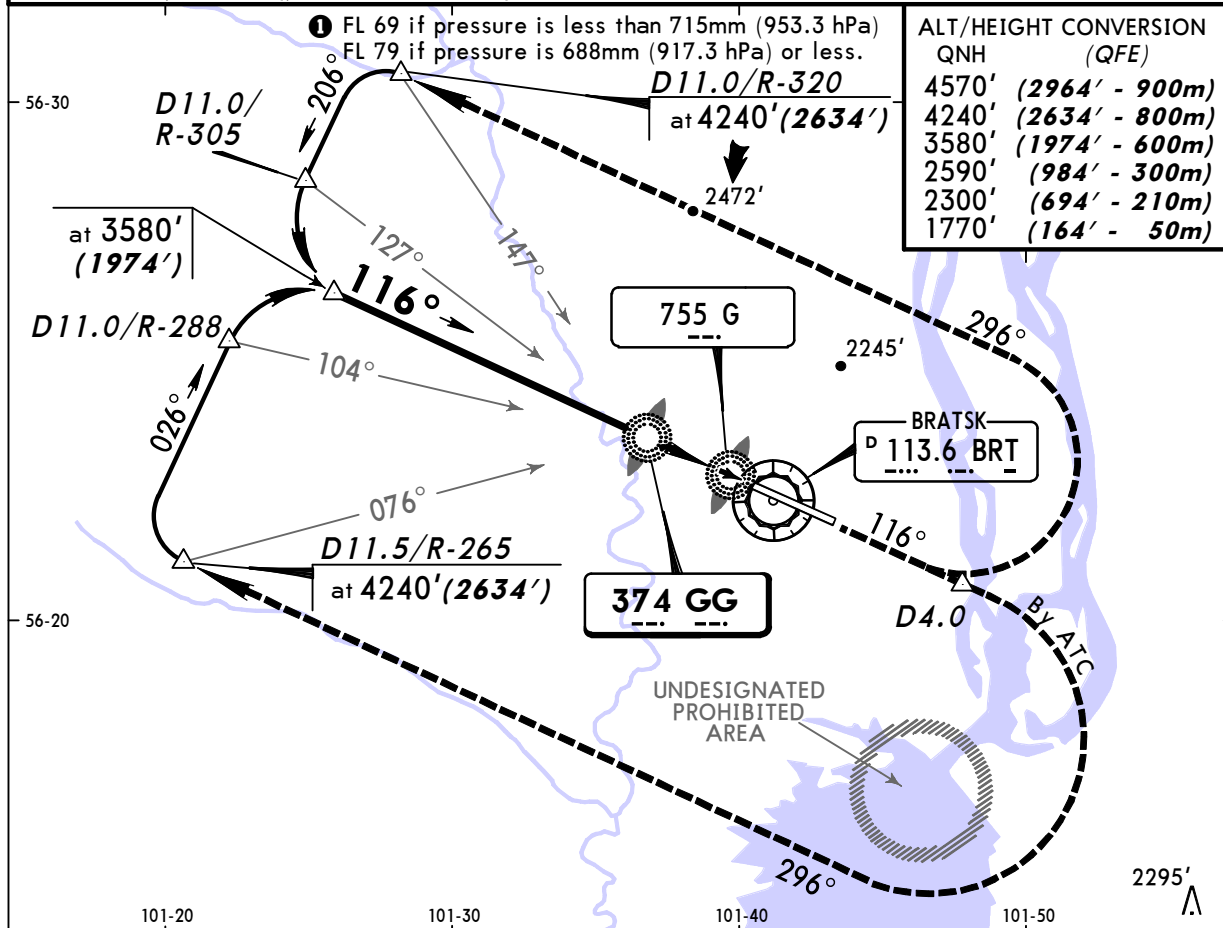
BRATSK Approach		BRATSK Krug (RDR)		BRATSK Start (TWR)		Ground	
118.1		118.1		118.1		121.8	
NDB GG	Final Apch Crs	Minimum Alt LOM	MDA(H)	Apt Elev 1610'			
374	116°	2300'(694')	1950'(344')	RWY 1606'			
MISSED APCH: Climb on 116° to 2590'(984'), then turn LEFT (By ATC: RIGHT not before D4.0) onto 296° climbing to 4240'(2634'), then according to chart.							

MSA ARP

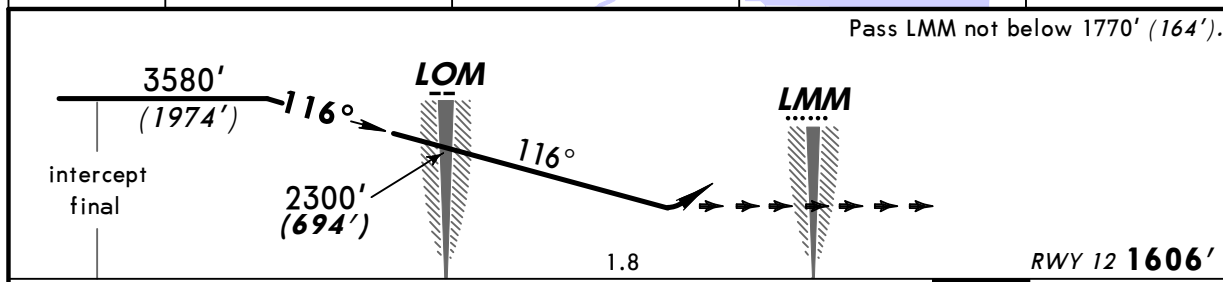


MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4570' (2964')



ALT/HEIGHT CONVERSION	
QNH	(QFE)
4570'	(2964' - 900m)
4240'	(2634' - 800m)
3580'	(1974' - 600m)
2590'	(984' - 300m)
2300'	(694' - 210m)
1770'	(164' - 50m)



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

STRAIGHT-IN LANDING RWY 12			
MDA(H) 1950'(344')			
		ALS out	
A	1900m		
B			
C			
D			
RVR 1800m VIS 2000m			

PANS OPS

UIBB/BTK
BRATSK

JEPPesen
25 FEB 11 **16-1** Eff 10 Mar

BRATSK, RUSSIA
2 NDB Rwy 12

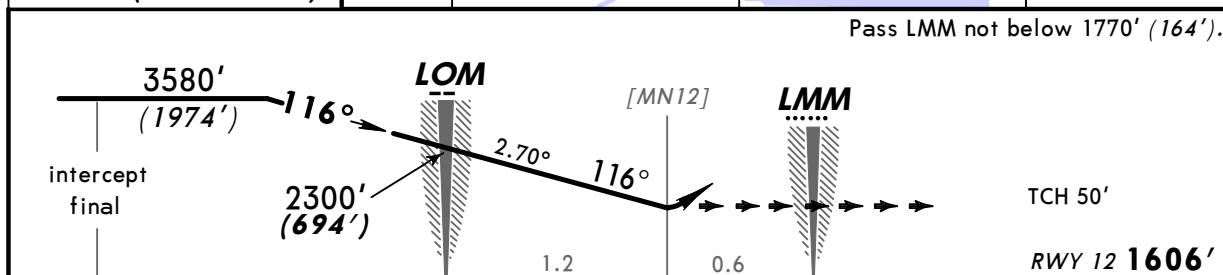
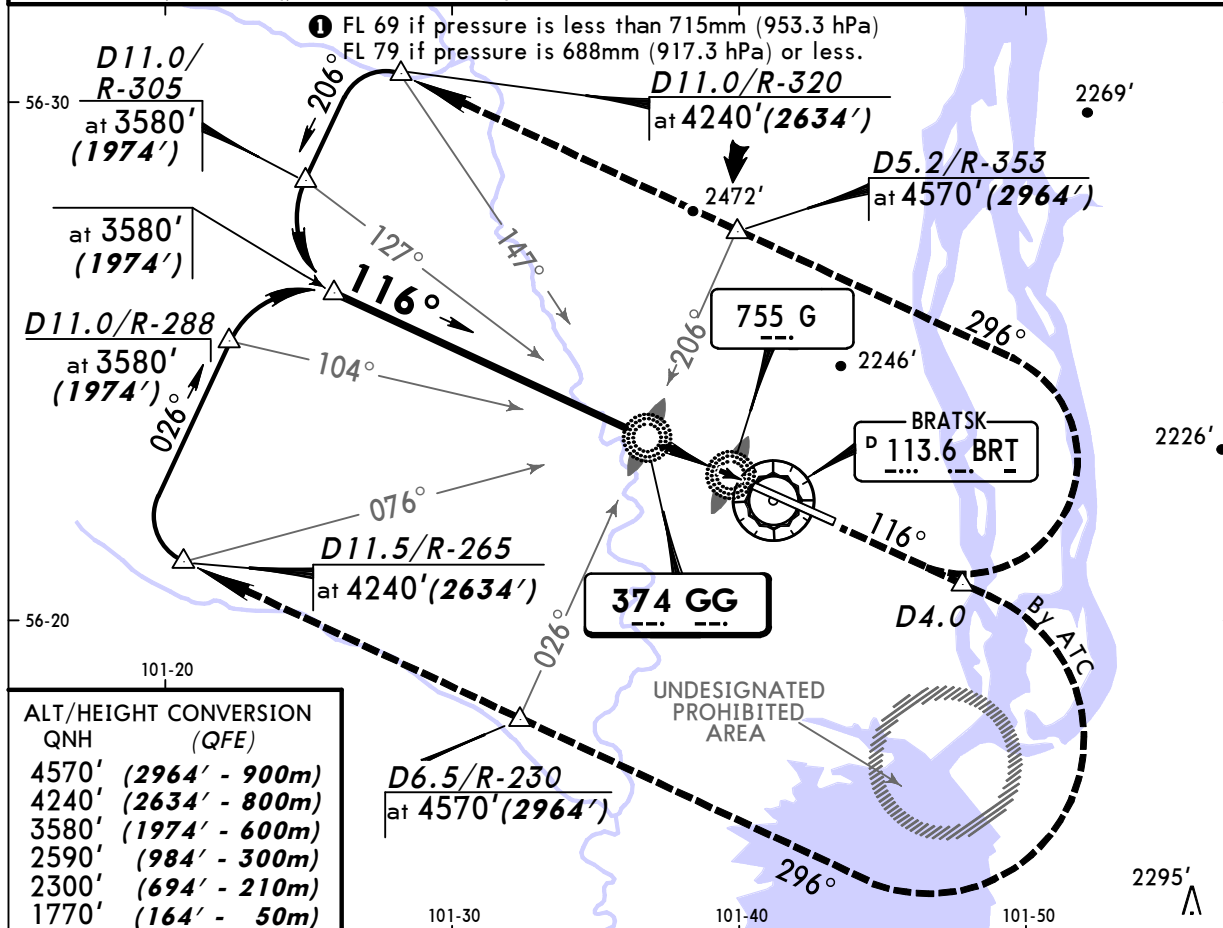
BRIEFING STRIP

BRATSK Approach		BRATSK Krug (RDR)		BRATSK Start (TWR)		Ground
118.1		118.1		118.1		121.8
NDB GG	Final Apch Crs	Minimum Alt LOM		MDA(H)		Apt Elev 1610'
374	116°	2300' (694')		1960' (354')		RWY 1606'

MISSED APCH: Climb on 116° to 2590' (984'), then turn LEFT (By ATC: RIGHT not before D4.0) onto 296° climbing to 4570' (2964'), then according to chart.

MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 Trans alt: 4570' (2964')



Gnd speed-Kts	70	90	100	120	140	160	ALS	2590' (984') on 116°
Descent Angle 2.70°	334	430	478	573	669	764		

STRAIGHT-IN LANDING RWY 12					
MDA(H) 1960'(354')					
		ALS out			
A	2000m				
B					
C					
D					

PANS OPS

UIBB/BTK
BRATSK

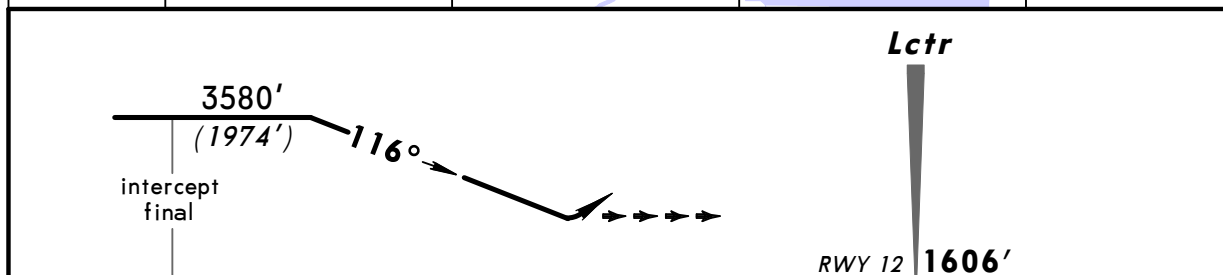
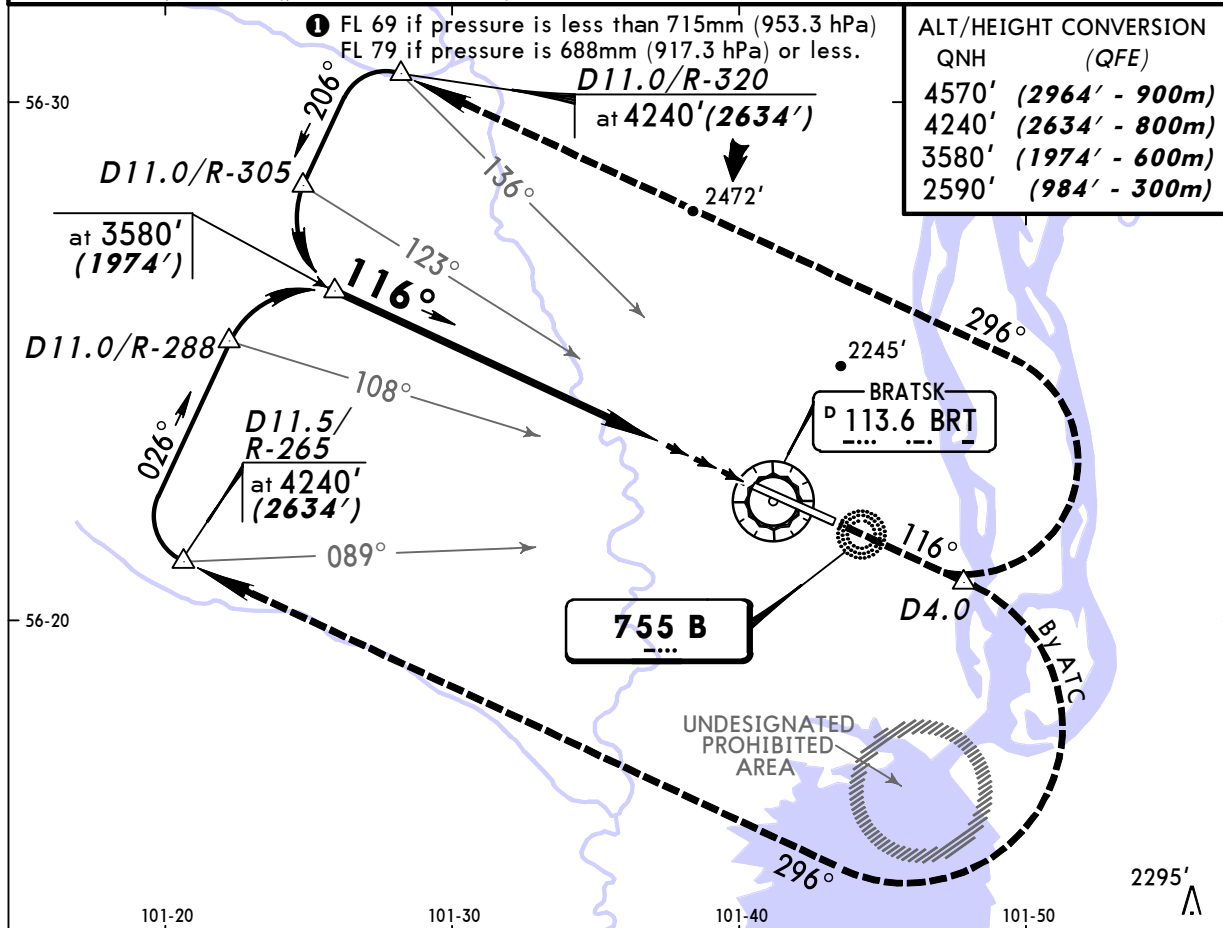
JEPPESEN
19 NOV 10 **(16-2)**

BRATSK, RUSSIA
NDB Rwy 12

BRIEFING STRIP

BRATSK Approach	BRATSK Krug (RDR)	BRATSK Start (TWR)	Ground	
118.1	118.1	118.1	121.8	
Lctr B 755	Final Apch Crs 116°	Minimum Alt No FAF	MDA(H) 2250' (644')	Apt Elev 1610' RWY 1606'
MISSED APCH: Climb on 116° to 2590' (984'), then turn LEFT (By ATC: RIGHT not before D4.0) onto 296° climbing to 4240' (2634'), then according to chart.				MSA ARP

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 59 ① Trans alt: 4570' (2964')



Gnd speed-Kts	70	90	100	120	140	160		ALS	2590' (984') on 116°
Descent Angle 2.67°	331	425	472	567	661	756			

STRAIGHT-IN LANDING RWY 12		
MDA(H) 2250' (644')		
ALS out		
A	3200m	
B		
C		
D		

PANS OPS

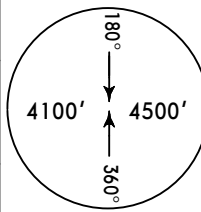
UIBB/BTK
BRATSK

JEPPESSEN
25 FEB 11 **(16-2)** Eff 10 Mar

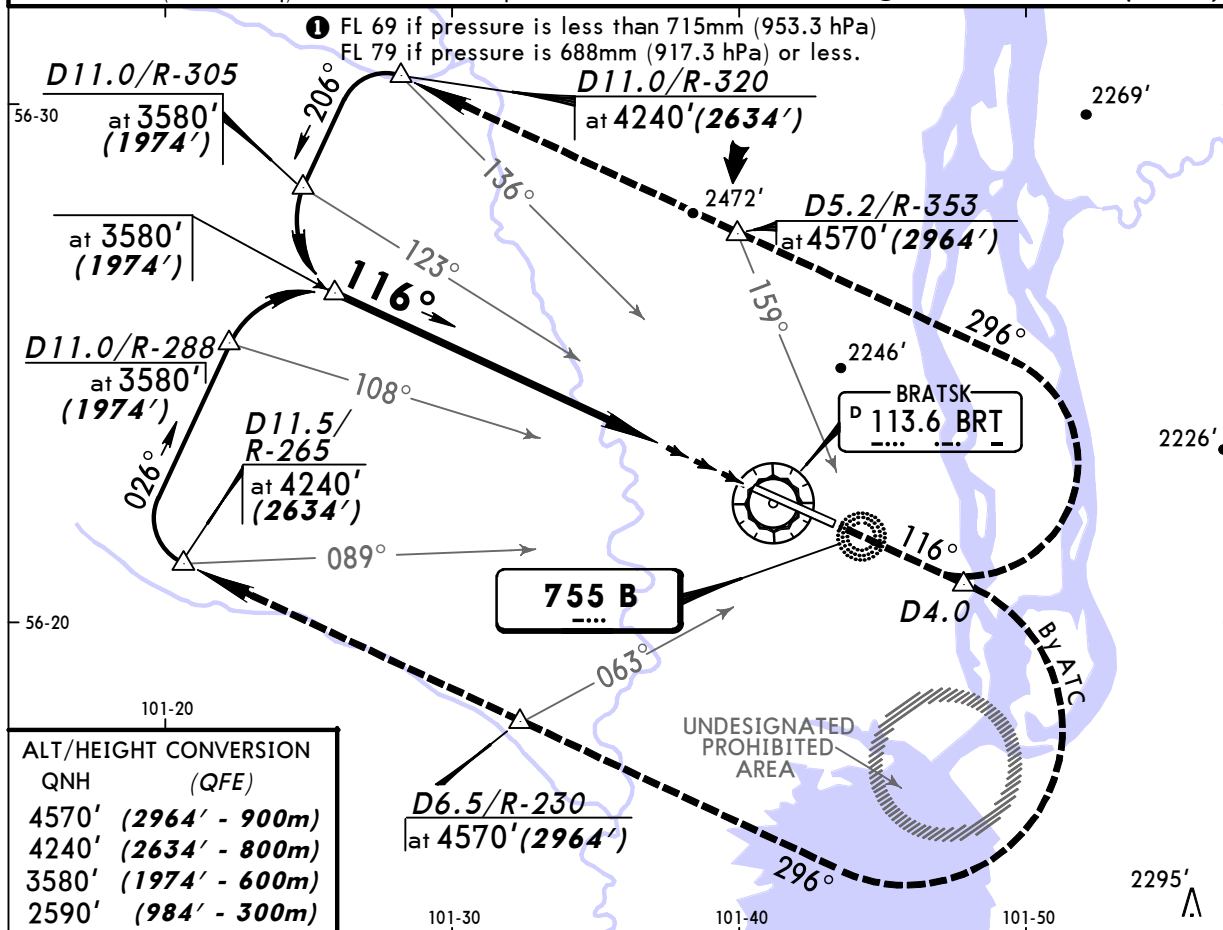
BRATSK, RUSSIA
NDB Rwy 12

BRIEFING STRIP

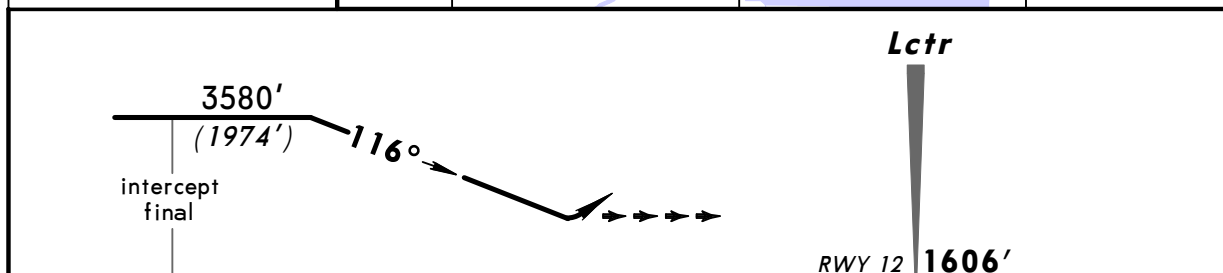
BRATSK Approach	BRATSK Krug (RDR)	BRATSK Start (TWR)	Ground	
118.1	118.1	118.1	121.8	
Lctr B 755	Final Apch Crs 116°	Minimum Alt No FAF	MDA(H) 2260' (654')	Apt Elev 1610' RWY 1606'
MISSED APCH: Climb on 116° to 2590' (984'), then turn LEFT (By ATC: RIGHT not before D4.0) onto 296° climbing to 4570' (2964'), then according to chart.				
Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 59 ①	Trans alt: 4570' (2964')	



MSA ARP



ALT/HEIGHT CONVERSION	QNH	(QFE)
4570'	(2964' - 900m)	
4240'	(2634' - 800m)	
3580'	(1974' - 600m)	
2590'	(984' - 300m)	



Gnd speed-Kts	70	90	100	120	140	160	ALS	2590' (984') on 116°
Descent Angle 2.67°	331	425	472	567	661	756		

STRAIGHT-IN LANDING RWY 12			
MDA(H) 2260'(654')			
		ALS out	
A	3200m		
B			
C			
D			

PANS OPS