

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

No revision activity since Disc 09-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UNBB

General Info

Barnaul, RUS

N 53° 21.8' E 83° 32.4' Mag Var: 8.3°E

Elevation: 838'

Public, IFR, Control Tower, Customs

Fuel: 115-145, Jet A-1

Time Zone Info: GMT+6:00 uses DST

Runway Info

Runway 06-24 9350' x 164' concrete

Runway 06 (59.0°M) TDZE 825'

Lights: Edge, ALS

Displaced Threshold Distance 1148'

Runway 24 (239.0°M) TDZE 820'

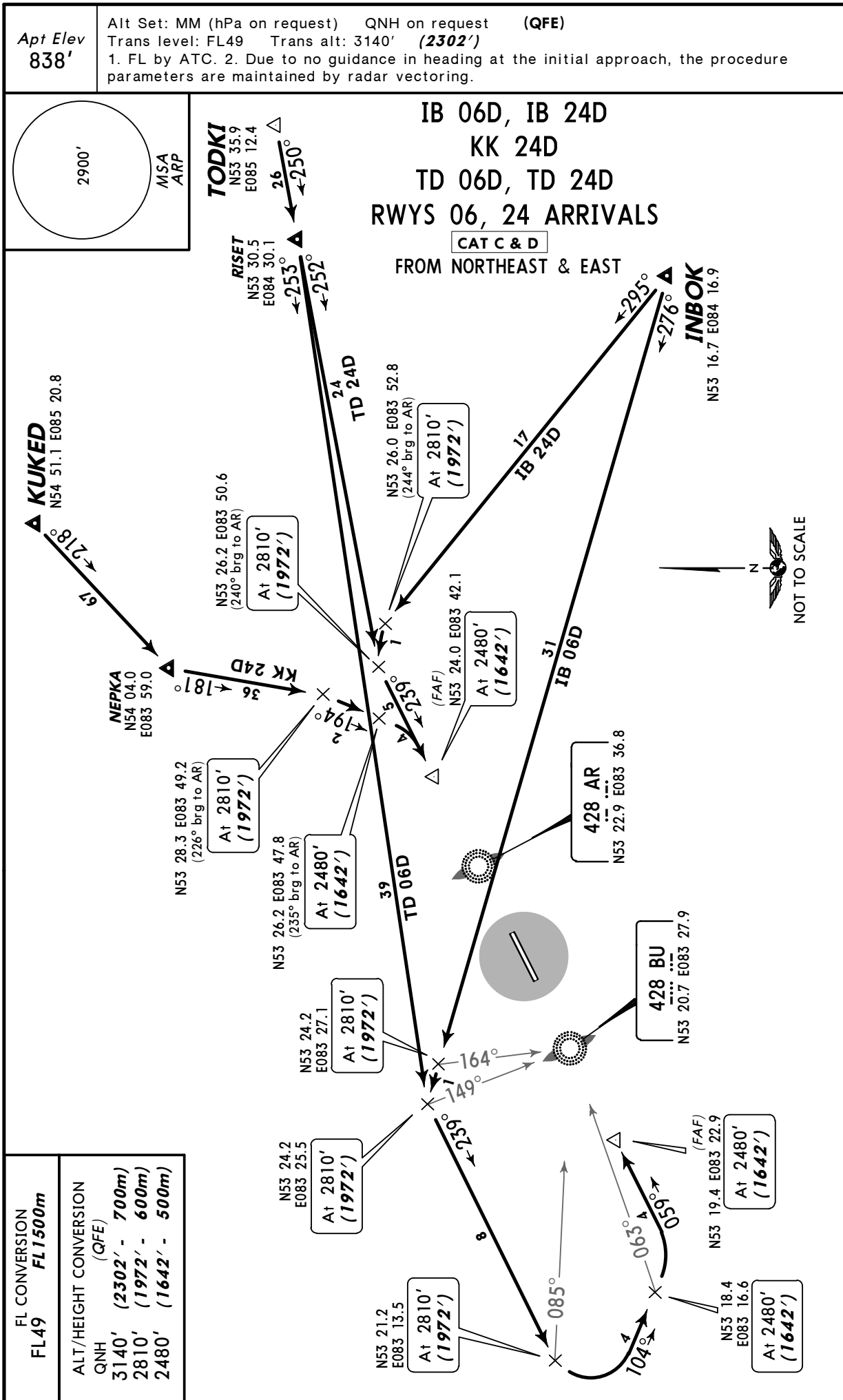
Lights: Edge, ALS

Communications InfoBarnaul Tower **123.5****Notebook Info**

UNBB/BAX
BARNAUL

JEPPESEN
 12 NOV 10 **10-2** Eff 18 Nov

BARNAUL, RUSSIA
STAR



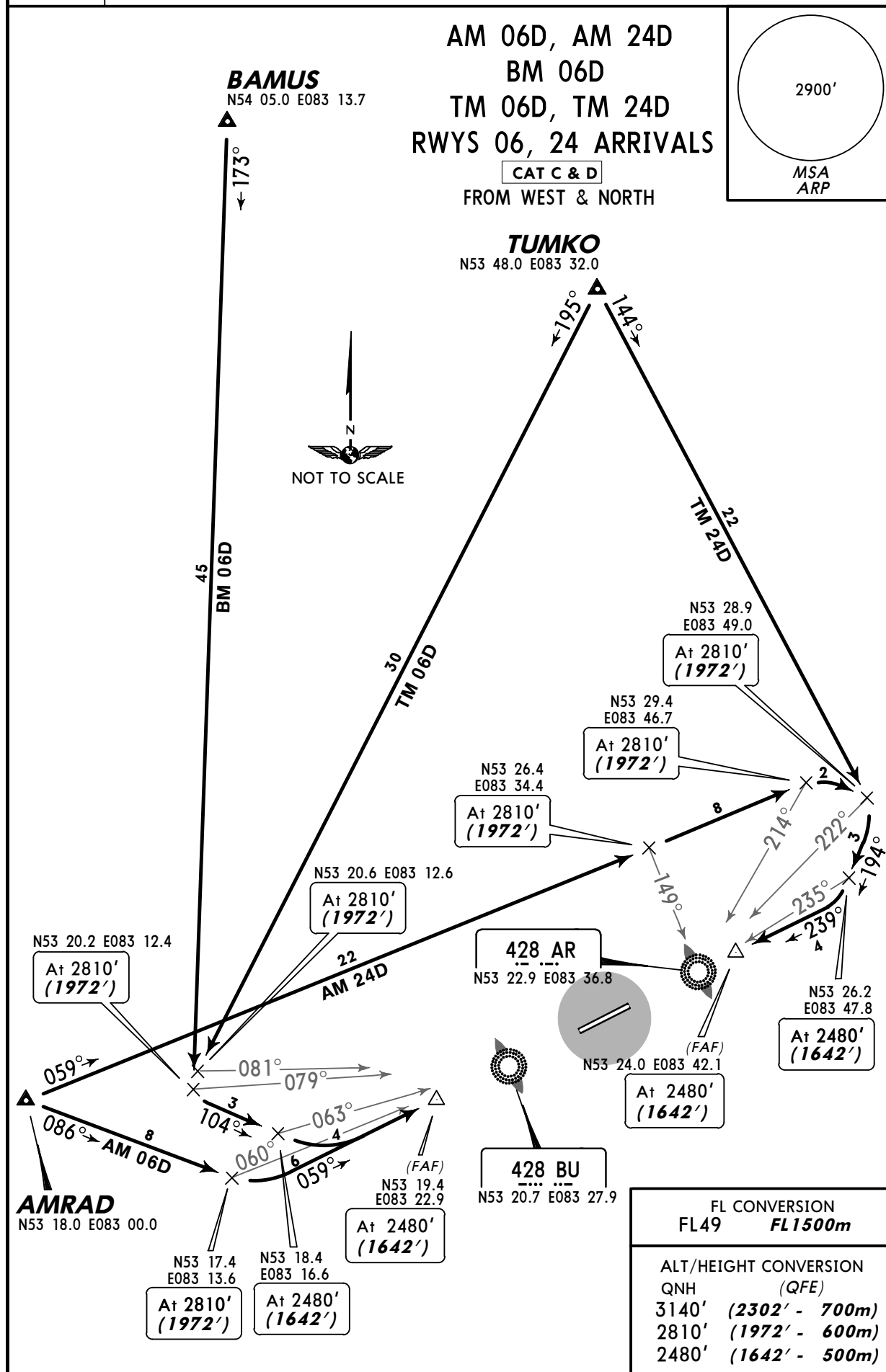
UNBB/BAX
BARNAUL

JEPPESEN
 12 NOV 10 **(10-2A)** **Eff 18 Nov**

BARNAUL, RUSSIA
STAR

Apt Elev
838'

Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL49 Trans alt: 3140' (2302')
 1. FL by ATC. 2. Due to no guidance in heading at the initial approach, the procedure parameters are maintained by radar vectoring.



UNBB/BAX
BARNAIL

12 NOV 10

JEPPESEN**Eff 18 Nov**

BARNAUL, RUSSIA

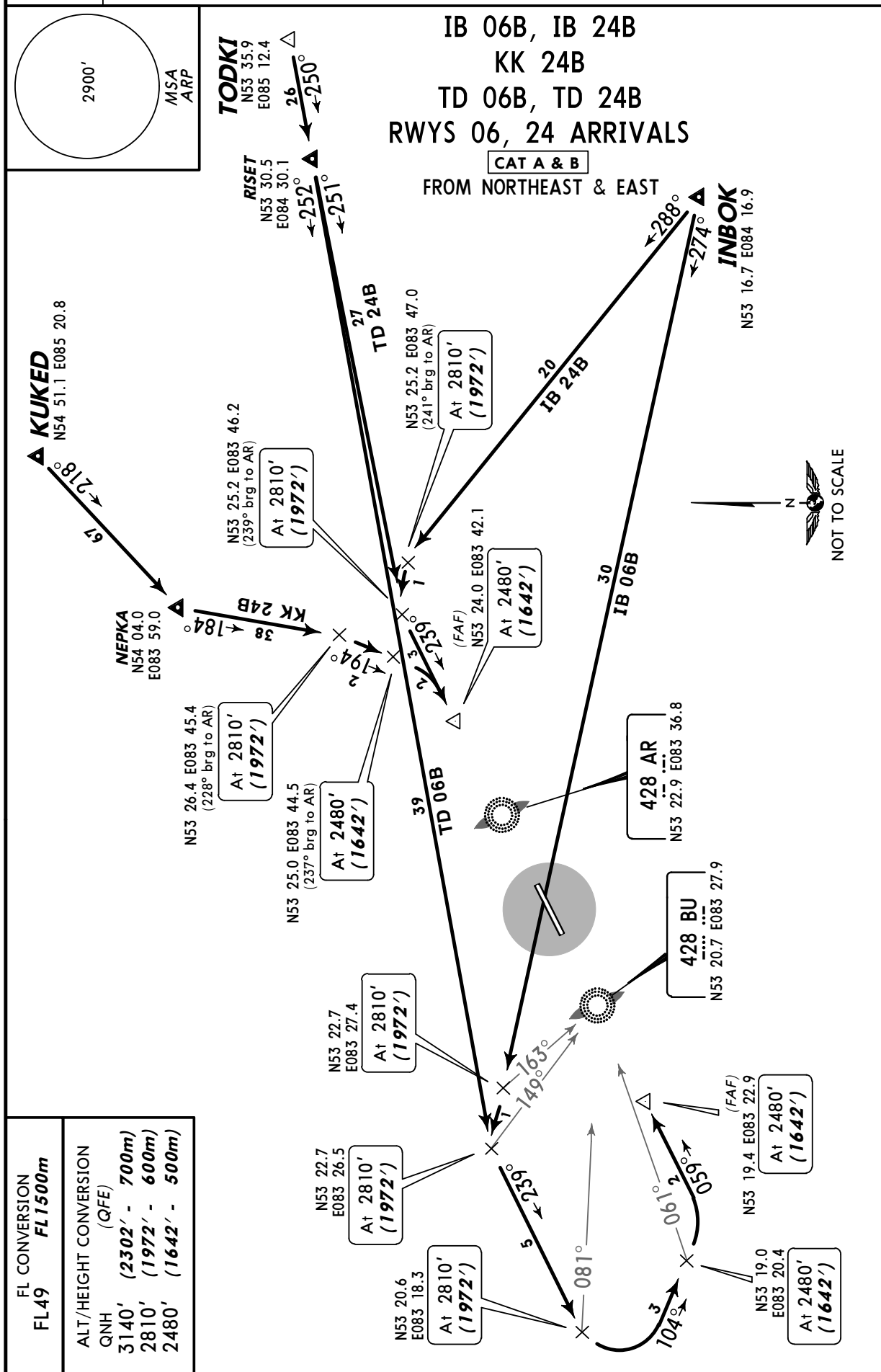
STAR

Apt Elev
838'

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

Trans level: FL49 Trans alt: 3140' **(2302')**

1. FL by ATC. 2. Due to no guidance in heading at the initial approach, the procedure parameters are maintained by radar vectoring.



CHANGES: New procedures at this airport.

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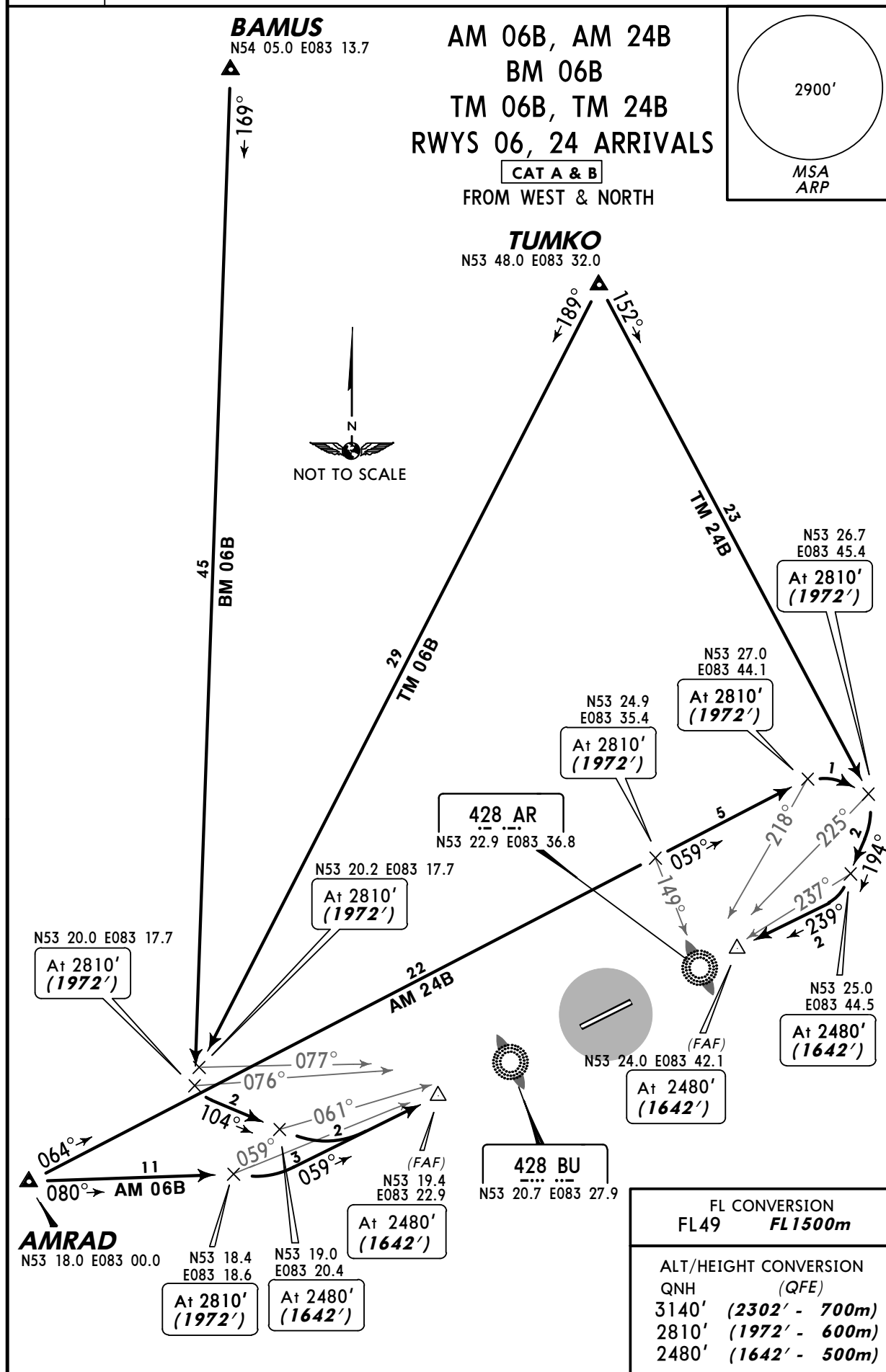
UNBB/BAX
BARNAUL

JEPPESSEN
 12 NOV 10 **(10-2C)** **Eff 18 Nov**

BARNAUL, RUSSIA
STAR

Apt Elev
838'

Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL49 Trans alt: 3140' (2302')
 1. FL by ATC. 2. Due to no guidance in heading at the initial approach, the procedure parameters are maintained by radar vectoring.

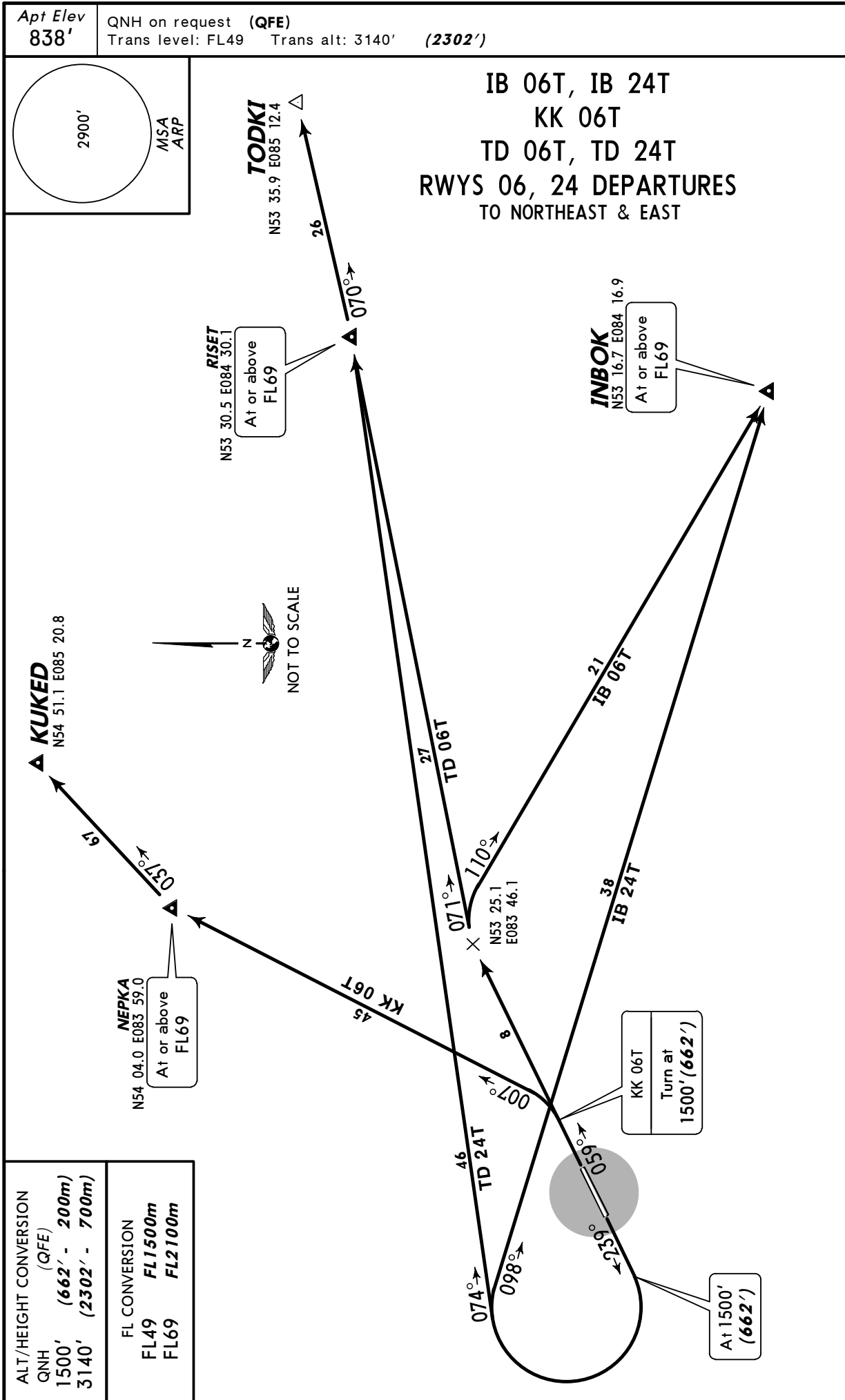


UNBB/BAX
BARNAUL

JEPPESEN
 12 NOV 10 **10-3** **Eff 18 Nov**

BARNAUL, RUSSIA

SID

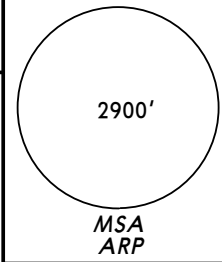


UNBB/BAX
BARNAUL

JEPPESEN
 12 NOV 10 **(10-3A)** **Eff 18 Nov**

BARNAUL, RUSSIA
SID

Apt Elev
838'
 QNH on request (QFE)
 Trans level: FL49 Trans alt: 3140' **(2302')**



AM 06T, AM 24T
BM 24T
TM 06T, TM 24T
RWYS 06, 24 DEPARTURES
TO WEST & NORTH

BAMUS
 N54 05.0 E083 13.7

At or above
 FL59

TUMKO
 N53 48.0 E083 32.0

At or above
 FL59



ALT/HEIGHT CONVERSION
 QNH (QFE)
 1500' **(662' - 200m)**
 3140' **(2302' - 700m)**

FL CONVERSION
 FL49 **FL1500m**
 FL69 **FL2100m**

AMRAD
 N53 18.0 E083 00.0

At or above
 FL59



20
AM 24T

30
AM 06T

50
BM 24T

31
TM 24T

29
TM 06T

←239°

←345°

At
 1500' **(662')**

←343°

003°

At
 1500' **(662')**

←253°

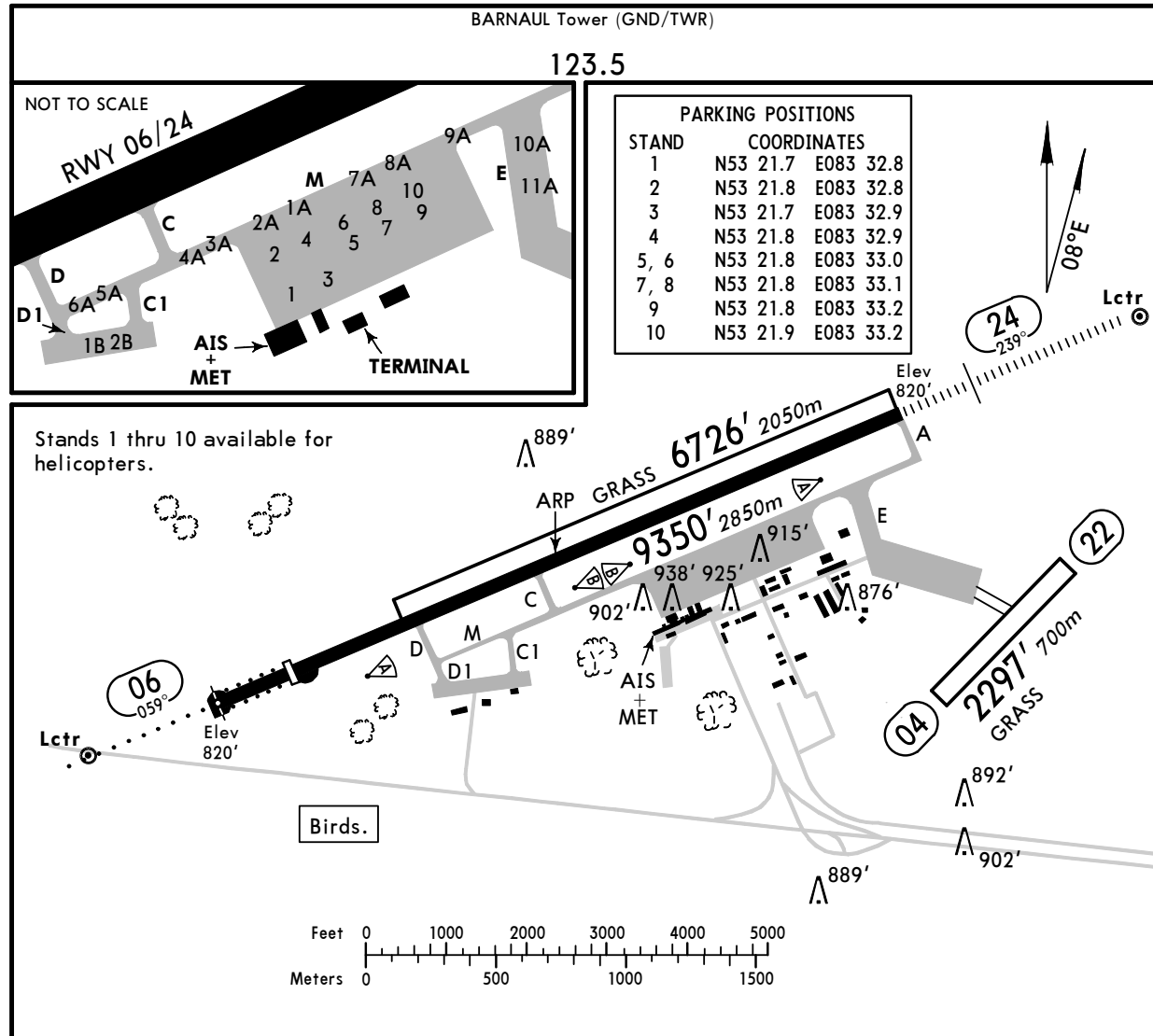
←239°

059°

UNBB/BAX
Apt Elev **838'**
N53 21.8 E083 32.4

JEPPesen
5 FEB 10 **(10-9)** **Eff 11 Feb**

BARNAUL, RUSSIA
BARNAUL



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond		
04	22				262' 80m
06	24	HIRL (60m) ALS(white/red) PAPI-L (2.67°) RVR	8202' 2500m	7048' 2148m	9022' 2750m ①
06	24	HIRL (60m) HIALS PAPI-L (2.67°) RVR		8682' 2646m	164' 50m
06	24	Grass runway			279' 85m

① First 328'/100m unusable for take-off.

TAKE-OFF

AIR CARRIER
Main rwy 06/24

LVP must be in force
RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

UNBB/BAX **JEPPESEN**
6 AUG 10 **10-9S****Standard**
BARNAUL, RUSSIA
BARNAUL

STRAIGHT-IN RWY		A	B	C	D
06	ILS	1025' (200')	1027' (202')	1037' (212')	1047' (222')
		R1000m	R1000m	R1000m	R1000m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶❷	1180' (355')	1180' (355')	1180' (355')	1180' (355')
24		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m
	NDB ❸	1570' (745')	1570' (745')	1570' (745')	1570' (745')
		C3500m	C3500m	C3700m	C3700m
	<i>ALS out</i>	C3700m	C3700m	C3900m	C3900m
06	ILS	1020' (200')	1027' (207')	1037' (217')	1047' (227')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
24	2 NDB ❶❷	1180' (360')	1180' (360')	1180' (360')	1180' (360')
		R1000m	R1000m	R1200m	R1200m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m
	2 NDB ❸	1650' (830')	1650' (830')	1650' (830')	1650' (830')
		C3300m	C3300m	C3500m	C3500m
06	<i>ALS out</i>	C4000m	C4000m	C4200m	C4200m
	AR NDB ❶❷	1180' (360')	1180' (360')	1180' (360')	1180' (360')
		R1000m	R1000m	R1200m	R1200m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m
	AR NDB ❸	1820' (1000')	1820' (1000')	1820' (1000')	1820' (1000')
24		C4000m	C4000m	C4200m	C4200m
	<i>ALS out</i>	C4700m	C4700m	C4900m	C4900m

❶ Continuous Descent Final Approach.

❷ with Radar control.

❸ w/o Radar control.

TAKE-OFF RWY 06, 24

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		

UNBB/BAX **JEPPESEN**

5 FEB 10

10-9X**Eff 11 Feb****JAA MINIMUMS****BARNAUL, RUSSIA**
BARNAUL

STRAIGHT-IN RWY		A	B	C	D
06	ILS	1025' (200')	1027' (202')	1037' (212')	1047' (222')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	1150' (325')	1150' (325')	1150' (325')	1150' (325')
	with FAF	R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	2 NDB	1570' (745')	1570' (745')	1570' (745')	1570' (745')
	w/o FAF	R1500m	R1500m	R2000m	R2000m
	BU NDB	1150' (325')	1150' (325')	1150' (325')	1150' (325')
24	with FAF	R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	BU NDB	1570' (745')	1570' (745')	1570' (745')	1570' (745')
	w/o FAF	R1500m	R1500m	R2000m	R2000m
	ILS	1020' (200')	1027' (207')	1037' (217')	1047' (227')
		R550m	R600m	R600m	R600m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
	2 NDB	1180' (360')	1180' (360')	1180' (360')	1180' (360')
	with FAF	R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	2 NDB	1650' (830')	1650' (830')	1650' (830')	1650' (830')
	w/o FAF	R1200m	R1400m	R1400m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	AR NDB	1180' (360')	1180' (360')	1180' (360')	1180' (360')
	with FAF	R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	AR NDB	1820' (1000')	1820' (1000')	1820' (1000')	1820' (1000')
	w/o FAF	R1200m	R1400m	R1400m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 06, 24

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		

UNBB/BAX
BARNAUL

JEPPesen
5 NOV 10
Eff 18 Nov (11-1)

BARNAUL, RUSSIA
ILS or 2 NDB Rwy 06

BARNAUL Tower (APP/SRE/TWR/GND)

123.5

BRIEFING STRIP

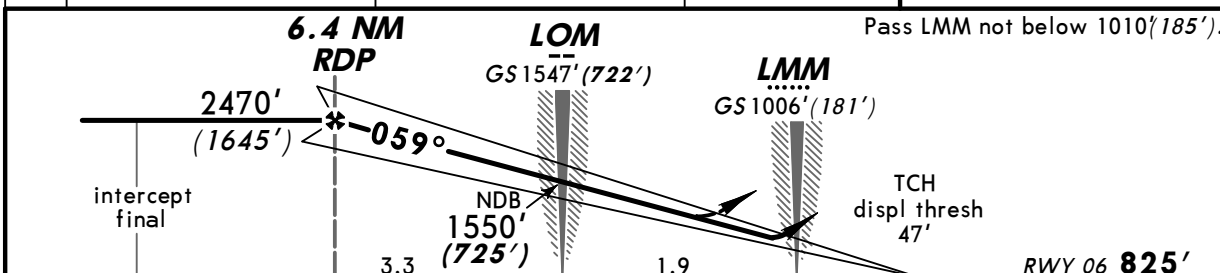
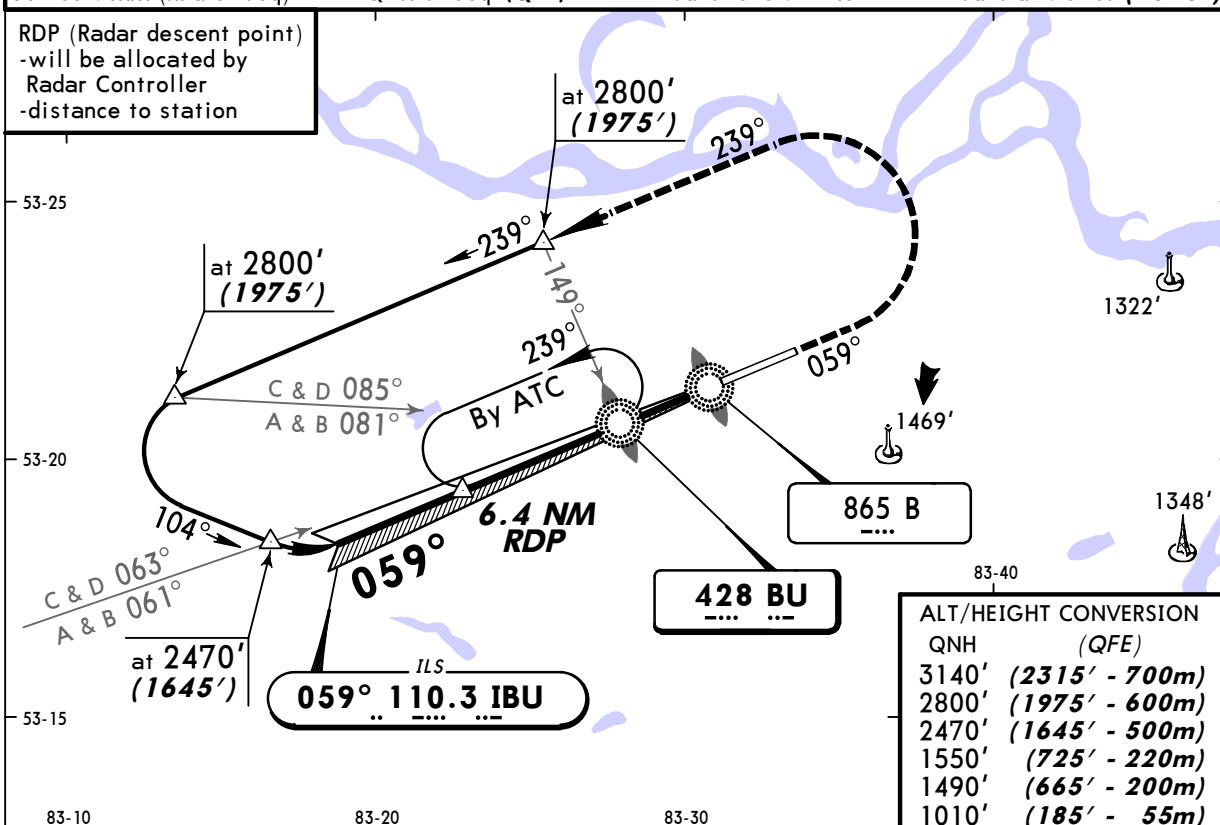
LOC IBU 110.3	Final Apch Crs 059°	GS LOM 1547' (722')	ILS DA(H) Refer to Minimums	Apt Elev 838'	2900'
NDB BU 428		Minimum Alt LOM 1550' (725')	2 NDB MDA(H) Refer to Minimums	RWY 825'	

MISSED APCH: Climb on 059° to 1490' (665'), then turn LEFT onto 239° climbing to 2800' (1975'), then according to chart.

MSA
Airport

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 49 Trans alt: 3140' (2315')

RDP (Radar descent point)
-will be allocated by
Radar Controller
-distance to station



TO DISPLACED THRESHOLD						Pass LMM not below 1010' (185').		
Gnd speed-Kts	70	90	100	120	140	160	ALS	1490' (665')
ILS GS or NDB Desc angle	2.67°	336	432	480	576	671	767	239°
								2800' (1975')

STRAIGHT-IN LANDING RWY 06				BU NDB			
ILS		LOC (GS out)	With FAF	W/o FAF	With FAF	W/o FAF	
DA(H)			MDA(H)	MDA(H)	MDA(H)	MDA(H)	
A: 1025' (200')	C: 1037' (212')		1150' (325')	1570' (745')	1150' (325')	1570' (745')	
B: 1027' (202')	D: 1047' (222')		ALS out	ALS out	ALS out	ALS out	
FULL		ALS out					
A	1200m		NOT AUTH	3200m		3200m	
B				3600m		3600m	
C				3600m		3600m	
D				4000m		4000m	

CHANGES: MSA. Trans alt. Bearings.

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UNBB/BAX
BARNAUL

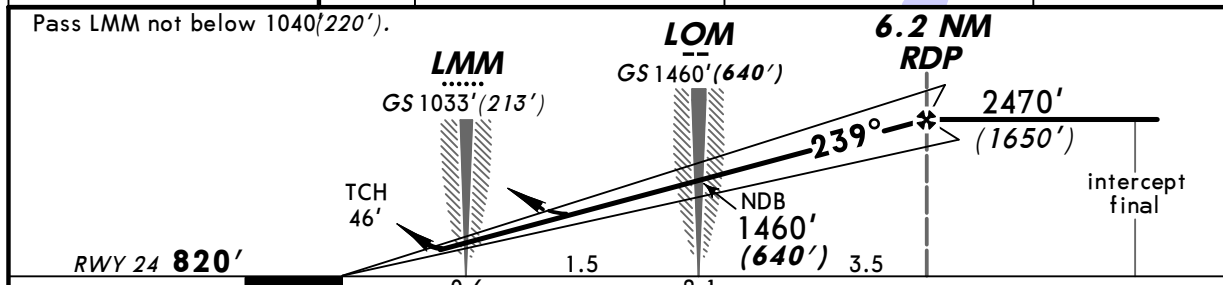
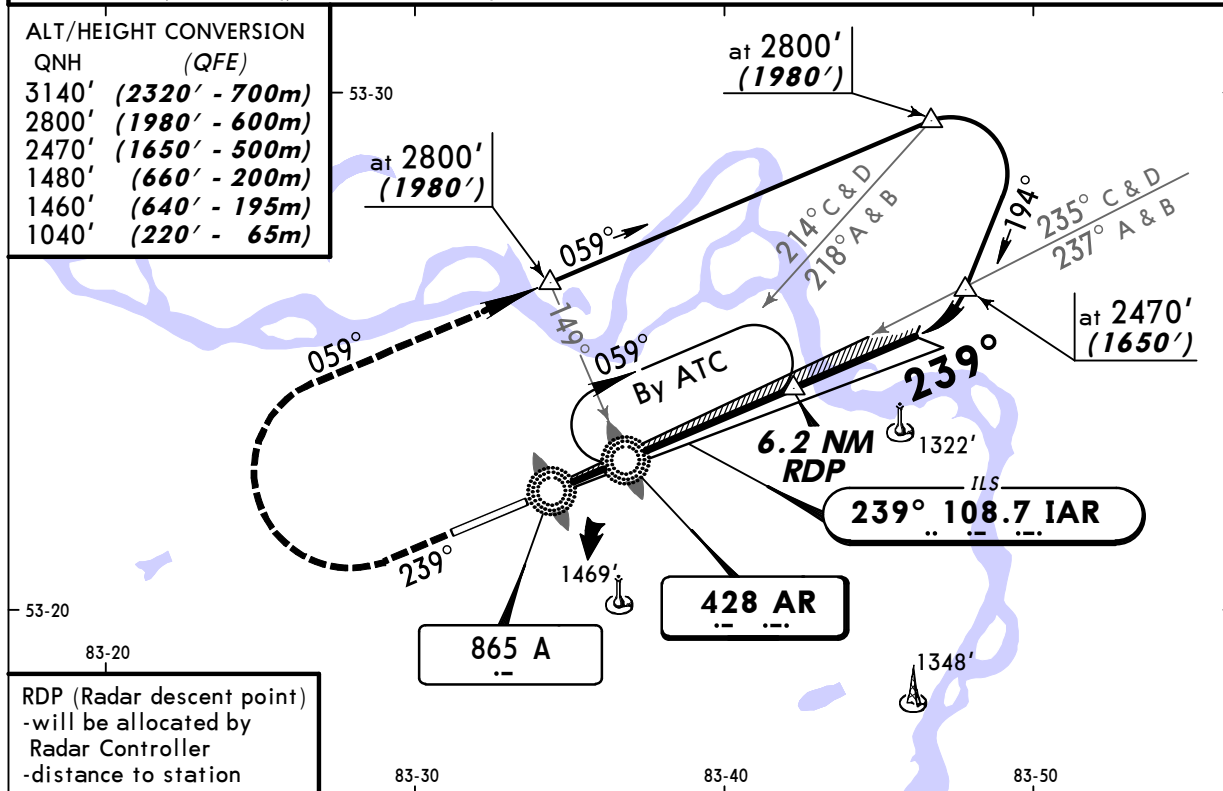
JEPPesen
5 NOV 10
Eff 18 Nov **(11-2)**

BARNAUL, RUSSIA
ILS or 2 NDB Rwy 24

BARNAUL Tower (APP/SRE/TWR/GND)

BRIEFING STRIP

BARNAL Tower (APP/SRE/TWR/GND)					
123.5					
LOC IAR 108.7	Final Apch Crs 239°	GS/ Minimum Alt LOM 1460' (640')	ILS DA(H) Refer to Minimums	Apt Elev 838' RWY 820'	2900' MSA Airport
NDB AR 428			2 NDB MDA(H) Refer to Minimums		
MISSED APCH: Climb on 239° to 1480' (660'), then turn RIGHT onto 059° climbing to 2800' (1980'), then according to chart.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 49	Trans alt: 3140' (2320')	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	1480' (660')	239°	059°	2800' (1980')
ILS GS or NDB Desc angle 2.67°	336	432	480	576	671	767	PAPI	on	RT		

ILS		2 NDB				AR NDB			
DA(H)		With FAF		W/o FAF		With FAF		W/o FAF	
A: 1020' (200') C: 1037' (217')		MDA(H) 1180' (360')		MDA(H) 1650' (830')		MDA(H) 1180' (360')		MDA(H) 1820' (1000')	
B: 1027' (207') D: 1047' (227')									
FULL		ALS out		ALS out		ALS out		ALS out	
A									
B									
C									
D									

LOC (GS out): NOT AUTHORIZED.

CHANGES: MSA. Trans alt. Bearings.

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