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Airport Information For USDB

Terminal Charts For USDB

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: BOVANENKOVO RUS
ICAO: USDB
Lat/Long: N70° 18.9', E068° 20.0'
Elevation: 23 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -5:00 = UTC
Magnetic Variation: 28.0° E

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

Sunrise: 2052 Z
Sunset: 1755 Z

Runway Information

Runway: 10
Length x Width: 8717 ft x 151 ft
Surface Type: concrete
TDZ-Elev: 22 ft
Lighting: Edge, ALS

Runway: 28
Length x Width: 8717 ft x 151 ft
Surface Type: concrete
TDZ-Elev: 24 ft
Lighting: Edge, ALS

Communication Information

AWIS: 124.800 Non-English
Bovanenkovo Transit Operations: 123.400 Non-English
Bovanenkovo Informatsiya Information: 126.000 Flight Info Service Non-English

USDB
BOVANENKOVO

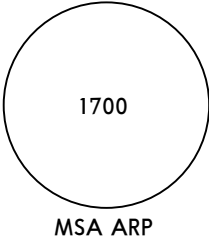
JEPPESEN
12 APR 19 10-2 Eff 25 Apr

BOVANENKOVO, RUSSIA

RNAV STAR

Apt Elev
23'

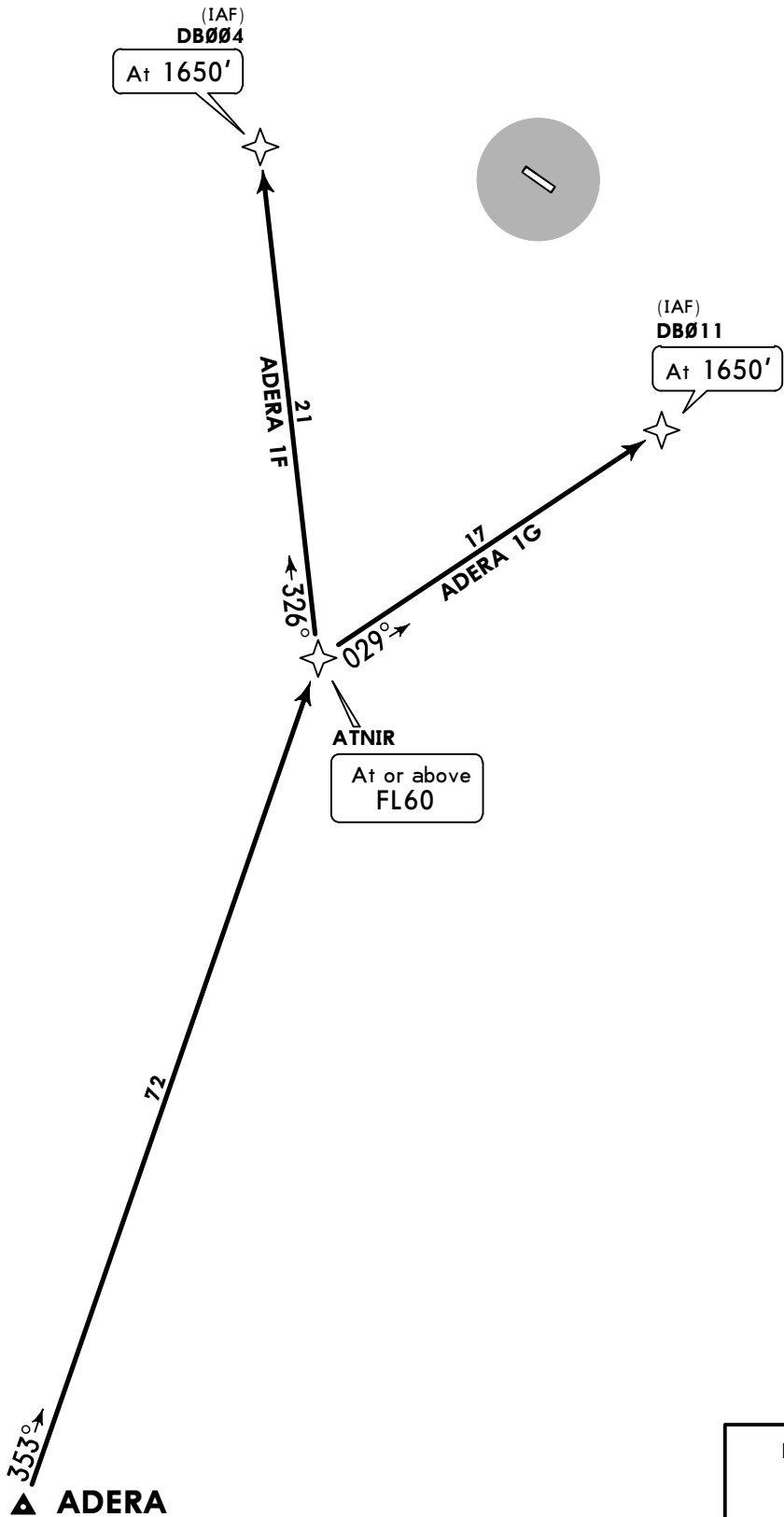
Alt Set: MM (hPa on request)
Trans level: FL60 Trans alt: 3940'
RNAV (GNSS)



ADERA 1F [ADER1F]
RWY 10

ADERA 1G [ADER1G]
RWY 28

RNAV ARRIVALS
FOR RUSSIAN USERS ONLY

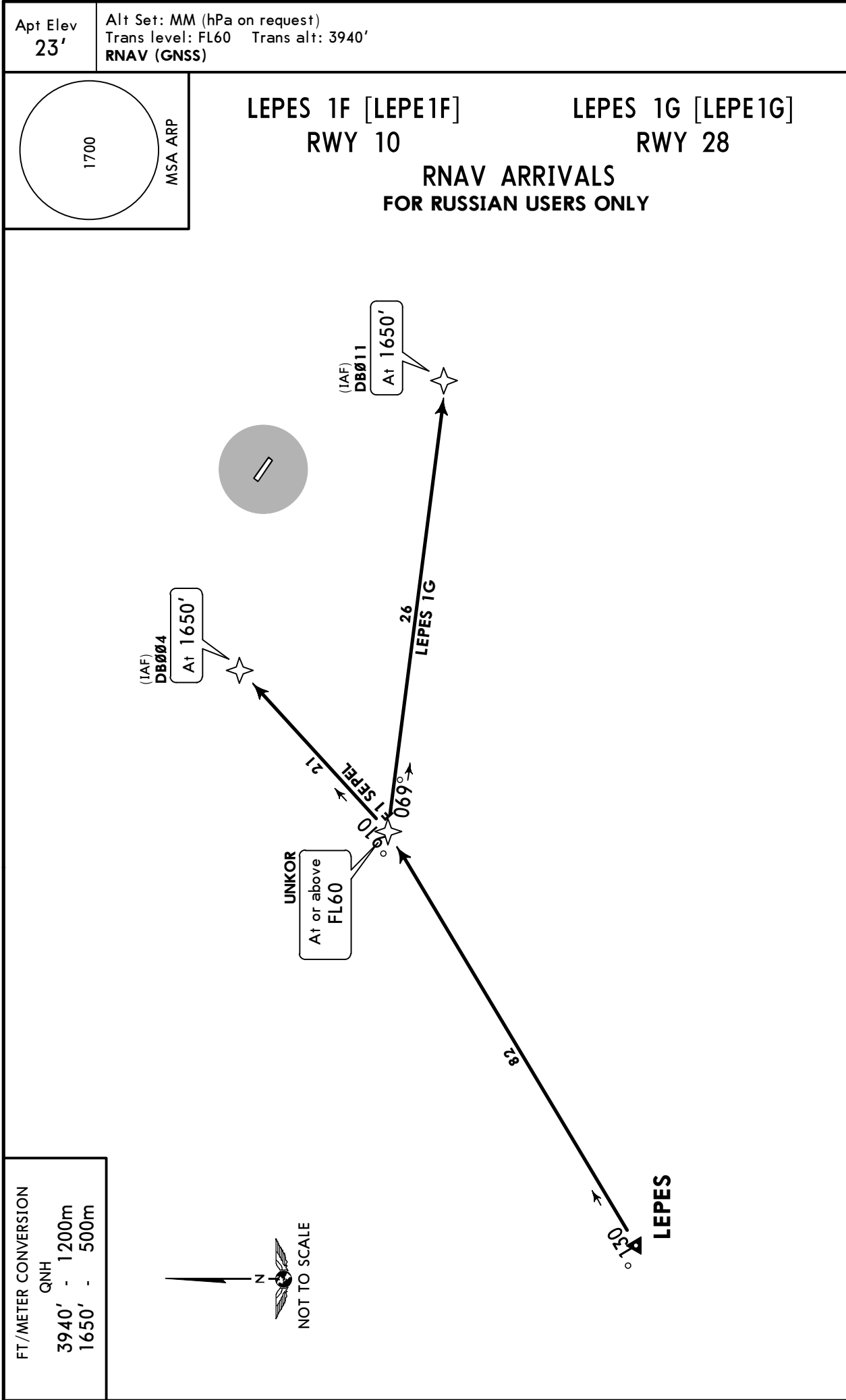


FT/METER CONVERSION	
QNH	
3940'	- 1200m
1650'	- 500m

USDB
BOVANENKOVO

JEPPesen 12 APR 19 10-2A Eff 25 Apr

BOVANENKOVO, RUSSIA
RNAV STAR



USDB
BOVANENKOVO

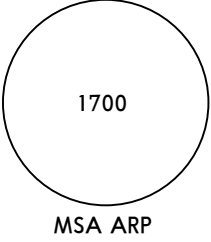
12 APR 19 10-2B Eff 25 Apr

BOVANENKOVO, RUSSIA

RNAV STAR

Apt Elev
23'

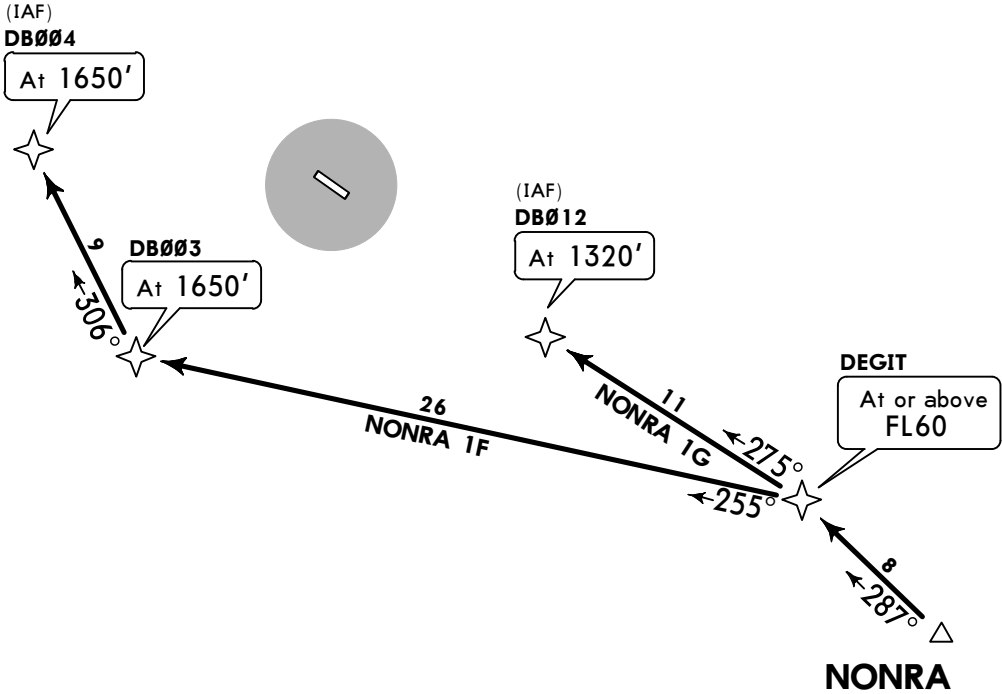
Alt Set: MM (hPa on request)
Trans level: FL60 Trans alt: 3940'
RNAV (GNSS)



NONRA 1F [NONR1F]
RWY 10

NONRA 1G [NONR1G]
RWY 28

RNAV ARRIVALS
FOR RUSSIAN USERS ONLY



FT/METER CONVERSION

QNH	
3940'	- 1200m
1650'	- 500m
1320'	- 400m

USDB
BOVANENKOVO

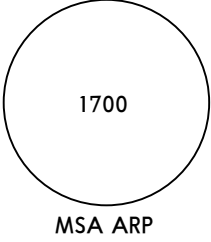
12 APR 19 **10-2C** Eff 25 Apr

JEPPESSEN BOVANENKOVO, RUSSIA

RNAV STAR

Apt Elev
23'

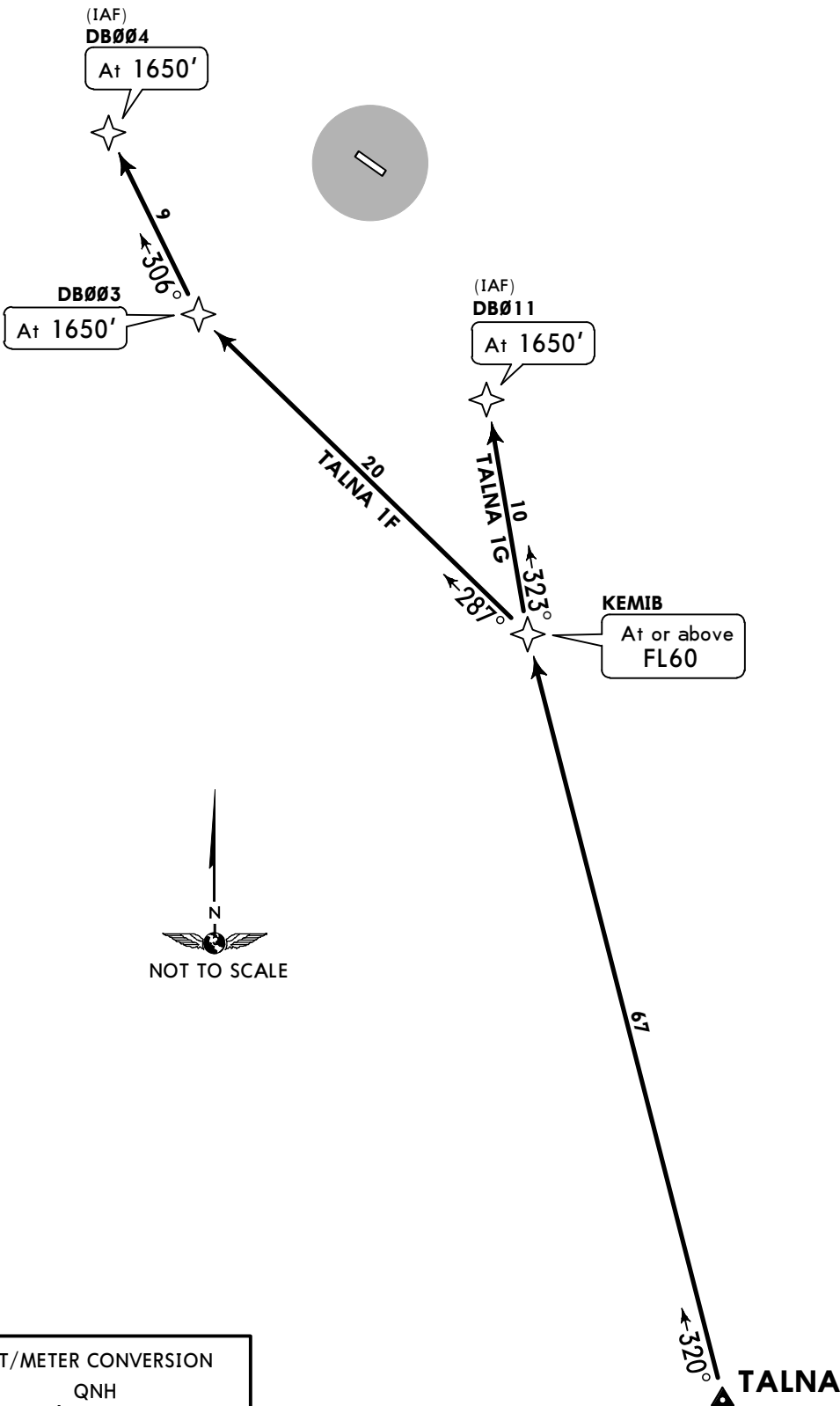
Alt Set: MM (hPa on request)
Trans level: FL60 Trans alt: 3940'
RNAV (GNSS)



TALNA 1F [TALN1F]
RWY 10

TALNA 1G [TALN1G]
RWY 28

**RNAV ARRIVALS
FOR RUSSIAN USERS ONLY**



FT/METER CONVERSION
QNH
3940' - 1200m
1650' - 500m

USDB
BOVANENKOVO

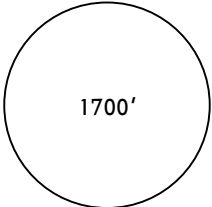
26 JAN 18 **10-2D** Eff 1 Feb

JEPPESSEN BOVANENKOVO, RUSSIA

RNAV STAR

Apt Elev
23'

Alt Set: MM (hPa on request)
Trans level: FL60 Trans alt: 3940'
RNAV (GNSS)



MSA ARP

TUMOK 1F [TUM01F]
RWY 10

TUMOK 1G [TUM01G]
RWY 28

RNAV ARRIVALS
FOR RUSSIAN USERS ONLY

TUMOK



121°

40

RENLA

At or above
FL60



151°

14
TUMOK 1F

(IAF)
DB007

At 1320'



109°

29
TUMOK 1G



(IAF)
DB009

At 1320'

NOT TO SCALE

FT/METER CONVERSION

QNH

3940' - 1200m

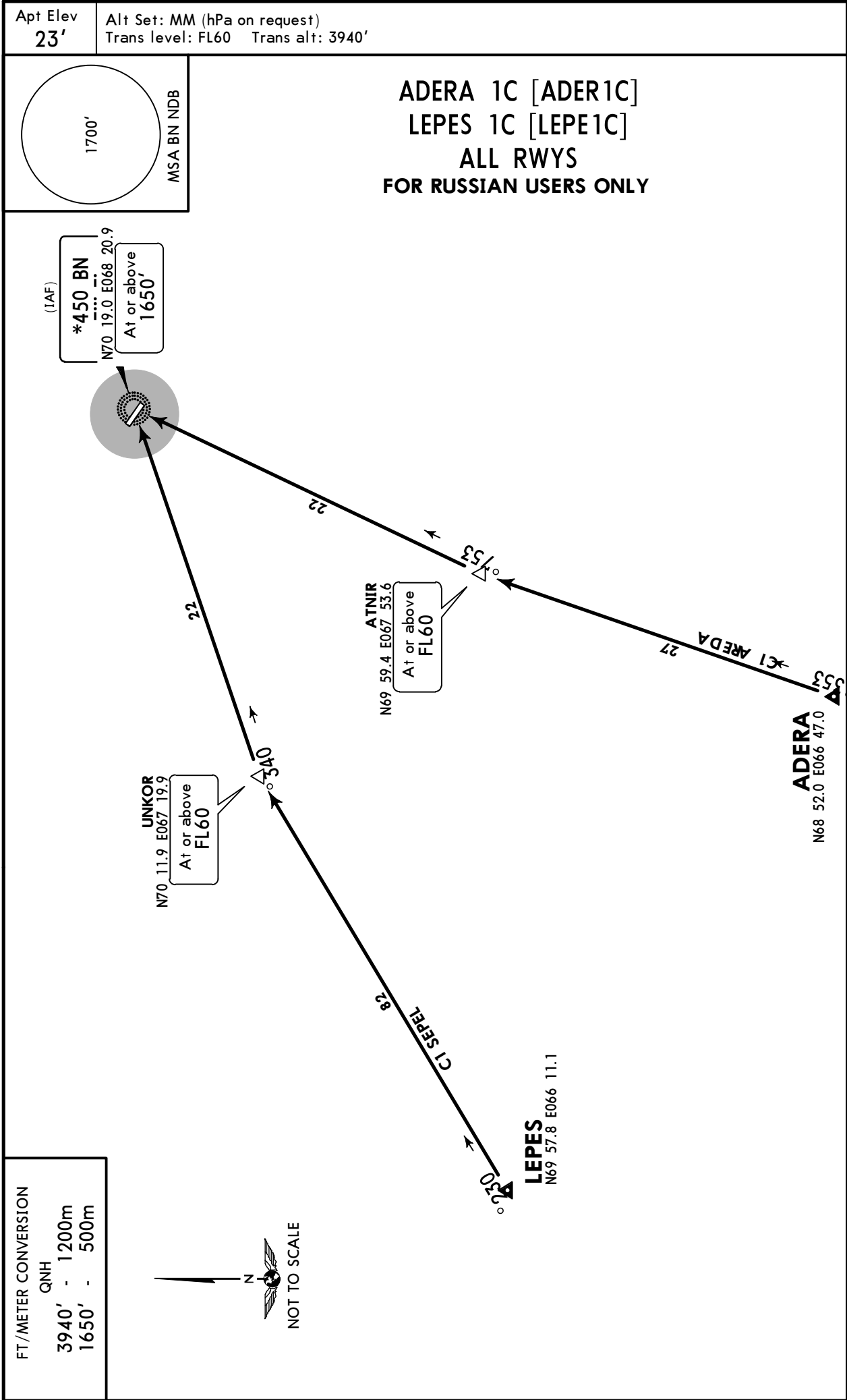
1320' - 400m

USDB
BOVANENKOVO

29 APR 16 10-2F

BOVANENKOVO, RUSSIA

STAR



USDB
BOVANENKOVO

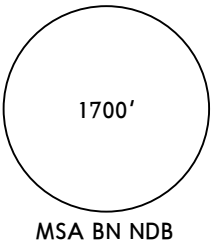
JEPPesen
29 APR 16 (10-2G)

BOVANENKOVO, RUSSIA

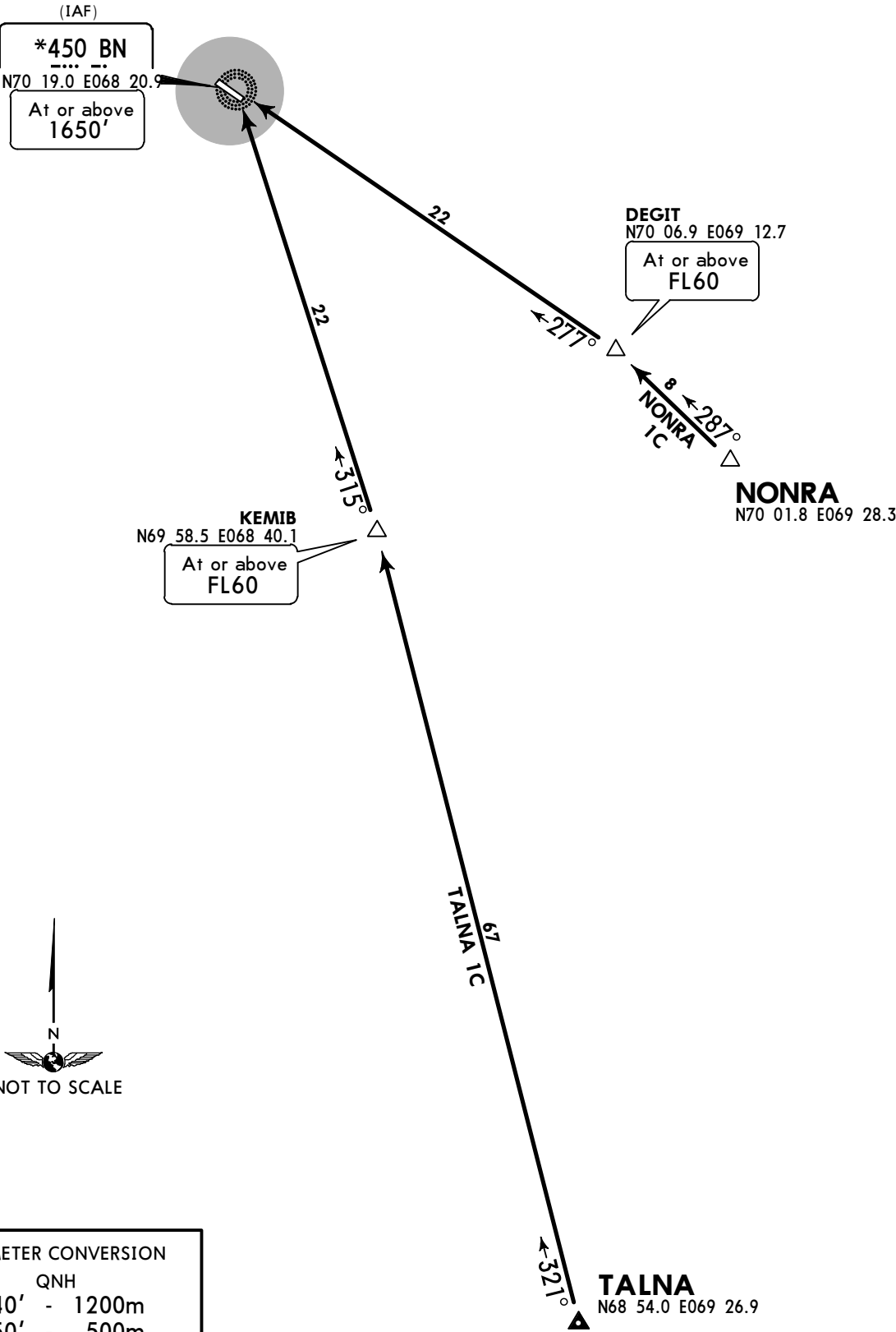
STAR

Apt Elev
23'

Alt Set: MM (hPa on request)
Trans level: FL60 Trans alt: 3940'



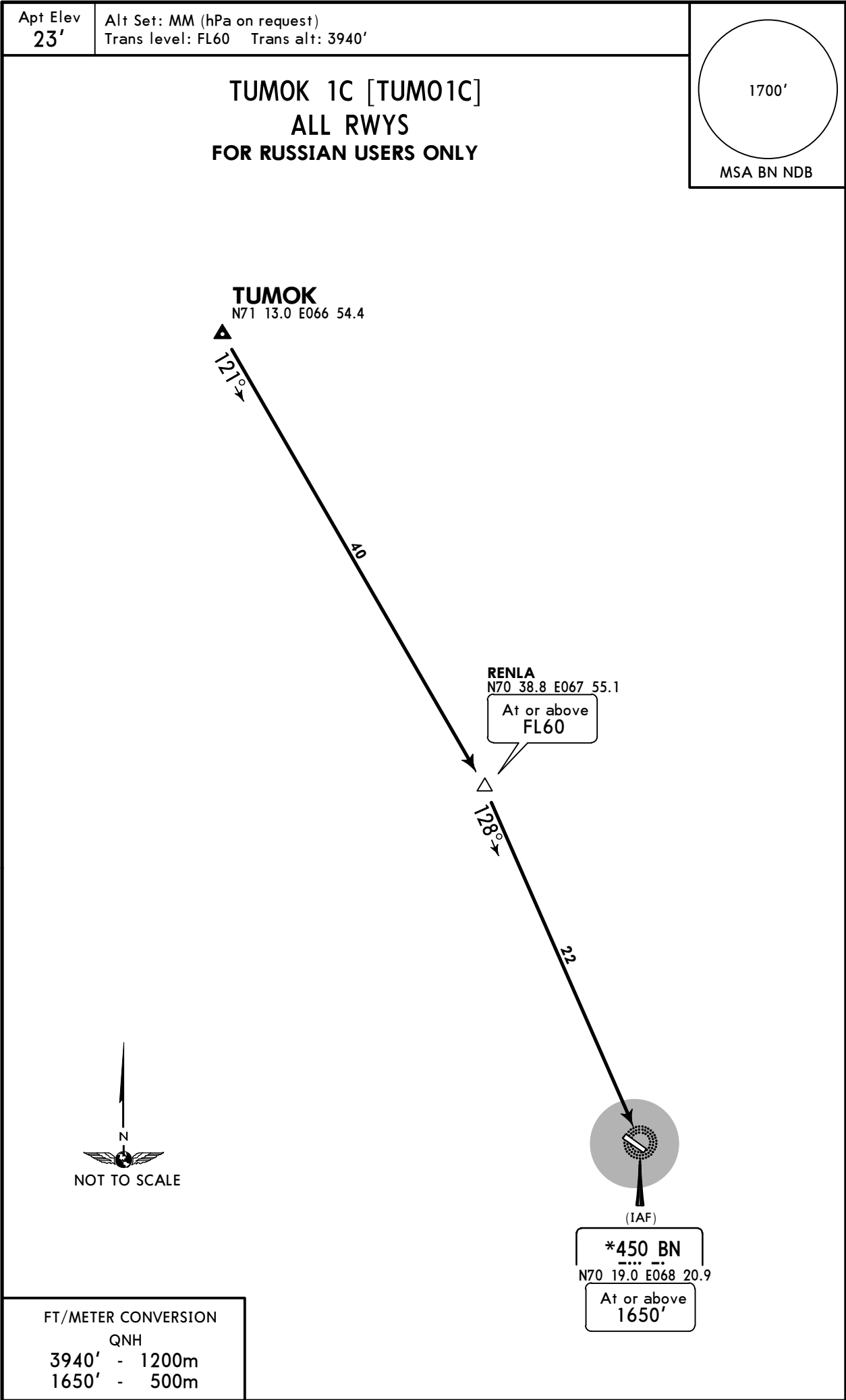
NONRA 1C [NONR1C]
TALNA 1C [TALN1C]
ALL RWYS
FOR RUSSIAN USERS ONLY



USDB
BOVANENKOVO

JEPPesen
29 APR 16 (10-2H)

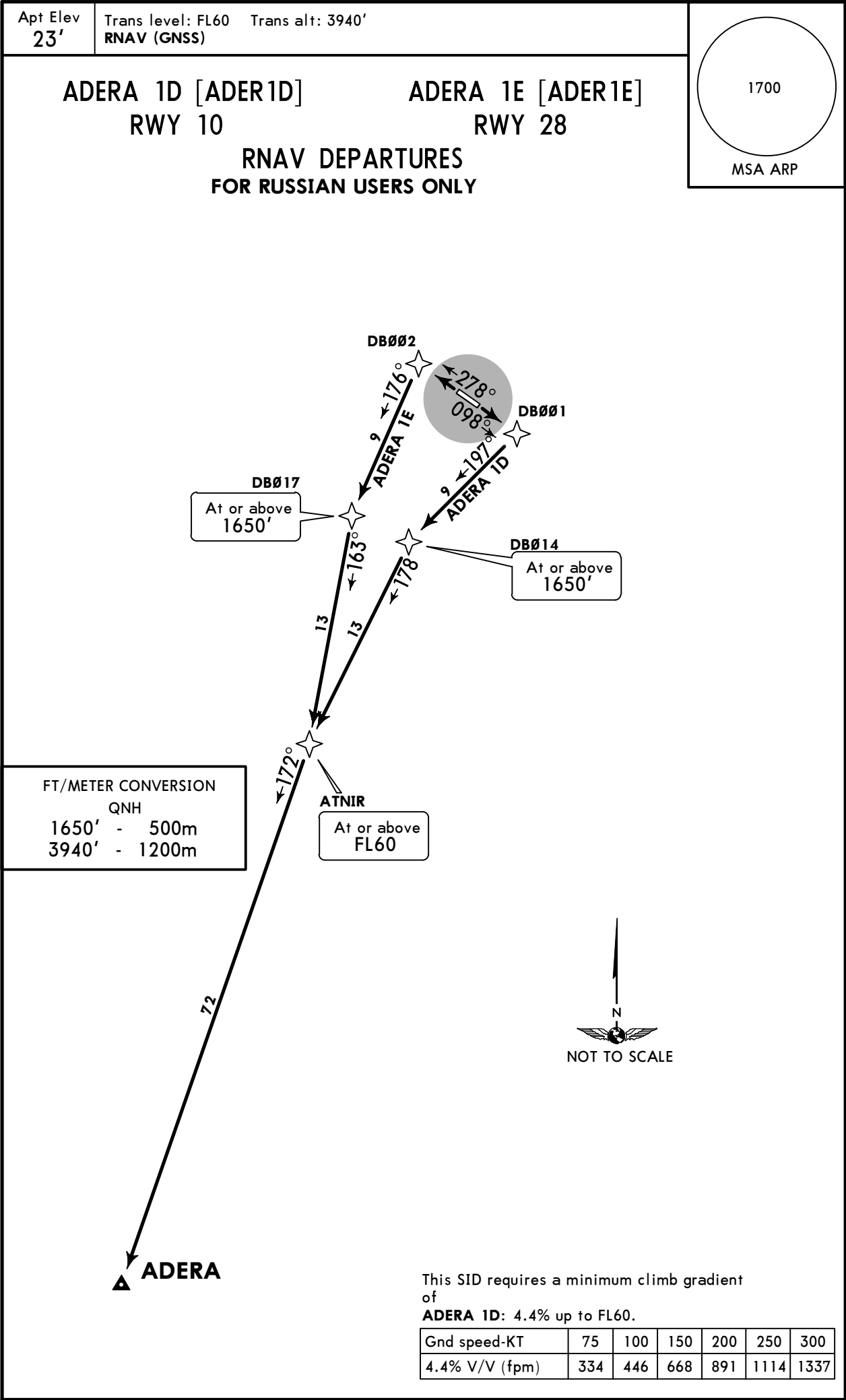
BOVANENKOVO, RUSSIA
STAR



USDB
BOVANENKOVO

JEPPESSEN
30 NOV 18 10-3 Eff 6 Dec

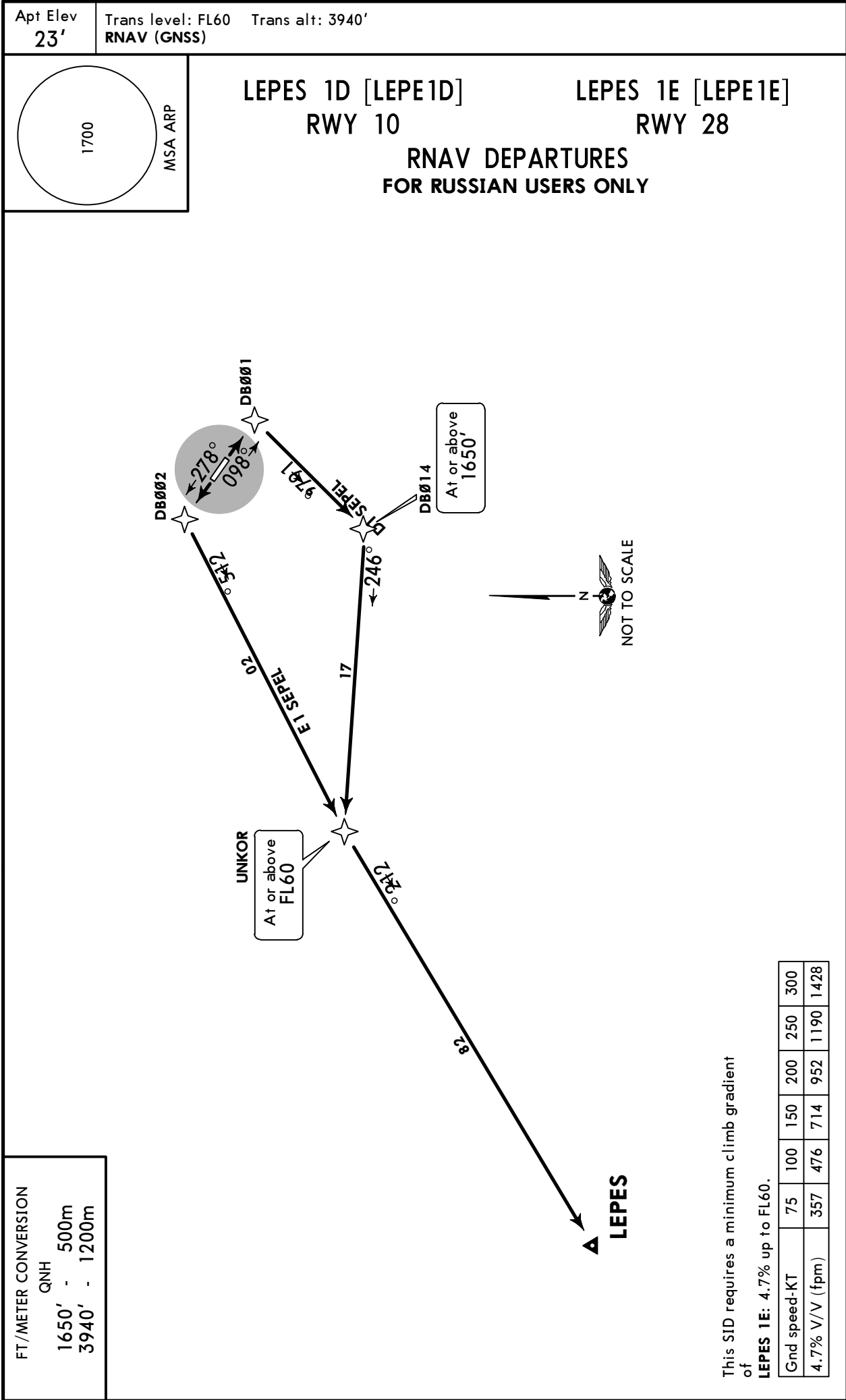
BOVANENKOVO, RUSSIA
RNAV SID



USDB
BOVANENKOVO

JEPPesen 30 NOV 18 10-3A Eff 6 Dec

BOVANENKOVO, RUSSIA
RNAV SID



USDB
BOVANENKOVO

JEPPESEN
12 APR 19 10-3B Eff 25 Apr

BOVANENKOVO, RUSSIA
RNAV SID

Apt Elev
23'

Trans level: FL60
RNAV (GNSS)

Trans alt: 3940'

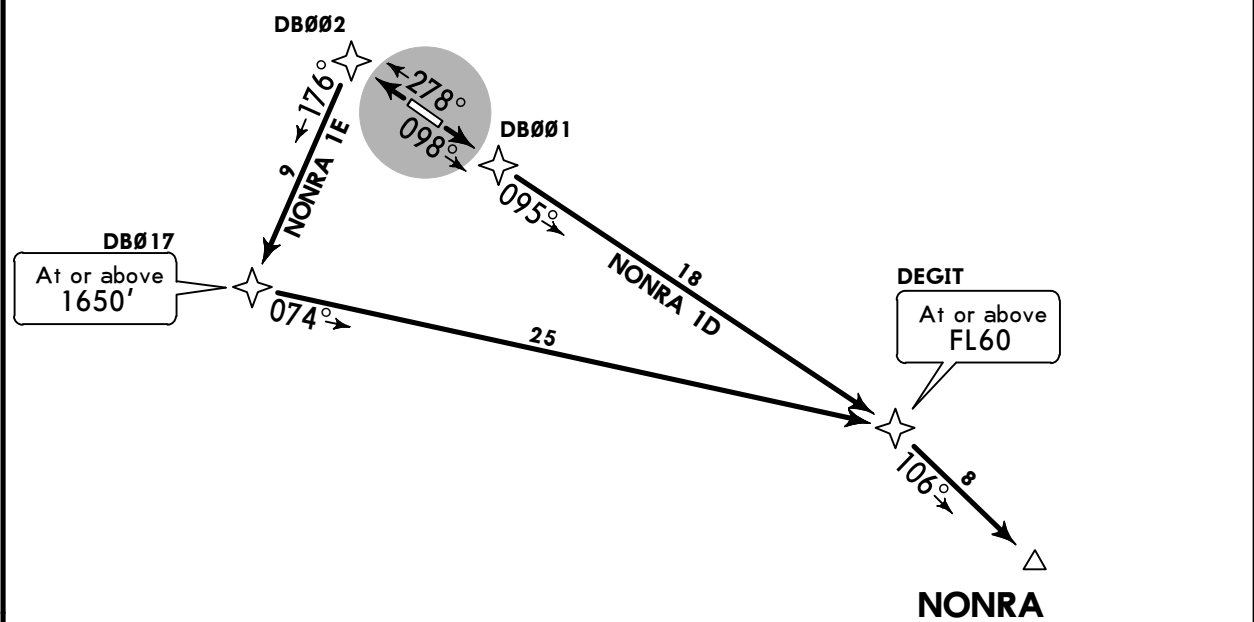
NONRA 1D [NONR1D]
RWY 10

NONRA 1E [NONR1E]
RWY 28

RNAV DEPARTURES
FOR RUSSIAN USERS ONLY

1700

MSA ARP



This SID requires a minimum climb gradient
of
NONRA 1D: 4.8% up to FL60.

Gnd speed-KT	75	100	150	200	250	300
4.8% V/V (fpm)	365	486	729	972	1215	1458

FT/METER CONVERSION	
QNH	
1650'	- 500m
3940'	- 1200m

USDB
BOVANENKOVO

JEPPESSEN
12 APR 19 (10-3C) Eff 25 Apr

BOVANENKOVO, RUSSIA
RNAV SID

Apt Elev
23'

Trans level: FL60
RNAV (GNSS)

Trans alt: 3940'

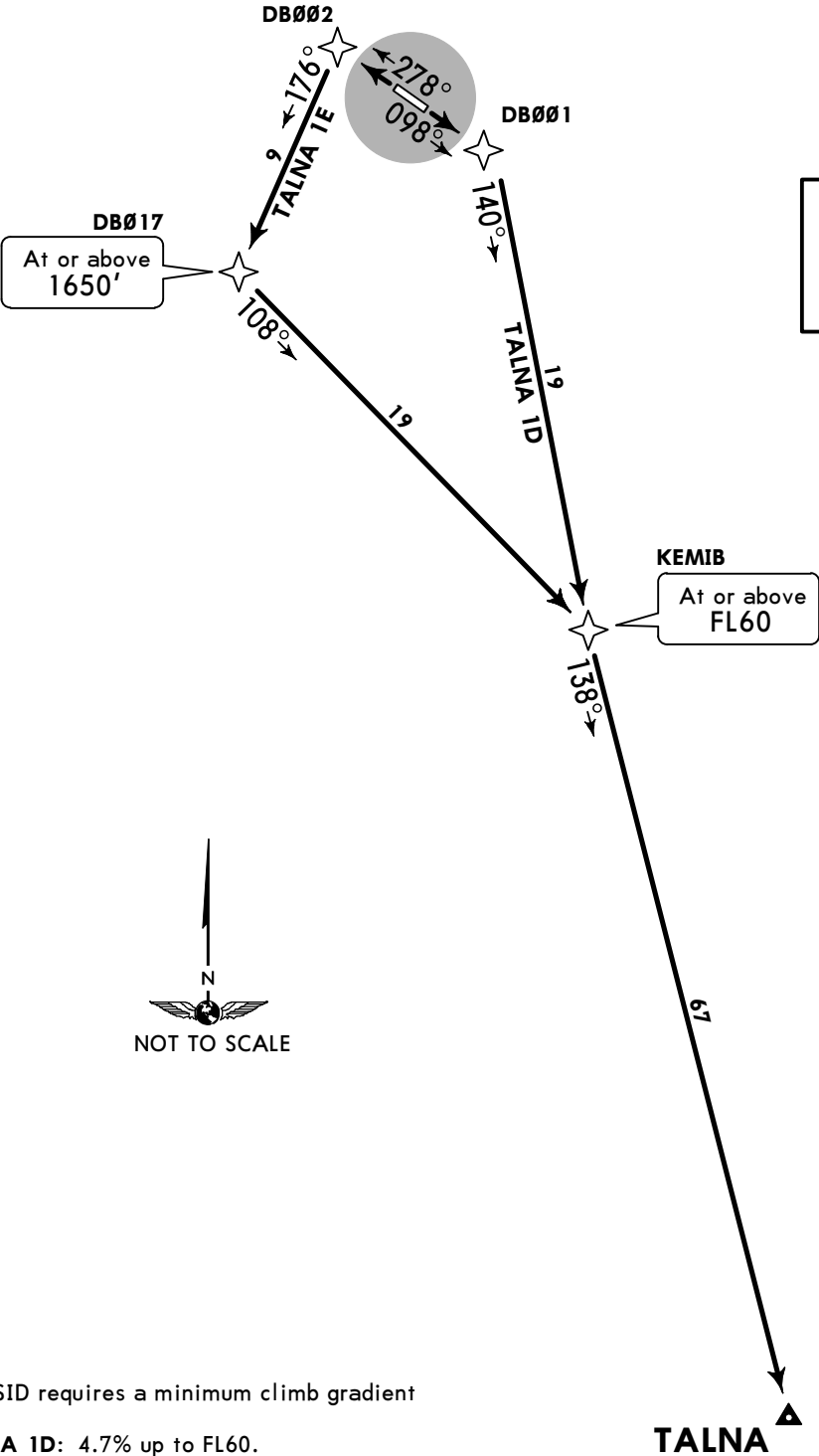
TALNA 1D [TALN1D]
RWY 10

TALNA 1E [TALN1E]
RWY 28

RNAV DEPARTURES
FOR RUSSIAN USERS ONLY

1700

MSA ARP



FT/METER CONVERSION

QNH

1650'	-	500m
3940'	-	1200m

This SID requires a minimum climb gradient of
of
TALNA 1D: 4.7% up to FL60.

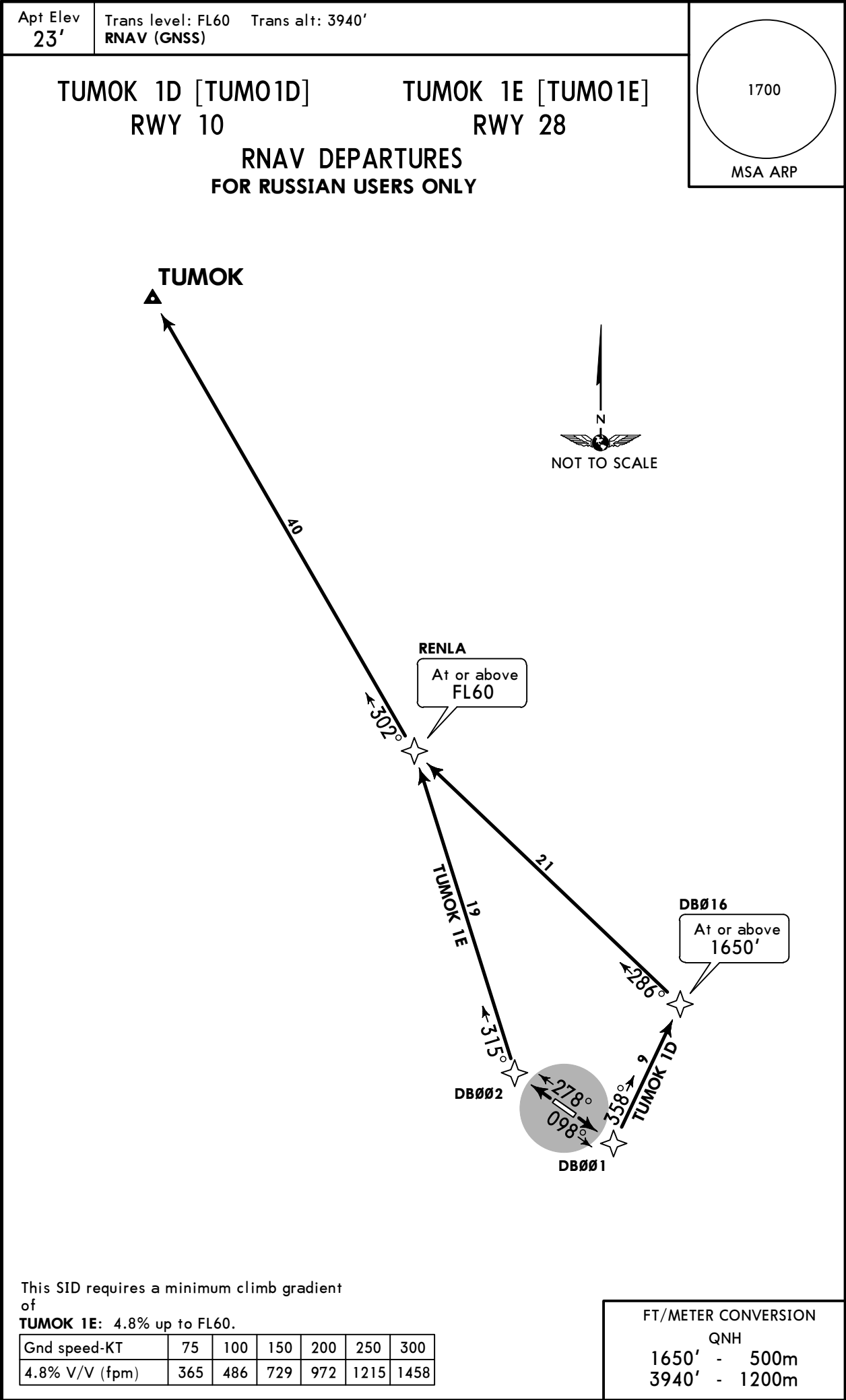
Gnd speed-KT	75	100	150	200	250	300
4.7% V/V (fpm)	357	476	714	952	1190	1428

USDB
BOVANENKOVO

JEPPESEN
12 APR 19 10-3D Eff 25 Apr

BOVANENKOVO, RUSSIA

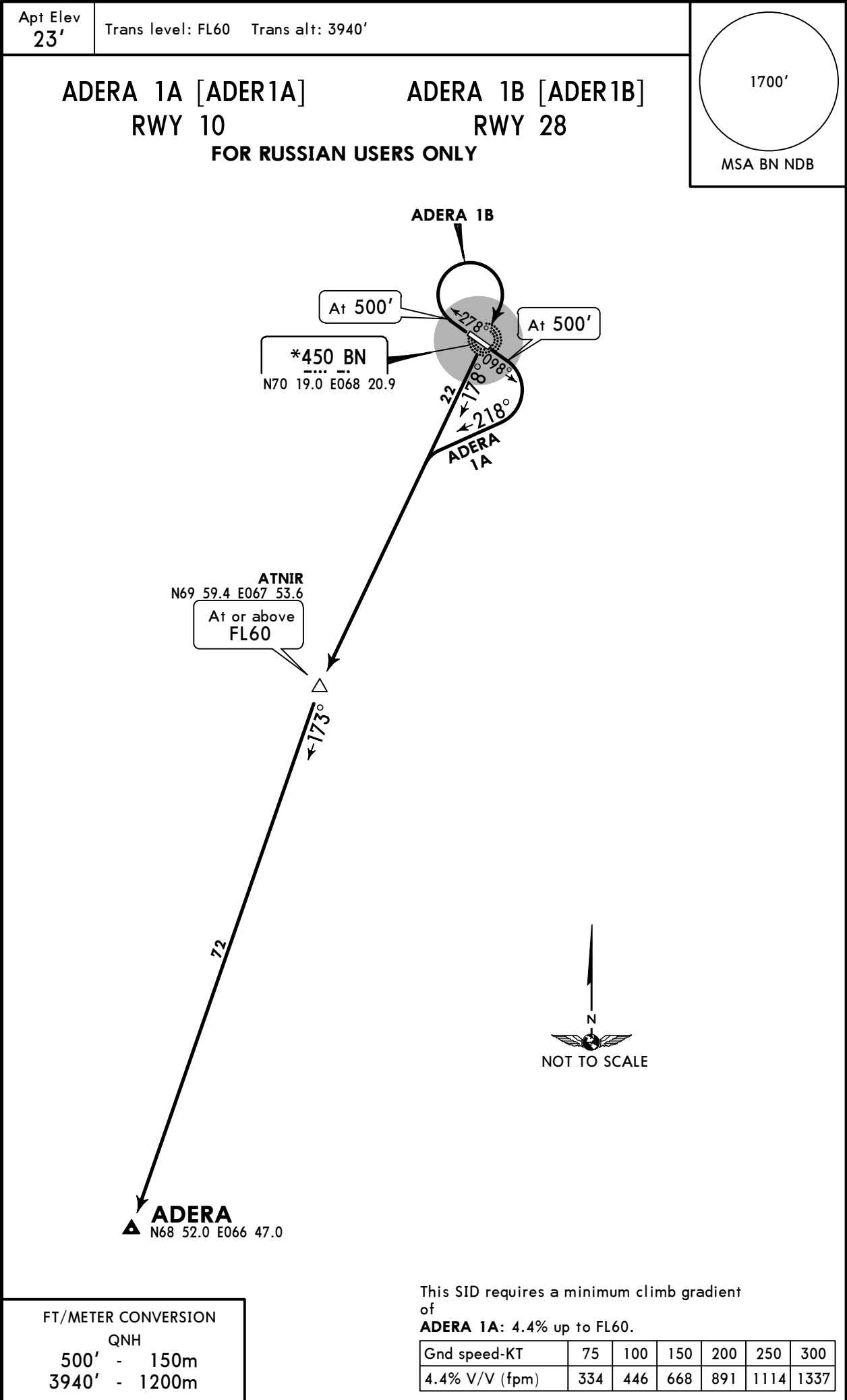
RNAV SID



USDB
BOVANENKOVO

JEPPesen
29 APR 16 (10-3F)

BOVANENKOVO, RUSSIA
SID



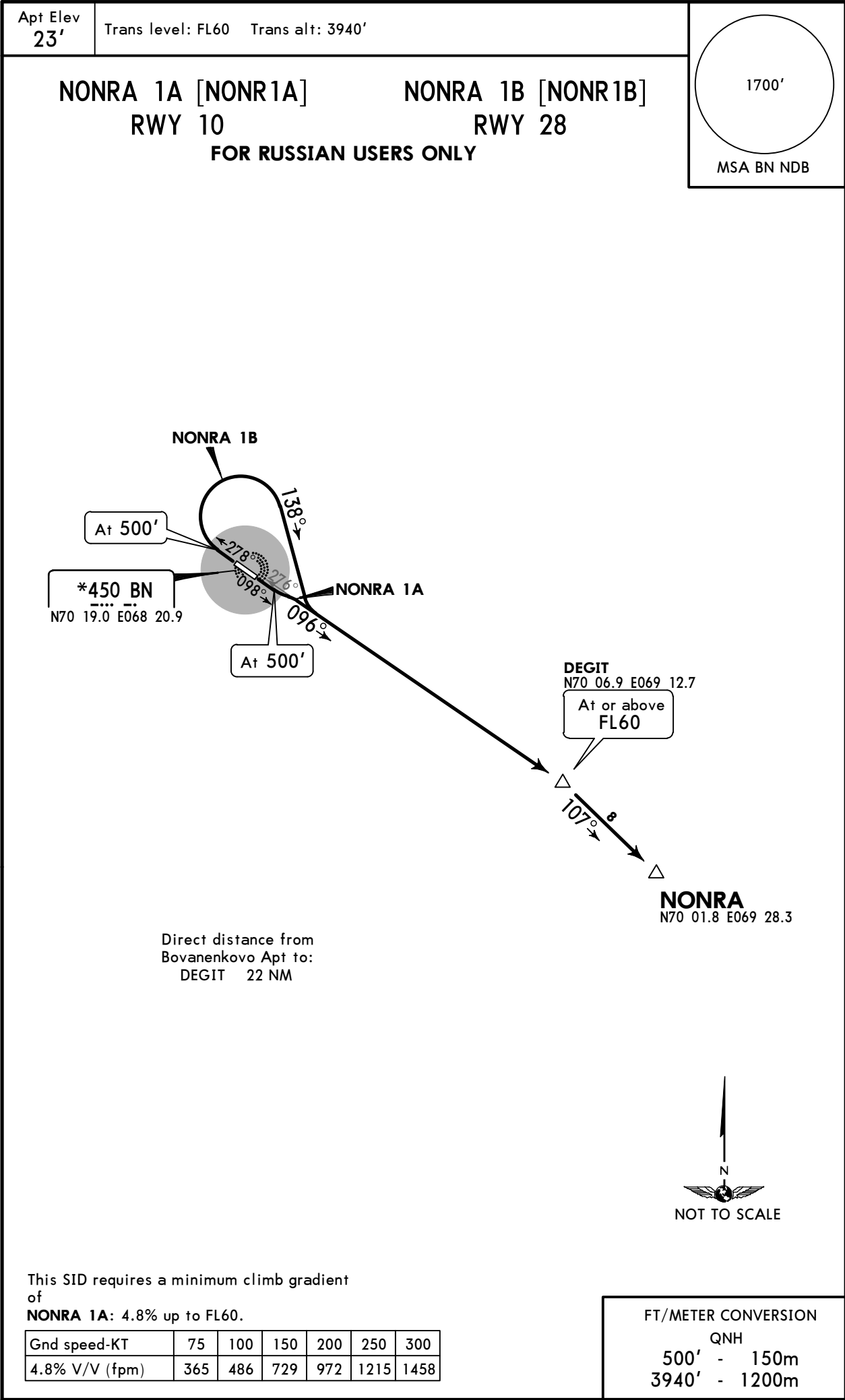
Gnd speed-KT	75	100	150	200	250	300
4.7% V/V (fpm)	357	476	714	952	1190	1428

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USDB
BOVANENKOVO

JEPPESEN
29 APR 16 10-3H

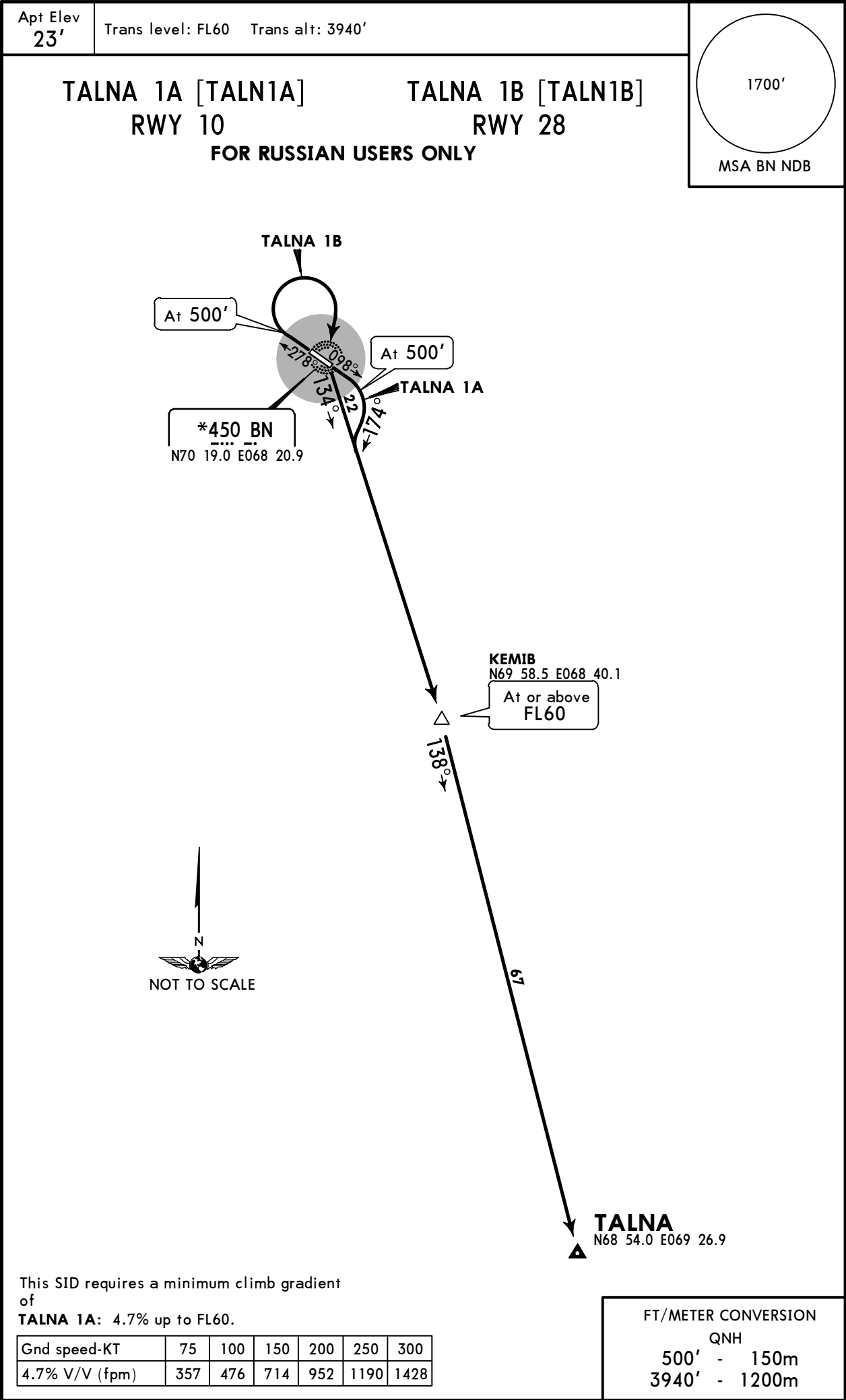
BOVANENKOVO, RUSSIA
SID



USDB
BOVANENKOVO

JEPPesen
29 APR 16 (10-3J)

BOVANENKOVO, RUSSIA
SID

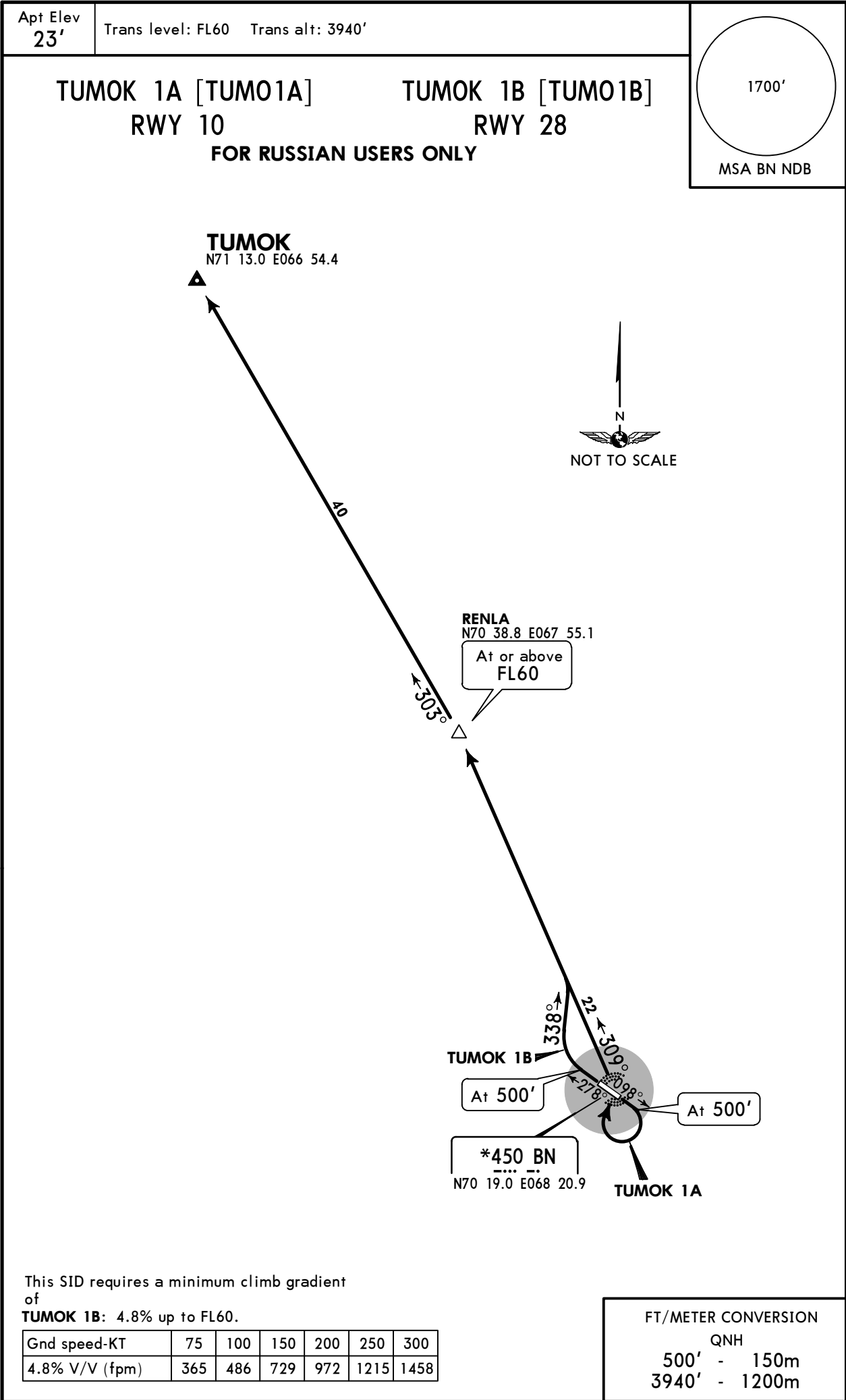


USDB
BOVANENKOVO

JEPPesen
29 APR 16 10-3K

BOVANENKOVO, RUSSIA

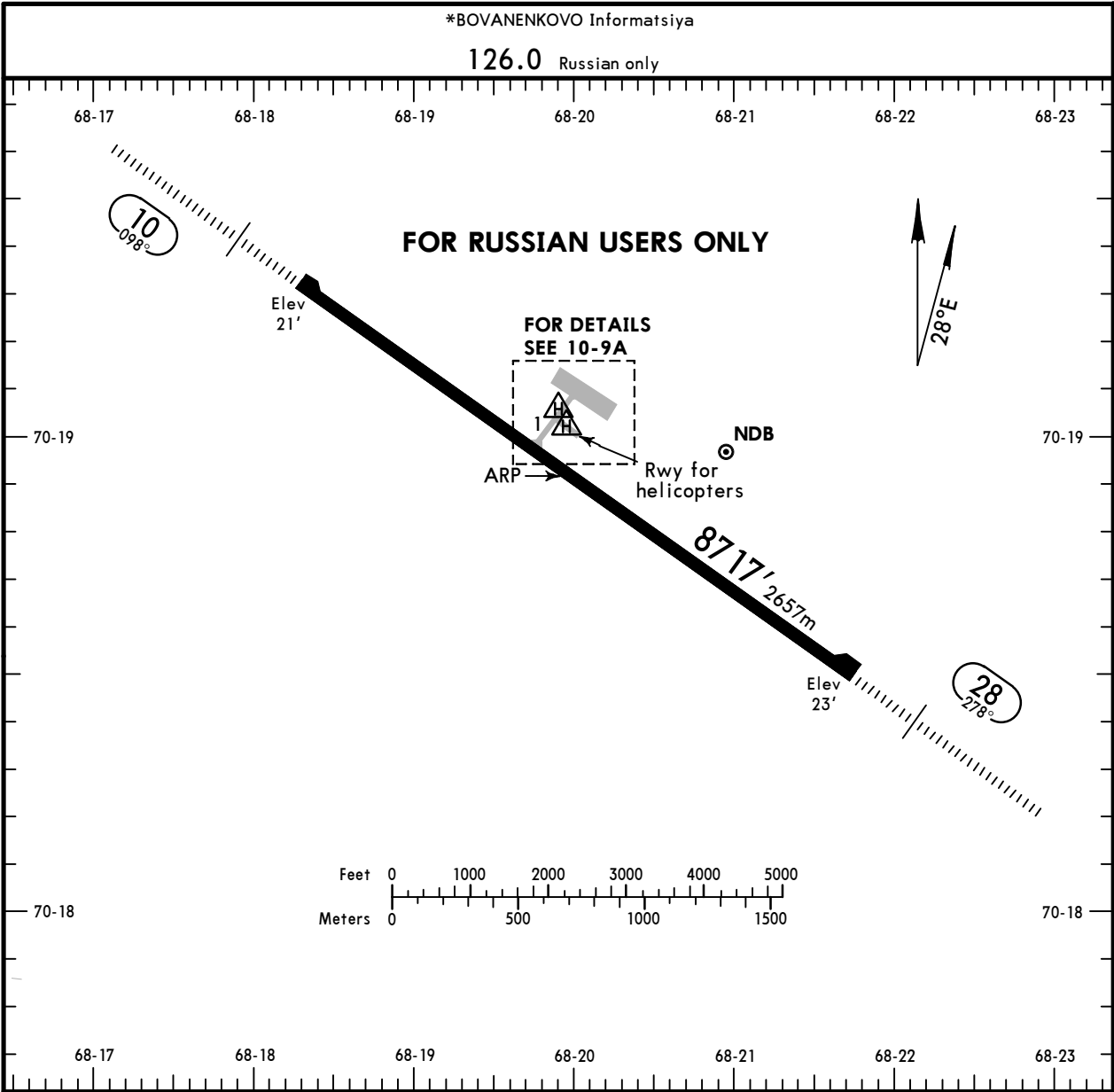
SID



USDB
Apt Elev **23'**
N70 18.9 E068 20.0

JEPPesen
19 JAN 18 **(10-9)** Eff 1 Feb

BOVANENKOVO, RUSSIA
BOVANENKOVO



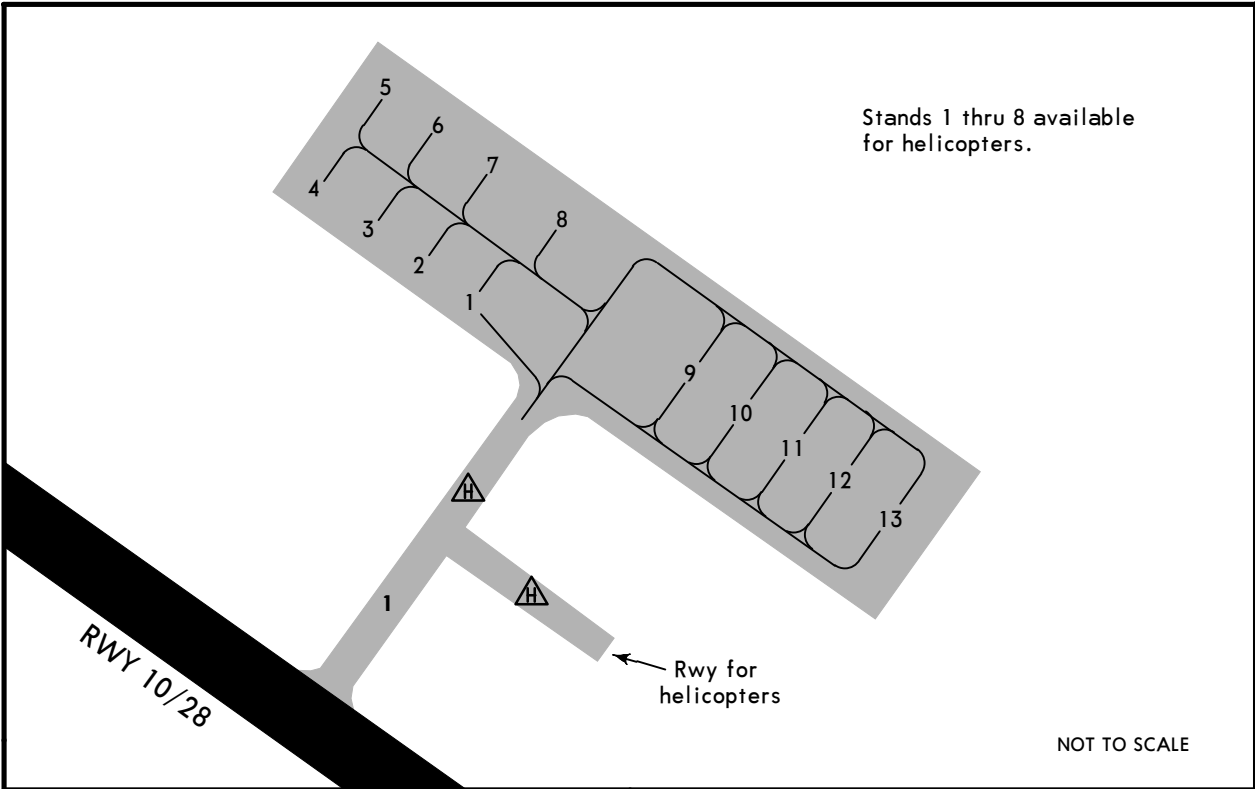
ADDITIONAL RUNWAY INFORMATION					
RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		LANDING BEYOND			
		Threshold	Glide Slope		
10	HIRL (60m) HIALS PAPI-L (angle 3.0°)				151'
28					46m

--

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	
D	300m
	400m

USDB

BOVANENKOVO, RUSSIA
BOVANENKOVO



INS COORDINATES	
STAND No.	COORDINATES
1, 2	N70 19.2 E068 19.8
3 thru 5	N70 19.2 E068 19.7
6, 7	N70 19.2 E068 19.8
8	N70 19.2 E068 19.9
9	N70 19.1 E068 20.0
10, 11	N70 19.1 E068 20.1
12, 13	N70 19.1 E068 20.2

USDB


JEPPesen
29 APR 16 **10-9S**
Standard
BOVANENKOVO, RUSSIA
BOVANENKOVO

STRAIGHT-IN RWY		A	B	C	D
10	GLS	221'(200')	221'(200')	221'(200')	221'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	RNAV ①	350'(329')	350'(329')	350'(329')	350'(329')
	ALS out	R800m R1500m	R800m R1500m	R800m R1500m	R800m R1500m
	NDB ①	430'(409')	430'(409')	440'(419')	450'(429')
	ALS out	R1200m R1500m	R1200m R1500m	R1200m R1900m	R1300m R2000m
	NDB	430'(409')	430'(409')	440'(419')	450'(429')
	ALS out	R1400m C2100m	R1400m C2100m	R1600m C2300m	R1700m C2400m
28	GLS	223'(200')	223'(200')	223'(200')	223'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	RNAV ①	330'(307')	330'(307')	330'(307')	330'(307')
	ALS out	R750m R1400m	R750m R1400m	R750m R1400m	R750m R1400m
	NDB ①	430'(407')	430'(407')	440'(417')	460'(437')
	ALS out	R1200m R1500m	R1200m R1500m	R1200m R1900m	R1300m R2000m
	NDB	430'(407')	430'(407')	440'(417')	460'(437')
	ALS out	R1400m C2100m	R1400m C2100m	R1600m C2300m	R1700m C2400m

① Continuous Descent Final Approach.

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
	470'(447')	530'(507')	650'(627')	730'(707')
	V1500m ②	V1600m ②	V2400m	V3600m

② or higher minimums of preceding straight-in approach.

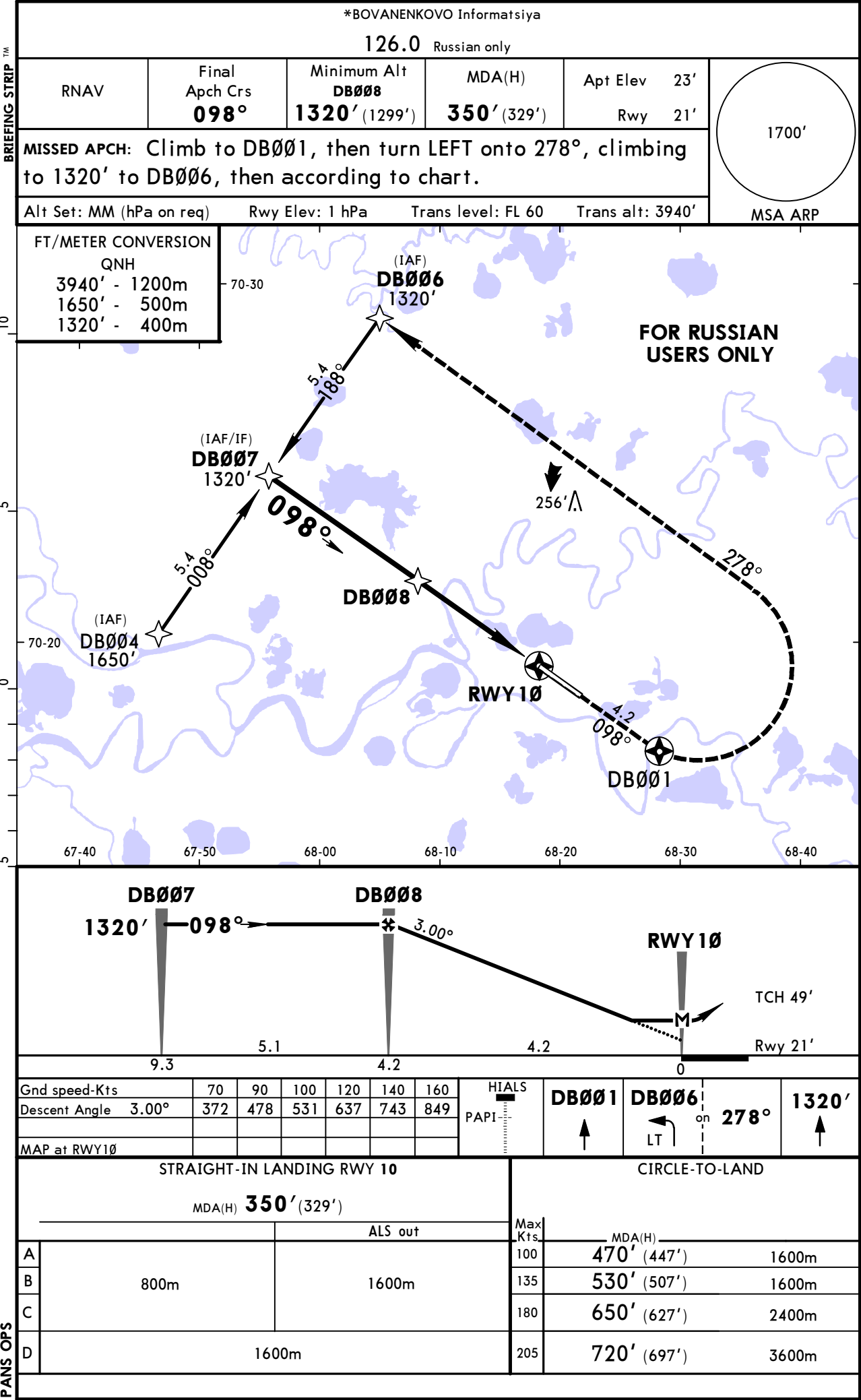
TAKE-OFF RWY 10, 28

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		

USDB
BOVANENKOVO

JEPPESSEN
29 APR 16 (12-1)

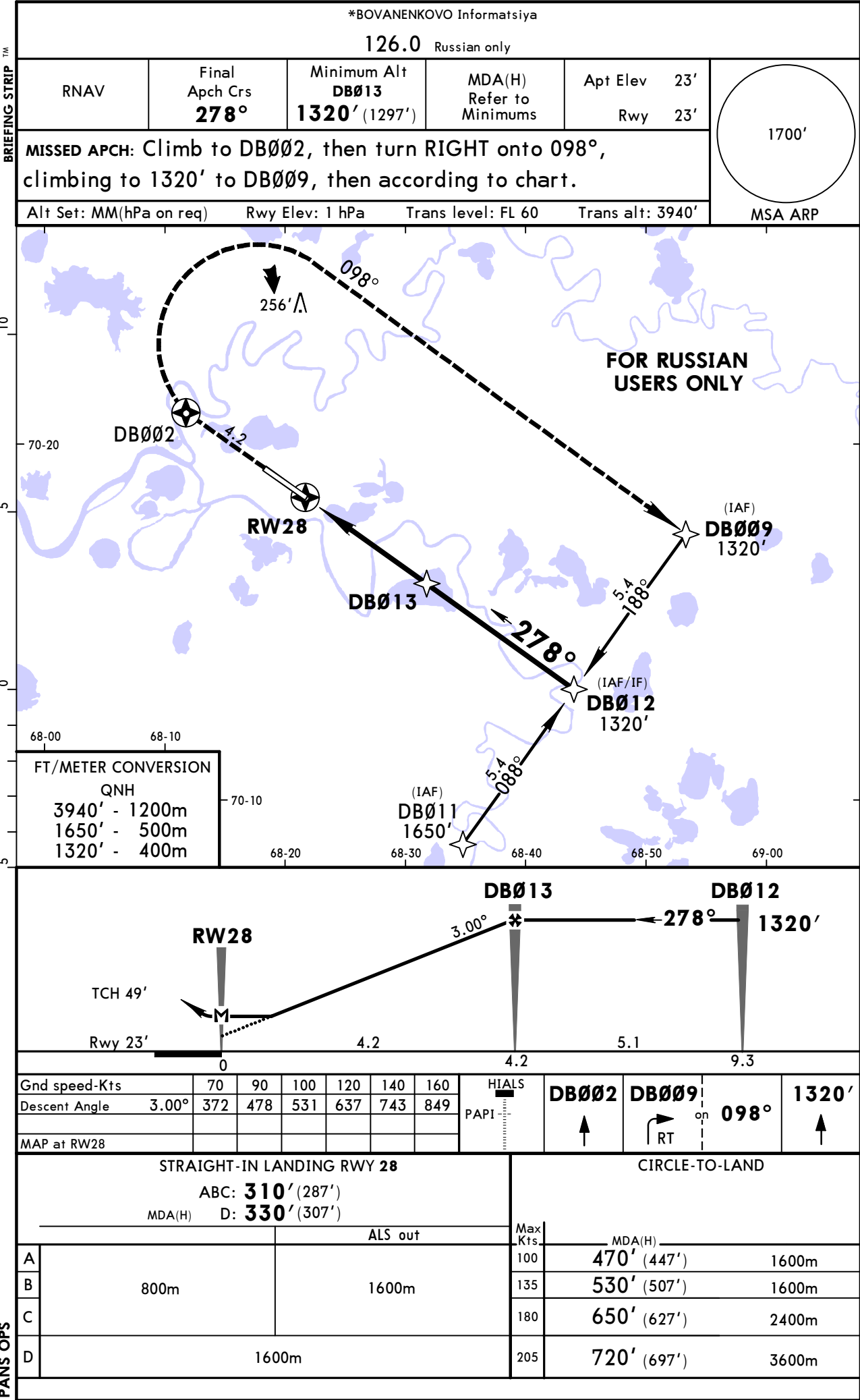
BOVANENKOVO, RUSSIA
RNAV (GNSS) Rwy 10



USDB
BOVANENKOVO

JEPPESSEN
29 APR 16 (12-2)

BOVANENKOVO, RUSSIA
RNAV (GNSS) Rwy 28



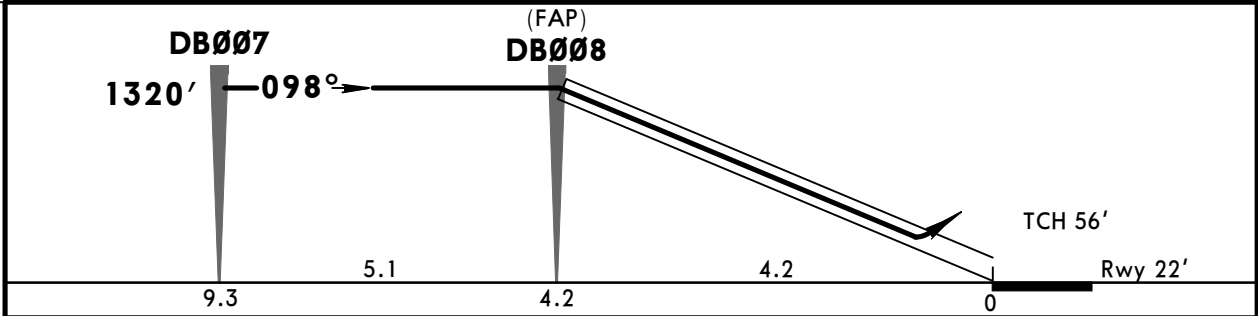
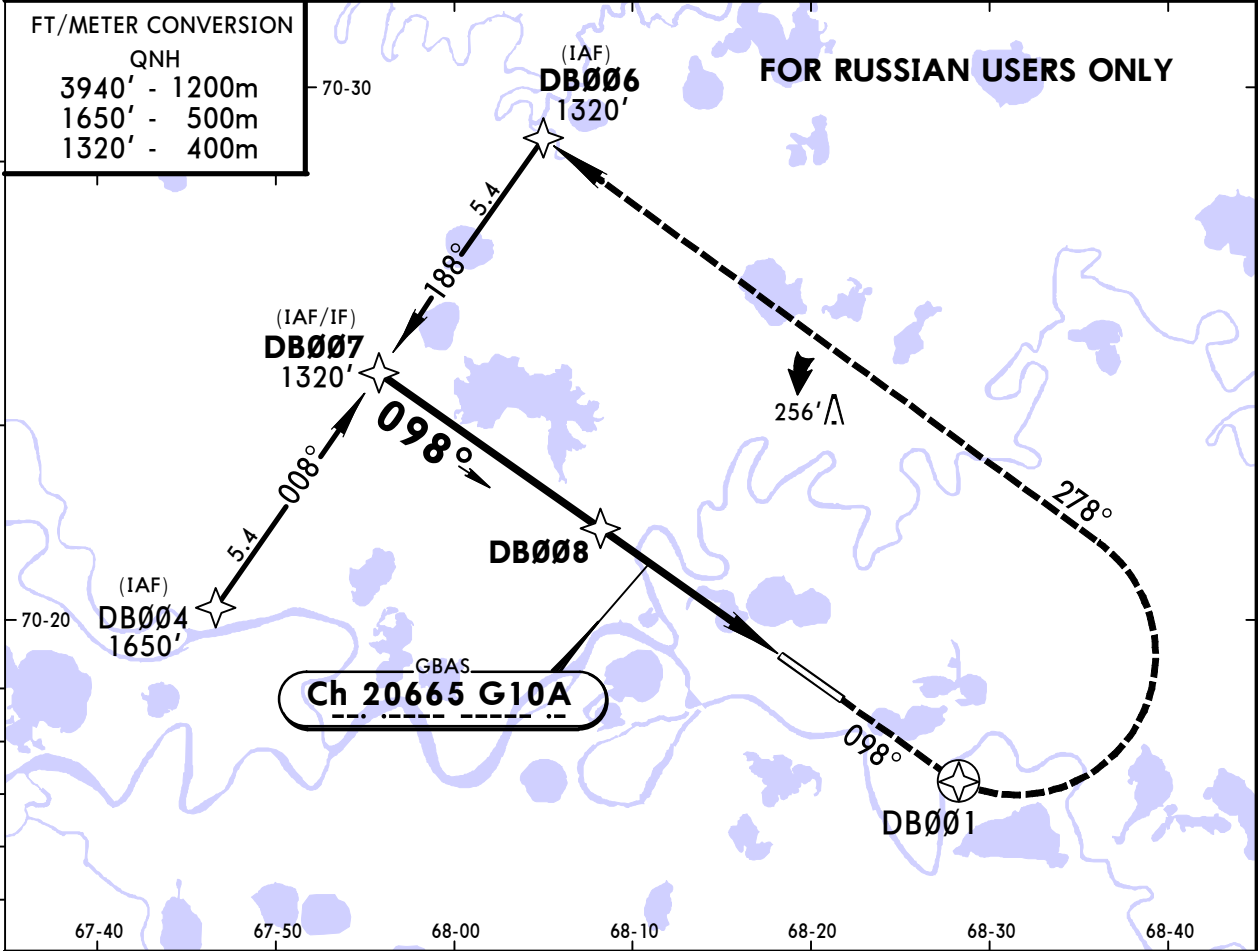
USDB
BOVANENKOVO

JEPPESSEN
30 NOV 18 12-40 Eff 6 Dec

BOVANENKOVO, RUSSIA
GLS Rwy 10

BRIEFING STRIP™

*BOVANENKOVO Informatsiya					
126.0 Russian only					
GBAS Ch 20665 G10A	Final Apch Crs 098°	Minimum Alt DB008 1320' (1298')	GLS DA(H) 222' (200')	Apt Elev 23' Rwy 22'	1700' MSA ARP
MISSED APCH: Climb to DB001, then turn LEFT onto 278°, climbing to 1320' to DB006, then according to chart.					
Alt Set: MM (hPa on req)		Rwy Elev: 1 hPa	Trans level: FL 60	Trans alt: 3940'	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	DB001	DB006	on 278°	1320'
Glide Path Angle 3.00°	372	478	531	637	743	849	PAPI	↑	LT		↑
MAP at DA											

STRAIGHT-IN LANDING RWY 10				CIRCLE-TO-LAND			
DA(H) 222' (200')							
FULL		ALS out		Max Kts	MDA(H)		
A	800m	1200m		100	470' (447')		1600m
B				135	530' (507')		1600m
C				180	650' (627')		2400m
D				205	720' (697')		3600m

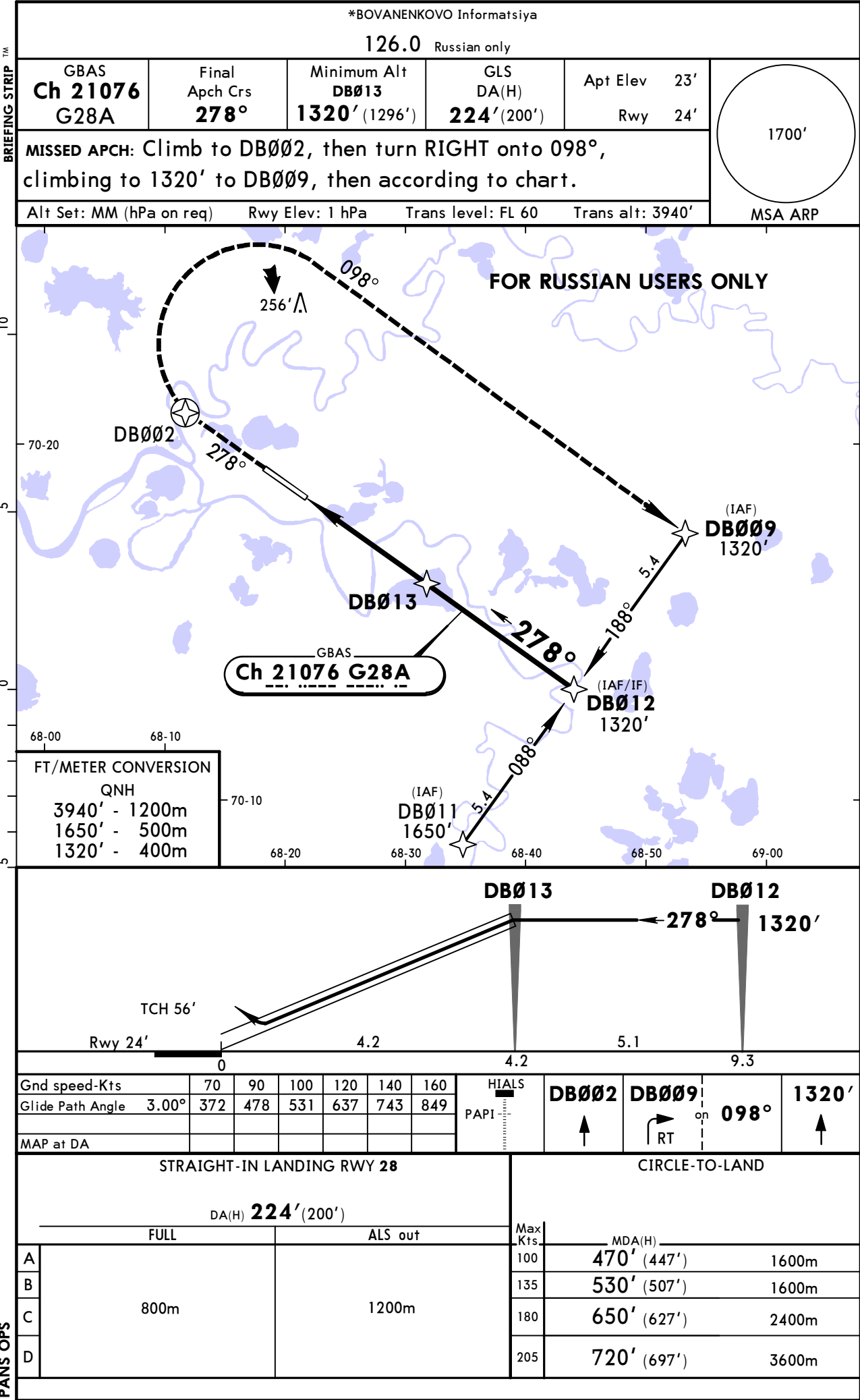
CHANGES: GLS ident. Rwy elev. TCH.

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USDB
BOVANENKOVO

JEPPESSEN
30 NOV 18 (12-41) Eff 6 Dec

BOVANENKOVO, RUSSIA
GLS Rwy 28



USDB
BOVANENKOVO

JEPPESSEN
19 APR 19 **16-1** Eff 25 Apr

BOVANENKOVO, RUSSIA
NDB Rwy 10

*BOVANENKOVO Informatsiya

126.0 Russian only

NDB
BN
***450**

Final
Apch Crs
091°

No FAF

MDA(H)
Refer to
Minimums

Appt Elev 23'
Rwy 22'

1700'

MISSED APCH: Climb STRAIGHT AHEAD to 1320', then turn RIGHT to NDB, then according to chart.

Alt Set: MM (hPa on req)

Rwy Elev: 1 hPa

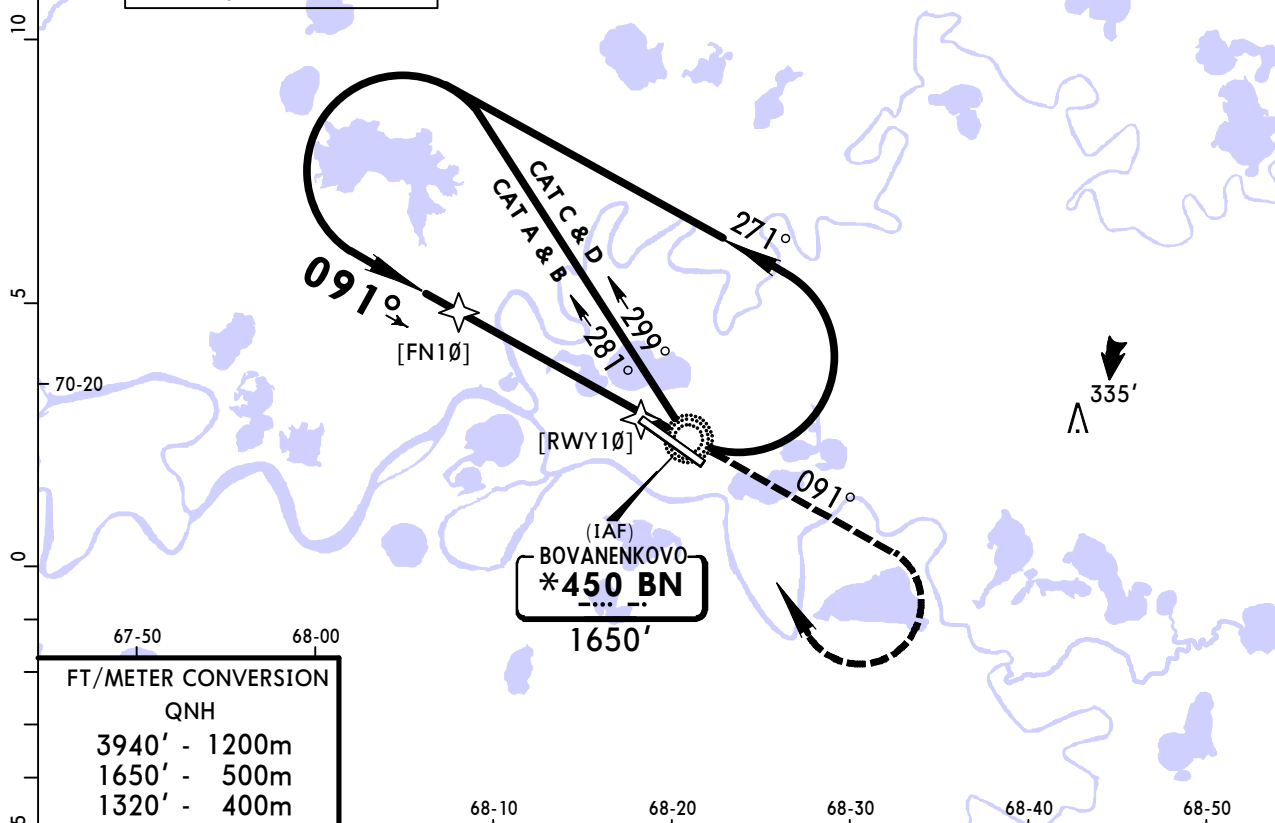
Trans level: FL 60

Trans alt: 3940'

MSA BN NDB

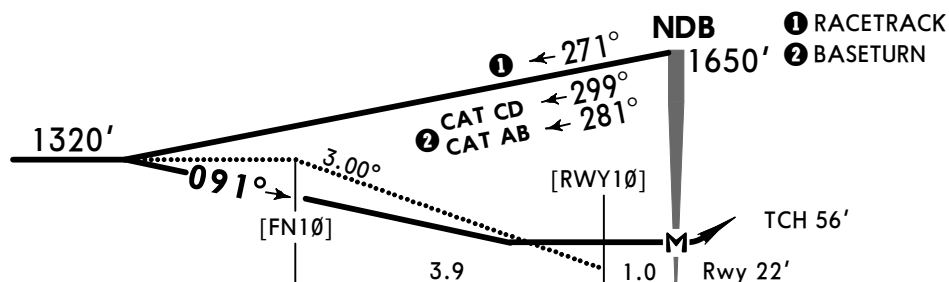
Final apch track offset 7°
from Rwy centerline.

FOR RUSSIAN USERS ONLY



FT/METER CONVERSION	
QNH	
3940'	1200m
1650'	500m
1320'	400m

Start
turn at
CAT A & B:
3 Min
CAT C & D:
2 Min



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

HIALS	1320'	BN 450
PAPI	↑	RT

STRAIGHT-IN LANDING RWY 10

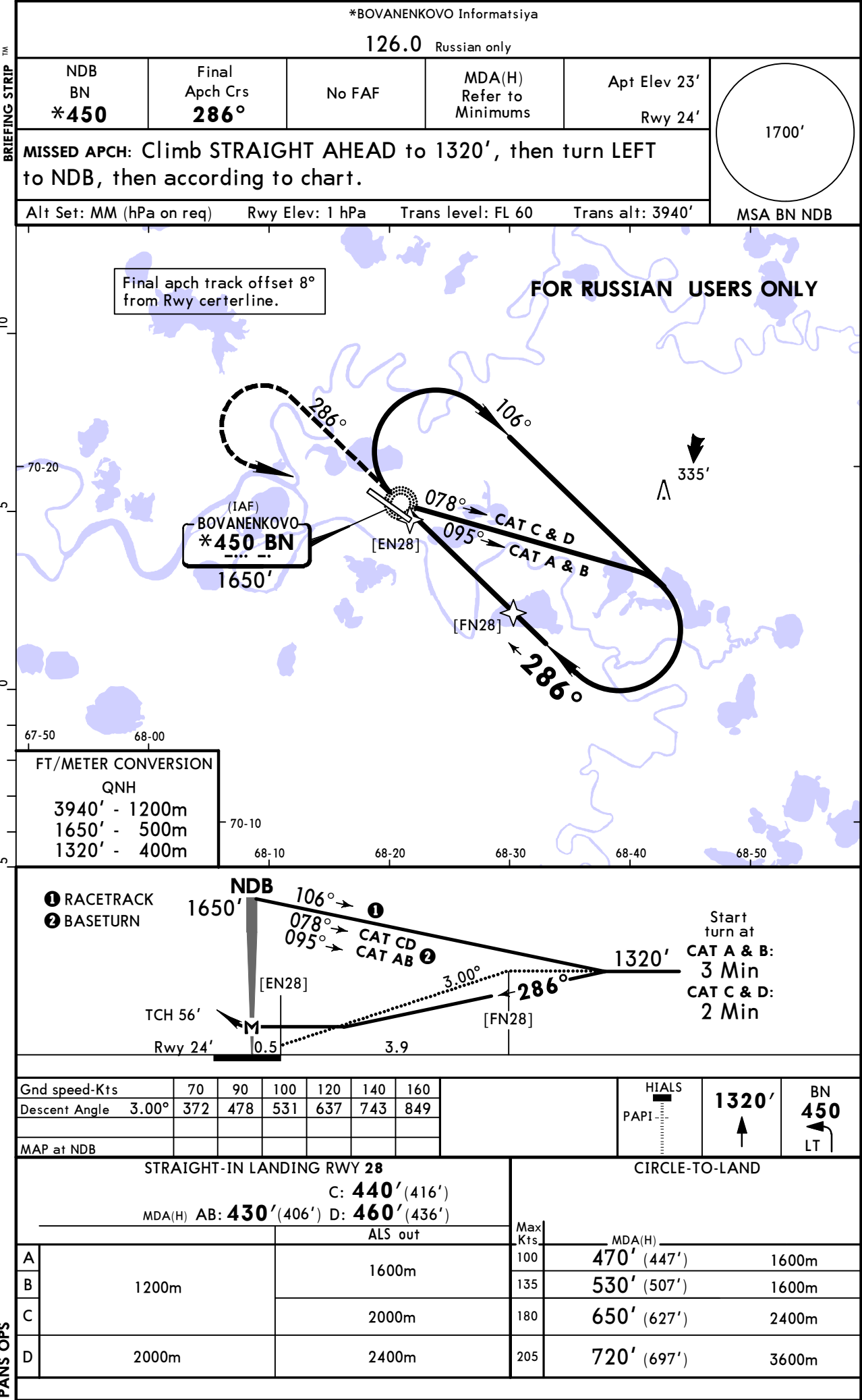
CIRCLE-TO-LAND

		C: 440' (418')		D: 450' (428')	
MDA(H) AB: 430' (408')		ALS out			
A	1200m	1600m	Max Kts	MDA(H)	
B			100	470' (447')	1600m
C		2000m	135	530' (507')	1600m
D	2000m	2400m	180	650' (627')	2400m
			205	720' (697')	3600m

USDB
BOVANENKOVO

JEPPESEN
19 APR 19 16-2 Eff 25 Apr

BOVANENKOVO, RUSSIA
NDB Rwy 28



BOVANENKOVO, (BOVANENKOVO - USDB)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport USDB