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Changed chart(s) since Disc 16-2010

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 16-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UMMG

General Info

Grodno, BLR

N 53° 36.1' E 24° 03.2' Mag Var: 4.6°E

Elevation: 443'

Public, IFR, Customs, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 09-27 2185' x 92' asphalt

Runway 17-35 8399' x 138' concrete

Runway 09 (80.0°M) TDZE 443'

Runway 17 (172.0°M) TDZE 443'

Lights: Edge, ALS

Runway 27 (260.0°M) TDZE 443'

Runway 35 (352.0°M) TDZE 430'

Lights: Edge, ALS

Communications InfoATIS **124.25** Non-EnglishGrodno Approach Control **134.5****Notebook Info**

UMMG/GNA
GRODNO

JEPPESEN
4 DEC 09 **10-2** **Eff 17 Dec**

GRODNO, BELARUS

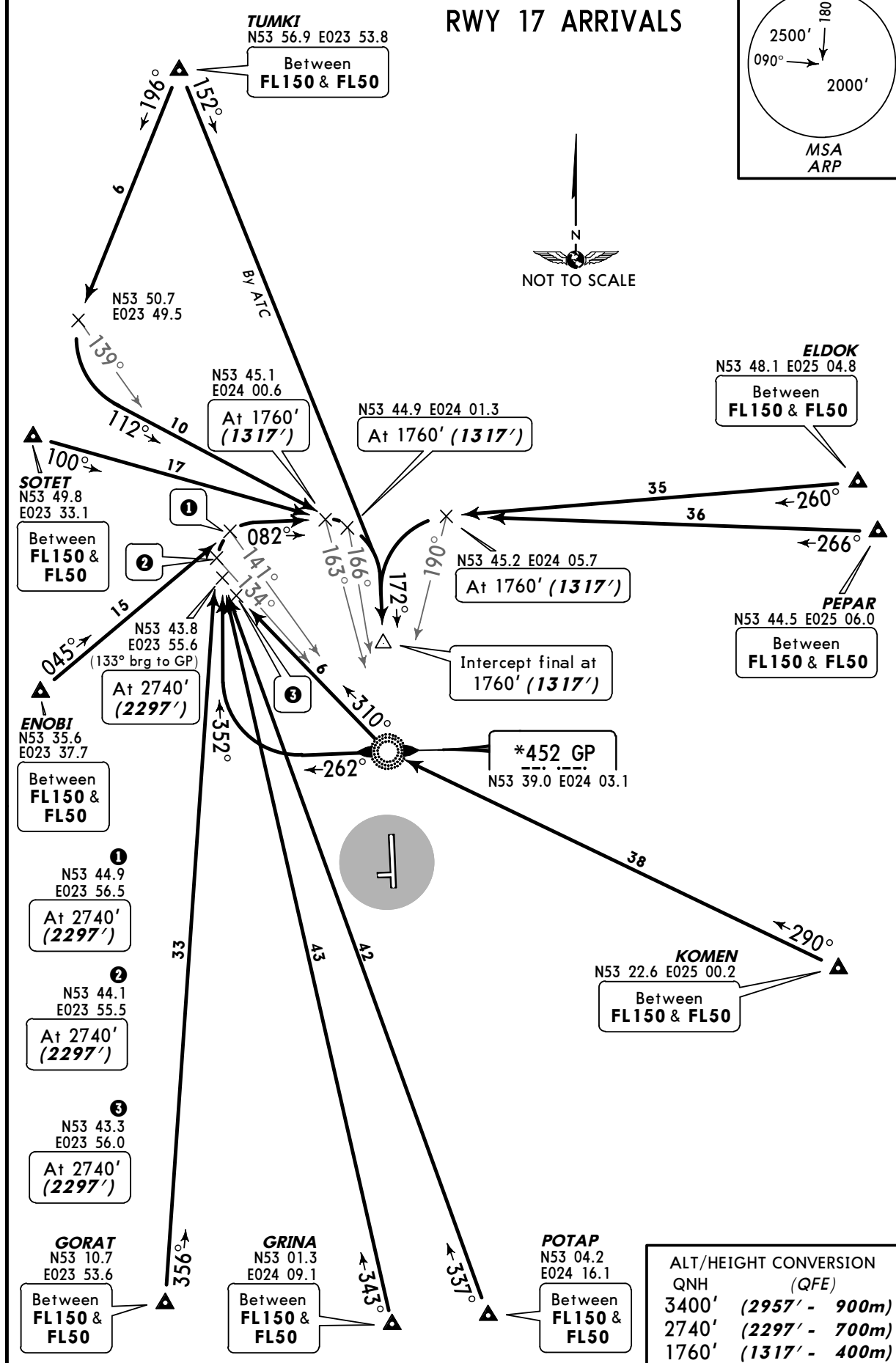
STAR

*ATIS
124.25
Russian only

Apt Elev
443'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL50
Trans alt: 3400' **(2957')**

RWY 17 ARRIVALS



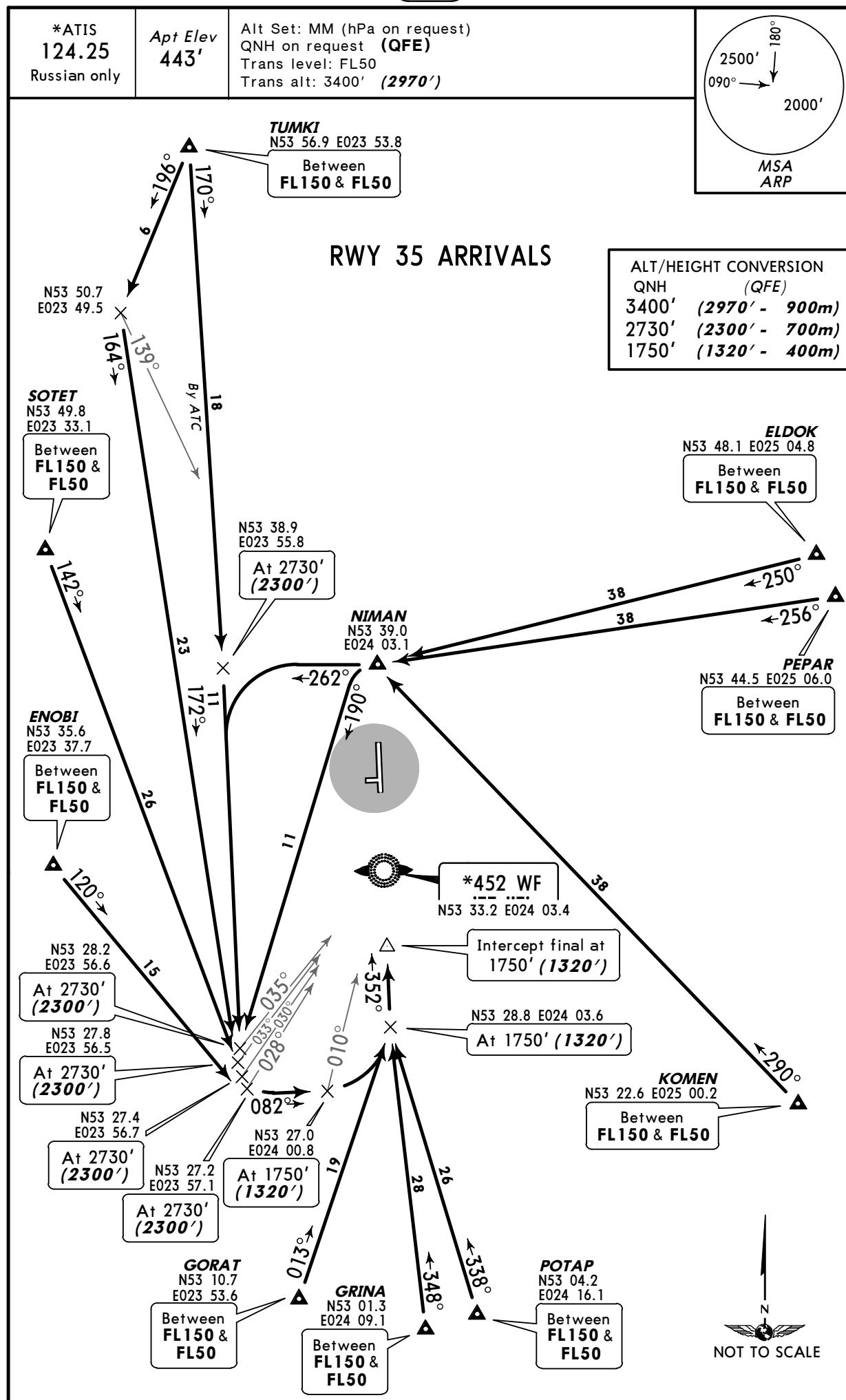
CHANGES: ATIS commissioned.

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UMMG/GNA
GRODNO

JEPPesen
4 DEC 09 **10-2A** Eff 17 Dec

GRODNO, BELARUS
STAR



UMMG/GNA
GRODNO

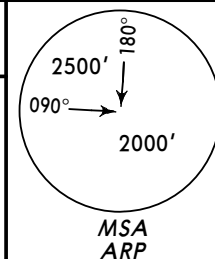
JEPPesen
4 DEC 09 **10-3** Eff 17 Dec

GRODNO, BELARUS

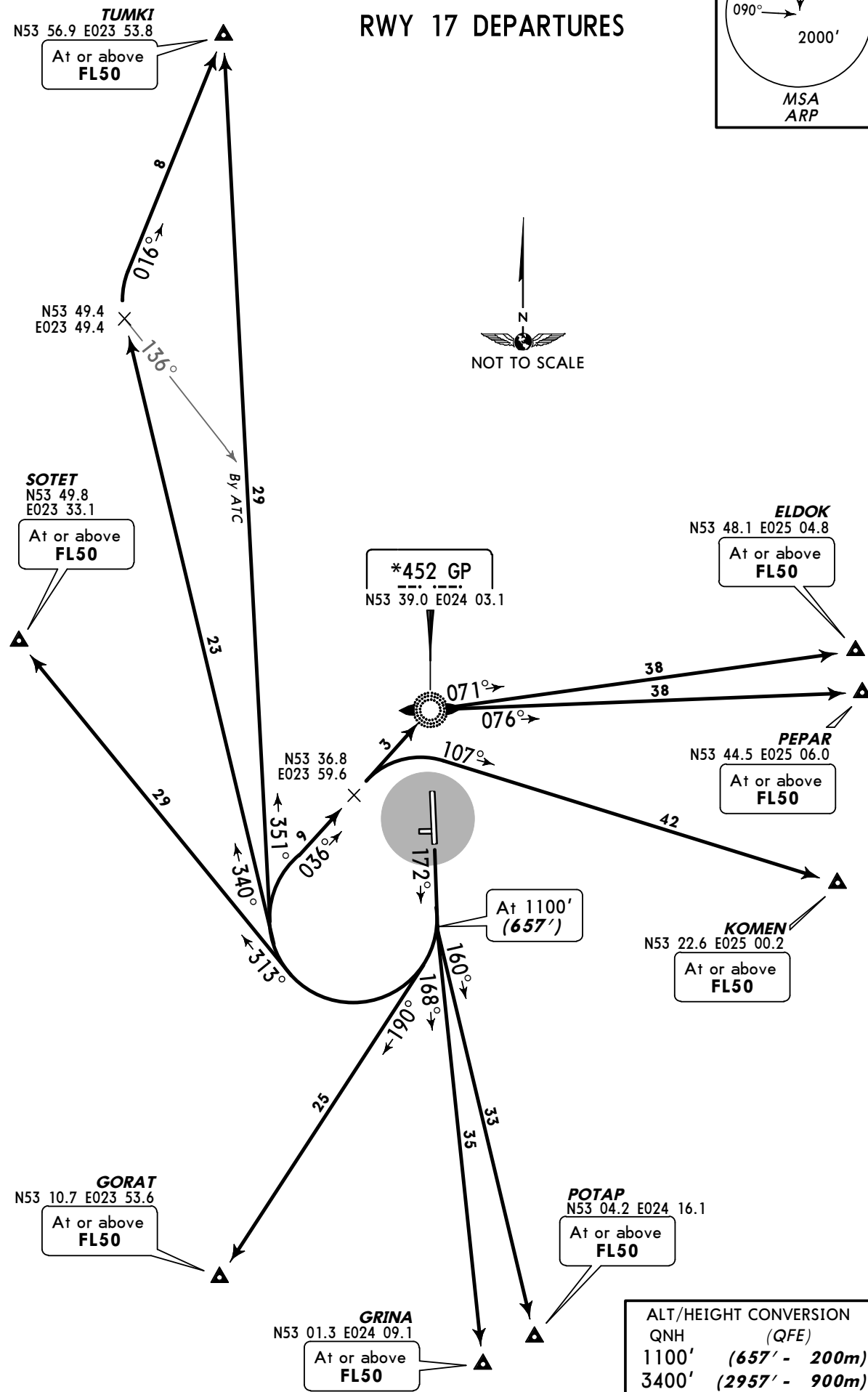
SID

Apt Elev
443'

QNH on request **(QFE)**
Trans level: FL50 Trans alt: 3400' **(2957')**



RWY 17 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
1100'	(657' - 200m)
3400'	(2957' - 900m)

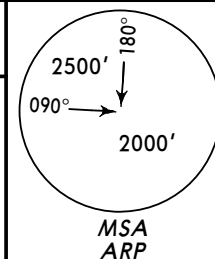
UMMG/GNA
GRODNO

JEPPESSEN
 4 DEC 09 **(10-3A)** Eff 17 Dec

GRODNO, BELARUS
SID

Apt Elev
443'

QNH on request (QFE)
 Trans level: FL50 Trans alt: 3400' (2970')



RWY 35 DEPARTURES

TUMKI
 N53 56.9 E023 53.8

At or above
FL50

N53 49.4 E023 49.4

SOTET
 N53 49.8 E023 33.1

At or above
FL50

ELDOK
 N53 48.1 E025 04.8

At or above
FL50

PEPAR
 N53 44.5 E025 06.0

At or above
FL50

KOMEN
 N53 22.6 E025 00.2

At or above
FL50

***452 WF**
 N53 33.2 E024 03.4

GORAT
 N53 10.7 E023 53.6

At or above
FL50

GRINA
 N53 01.3 E024 09.1

At or above
FL50

POTAP
 N53 04.2 E024 16.1

At or above
FL50

ALT/HEIGHT CONVERSION
 QNH (QFE)
 1090' (660' - 200m)
 3400' (2970' - 900m)

UMMG/GNA

Apt Elev **443'**
N53 36.1 E024 03.2

JEPPESEN

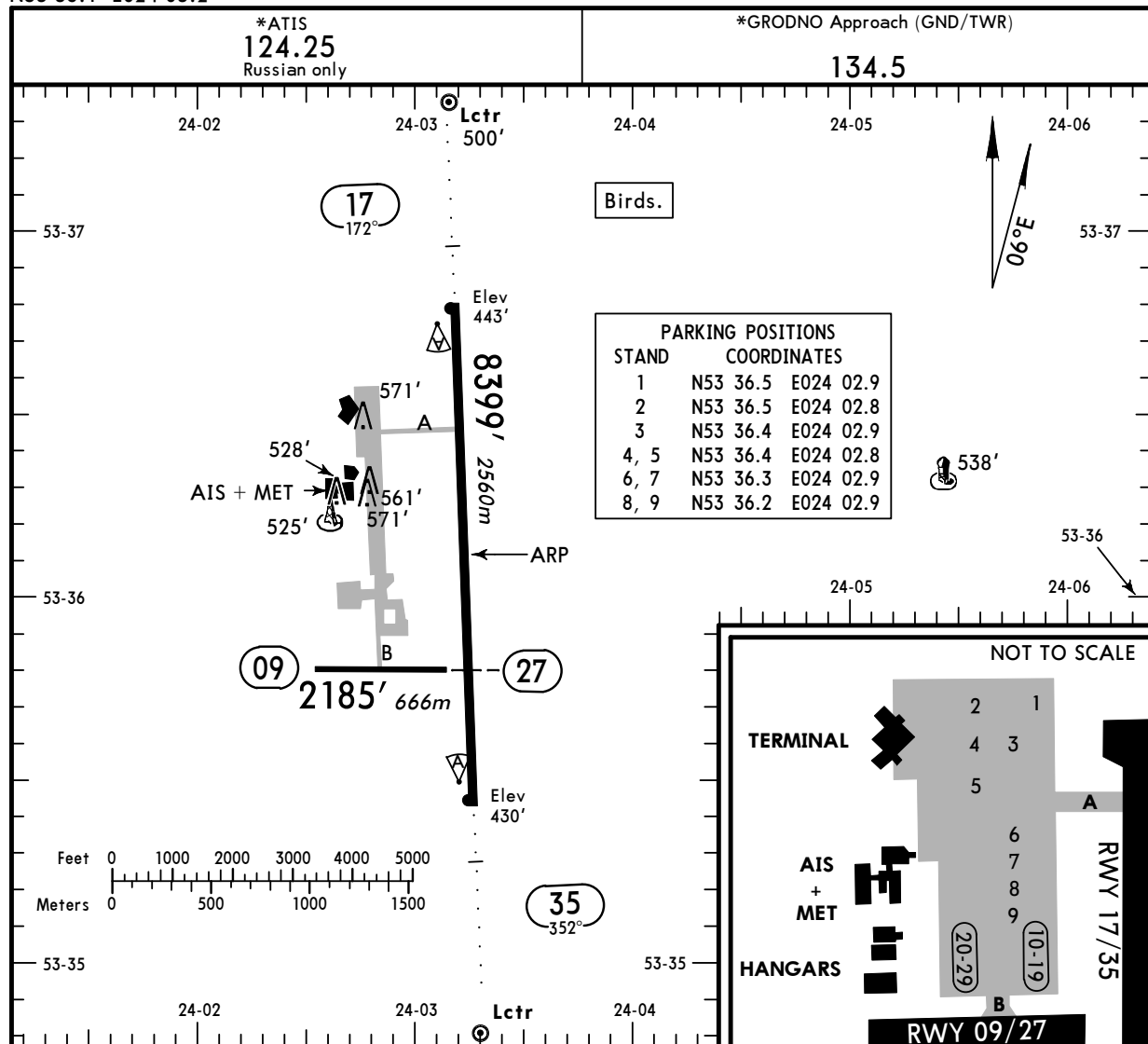
4 DEC 09

(10-9)

Eff 17 Dec

GRODNO, BELARUS

GRODNO



ADDITIONAL RUNWAY INFORMATION

		USABLE LENGTHS			WIDTH
		LANDING BEYOND		TAKE-OFF	
RWY		Threshold	Glide Slope		
09					92' 28m
27					
17	RL (60m) ALS PAPI-L (angle 2.67°) RVR		7245' 2208m	①	138' 42m
35		8235' 2510m			

① TAKE OFF RUN AVAILABLE

RWY 17:

From rwy head 8399' (2560m)
twy int A 5676' (1730m)

RWY 35:

From rwy head 8235' (2510m)
twy int A 2723' (830m)

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A

B

C

D

250m

300m

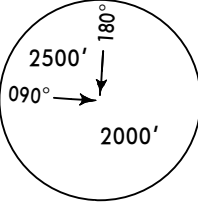
400m

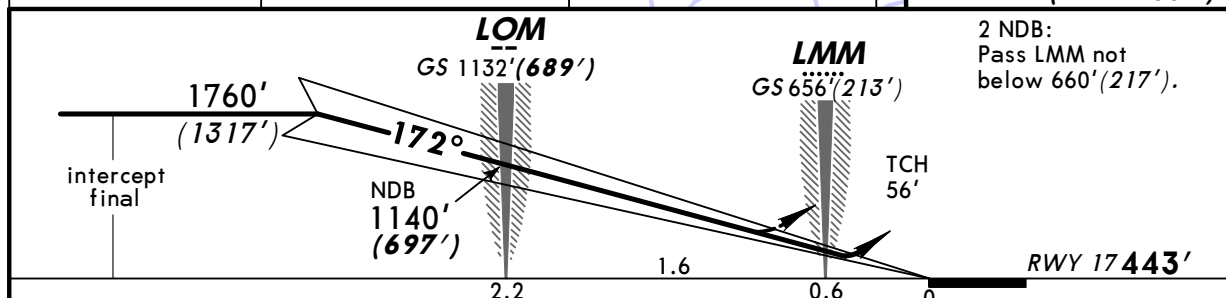
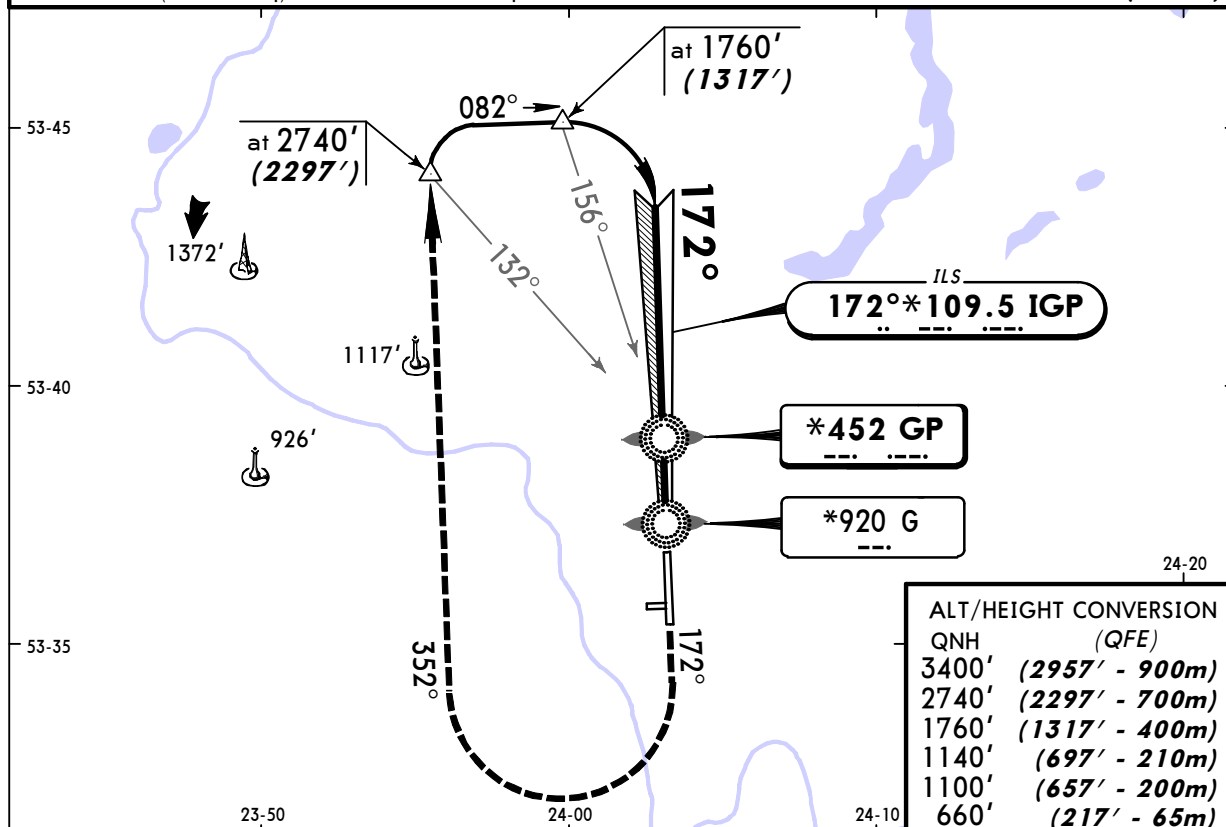
UMMG/GNA
GRODNO

JEPPesen
4 DEC 09 **(11-1)** **Eff 17 Dec**

GRODNO, BELARUS
ILS or 2 NDB Rwy 17

BRIEFING STRIP

*ATIS 124.25 Russian only		*GRODNO Approach(APP/SRE/PAR/TWR) 134.5		*Ground 134.5		
LOC IGP *109.5	Final Apch Crs 172°	GS LOM 1132'(689')	ILS DA(H) 643'(200')	Apt Elev 443' RWY 443'		
NDB GP *452		Minimum Alt LOM 1140'(697')	NDB MDA(H) 790'(347')			
MISSED APCH: Climb on 172° to 1100' (657'), then turn RIGHT onto 352° climbing to 2740' (2297'), then according to chart.						MSA Airport
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50		
				Trans alt: 3400' (2957')		



Gnd speed-Kts	70	90	100	120	140	160	ALS	1100' (657') on 172°	352°	2740' (2297')
ILS GS or NDB Desc angle 2.67°	332	427	474	569	664	759	PAPI		RT	

STRAIGHT-IN LANDING RWY 17				
ILS		LOC (GS out)	NDB	
DA(H) 643' (200')			MDA(H) 790' (347')	
FULL	ALS out			ALS out
A	1200m	NOT AUTH	RVR 1500m VIS 1600m	
B				
C			RVR 1800m VIS 2000m	
D				

PANS OPS

UMMG/GNA
GRODNO

JEPPESEN
4 DEC 09 (16-1) Eff 17 Dec

GRODNO, BELARUS
2 NDB Rwy 35

*ATIS 124.25 Russian only		*GRODNO Approach(APP/SRE/PAR/TWR)		*Ground	
		134.5		134.5	
NDB WF *452	Final Apch Crs 352°	Minimum Alt LOM 1110' (680')	MDA(H) 750' (320')	Apt Elev 443' RWY 430'	

MSA Airport

MISSED APCH: Climb on 352° to 1090' (660'), then turn LEFT onto 172° climbing to 2730' (2300'), then according to chart.

Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 50	Trans alt: 3400' (2970')
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ALT/HEIGHT CONVERSION
 QNH (QFE)
 3400' (2970' - 900m)
 2730' (2300' - 700m)
 1750' (1320' - 400m)
 1110' (680' - 205m)
 1090' (660' - 200m)
 650' (220' - 65m)

Pass LMM not below 650' (220').

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

PAPI

1090'
(660')
↑

352°
 LT ↶

172°
 ↶

2730'
(2300')
↑

STRAIGHT-IN LANDING RWY 35	
MDA(H) 750' (320')	ALS out

A	RVR 1500m VIS 1600m		
B			
C			
D			