

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

No revision activity since Disc 09-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UMMG

General Info

Hrodna, 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'

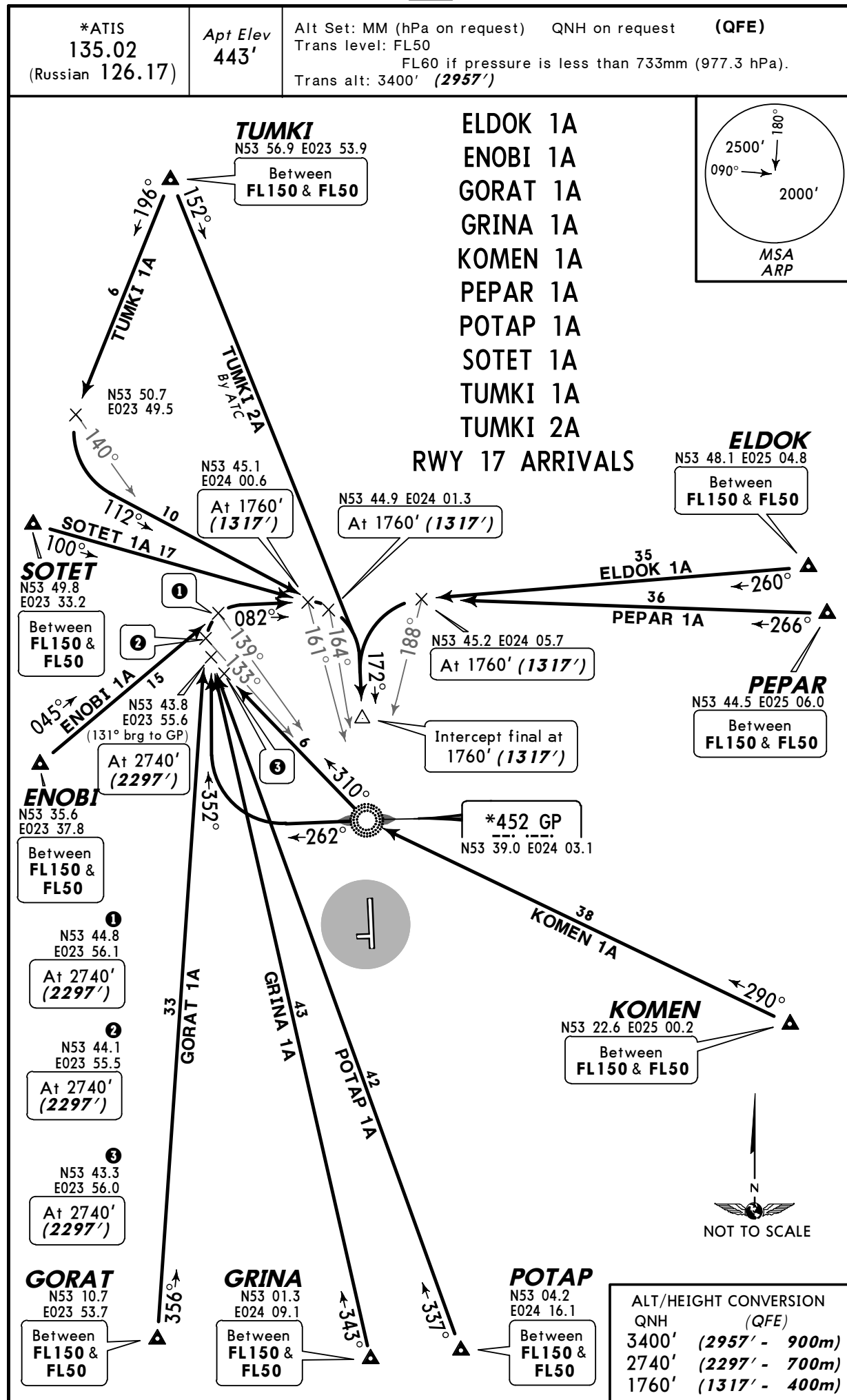
Lights: Edge, ALS

Communications InfoATIS **135.025**ATIS **126.175** Non-EnglishHrodna Tower Approach Control **134.5****Notebook Info**

UMMG/GNA
HRODNA

JEPPESSEN
 3 DEC 10 **10-2**

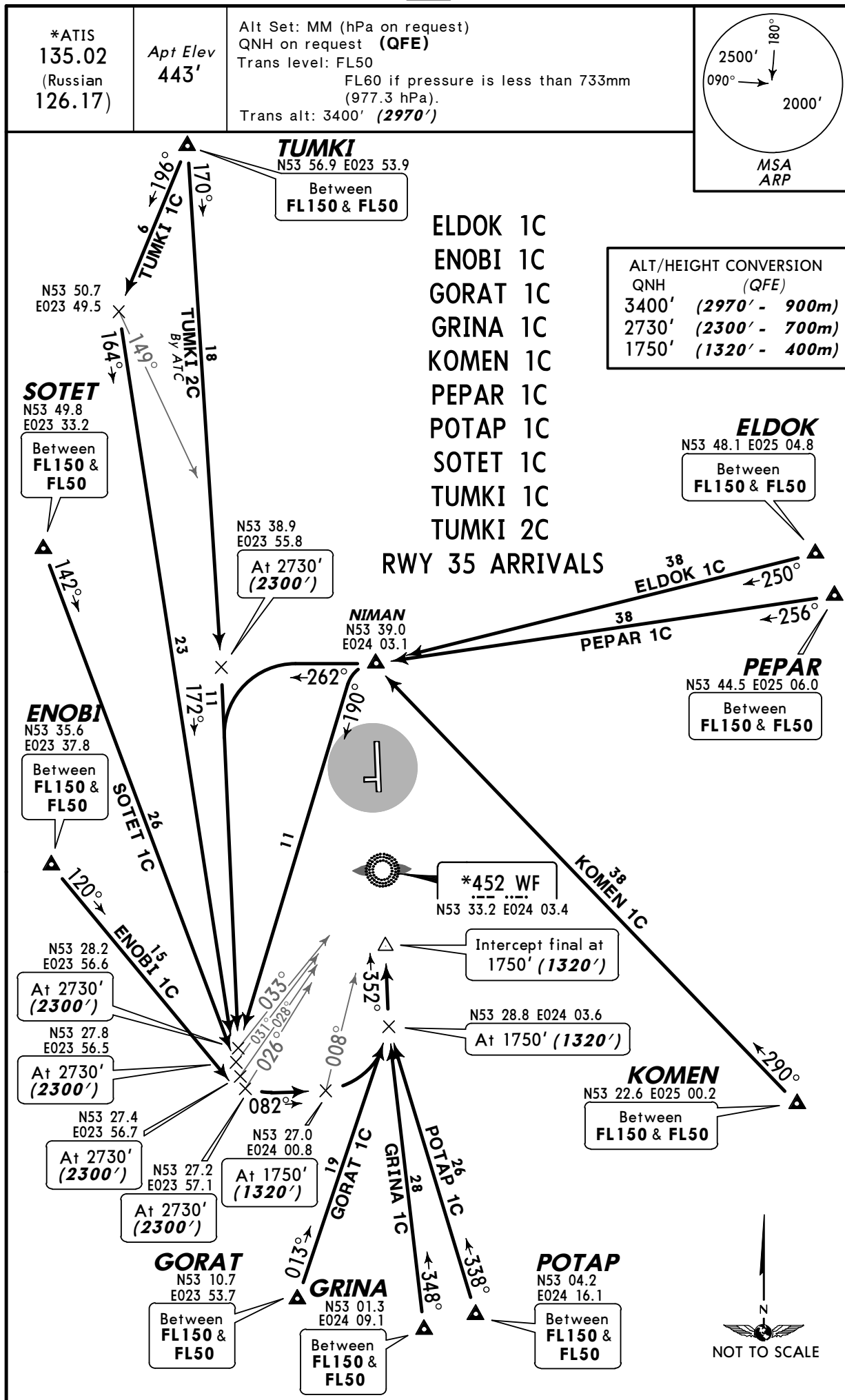
HRODNA, BELARUS
STAR



UMMG/GNA
HRODNA

JEPPESEN
 3 DEC 10 **10-2A**

HRODNA, BELARUS
STAR



UMMG/GNA
HRODNA

JEPPesen
5 NOV 10 **10-3** **Eff 18 Nov**

HRODNA, BELARUS
SID

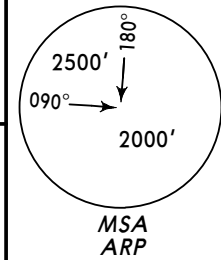
Apt Elev
443'

QNH on request **(QFE)**

Trans level: FL50

FL60 if pressure is less than 733mm (977.3 hPa).

Trans alt: 3400' **(2957')**



TUMKI
N53 56.9 E023 53.8

At or above
FL50

ELDOK 1B
GORAT 1B
GRINA 1B
KOMEN 1B
POTAP 1B
PEPAR 1B
SOTET 1B
TUMKI 1B
TUMKI 2B
RWY 17 DEPARTURES



SOTET
N53 49.8 E023 33.1

At or above
FL50

***452 GP**
N53 39.0 E024 03.1

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

GORAT
N53 10.7 E023 53.6

At or above
FL50

POTAP
N53 04.2 E024 16.1

At or above
FL50

GRINA
N53 01.3 E024 09.1

At or above
FL50

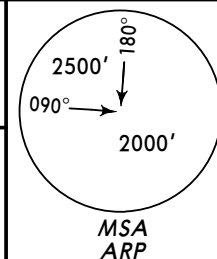
ALT/HEIGHT CONVERSION	
QNH	(QFE)
1100'	(657' - 200m)
3400'	(2957' - 900m)

UMMG/GNA
HRODNA

JEPPESSEN
 5 NOV 10 **(10-3A)** **Eff 18 Nov**

HRODNA, BELARUS
SID

Apt Elev
443'
 QNH on request **(QFE)**
 Trans level: FL50
 FL60 if pressure is less than 733mm (977.3 hPa).
 Trans alt: 3400' **(2970')**



TUMKI
 N53 56.9 E023 53.8

At or above
FL50

ELDOK 1D
 GORAT 1D
 GRINA 1D
 KOMEN 1D
 POTAP 1D
 PEPAR 1D
 SOTET 1D
 TUMKI 1D
 TUMKI 2D

RWY 35 DEPARTURES

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

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

***452 WF**

N53 33.2 E024 03.4

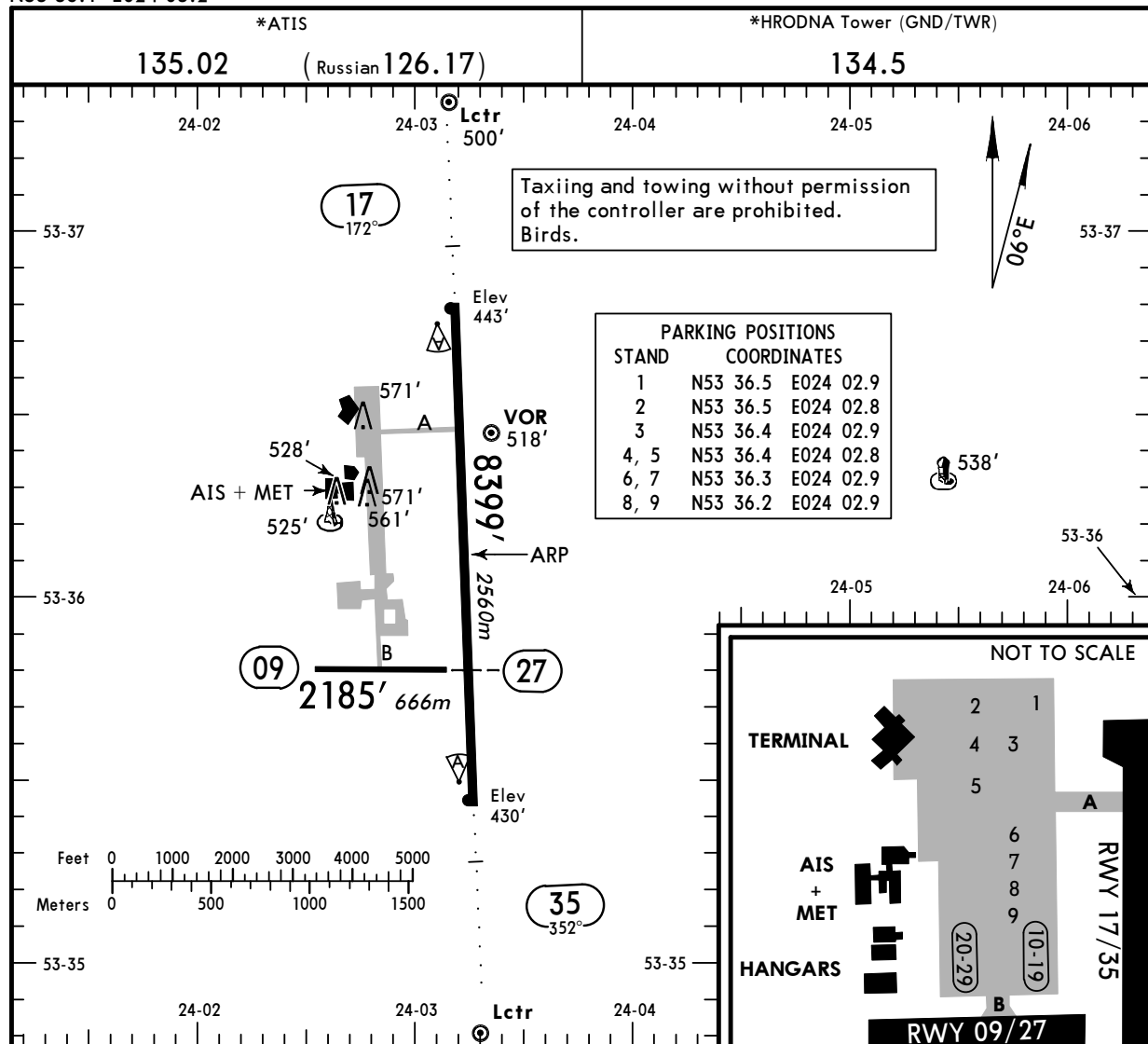
ALT/HEIGHT CONVERSION

QNH	(QFE)
1090'	(660' - 200m)
3400'	(2970' - 900m)

UMMG/GNA

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

JEPPesen

 3 DEC 10 **(10-9)**
HRODNA, BELARUS
HRODNA

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 Rwy's
LVP must be in force

 RCLM (DAY only)
 or RL

 RCLM (DAY only)
 or RL

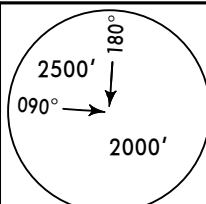
A
B
C
D
250m
300m
400m

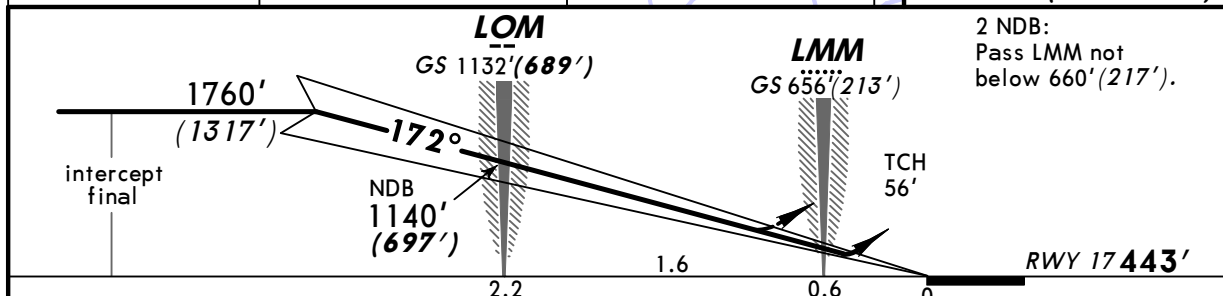
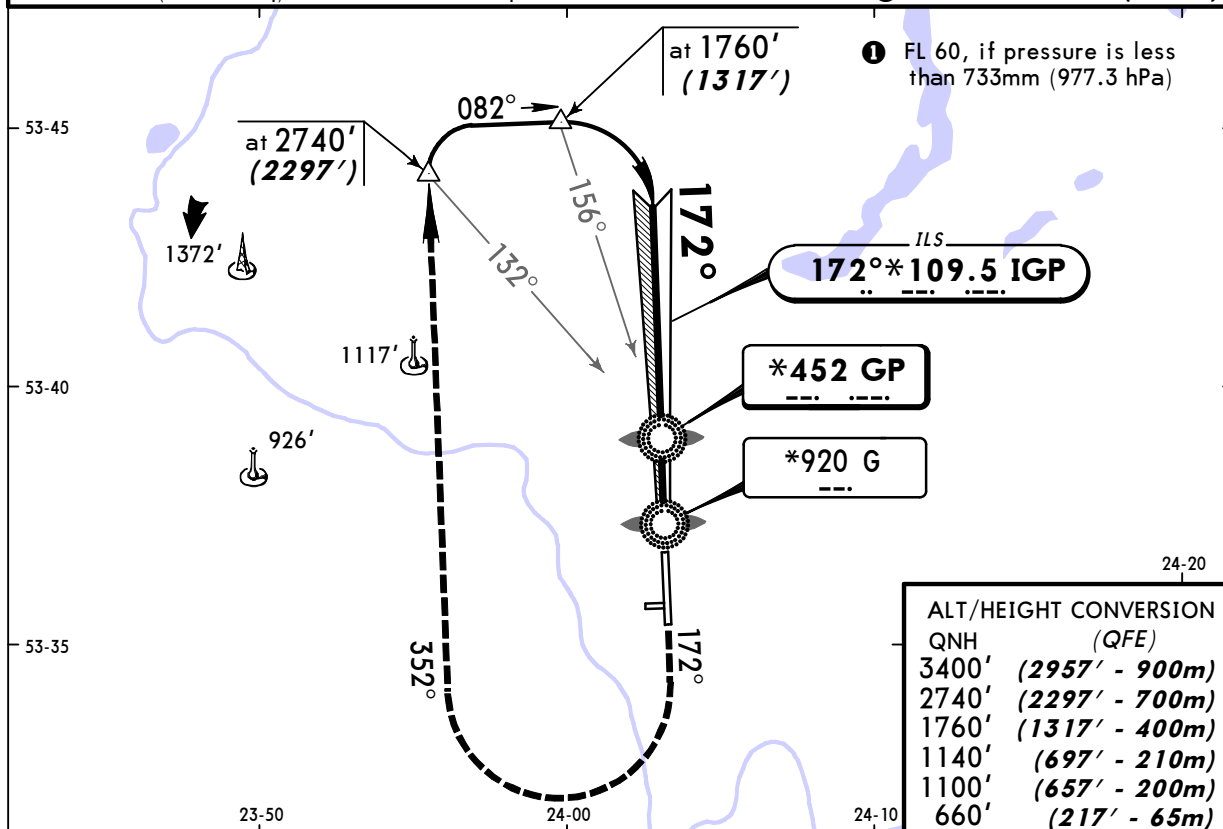
UMMG/GNA
HRODNA

JEPPesen
3 DEC 10 **(11-1)**

HRODNA, BELARUS
ILS or 2 NDB Rwy 17

BRIEFING STRIP

*ATIS		*HRODNA Tower (APP/SRE/TWR)		*Ground	
135.02 (Russian 126.17)		134.5		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.					
Alt Set: MM (hPa on req)		QNH on req (QFE)	Trans level: FL 50 1	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 Descent angle 2.67°	332	427	474	569	664	759	PAPI			

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					
D			RVR 1800m VIS 2000m		

PANS OPS

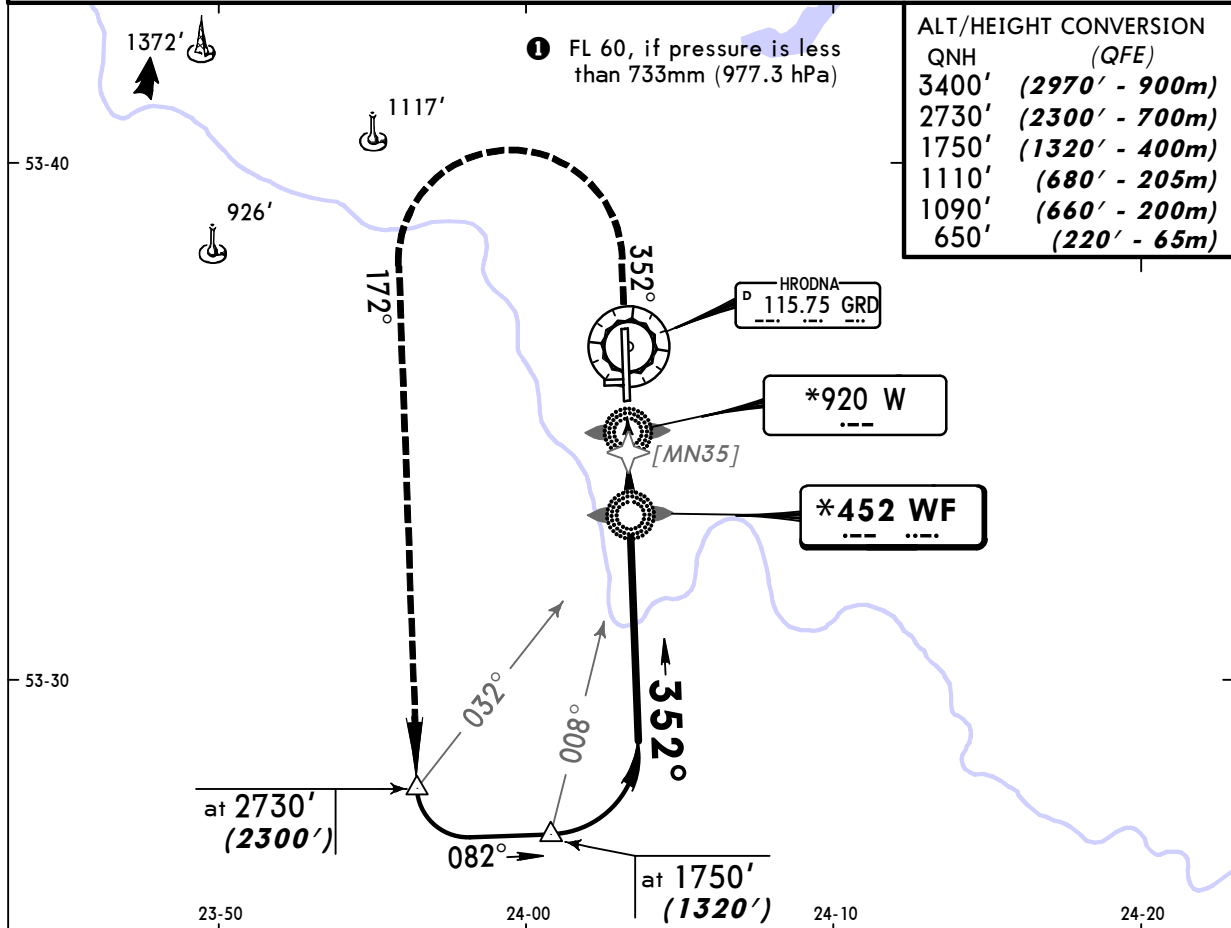
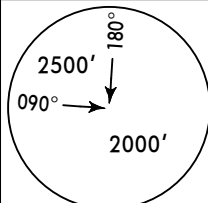
UMMG/GNA
HRODNA

JEPPESEN
3 DEC 10 (16-1)

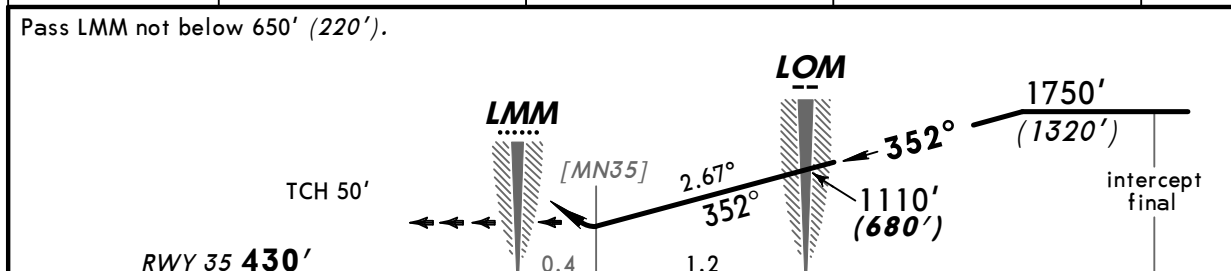
HRODNA, BELARUS
2 NDB Rwy 35

BRIEFING STRIP

*ATIS 135.02 (Russian 126.17)		*HRODNA Tower (APP/SRE/TWR) 134.5		*Ground 134.5	
NDB WF *452	Final Apch Crs 352°	Minimum Alt LOM 1110' (680')	MDA(H) 750' (320')	Apt Elev 443' RWY 430'	
MISSED APCH: Climb on 352° to 1090' (660') , then turn LEFT onto 172° climbing to 2730' (2300') , then according to chart.					MSA Airport
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ①	
				Trans alt: 3400' (2970')	



ALT/HEIGHT CONVERSION	
QNH	(QFE)
3400'	(2970' - 900m)
2730'	(2300' - 700m)
1750'	(1320' - 400m)
1110'	(680' - 205m)
1090'	(660' - 200m)
650'	(220' - 65m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	1090' (660') on 352°	172° LT	2730' (2300')
Descent angle	2.67°	331	425	472	567	661	756	PAPI		

STRAIGHT-IN LANDING RWY 35			
MDA(H) 750'(320')			
		ALS out	
A	RVR 1500m VIS 1600m		
B			
C			
D			

PANS OPS