

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UMMG

Terminal Charts For UMMG

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: HRODNA BLR
ICAO/IATA: UMMG / GNA
Lat/Long: N53° 36.1', E024° 03.2'
Elevation: 443 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -3:00 = UTC
Magnetic Variation: 7.0° E

Fuel Types: 100 Octane (LL), Jet A-1
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0232 Z
Sunset: 1808 Z

Runway Information

Runway: 17
Length x Width: 8399 ft x 138 ft
Surface Type: concrete
TDZ-Elev: 443 ft
Lighting: Edge, ALS

Runway: 35
Length x Width: 8399 ft x 138 ft
Surface Type: concrete
TDZ-Elev: 430 ft
Lighting: Edge, ALS

Communication Information

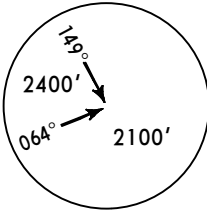
ATIS: 126.175 Non-English
ATIS: 135.025
Hrodna Tower: 134.500

UMMG/GNA
HRODNA

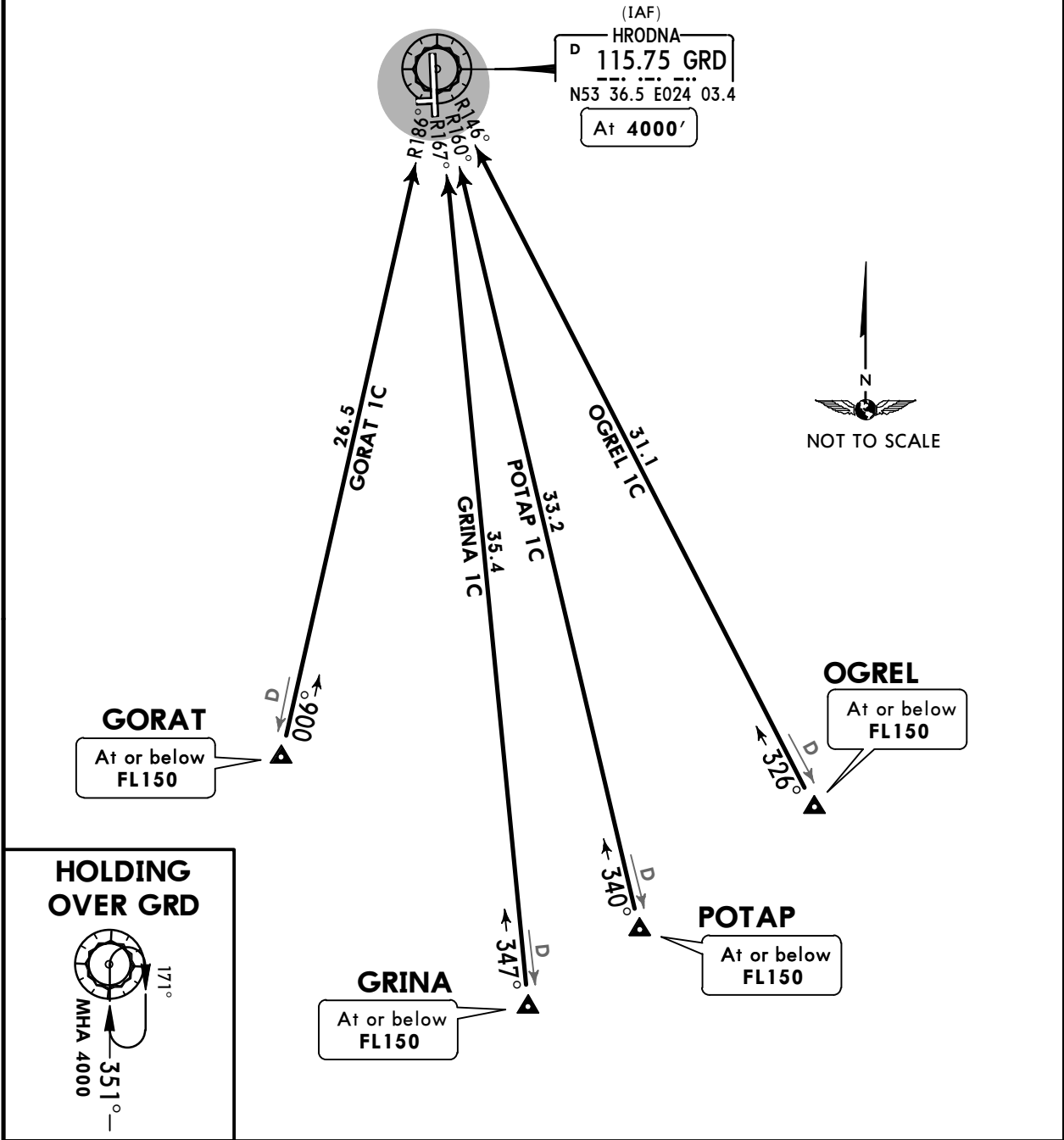
JEPPESSEN
18 NOV 16 10-2A

HRODNA, BELARUS

STAR

*ATIS 135.025 (Russian 126.175)	Apt Elev 443'	Alt Set: hPa Trans level: FL80 FL90 if pressure is less than 977.2 hPa Trans alt: 6000' VOR DME required.	 MSA GRD VOR
--	--------------------------	--	--

GORAT 1C [GORA1C]
GRINA 1C [GRIN1C]
OGREL 1C [OGRE1C]
POTAP 1C [POTA1C]
RWY 17 ARRIVALS



STAR	ROUTING
GORAT 1C	Intercept GRD R-186 inbound to GRD VOR.
GRINA 1C	Intercept GRD R-167 inbound to GRD VOR.
OGREL 1C	Intercept GRD R-146 inbound to GRD VOR.
POTAP 1C	Intercept GRD R-160 inbound to GRD VOR.

UMMG/GNA
HRODNA

18 NOV 16 10-2B

HRODNA, BELARUS
STAR

*ATIS
135.025
(Russian 126.175)

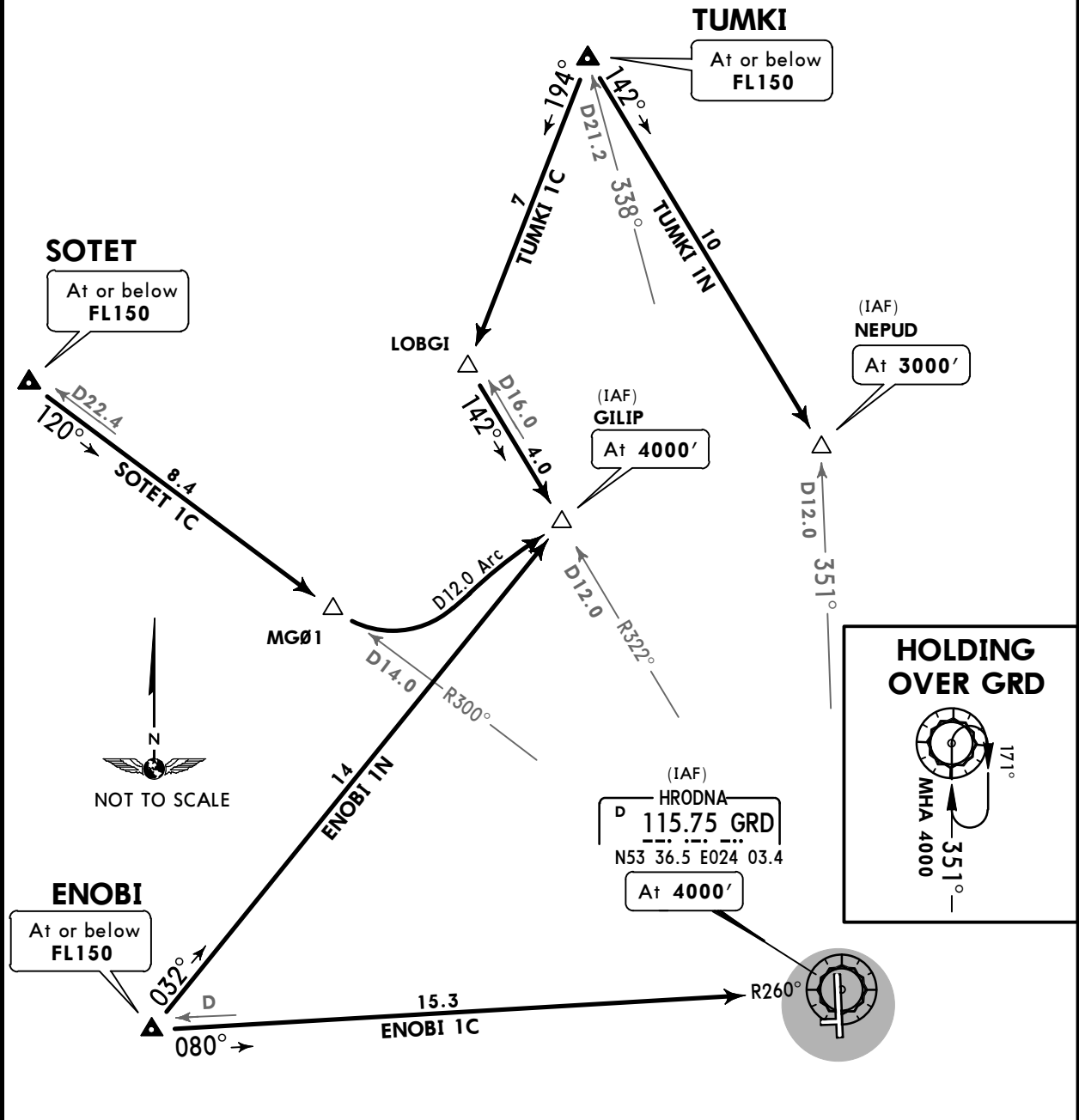
Apt Elev
443'

Alt Set: hPa
Trans level: FL80
FL90 if pressure is less than 977.2 hPa
Trans alt: 6000'
VOR DME required.

149°
2400'
064°
2100'

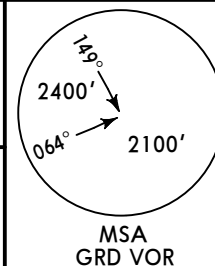
MSA
GRD VOR

ENOB1 1C [ENOB1C]
ENOB1 1N [ENOB1N]
SOTET 1C [SOTE1C]
TUMKI 1C [TUMK1C]
TUMKI 1N [TUMK1N]
RWY 17 ARRIVALS



STAR	ROUTING
ENOB1 1C	Intercept GRD R-260 inbound to GRD VOR.
ENOB1 1N By ATC	On 032° track to GILIP.
SOTET 1C	Intercept GRD R-300 inbound to MG01, turn LEFT, along D12.0 Arc to GILIP.
TUMKI 1C	On 194° track to LOBGI, turn LEFT, intercept GRD R-322 inbound to GILIP.
TUMKI 1N By ATC	On 142° track to NEPUD.

Alt Set: hPa
Trans level: FL80
FL90 if pressure is less than 977.2 hPa
Trans alt: 6000'
VOR DME required.



NOT TO SCALE

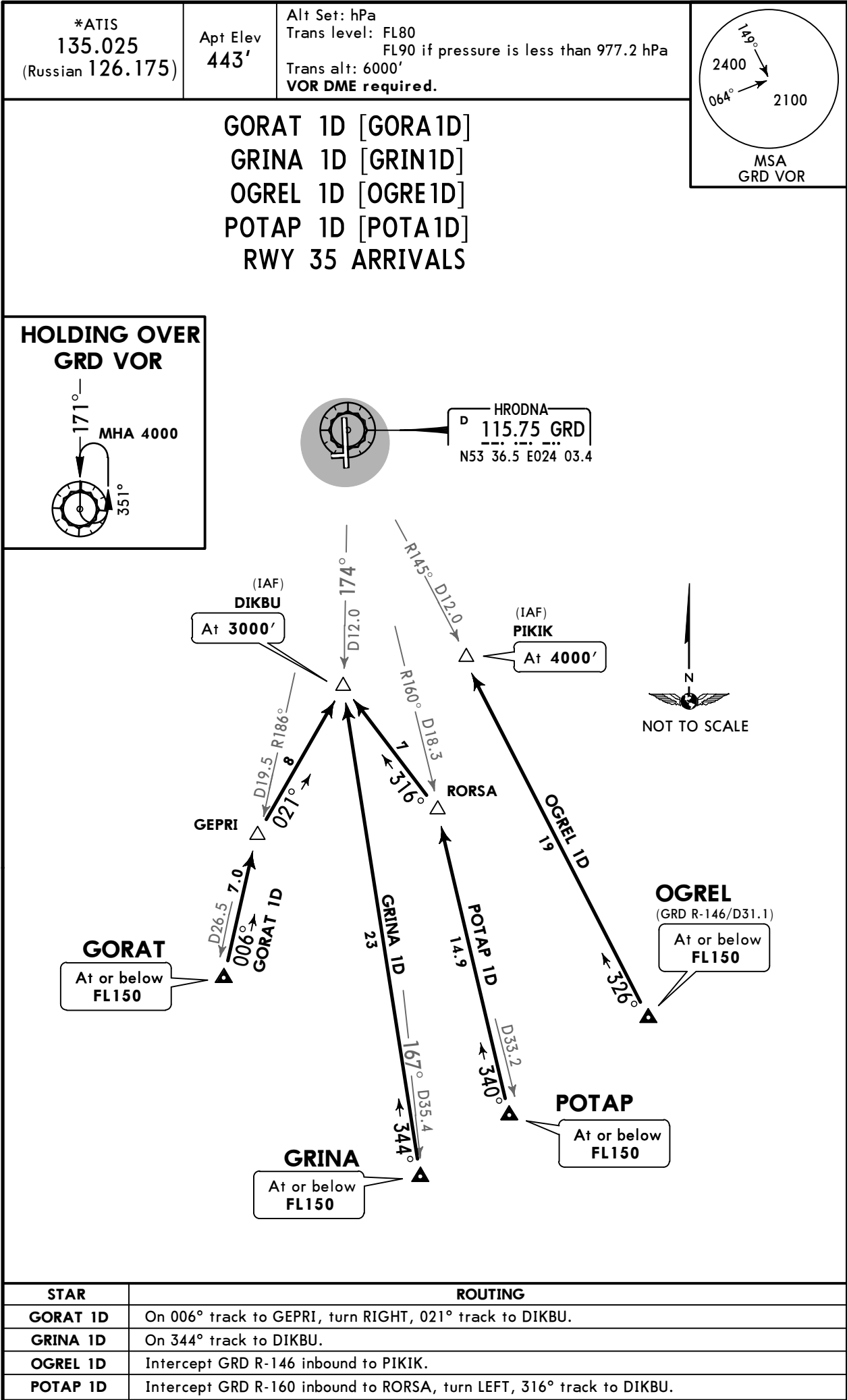
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UMMG/GNA
HRODNA

JEPPESSEN
2 NOV 18 10-2D Eff 8 Nov

HRODNA, BELARUS

STAR

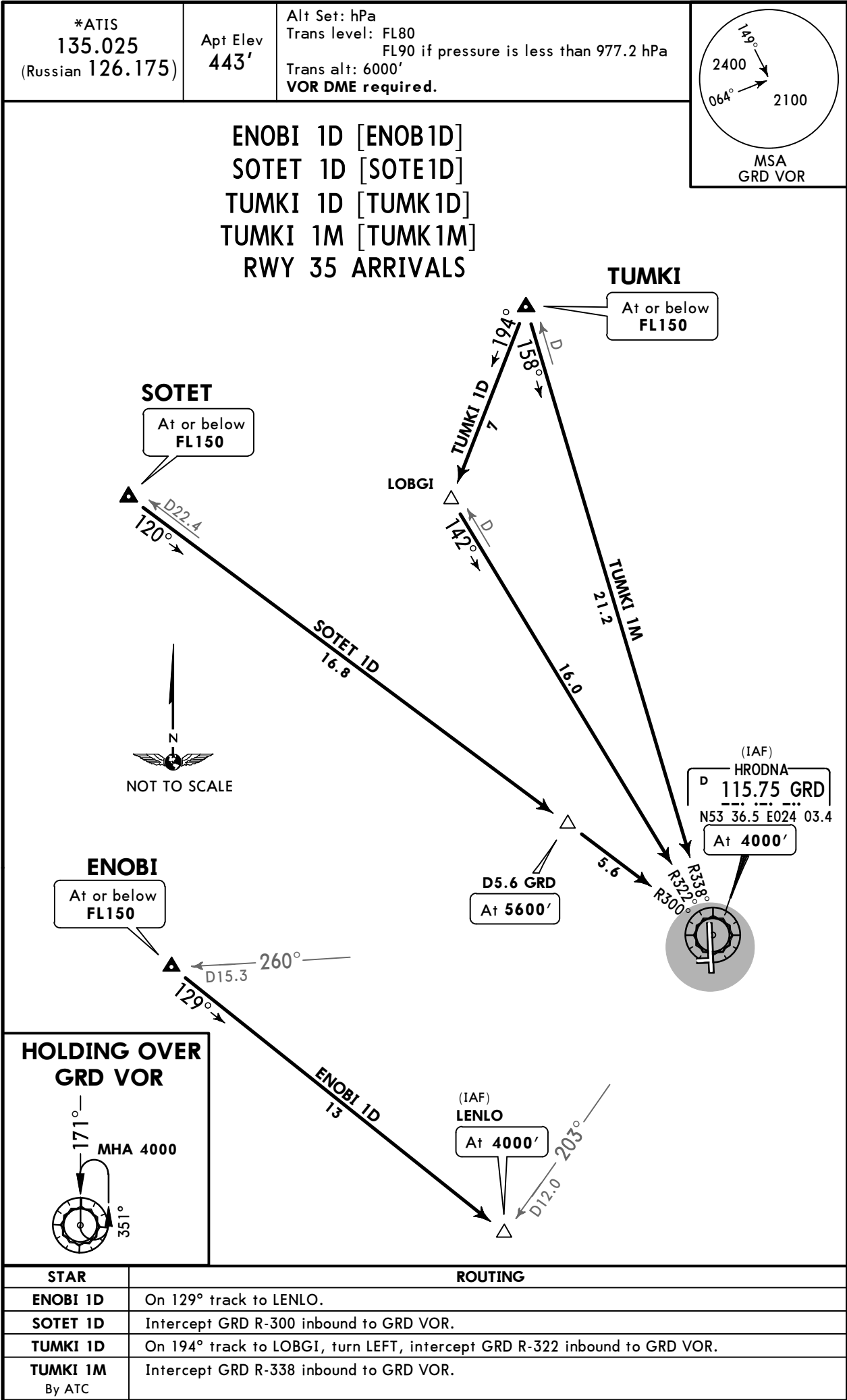


UMMG/GNA
HRODNA

JEPPESSEN
2 NOV 18 10-2E Eff 8 Nov

HRODNA, BELARUS

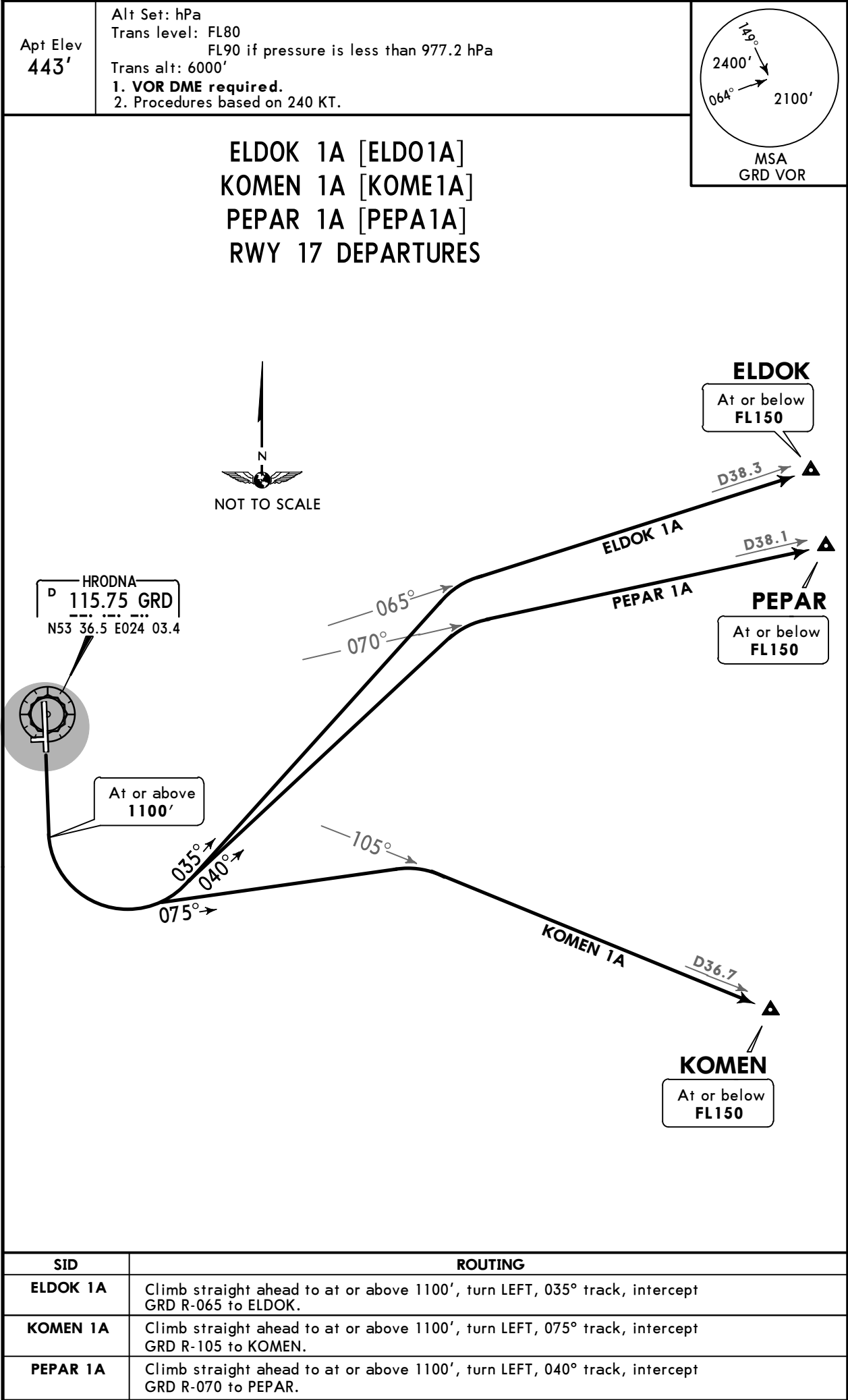
STAR



UMMG/GNA
HRODNA

JEPPesen
18 NOV 16 10-3

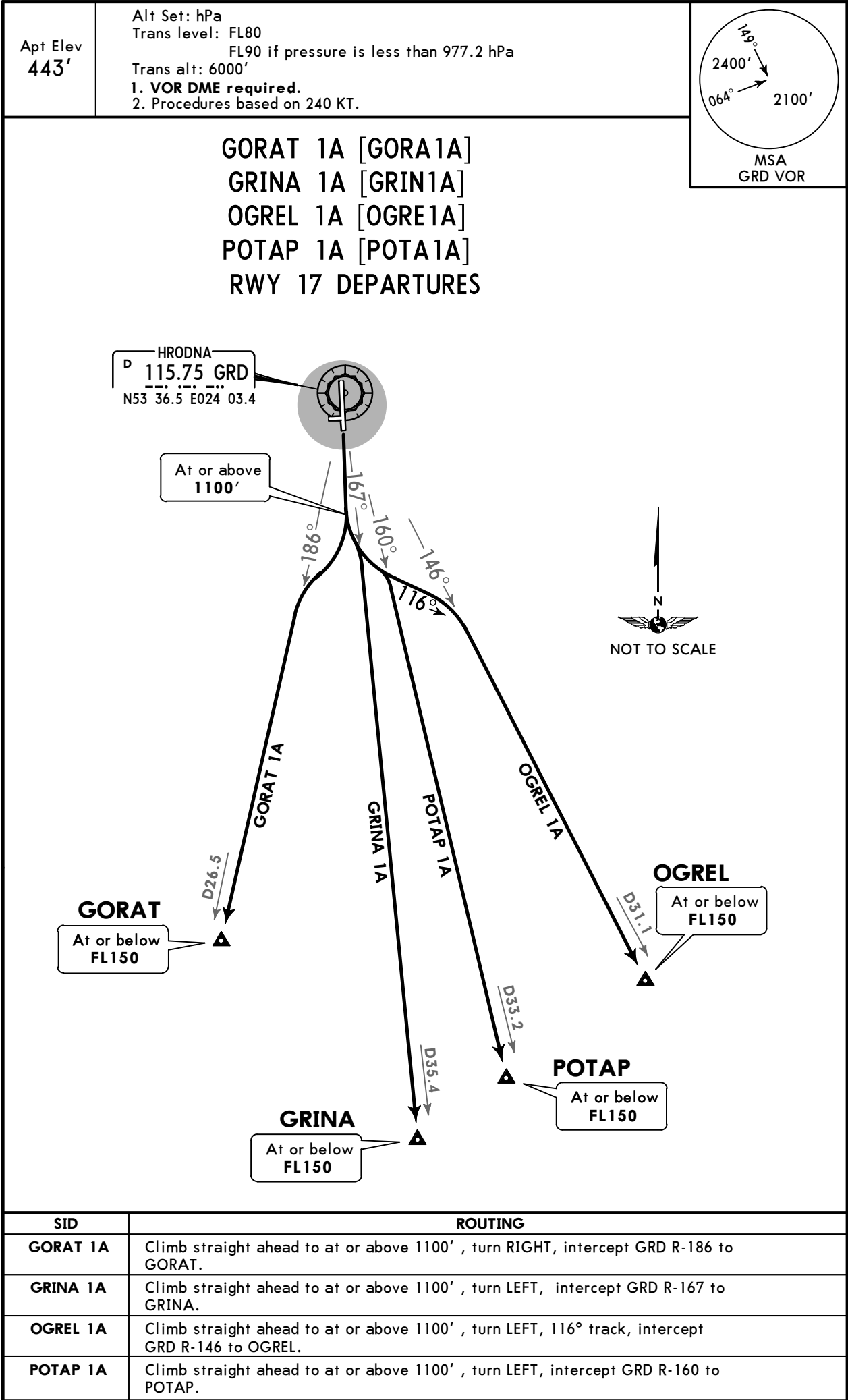
HRODNA, BELARUS
SID



UMMG/GNA
HRODNA

JEPPESSEN
18 NOV 16 10-3A

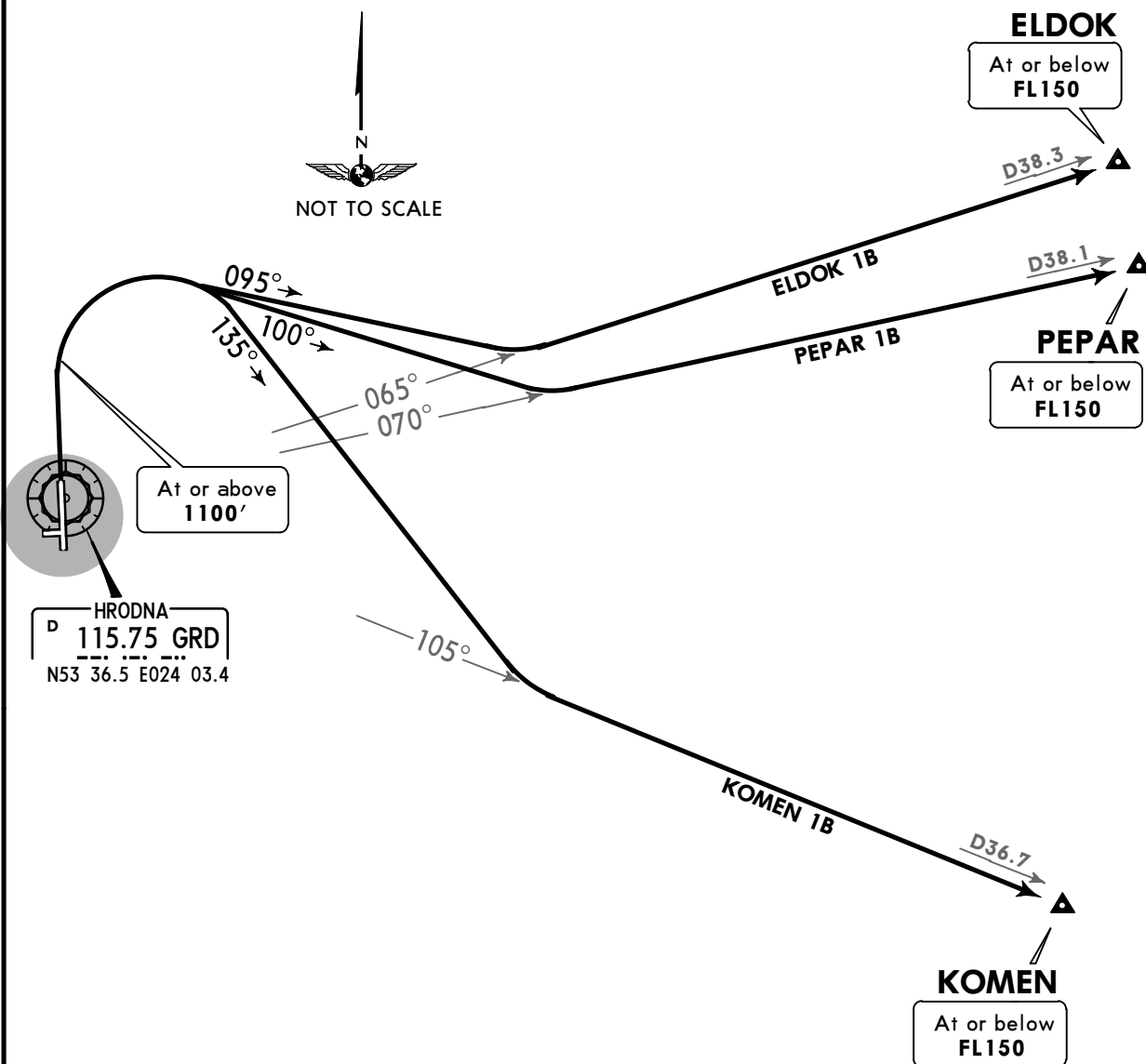
HRODNA, BELARUS
SID



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NOT TO SCALE

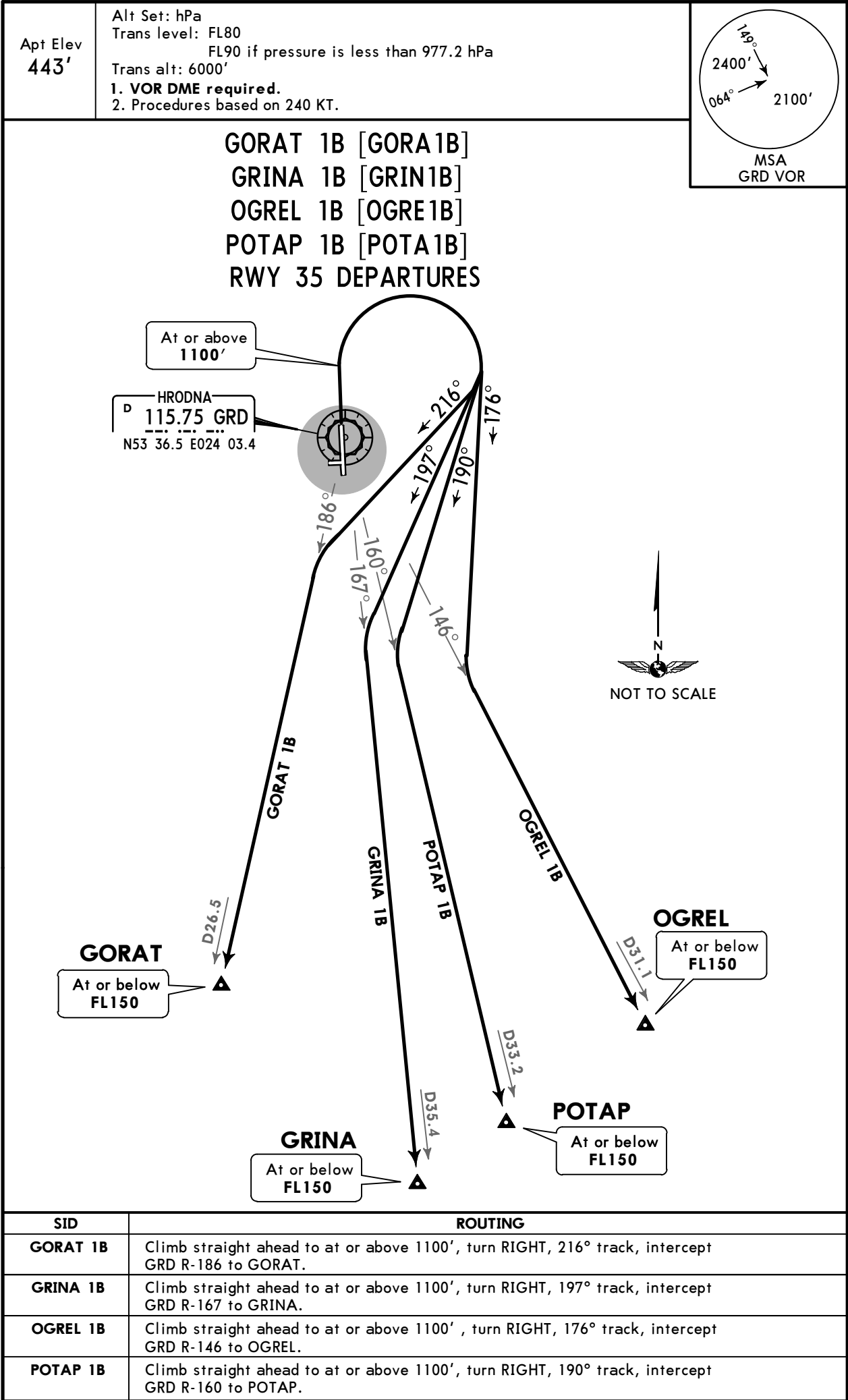


SID	ROUTING
ELDOK 1B	Climb straight ahead to at or above 1100', turn RIGHT, 095° track, intercept GRD R-065 to ELDOK.
KOMEN 1B	Climb straight ahead to at or above 1100', turn RIGHT, 135° track, intercept GRD R-105 to KOMEN.
PEPAR 1B	Climb straight ahead to at or above 1100', turn RIGHT, 100° track, intercept GRD R-070 to PEPAR.

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HRODNA

JEPPESSEN
18 NOV 16 10-3D

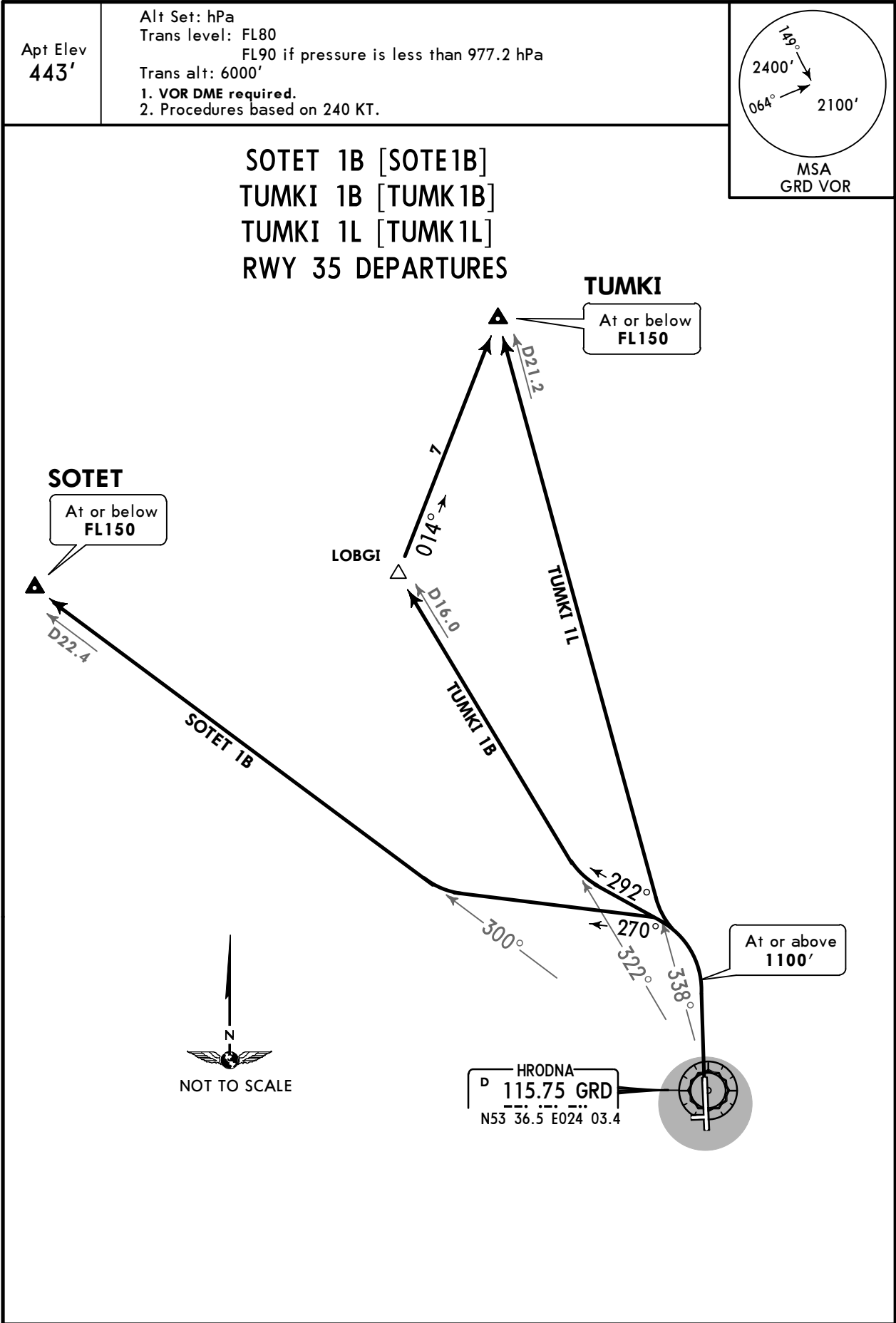
HRODNA, BELARUS
SID



UMMG/GNA
HRODNA

JEPPESSEN
18 NOV 16 10-3E

HRODNA, BELARUS
SID



SID	ROUTING
SOTET 1B	Climb straight ahead to at or above 1100', turn LEFT, 270° track, intercept GRD R-300 to SOTET.
TUMKI 1B	Climb straight ahead to at or above 1100', turn LEFT, 292° track, intercept GRD R-322 to LOBGI, turn RIGHT, 014° track to TUMKI.
TUMKI 1L By ATC	Climb straight ahead to at or above 1100', turn LEFT, intercept GRD R-338 to TUMKI.

UMMG/GNA

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



JEPPesen

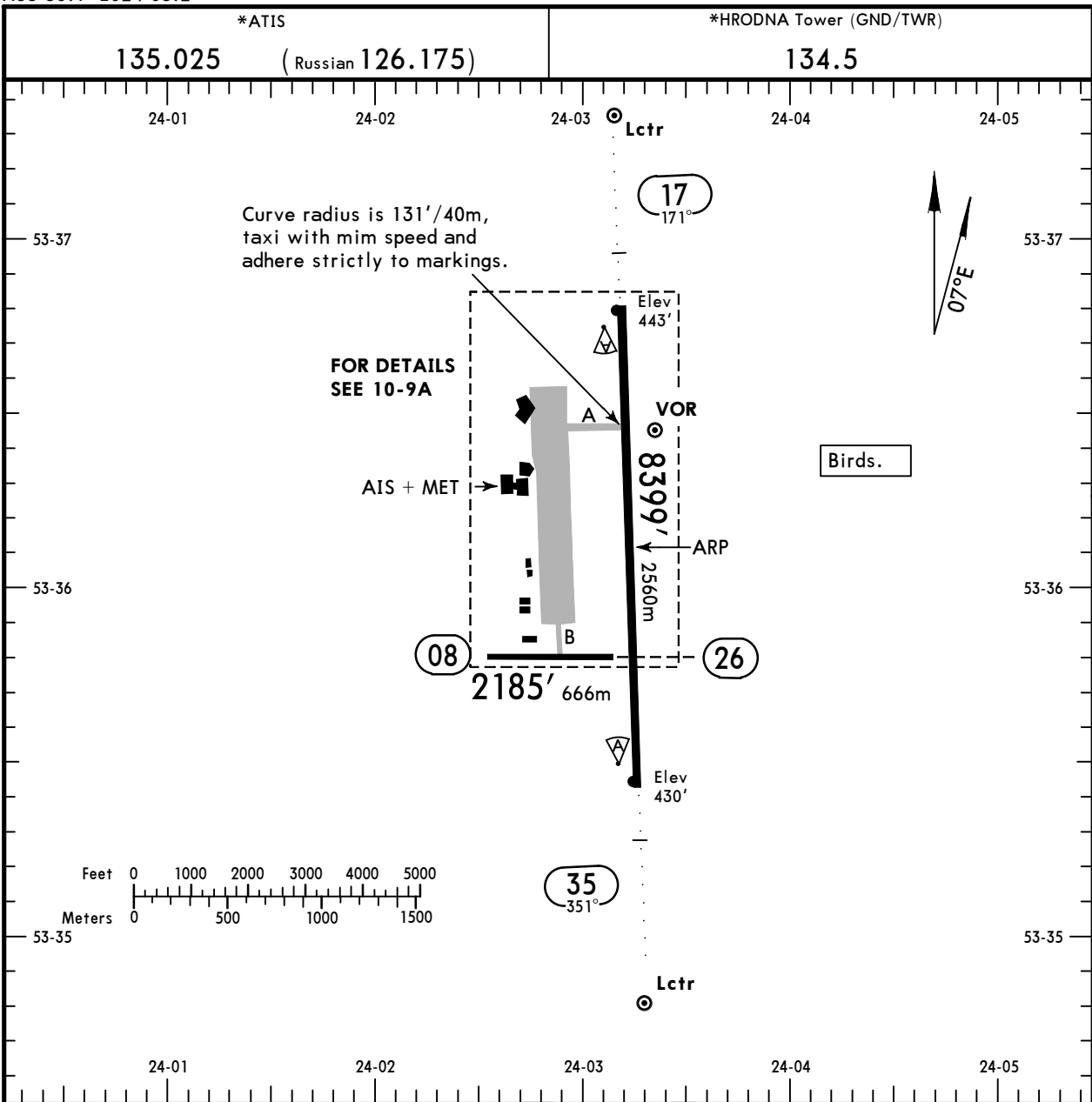
1 SEP 17

10-9

Eff 14 Sep

HRODNA, BELARUS

HRODNA



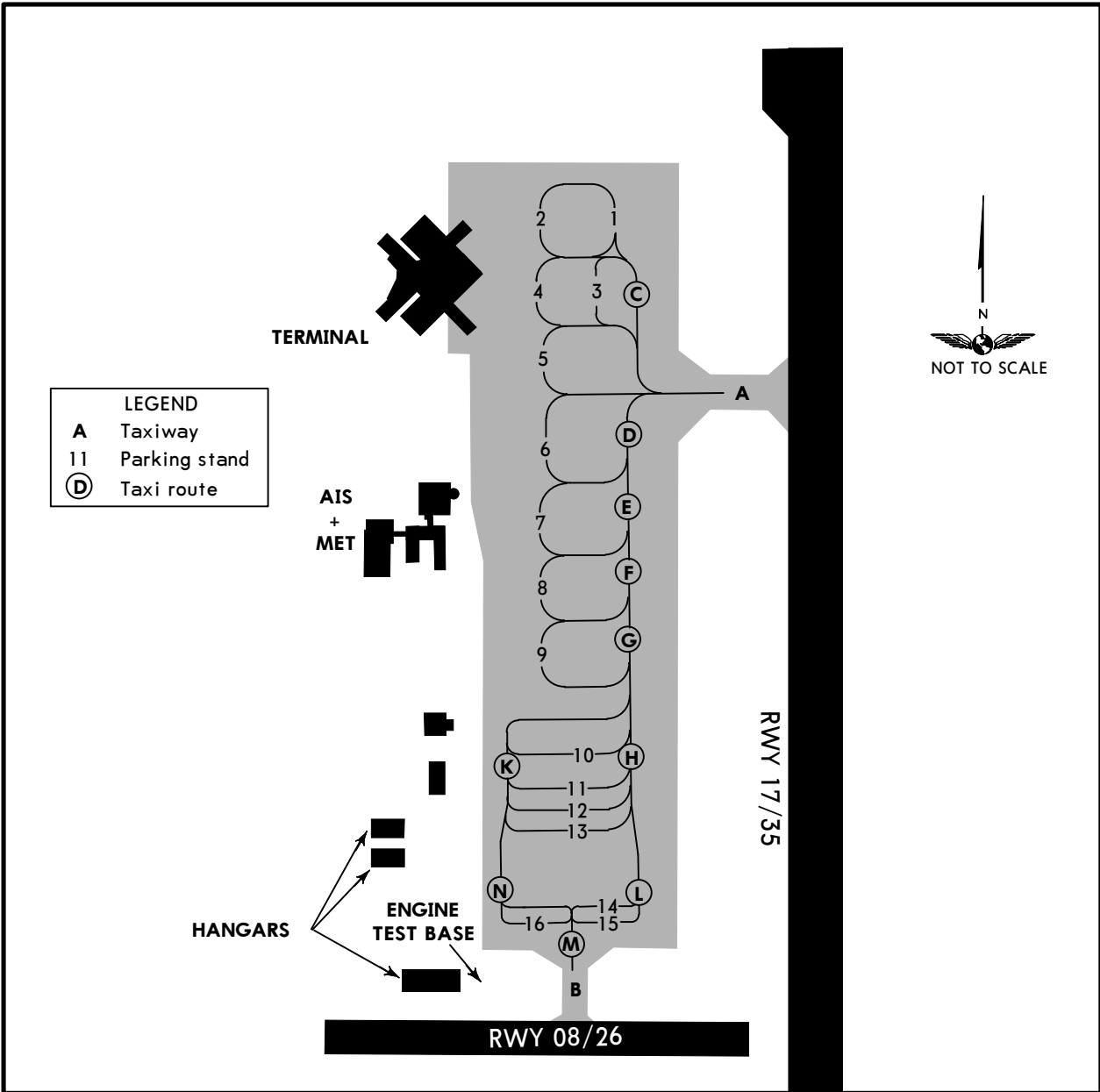
ADDITIONAL RUNWAY INFORMATION								
RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					LANDING BEYOND			
					Threshold	Glide Slope		
08								92'
26								28m
17	RL (60m)	ALS	PAPI-L (angle 2.67°)	RVR		7245' 2208m	1	138'
35	RL (60m)	ALS	PAPI-L (angle 3.0°)	RVR				42m

1 TAKE-OFF RUN AVAILABLE			
RWY 17:		RWY 35:	
From rwy head	8399' (2560m)	From rwy head	8399' (2560m)
twy A int	5676' (1730m)	twy A int	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	400m
B	
C	
D	

UMMG/GNA

HRODNA, BELARUS
HRODNA



INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
1	N53 36.5 E024 02.9	8, 9	N53 36.2 E024 02.9
2	N53 36.5 E024 02.8	10 thru 13	N53 36.1 E024 02.9
3	N53 36.4 E024 02.9	14 thru 16	N53 35.9 E024 02.9
4, 5	N53 36.4 E024 02.8		
6, 7	N53 36.3 E024 02.9		

TAXIING PROCEDURE

Taxiing and towing without permission of taxiing controller are prohibited.

UMMG/GNA

Standard
HRODNA, BELARUS
HRODNA

STRAIGHT-IN RWY		A	B	C	D
17	ILS	643' (200')	643' (200')	643' (200')	643' (200')
	ALS out	R1000m R1200m	R1000m R1200m	R1000m R1200m	R1000m R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	①VOR	820' (377')	820' (377')	820' (377')	820' (377')
	ALS out	R1500m R1500m	R1500m R1500m	R1500m R1700m	R1500m R1700m
	①NDB	820' (377')	820' (377')	820' (377')	820' (377')
	ALS out	R1500m R1500m	R1500m R1500m	R1500m R1700m	R1500m R1700m
	NDB	820' (377')	820' (377')	820' (377')	820' (377')
	ALS out	R1700m R1900m	R1700m R1900m	R1900m R2100m	R1900m R2100m
35	①VOR	760' (330')	760' (330')	760' (330')	760' (330')
	ALS out	R1300m R1500m	R1300m R1500m	R1300m R1500m	R1300m R1500m
	①NDB	780' (350')	780' (350')	780' (350')	780' (350')
	ALS out	R1400m R1500m	R1400m R1500m	R1400m R1600m	R1400m R1600m
	NDB	780' (350')	780' (350')	780' (350')	780' (350')
	ALS out	R1600m R1800m	R1600m R1800m	R1800m R2000m	R1800m R2000m

① Continuous Descent Final Approach.

CIRCLE-TO-LAND ②	100 KT	135 KT	180 KT	205 KT
CEILING REQUIRED	910' (467') ceil 190m V2000m	970' (527') ceil 210m V3000m	1170' (727') ceil 320m V4500m	1170' (727') ceil 320m V5000m

② NIGHT not authorized.

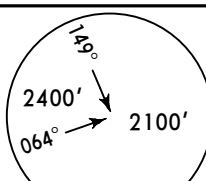
TAKE-OFF			
Low Visibility Take-off			
Day: RL & RCLM Night: RL		Day: RL or RCLM Night: RL	Adequate vis ref (Day only)
A	400m		500m
B			
C			
D			

UMMG/GNA
HRODNA

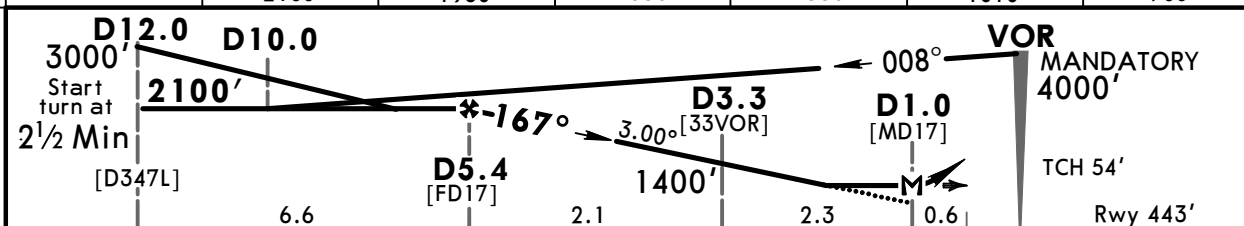
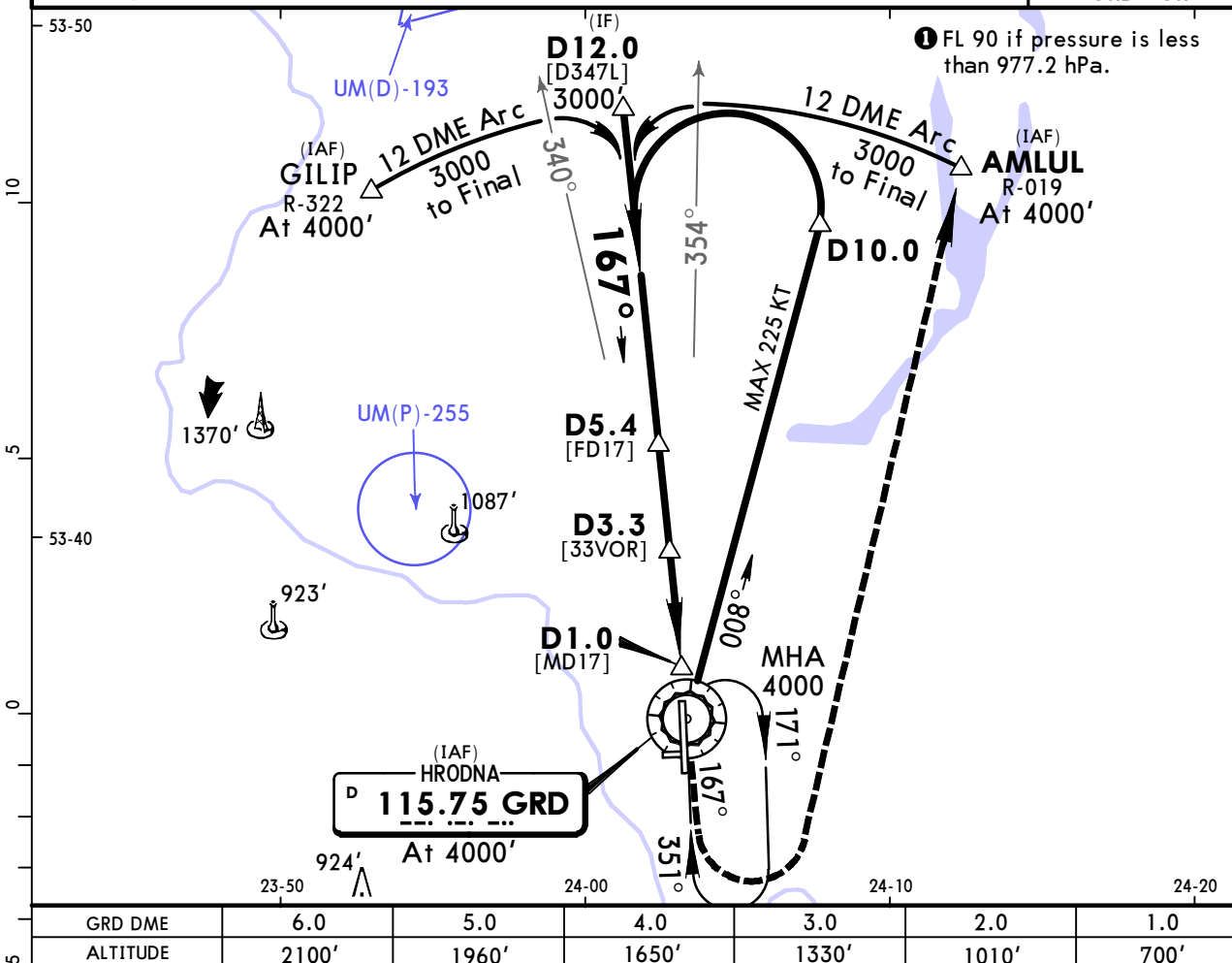
JEPPESSEN
14 DEC 18 (13-1)

HRODNA, BELARUS
VOR Rwy 17

BRIEFING STRIP

*ATIS		*HRODNA Tower(APP/SRE/TWR)			*Ground	
135.02 (Russian 126.17)		134.5			134.5	
VOR GRD 115.75	Final Apch Crs 167°	Minimum Alt D5.4 2100' (1657')	MDA(H) 820' (377')	Apt Elev 443' Rwy 443'		
MISSED APCH: Climb on 167° to 1100' or above, then turn LEFT to AMLUL climbing to 3000', then as directed.						
Alt Set: hPa		Rwy Elev: 16 hPa	Trans level: FL 80 1	Trans alt: 6000'		
DME required.						

MSA GRD VOR



Gnd speed-Kts	70	90	100	120	140	160	ALS	1100' or above	on 167°	3000'	AMLUL
Descent Angle	3.00°	372	478	531	637	743	849	PAPI			
MAP at D1.0											

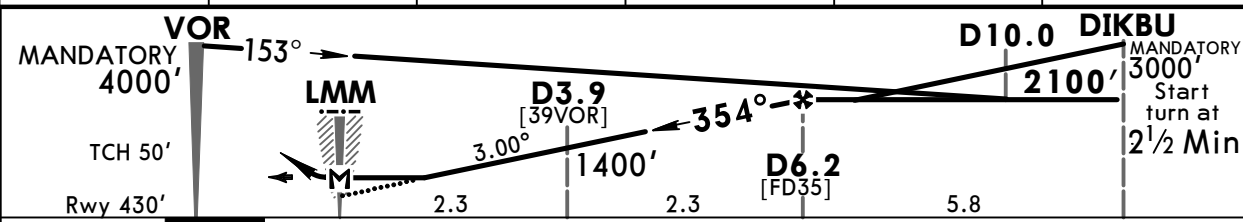
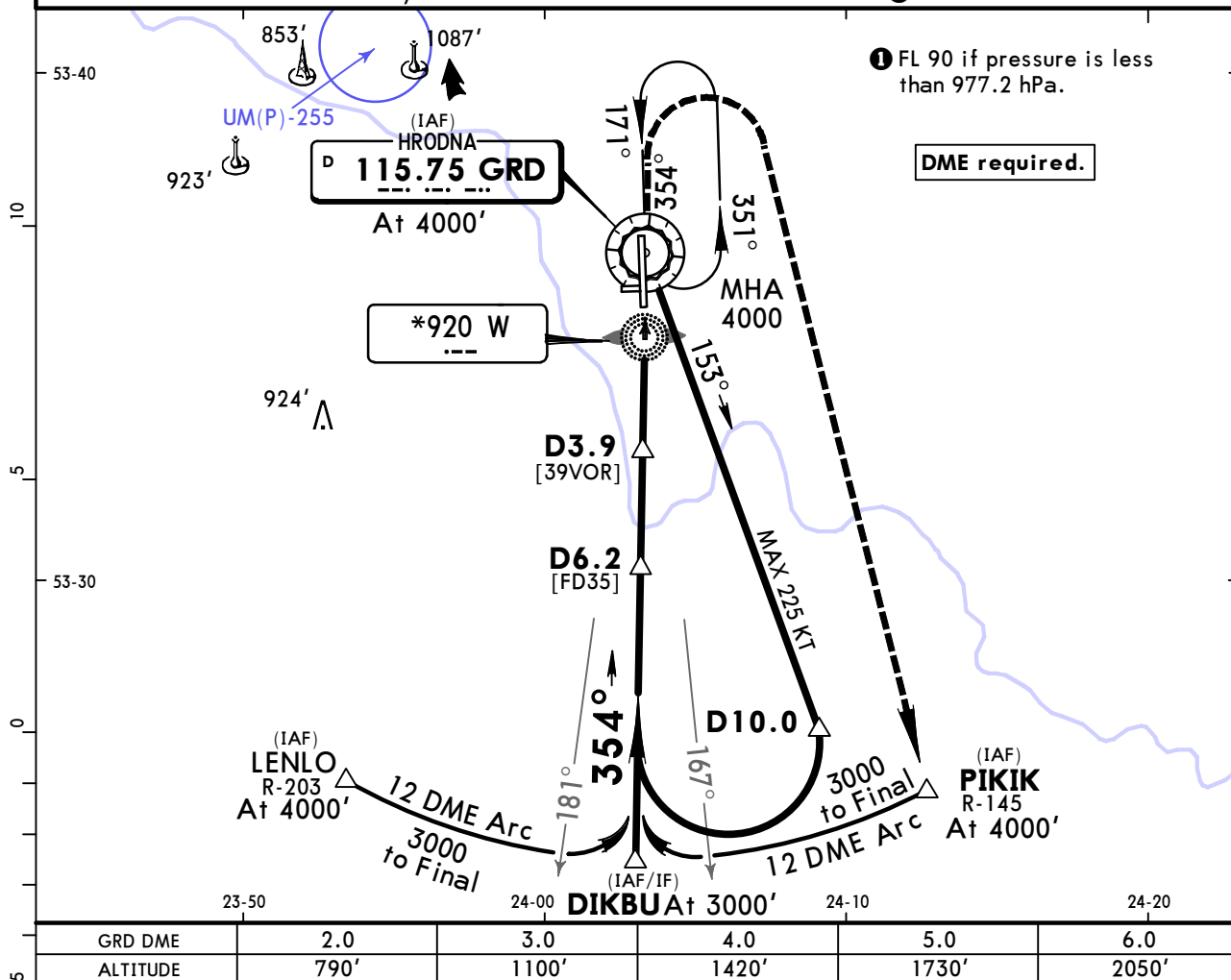
STRAIGHT-IN LANDING RWY 17				CEILING REQUIRED		CIRCLE-TO-LAND	
MDA(H) 820' (377')				NIGHT not authorized			
		ALS out		Max Kts.	MDA(H)	CEIL-VIS	
A	RVR 1500m VIS 1600m			100	910' (467')	190m - 2000m	
B				135	970' (527')	210m - 3000m	
C				180	1170' (727')	320m - 4500m	
D	2000m			205	1170' (727')	320m - 5000m	

CHANGES: Mandatory altitudes, note changed.

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UMMG/GNA
HRODNA
JEPPESSEN
 14 DEC 18 **(13-2)**
HRODNA, BELARUS
VOR Rwy 35

*ATIS	*HRODNA Tower(APP/SRE/TWR)		*Ground	
135.02 (Russian 126.17)	134.5		134.5	
VOR GRD 115.75	Final Apch Crs 354°	Minimum Alt D6.2 2100' (1670')	MDA(H) 760' (330')	Appt Elev 443' Rwy 430'
MISSED APCH: Climb on 354° to 1100' or above, then turn RIGHT to PIKIK climbing to 3000', then as directed.				MSA GRD VOR

 Alt Set: hPa Rwy Elev: 16 hPa Trans level: FL 80 **1** Trans alt: 6000'


Gnd speed-Kts	70	90	100	120	140	160	ALS	1100' or above on 354°	3000' RT	PIKIK
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		
MAP at LMM										

STRAIGHT-IN LANDING RWY 35				CEILING REQUIRED		CIRCLE-TO-LAND	
MDA(H) 760' (330')				NIGHT not authorized			
		ALS out		Max Kts	MDA(H)	CEIL-VIS	
A	RVR 1500m VIS 1600m			100	910' (467')	190m - 2000m	
B				135	970' (527')	210m - 3000m	
C				180	1170' (727')	320m - 4500m	
D				205	1170' (727')	320m - 5000m	

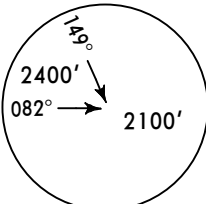
CHANGES: Mandatory altitudes, note changed.

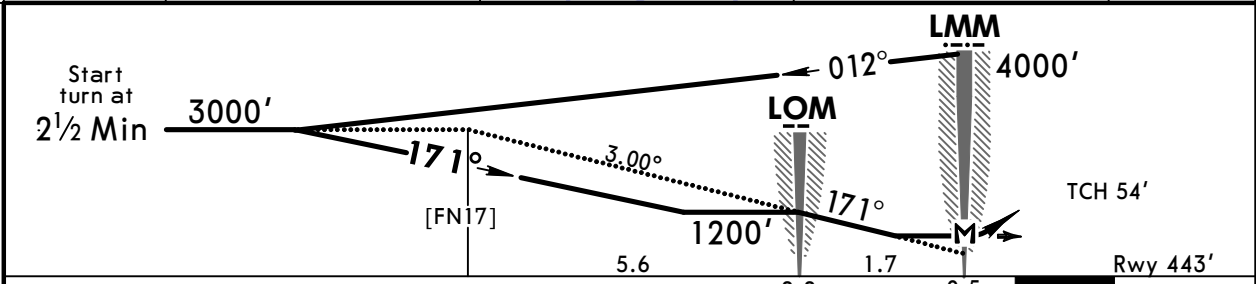
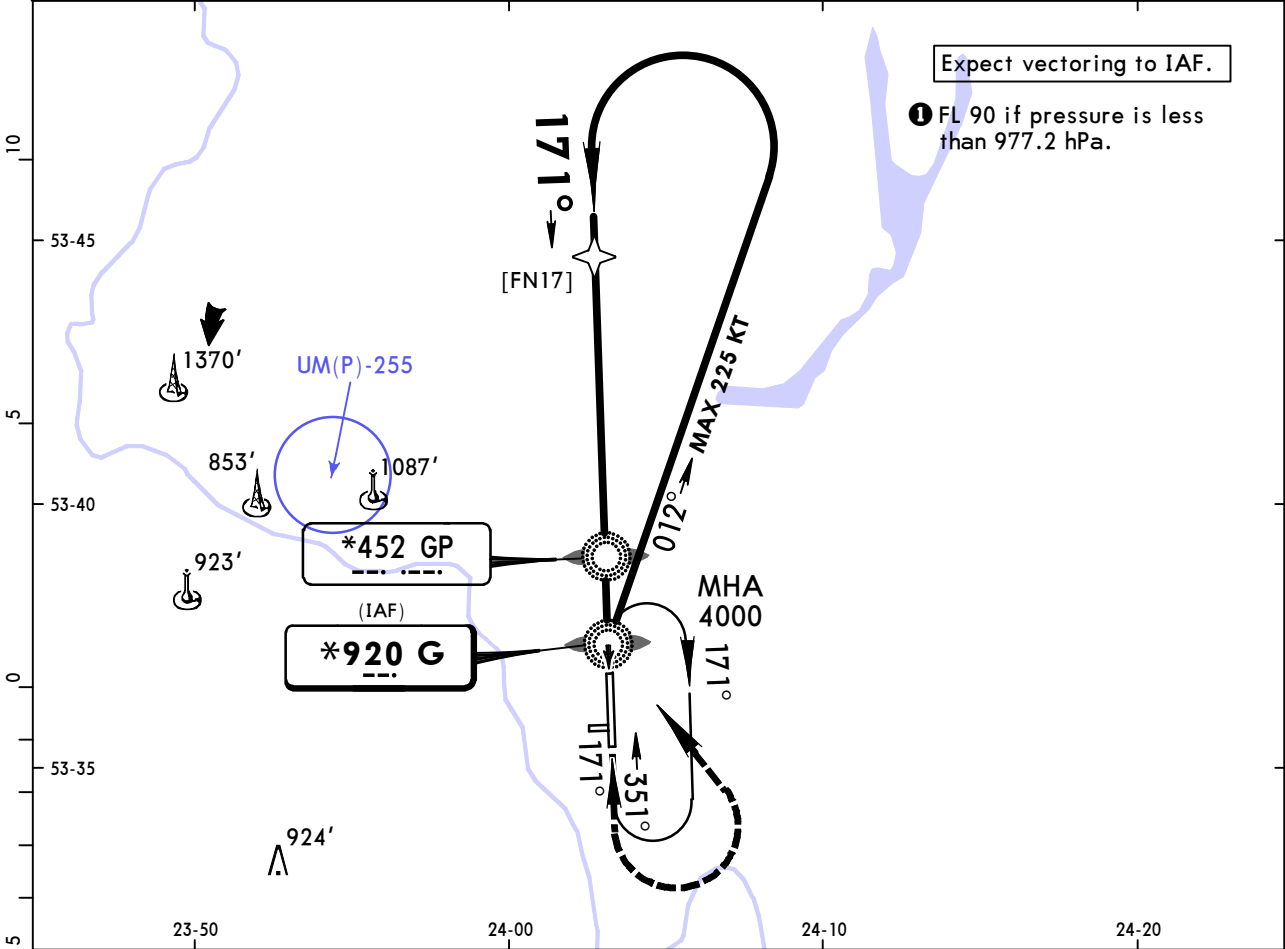
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UMMG/GNA
HRODNA

JEPPesen
1 SEP 17 16-1 Eff 14 Sep

HRODNA, BELARUS
NDB Rwy 17

*ATIS		*HRODNA Tower(APP/SRE/TWR)		*Ground	
135.02 (Russian 126.17)		134.5		134.5	
NDB G *920	Final Apch Crs 171°	Minimum Alt No FAF	MDA(H) 820' (377')	Apt Elev 443' Rwy 443'	
MISSED APCH: Climb on 171° to 1500' or above, then turn LEFT to G NDB climbing to 3000', then as directed.					
Alt Set: hPa		Rwy Elev: 16 hPa	Trans level: FL 80 ①	Trans alt: 6000'	
					MSA G NDB



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

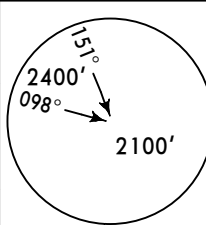
STRAIGHT-IN LANDING RWY 17				CEILING REQUIRED		CIRCLE-TO-LAND	
MDA(H) 820' (377')				NIGHT not authorized			
		ALS out		Max Kts	MDA(H)	CEIL-VIS	
A	RVR 1500m VIS 1600m			100	910' (467')	190m - 2000m	
B				135	970' (527')	210m - 3000m	
C				180	1170' (727')	320m - 4500m	
D	2000m			205	1170' (727')	320m - 5000m	

UMMG/GNA
HRODNA
JEPPesen
 1 SEP 17 **(16-2)** Eff 14 Sep

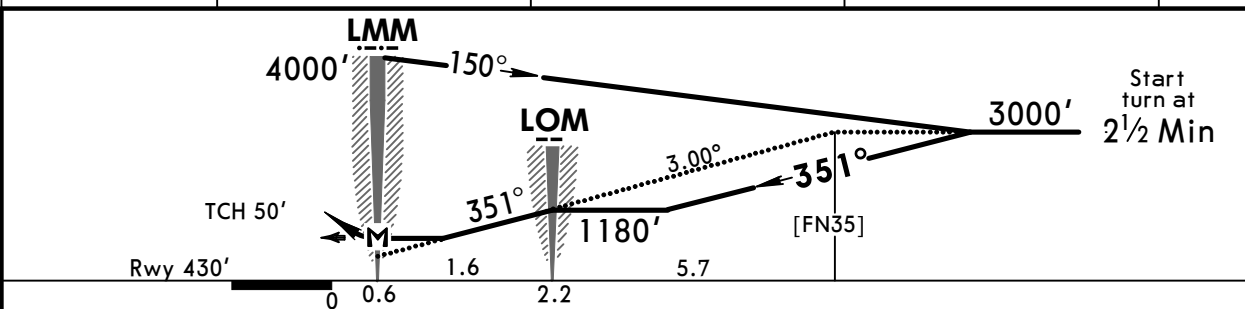
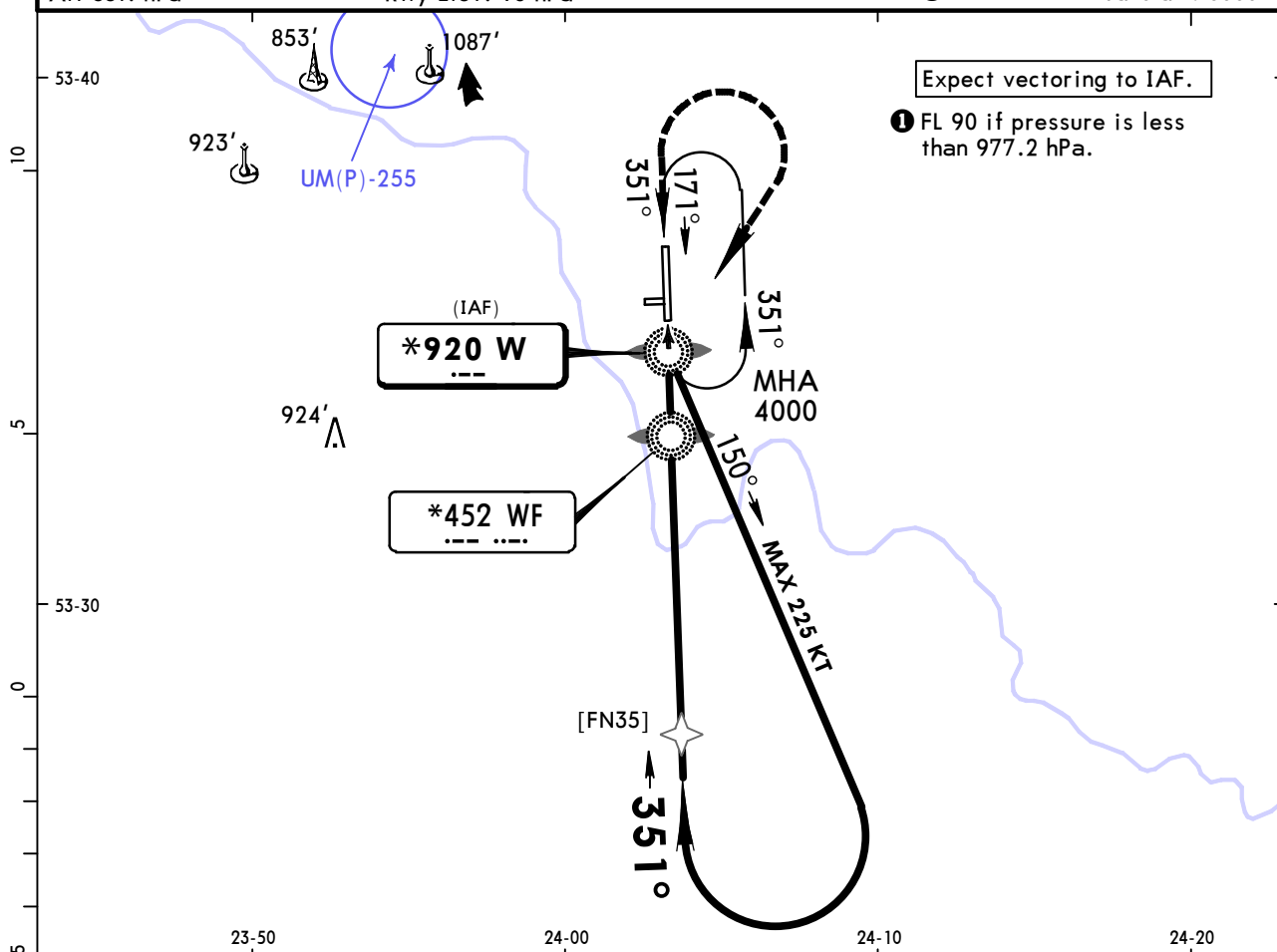
HRODNA, BELARUS
NDB Rwy 35

BRIEFING STRIP™

*ATIS		*HRODNA Tower(APP/SRE/TWR)		*Ground	
135.02 (Russian 126.17)		134.5		134.5	
NDB W *920	Final Apch Crs 351°	Minimum Alt No FAF	MDA(H) 780' (350')	Apt Elev 443'	Rwy 430'
MISSED APCH: Climb on 351° to 1500' or above, then turn RIGHT to W NDB climbing to 3000', then as directed.					



MSA
W NDB

 Alt Set: hPa Rwy Elev: 16 hPa Trans level: FL 80 **1** Trans alt: 6000'


Gnd speed-Kts	70	90	100	120	140	160	ALS	1500' or above on 351°	3000' RT	W 920
Descent Angle	3.00°	372	478	531	637	743	849	PAPI		
MAP at LMM										

STRAIGHT-IN LANDING RWY 35				CEILING REQUIRED		CIRCLE-TO-LAND	
MDA(H) 780' (350')				NIGHT not authorized			
		ALS out		Max Kts	MDA(H)	CEIL-VIS	
A	RVR 1500m VIS 1600m			100	910' (467')	190m - 2000m	
B				135	970' (527')	210m - 3000m	
C				180	1170' (727')	320m - 4500m	
D	2000m			205	1170' (727')	320m - 5000m	

PANS OPS

CHANGES: Circling minimums.

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Chart changes since cycle 08-2019

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
HRODNA, (HRODNA - UMMG)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UMMG