

Page 1

Changed chart(s) since Disc 22-2010

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
Hrodna, (Hrodna - UMMG)				
REV	RWY 17 ARRS	10-2	05 říj 2010	18 říj 2010
REV	RWY 35 ARRS	10-2A	05 říj 2010	18 říj 2010
REV	RWY 17 DEPS	10-3	05 říj 2010	18 říj 2010
REV	RWY 35 DEPS	10-3A	05 říj 2010	18 říj 2010
REV	AIRPORT, PARKING, AIRPORT I...	10-9	05 říj 2010	18 říj 2010
REV	ILS OR 2 NDB RWY 17	11-1	05 říj 2010	18 říj 2010
REV	2 NDB RWY 35	16-1	05 říj 2010	18 říj 2010

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'

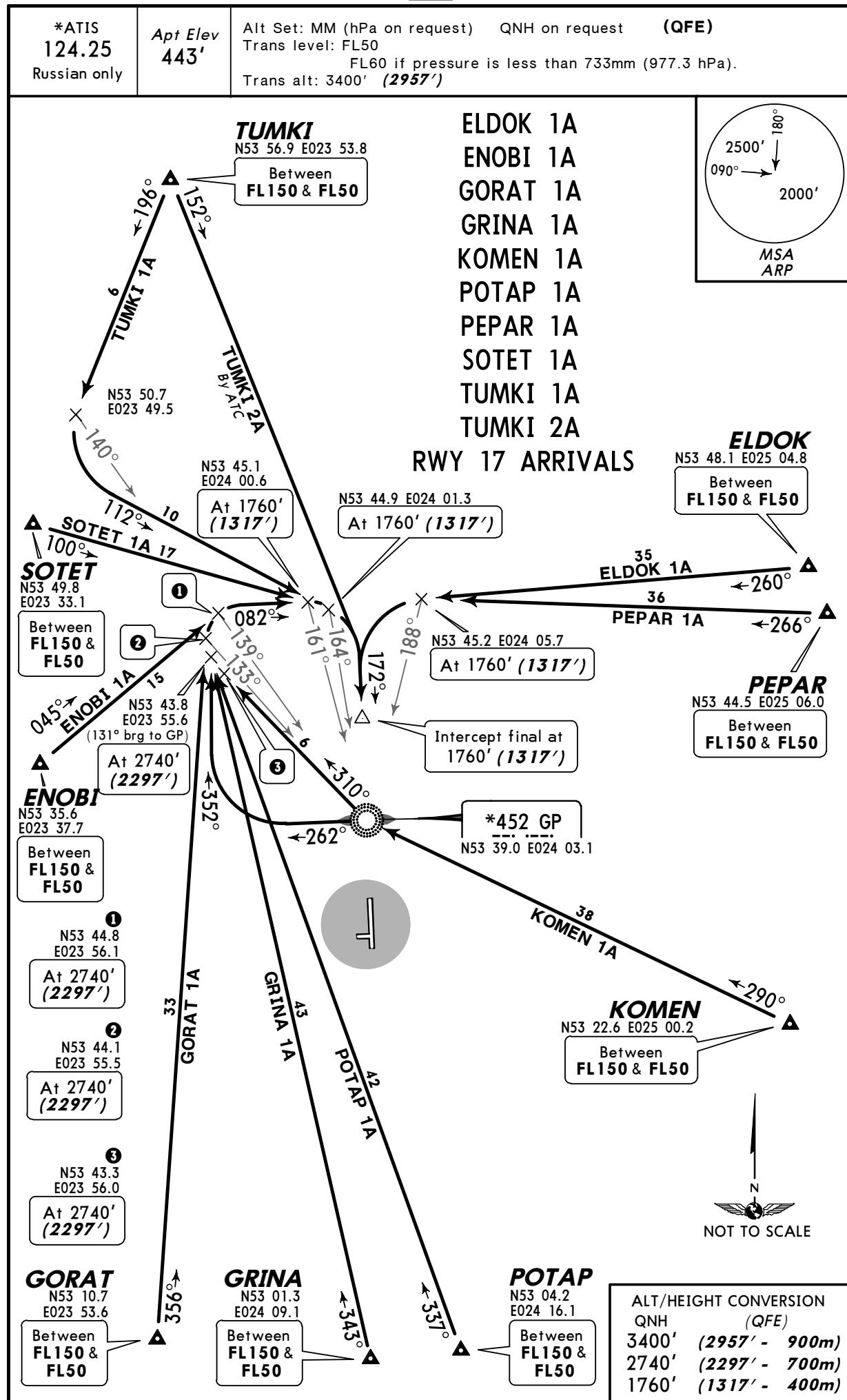
Lights: Edge, ALS

Communications InfoATIS **124.25** Non-EnglishHrodna Tower Approach Control **134.5****Notebook Info**

UMMG/GNA
HRODNA

JEPPESSEN
 5 NOV 10 **10-2** Eff 18 Nov

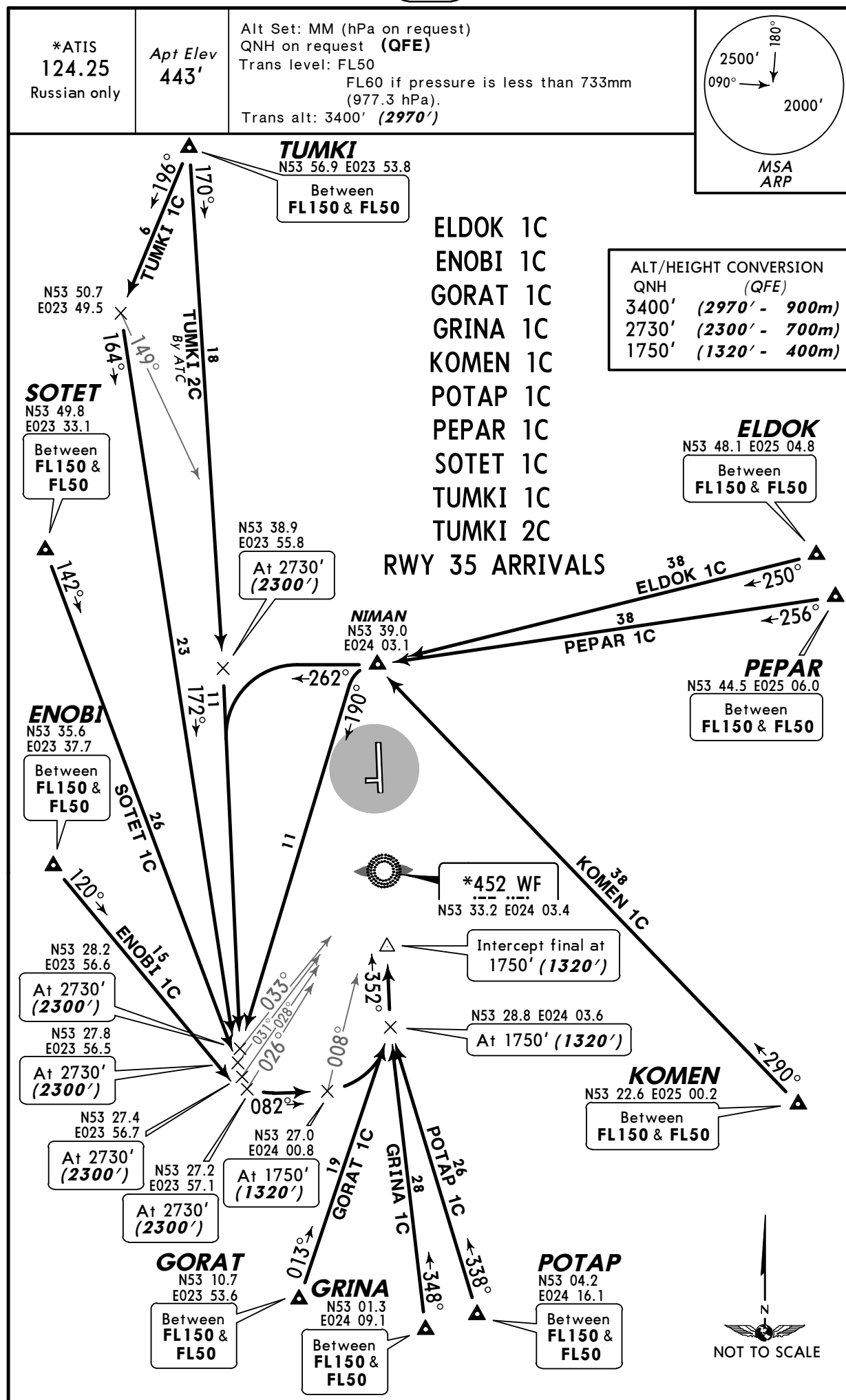
HRODNA, BELARUS
STAR



UMMG/GNA
HRODNA

JEPPESEN
5 NOV 10 **10-2A** **Eff 18 Nov**

HRODNA, BELARUS
STAR

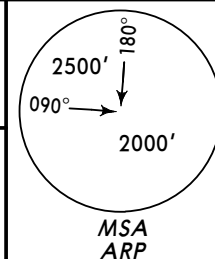


UMMG/GNA
HRODNA

JEPPESSEN
 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')**



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

***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

GRINA
 N53 01.3 E024 09.1
 At or above
FL50

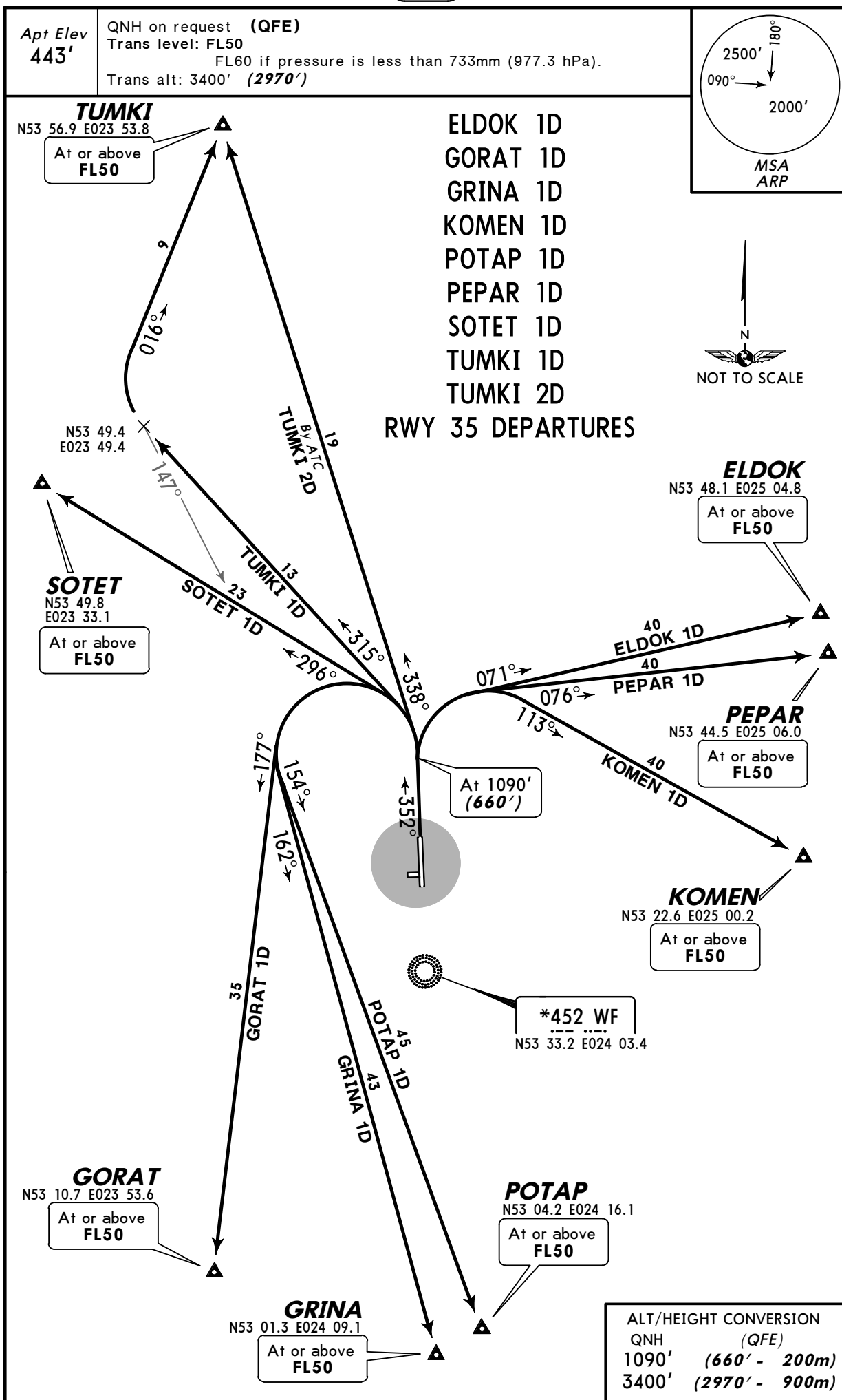
POTAP
 N53 04.2 E024 16.1
 At or above
FL50

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

UMMG/GNA
HRODNA

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

HRODNA, BELARUS
SID

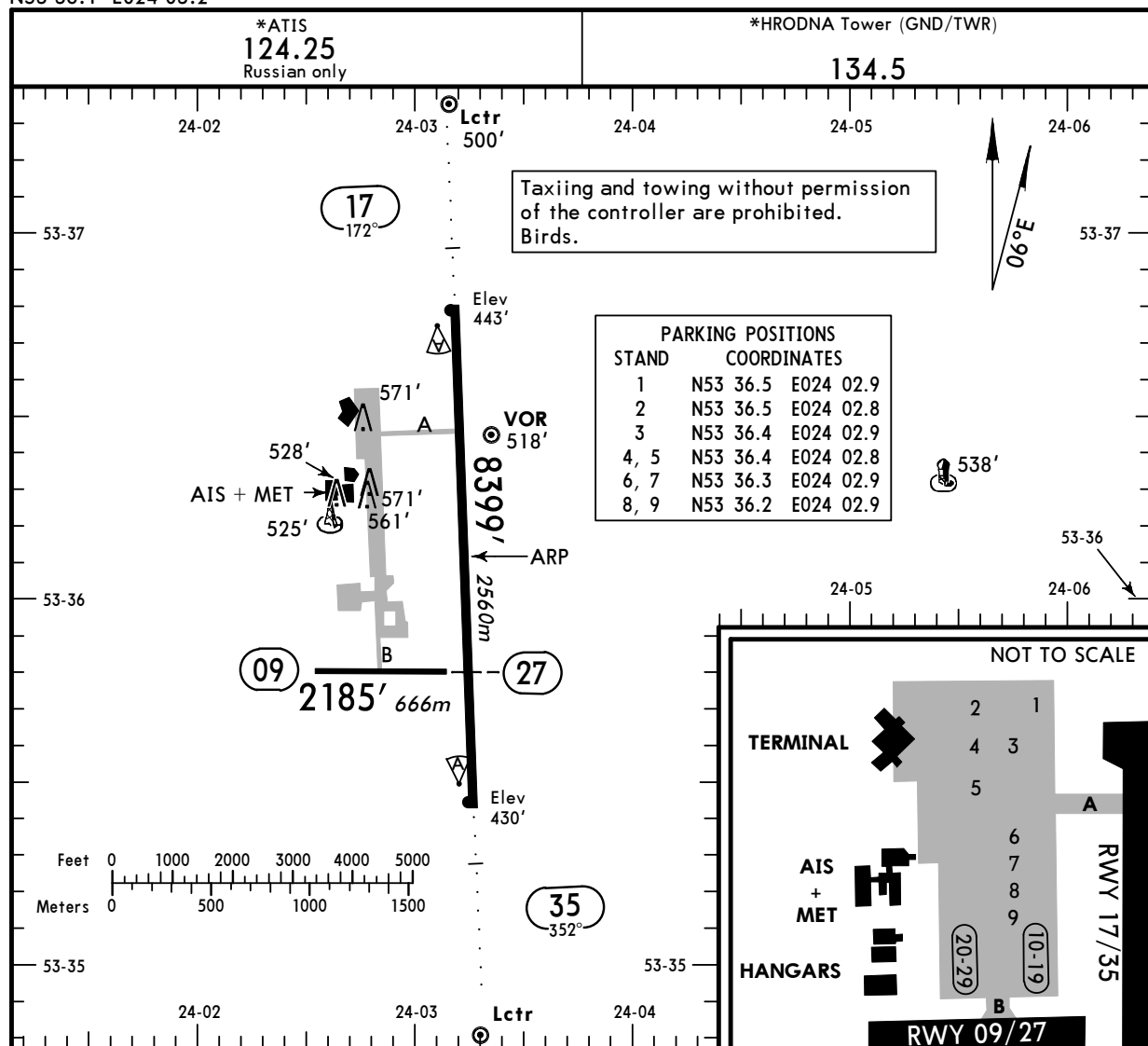


UMMG/GNA

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

JEPPESSEN

 5 NOV 10 **(10-9)** Eff 18 Nov

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

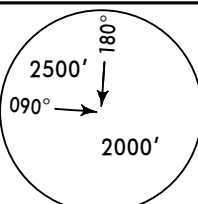
A
B
C
D
250m
300m
400m

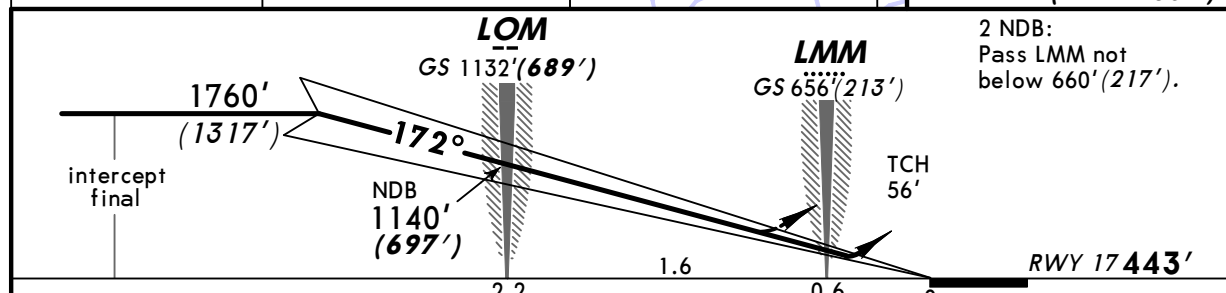
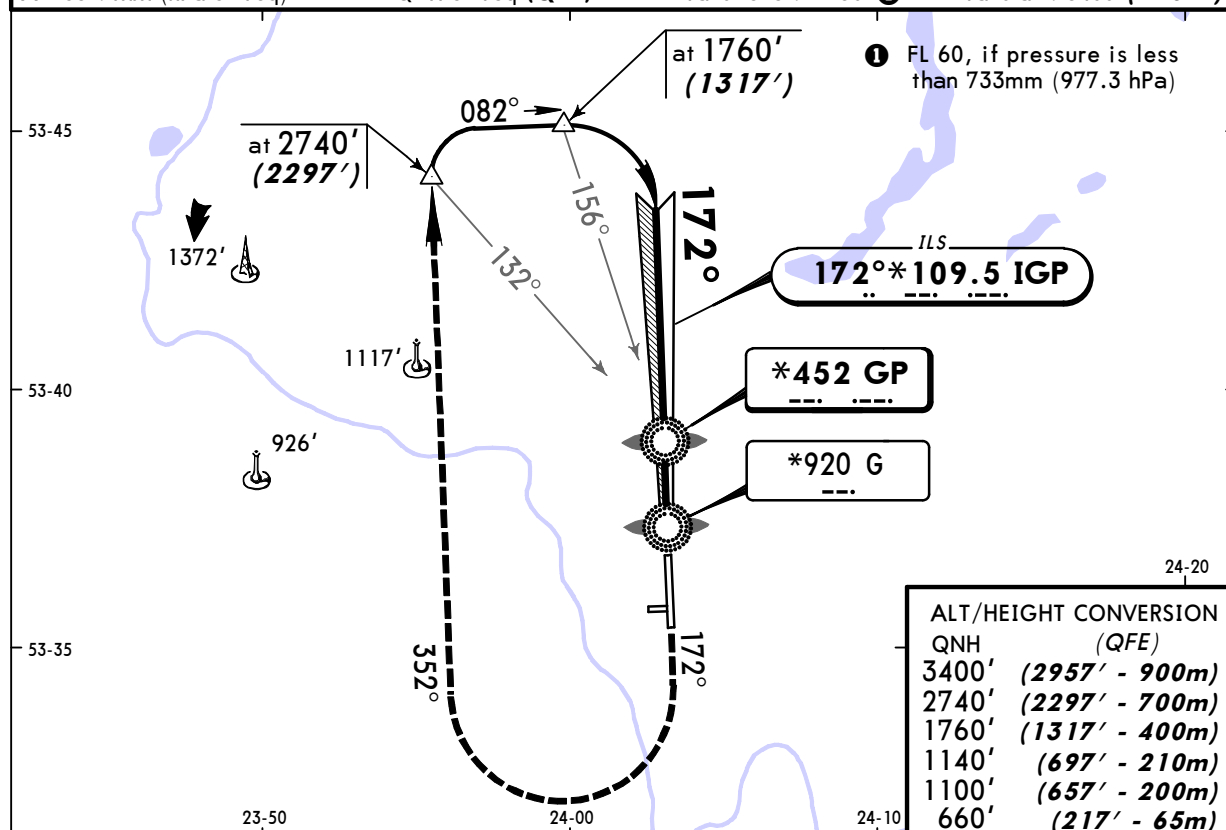
UMMG/GNA
HRODNA

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

HRODNA, BELARUS
ILS or 2 NDB Rwy 17

BRIEFING STRIP

*ATIS 124.25 Russian only		*HRODNA Tower (APP/SRE/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 1		
				Trans alt: 3400' (2957')		



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Desc angle 2.67°	332	427	474	569	664	759

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 RVR 1800m VIS 2000m	
B				
C				
D				

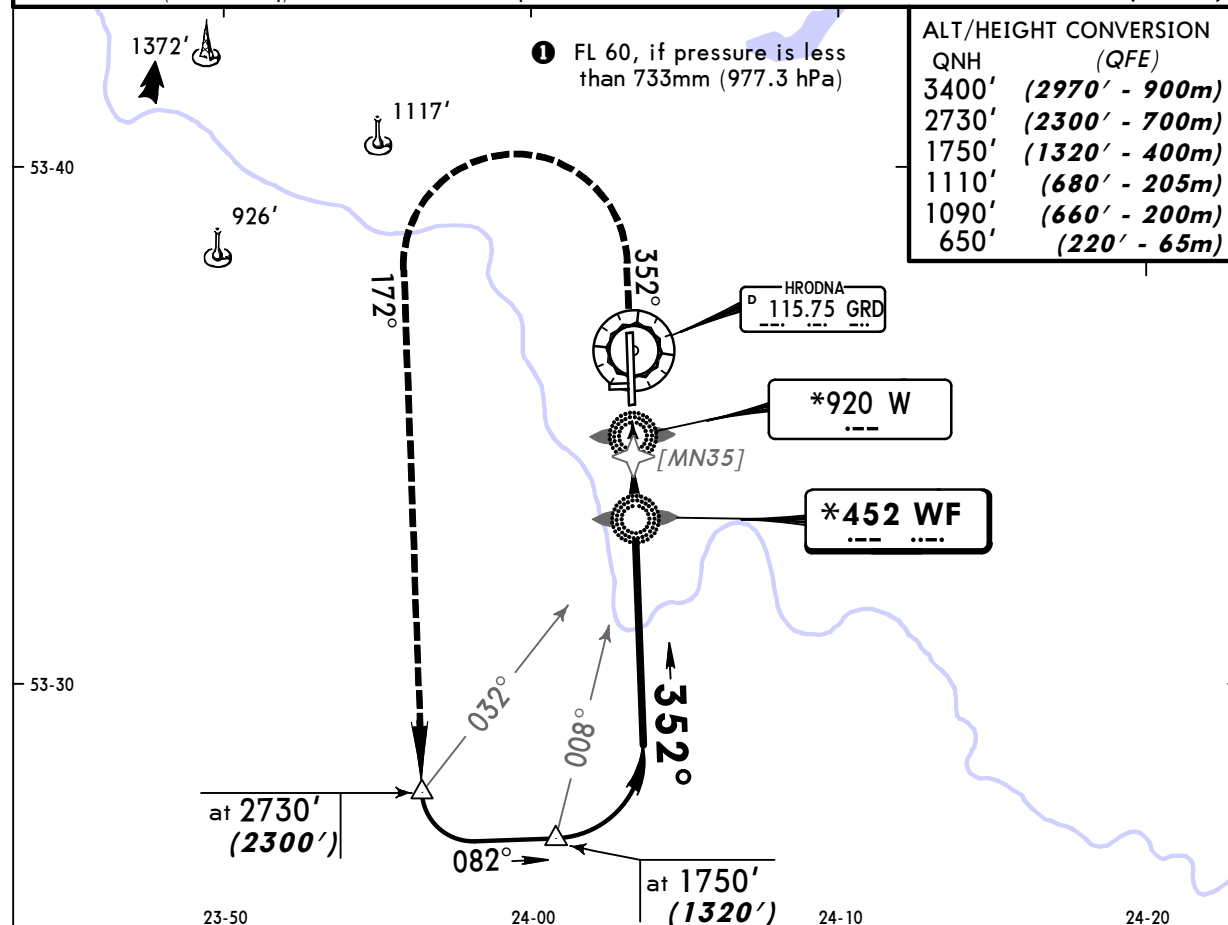
PANS OPS

UMMG/GNA
HRODNA

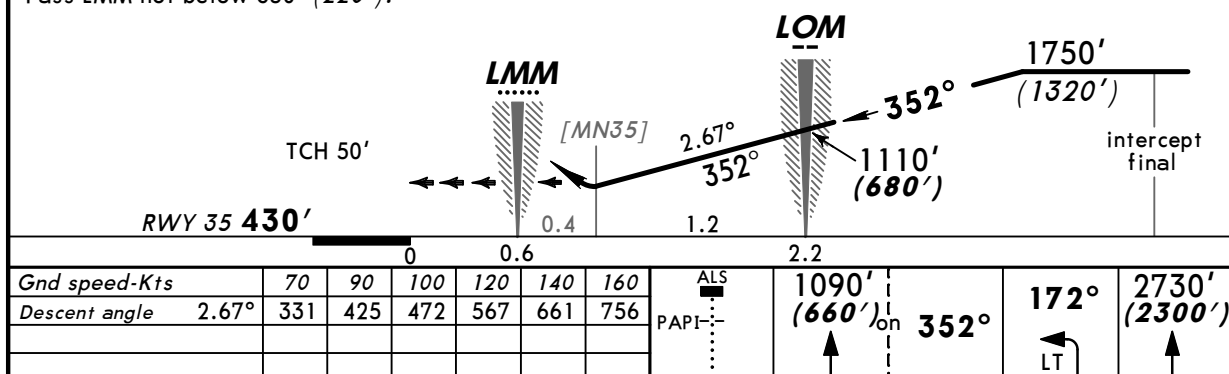
JEPPESEN
5 NOV 10 (16-1) Eff 18 Nov

HRODNA, BELARUS
2 NDB Rwy 35

*ATIS 124.25 Russian only		*HRODNA Tower (APP/SRE/TWR) 134.5		*Ground 134.5		MSA Airport
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.						
Alt Set: MM (hPa on req)		QNH on req (QFE)		Trans level: FL 50 ① Trans alt: 3400' (2970')		



Pass LMM not below 650' (220').



STRAIGHT-IN LANDING RWY 35

*MDA*_(H) **750'(320')**

ALS out

RVR 1500m
VIS 1600m

PANS OPS