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General Information

Location: GORNA ORYAHOVITSA BGR
ICAO/IATA: LBGO / GOZ
Lat/Long: N43° 09.10', E025° 42.72'
Elevation: 283 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -2:00 = UTC
Magnetic Variation: 6.0° E

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

Sunrise: 0336 Z
Sunset: 1701 Z

Runway Information

Runway: 09
Length x Width: 8028 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 283 ft
Lighting: Edge, ALS

Runway: 27
Length x Width: 8028 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 275 ft
Lighting: Edge
Displaced Threshold: 656 ft

Communication Information

ATIS: 127.130
Gorna Tower: 133.500
Gorna Tower: 124.500 Secondary

LBGO/GOZ

JEPPESEN

GORNA ORYAHOVITSA, BULGARIA

GORNA ORYAHOVITSA

13 MAR 20

10-1P

Eff 26 Mar

AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

ATIS 127.130

1.2. NOISE ABATEMENT PROCEDURES

Flight planning and performance of training flights within Gorna CTR (General Air Traffic and Operational Air Traffic), are permitted only after prior coordination with ATC.

1.3. SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM

1.3.1 GROUND MOVEMENT

ATS unit do not provide separation on apron and apron TWY.

ATS unit may give instructions to the ACFT to cross another ACFT's path. In that case, it is responsibility of the flight crew to ensure separation to the other ACFT. If the flight crew foresees any safety risk they shall hold position and inform ATS unit.

Wingtip clearance is responsibility of the flight crew.

2. ARRIVAL

2.1. COMMUNICATION FAILURE PROCEDURES

Approach clearance has been given and acknowledged:

Squawk 7600. Continue flight in accordance with the cleared procedure.

Approach clearance has not been given:

Squawk 7600. Proceed to VOR/DME GRN or L GNA at 4000' ALT. Hold for minimum 7 minutes.

Execute an approach procedure at your discretion.

3. DEPARTURE

3.1. COMMUNICATION FAILURE PROCEDURES

Squawk 7600. Maintain last assigned level for 2 minutes, then climb to the cruising level stated in the FPL.

3.2. OTHER INFORMATION

Execution of rejected/aborted take-off procedure for testing purposes at Gorna Oryahovitsa APT is prohibited.

LBGO/GOZ
GORNA ORYAHOVITSA

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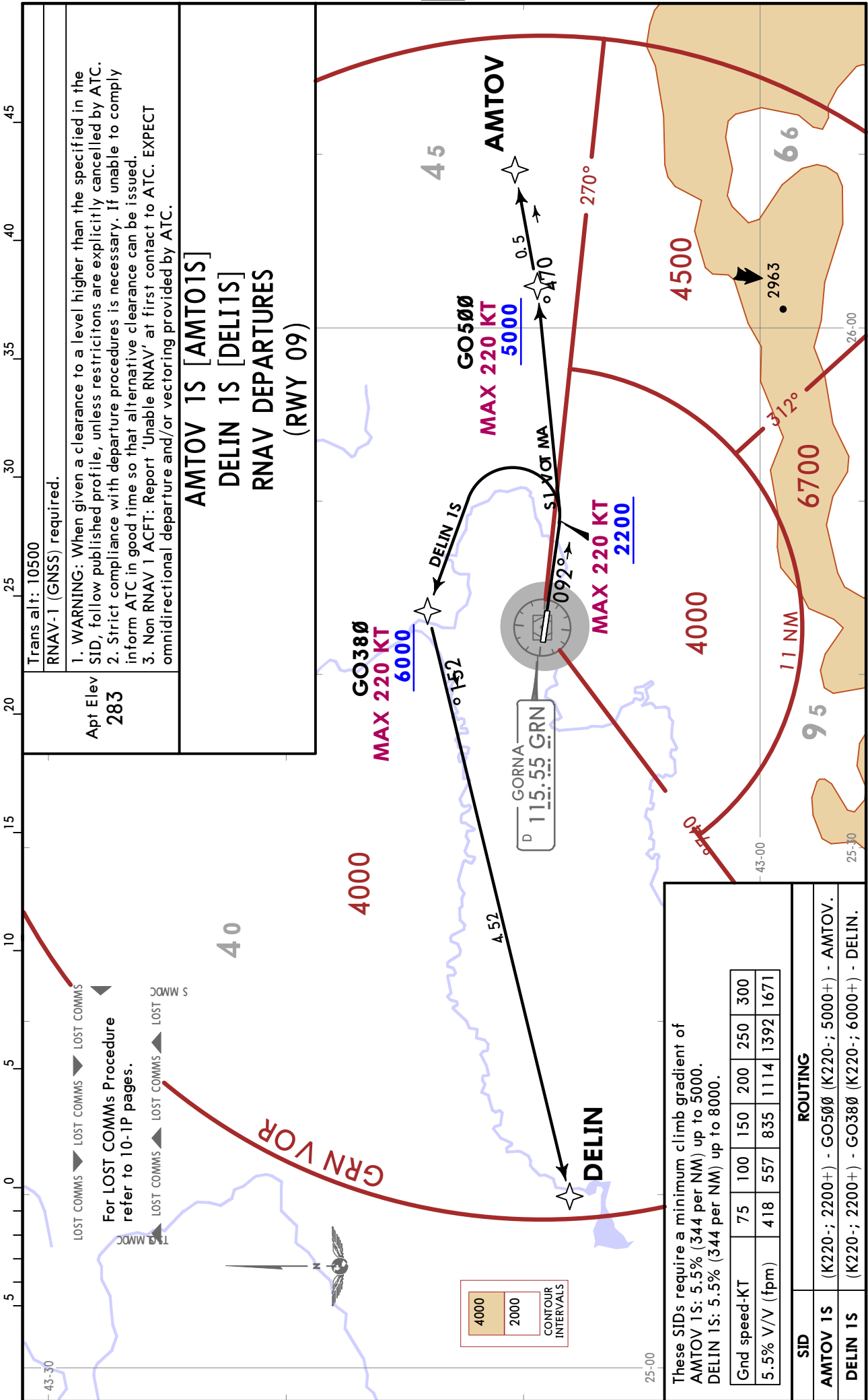
GORNA ORYAHOVITSA, BULGARIA

5 MAY 23

10-3

Eff 18 May

RNAV SID



Apt Elev 283	Trans alt: 10500 Strict compliance with departure procedures is necessary. If unable to comply inform ATC in good time so that alternative clearance can be issued.																			
OMNIDIRECTIONAL DEPARTURES SPEED: MAX 220 KT																				
LOST COMMS ▼ LOST COMMS ▼ LOST COMMS LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS For LOST COMMs Procedure refer to 10-1P pages.																				
These departures require a minimum climb gradient of 5.5 % (344 per NM) required due to airspace restrictions.																				
<table><tr><td>Gnd speed-KT</td><td>75</td><td>100</td><td>150</td><td>200</td><td>250</td><td>300</td></tr><tr><td>5.5% V/V (fpm)</td><td>418</td><td>557</td><td>835</td><td>1114</td><td>1392</td><td>1671</td></tr></table>							Gnd speed-KT	75	100	150	200	250	300	5.5% V/V (fpm)	418	557	835	1114	1392	1671
Gnd speed-KT	75	100	150	200	250	300														
5.5% V/V (fpm)	418	557	835	1114	1392	1671														
RWY	ROUTING																			
09	Climb on 081° track to 2200, turn LEFT to DELIN or AMTOV according to FPL.																			
27	Climb straight ahead to 2300, turn LEFT to DELIN or RIGHT to AMTOV according to FPL.																			

LBGO/GOZ

Apt Elev **283'**
N43 09.1 E025 42.7

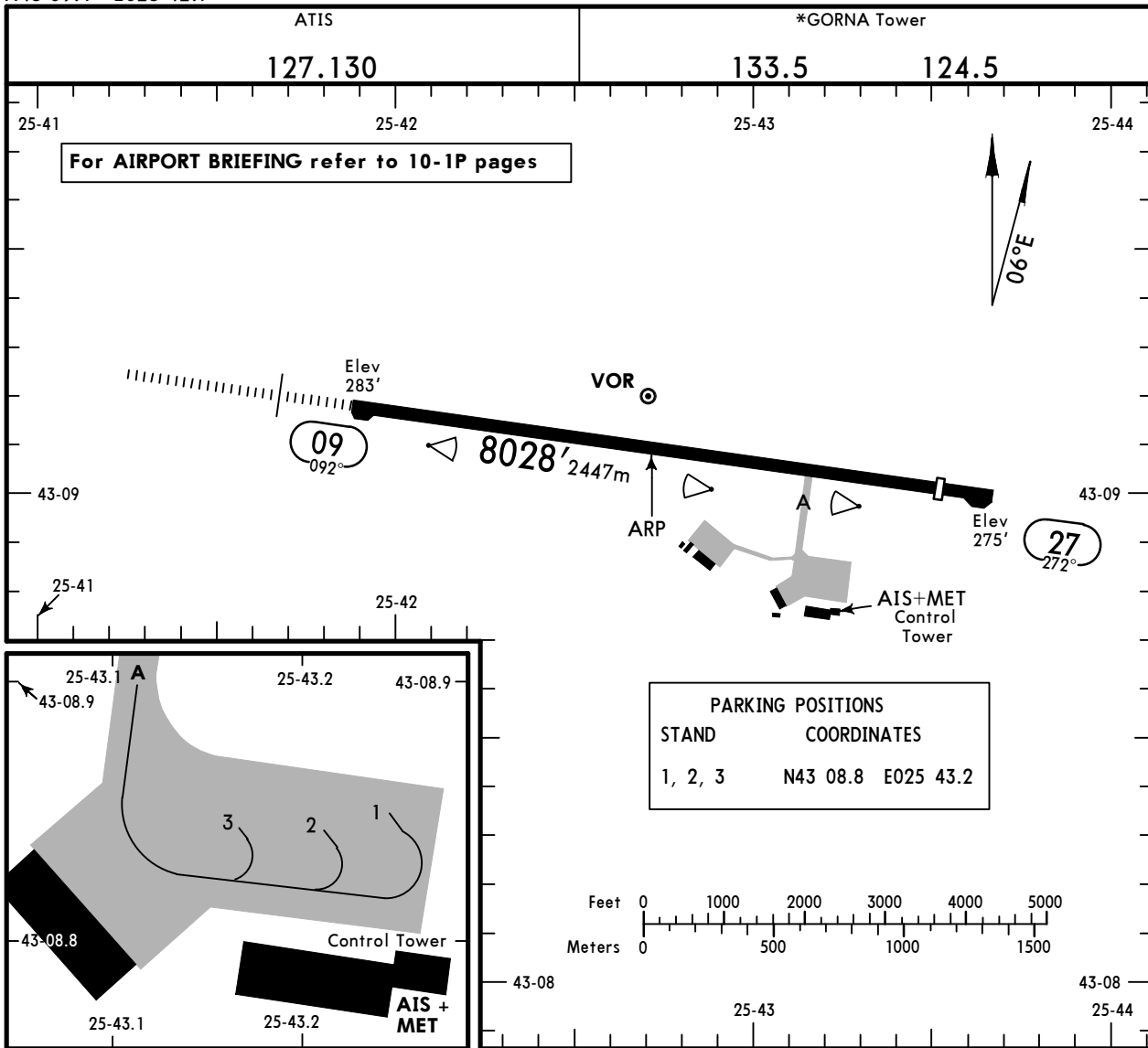


JEPPESSEN

29 JAN 21 **(10-9)**

GORNA ORYAHOVITSA, BULGARIA

GORNA ORYAHOVITSA



ADDITIONAL RUNWAY INFORMATION

					USABLE LENGTHS			WIDTH
					LANDING BEYOND		TAKE-OFF	
RWY					Threshold	Glide Slope		
09	HIRL (60m)	HIALS	PAPI (angle 3.0°)	RVR			7372' 2247m	148'
27	HIRL (60m)	PAPI (angle 3.0°)		RVR	7372' 2247m		①	45m

① TAKE-OFF RUN AVAILABLE

RWY 27:

From rwy head 8028' (2447m)
twy A int 5764' (1757m)

Standard

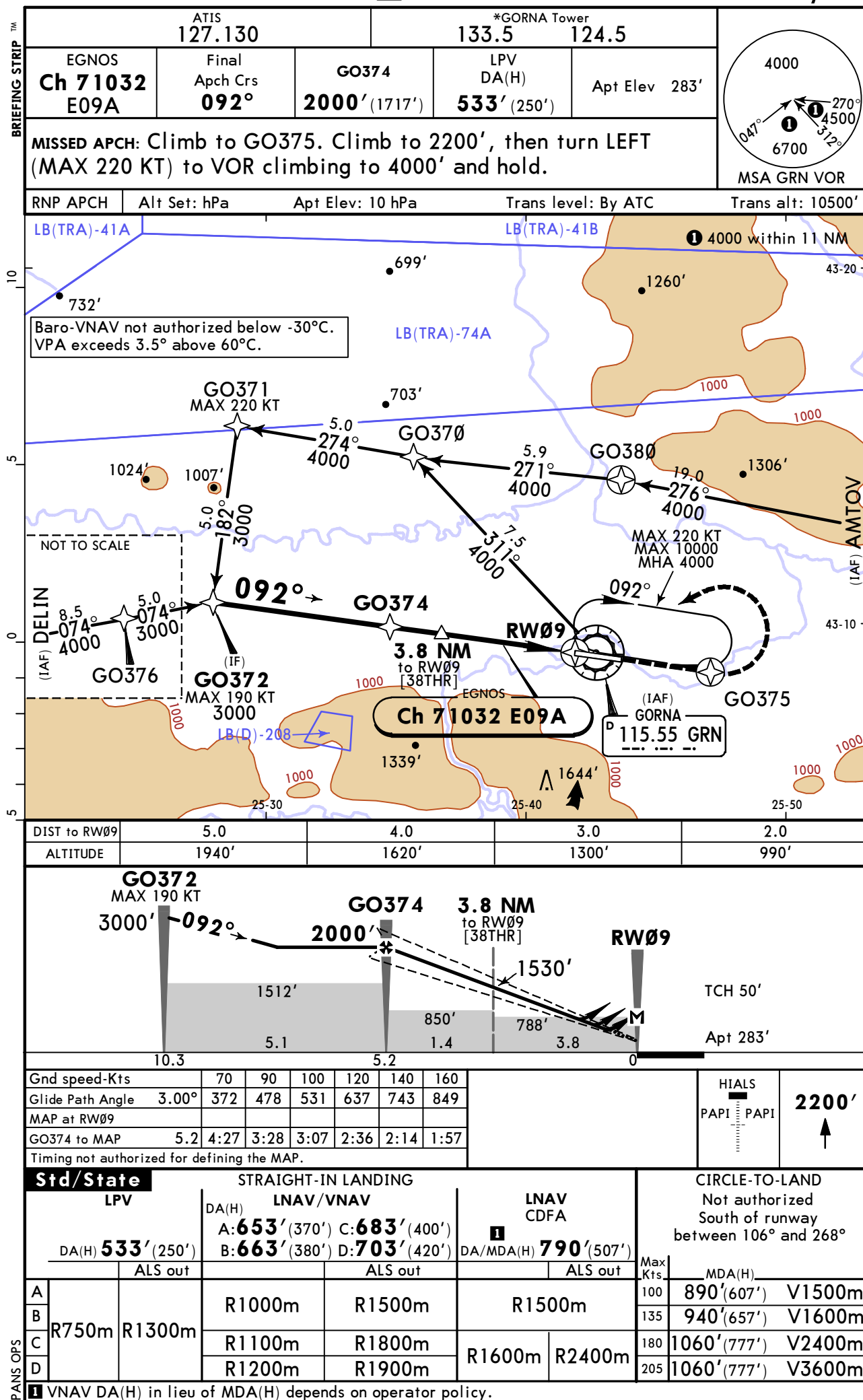
TAKE-OFF

	Low Visibility Take-off		Adequate vis ref (Day only)
	Day: RL & RCLM Night: RL	Day: RL or RCLM Night: RL	
A	RVR 300m	400m	500m
B			
C			
D			

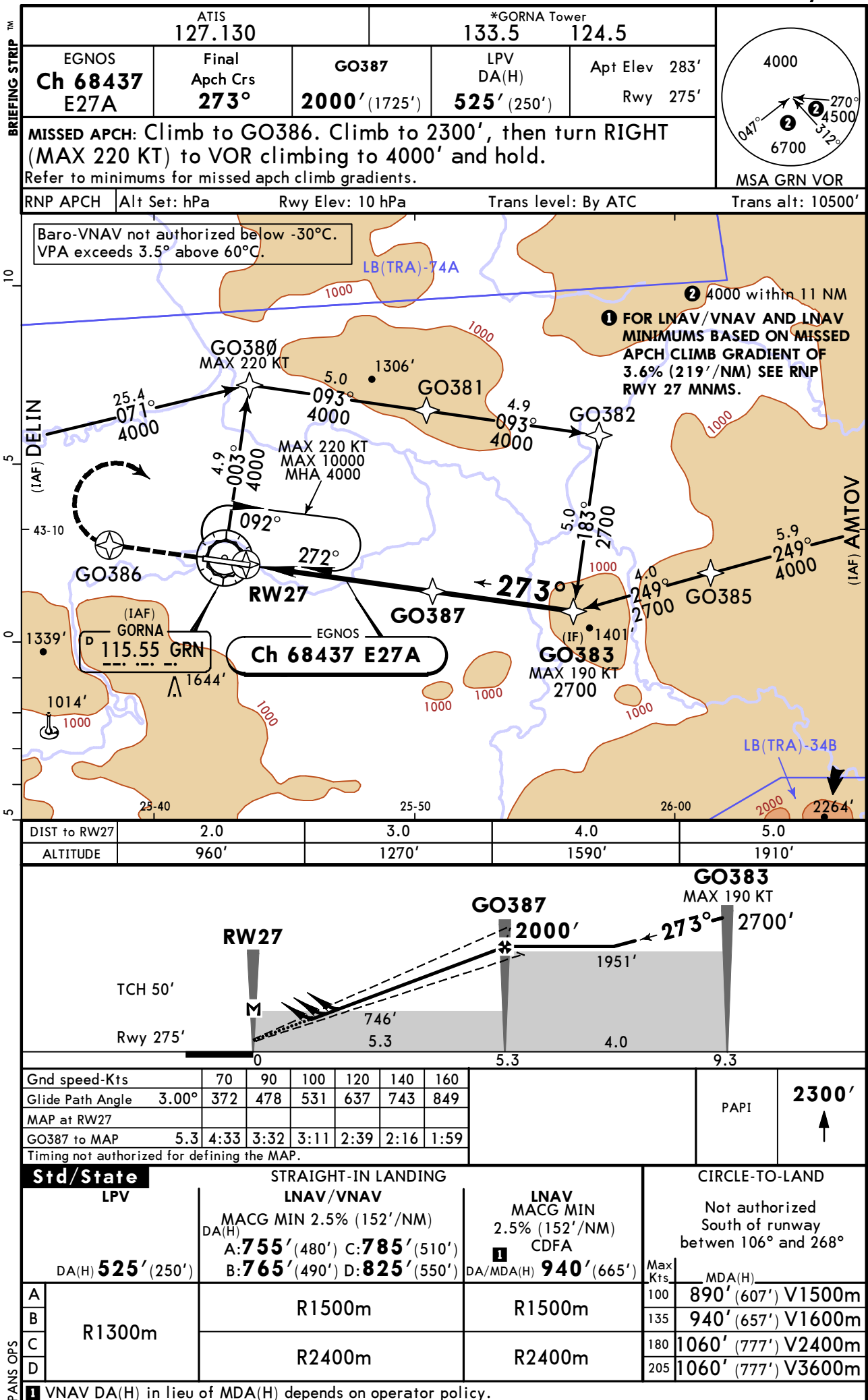
LBGO/GOZ

GORNA ORYAHOVITSA 26 MAY 23 (12-1)

RNP Rwy 09



LBGO/GOZ
GORNA ORYAHOVITSA 14 JUL 23 (12-2) **JEPPESSEN GORNA ORYAHOVITSA, BULGARIA**
RNP Rwy 27



LBGO/GOZ

14 JUL 23 12-2A

JEPPesen GORNA ORYAHOVITSA, BULGARIA

RNP RWY 27 MINIMUMS

BASED ON:

MISSED APCH CLIMB GRADIENT MIN 3.6% (219' /NM)

Std/State		STRAIGHT-IN LANDING	
		LNAV/VNAV	
		DA(H)	A: 625' (350') C: 655' (380') B: 635' (360') D: 695' (420')
A	R1500m		
B			
C	R1700m		
D	R1900m		

Std/State		STRAIGHT-IN LANDING	
		LNAV	
		CDFA	
		1 DA/MDA(H) 800' (525')	
A	R1500m		
B			
C	R2400m		
D			

1 VNAV DA(H) in lieu of MDA(H) depends on operator policy.

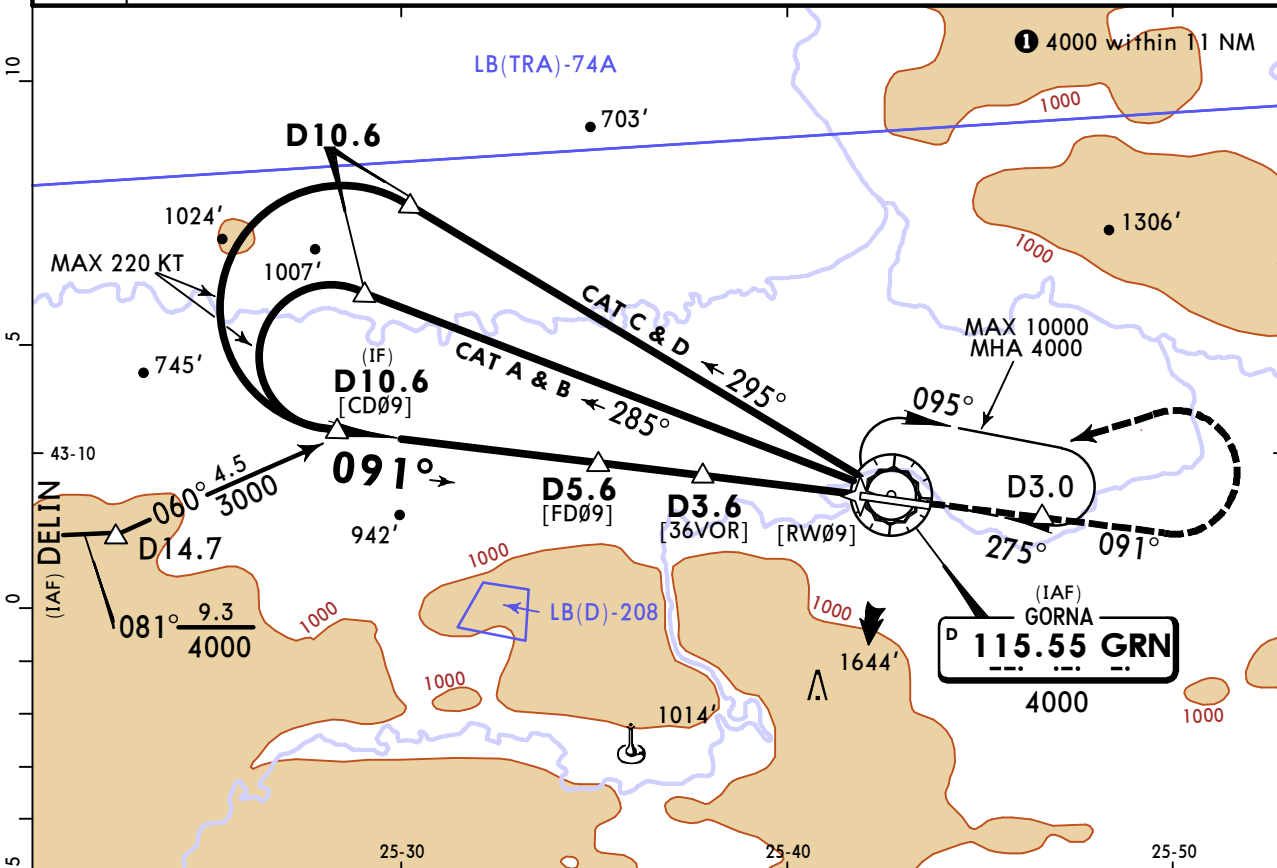
LBGO/GOZ
GORNA ORYAHOVITSA
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14 JUL 23 (13-1)

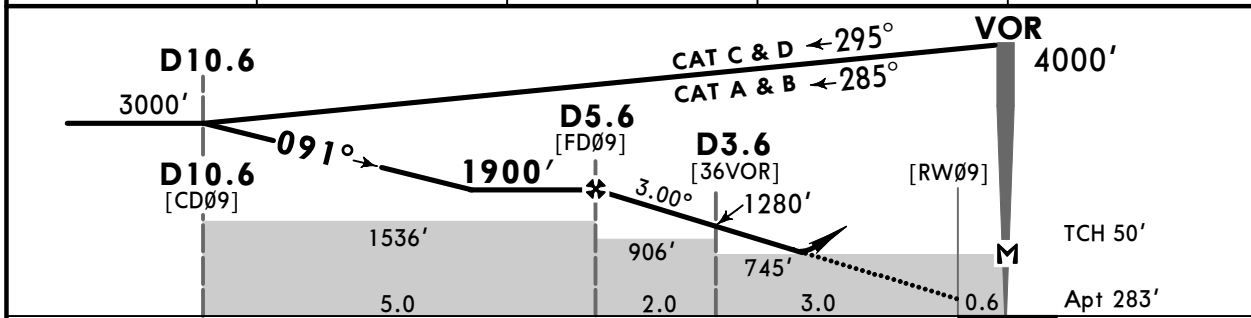
GORNA ORYAHOVITSA, BULGARIA
VOR Rwy 09

BRIEFING STRIP™

ATIS 127.130		*GORNA Tower 133.5 124.5			4000 270° 047° 312° 4500 6700 MSA GRN VOR
VOR GRN 115.55	Final Apch Crs 091°	D5.6 1900' (1617')	DA/MDA(H) 750' (467')	Apt Elev 283'	
MISSED APCH: Climb on 091° to D3.0. Climb to 2200', then turn LEFT (MAX 220 KT) to VOR climbing to 4000' and hold.					
Alt Set: hPa		Apt Elev: 10 hPa		Trans level: By ATC	
DME required.					



GRN DME	5.0	4.0	3.0	2.0
DIST to RW09	4.4	3.4	2.4	1.4
ALTITUDE	1710'	1390'	1080'	760'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI 2200' on 091°
Descent Angle	3.00°	372	478	531	637	743	
MAP at VOR							
D5.6 to MAP	5.6	4:48	3:44	3:22	2:48	2:24	
Timing not authorized for defining the MAP.							

Std/State		STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
		CDFA		Not authorized South of runway between 106° and 268°	
		DA/MDA(H) 750' (467')			
		ALS out		Max Kts	
A	R1500m	R1500m		100	890' (607') V1500m
B		R1500m		135	940' (657') V1600m
C		R2200m		180	1060' (777') V2400m
D		R2200m		205	1060' (777') V3600m

VNAV DA(H) in lieu of MDA(H) depends on operator policy.

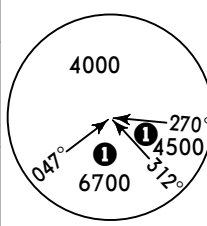
CHANGES: Boundary LB(D)-209 withdrawn.

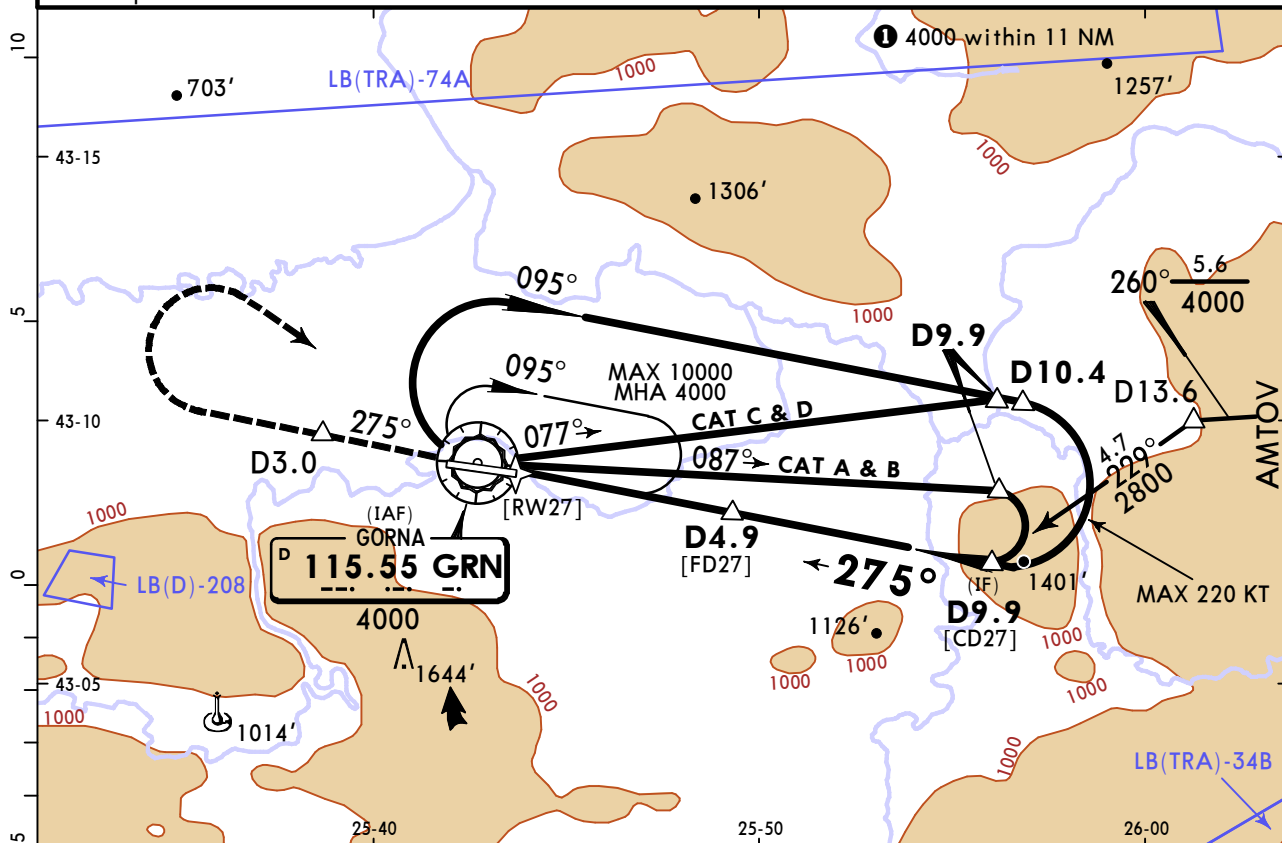
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GORNA ORYAHOVITSA

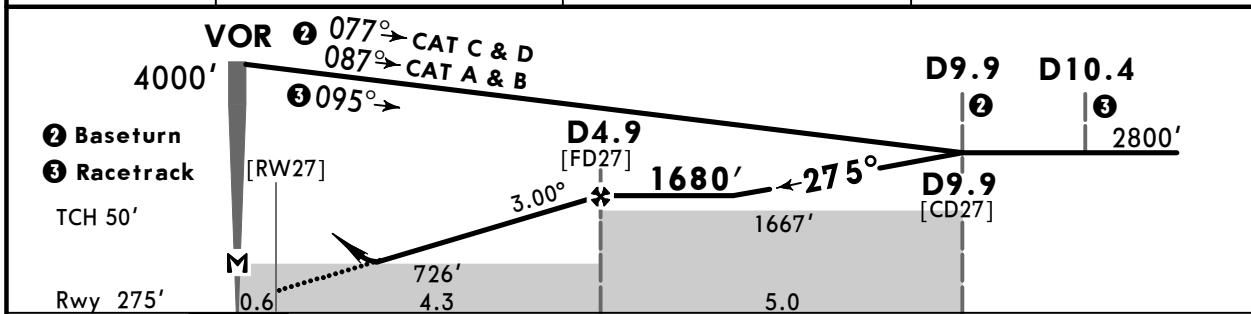
JEPPesen
14 JUL 23 (13-2)

GORNA ORYAHOVITSA, BULGARIA
VOR Rwy 27

BRIEFING STRIP™	ATIS 127.130		*GORNA Tower 133.5 124.5			
	VOR GRN 115.55	Final Apch Crs 275°	D4.9 1680' (1405')	DA/MDA(H) 730' (455')		Apt Elev 283' Rwy 275'
	MISSED APCH: Climb on 275° to D3.0. Climb to 2300', then turn RIGHT (MAX 220 KT) to VOR climbing to 4000' and hold.					
	Alt Set: hPa		Rwy Elev: 10 hPa			Trans level: By ATC
	DME required.		Trans alt: 10500'			



GRN DME	4.0	3.0	2.0
DIST to RW27	3.4	2.4	1.4
ALTITUDE	1400'	1080'	760'



Gnd speed-Kts	70	90	100	120	140	160	PAPI 2300' on 275°	
Descent Angle	3.00°	372	478	531	637	743		
MAP at VOR								
D4.9 to MAP	4.9	4:12	3:16	2:56	2:27	2:06		
Timing not authorized for defining the MAP.								

Std/State		STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
		CDFA		Not authorized South of runway between 106° and 268°	
		DA/MDA(H) 730' (455')			
A	R1500m	Max Kts	MDA(H)		
B	R1500m	100	890' (607')	V1500m	
C	R2100m	135	940' (657')	V1600m	
D	R2100m	180	1060' (777')	V2400m	
		205	1060' (777')	V3600m	

VNAV DA(H) in lieu of MDA(H) depends on operator policy.

CHANGES: Boundary LB(D)-209 withdrawn.

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GORNA ORYAHOVITSA, BULGARIA
NDB Rwy 09

1 VNAV DA(H) in lieu of MDA(H) depends on operator policy. **2** or higher straight-in minimums.

GORNA ORYAHOVITSA, (GORNA ORYAHOVITSA - LBGO)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport LBGO