

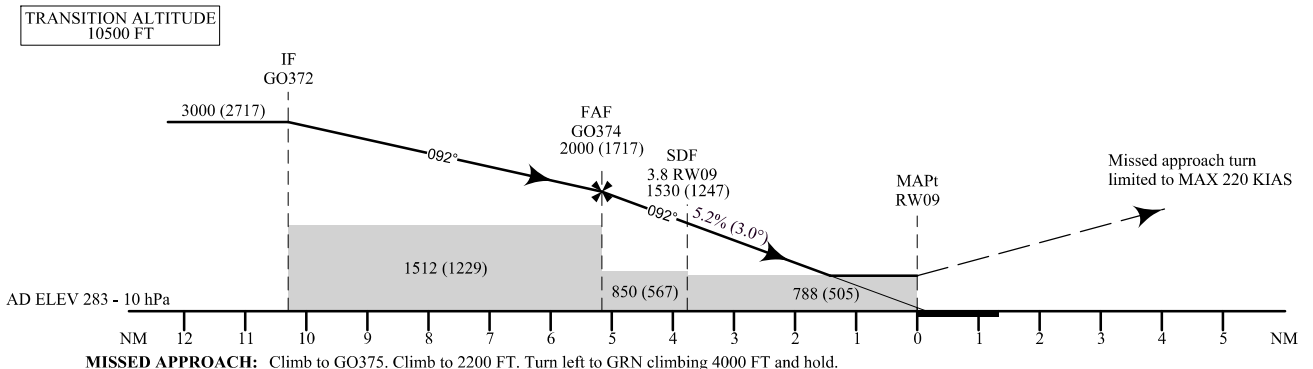
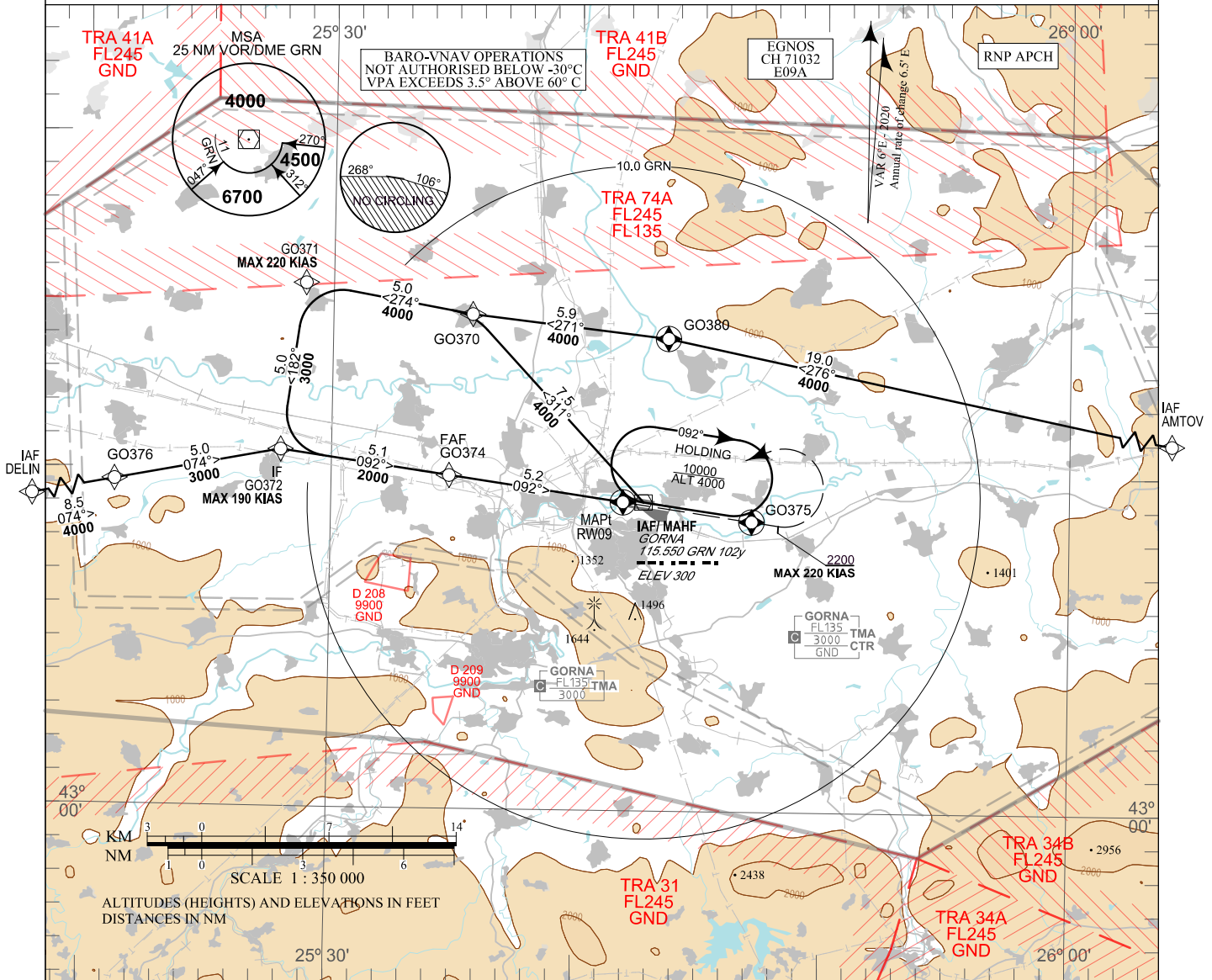
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 283 - 10 hPa
THR RWY 09 ELEV 283 - 10 hPa
OCH RELATED TO AD ELEV

TWR 133.500
124.500
246.825
121.500
243.000

GORNA ORYAHOVITSA

**RNP
RWY 09**



OCA (OCH)	A	B	C	D	
LPV	m	140 (54)	144 (58)	146 (60)	150 (64)
	ft	459 (176)	471 (188)	479 (196)	490 (207)
LNAV/VNAV	m	200 (115)	200 (115)	210 (120)	215 (130)
	ft	650 (370)	660 (380)	680 (400)	710 (420)
LNAV	m	245 (155)			
	ft	790 (510)			
Circling N of AD only	m	270 (185)	285 (200)	321 (235)	321 (235)
	ft	890 (600)	940 (650)	1060 (780)	1060 (780)

DIST THR NM / km	5 / 9.3	4 / 7.4	3 / 5.6	2 / 3.7
ALT (HGT) m	590 (505)	495 (410)	400 (310)	300 (215)
ALT (HGT) ft	1940 (1650)	1620 (1340)	1300 (1020)	990 (710)

GS	kt	60	80	100	120	140	160	180
FAF - MAPt 5.2 NM	min:sec	5:12	3:54	3:07	2:36	2:14	1:57	1:44
Rate of descent	ft/min	316	421	527	632	737	843	948

Timing is not authorized for defining MAPt

Instrument approach procedures

P/T	WPT ID	Flyover	Track MAG (GEO)	DIST NM	Turn Direction	Speed KT	ALT FT
From IAF AMTOV							
IF	AMTOV / IAF	-	-	-	-	-	-
TF	GO380	Yes	276°(281.1°T)	19.0	-	-	-
TF	GO370	-	271°(276.3°T)	5.9	-	-	-
TF	GO371	-	274°(279.9°T)	5.0	Left	220-	4000+
TF	GO372 / IF	-	182°(187.9°T)	5.0	Left	190-	3000+
TF	GO374 / FAF	-	092°(097.9°T)	5.1	-	-	2000+
TF	RW09 / MAPt	Yes	092°(098.0°T)	5.2	-	-	-
DF	GO375	Yes	-	-	-	-	-
CA	-	-	092°(098.0°T)	-	Left	220-	2200+
DF	GRN / MAHF	-	-	-	-	-	4000
From IAF DELIN							
IF	DELIN / IAF	-	-	-	-	-	-
TF	GO376	-	074°(079.1°T)	8.5	-	-	4000+
TF	GO372 / IF	-	074°(079.2°T)	5.0	Right	190-	3000+
TF	GO374 / FAF	-	092°(097.9°T)	5.1	-	-	2000+
TF	RW09 / MAPt	Yes	092°(098.0°T)	5.2	-	-	-
DF	GO375	Yes	-	-	-	-	-
CA	-	-	092°(098.0°T)	-	Left	220-	2200+
DF	GRN / MAHF	-	-	-	-	-	4000
From IAF GRN							
IF	GRN / IAF	-	-	-	-	-	-
TF	GO370	-	311°(316.9°T)	7.5	Left	-	-
TF	GO371	-	274°(279.8°T)	5.0	Left	220-	4000+
TF	GO372 / IF	-	182°(187.9°T)	5.0	Left	190-	3000+
TF	GO374 / FAF	-	092°(097.9°T)	5.1	-	-	2000+
TF	RW09 / MAPt	Yes	092°(098.0°T)	5.2	-	-	-
DF	GO375	Yes	-	-	-	-	-
CA	-	-	092°(098.0°T)	-	Left	220-	2200+
DF	GRN / MAHF	-	-	-	-	-	4000

Holding

P/T	WPT ID	Flyover	Track MAG (GEO)	Time	Turn Direction	Speed KT	ALT FT
HM	GRN	Yes	272°(278.0°T)	1 min	Right	220-	4000+ 10000-

See page LBGO AD 2 - 61.1 for waypoint coordinates

SBAS FAS Data Block Gorna Oryahovitsa RNP RWY 09

Data Field	Data Value
Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LBGO
Runway	09
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E09A
LTP/FTP Latitude	430910.7090N
LTP/FTP Longitude	0254152.8140E
LTP/FTP Ellipsoidal Height (m)	127.0
FPAP Latitude	430900.5000N
Delta FPAP Latitude (seconds)	-10.2090
FPAP Longitude	0254331.2750E
Delta FPAP Longitude (seconds)	98.4610
Threshold Crossing Height (ft)	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (m)	105.00
Length Offset (m)	0
HAL (m)	40.0
VAL (m)	50.0
CRC Value	4E61DC43
Data Block Hexadecimal Representation	10 0F 07 02 0C 09 00 00 01 39 30 05 6A ED 84 12 5C 44 07 0B F6 18 3E B0 FF 3A 01 03 F4 01 2C 01 64 00 C8 FA 4E 61 DC 43

Required Additional Data (not CRC wrapped)

Data Field	Data Value
ICAO Code	LB
LTP/FTP Orthometric Height (m)	86.3

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