

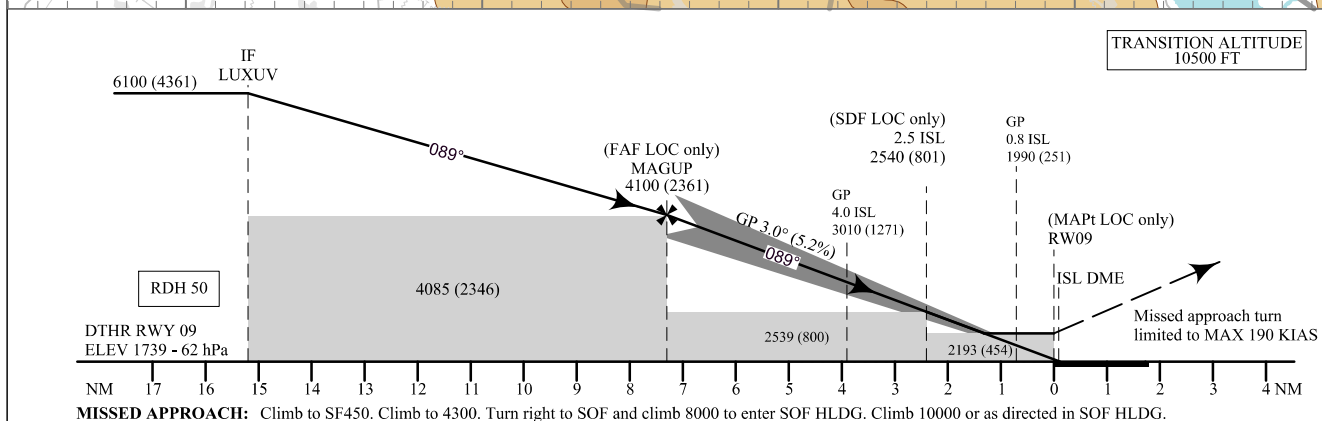
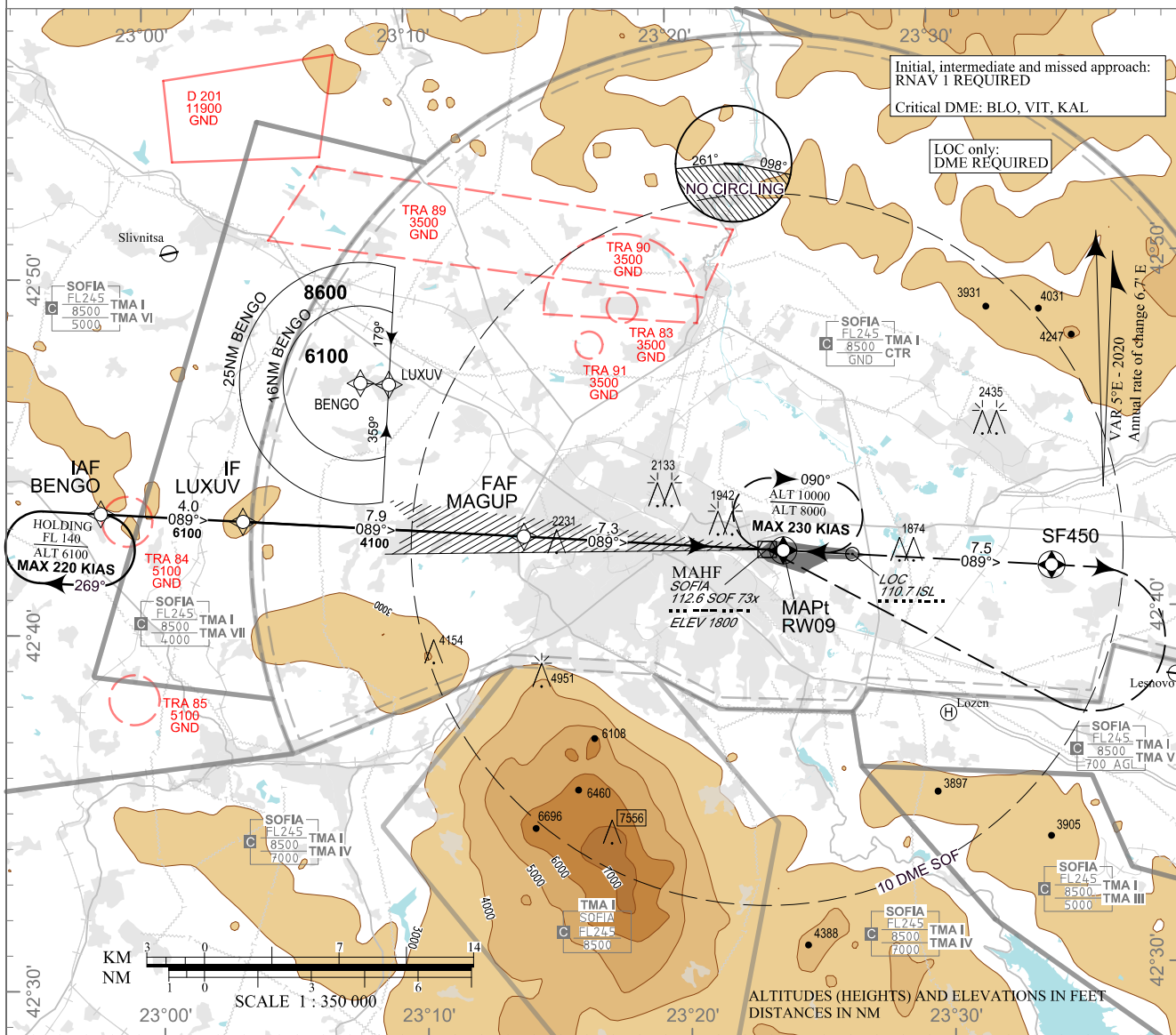
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 1745 - 62 hPa
DTHR RWY 09 ELEV 1739 - 62 hPa
ILS OCH RELATED TO DTHR RWY 09
LOC AND CIRCLING OCH RELATED TO AD ELEV

Sofia approach 123.700
Sofia Tower 118.100
Sofia ATIS 126.680
129.900
120.200
247.575
336.400
121.500
121.500
243.000
243.000

SOFIA
Vasil Levski - Sofia

**ILS z or LOC z
RWY 09**



Missed APCH gradient	OCA (OCH)	A	B	C	D
3.0%	CAT I	1894 (155)	1906 (167)	1914 (175)	1925 (186)
	LOC/DME		2200 (460)		
2.5%	CAT I	2188 (449)	2196 (457)	2204 (465)	2215 (476)
	LOC/DME			2540 (800)	
Circling		2250 (510)	2290 (550)	2540 (800)	2770 (1030)

DME ISL NM	7.0	6.0	5.0	4.0	3.0
DIST THR NM	6.8	5.8	4.8	3.8	2.8
ALT (HGT) ft	3960 (2220)	3640 (1910)	3330 (1590)	3010 (1270)	2690 (950)

GS	kt	60	80	100	120	140	160	180
FAF - MAPt 7.3 NM	min:sec	7:18	5:29	4:23	3:39	3:08	2:44	2:26
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 BENG0							
IF	BENG0/IAF	-	-	-	-	-	7000+
TF	LUXUV/IF	-	089° (094.3°T)	4.0	-	-	6100+
TF	MAGUP/FAF	-	089° (094.4°T)	7.9	-	-	4100+
TF	RW09/MAPt	Yes	089° (094.5°T)	7.3	-	-	-
TF	SF450	Yes	089° (094.6°T)	7.5	Right	190-	-
CA	-	-	089° (094.6°T)	-	-	-	4300+
DF	SOF/MAHF	-	-	-	-	-	8000+

Holding

P/T	WPT ID	Flyover	Track MAG (GEO)	Time	Turn Direction	Speed KT	ALT FT
HM	BENG0	Yes	089° (094.3°T)	1 min	Right	220-	6100+
HM	SOF	Yes	270° (274.4°T)	1 min	Right	230-	8000+

See page LBSF AD 2 - 61.1 for waypoint coordinates