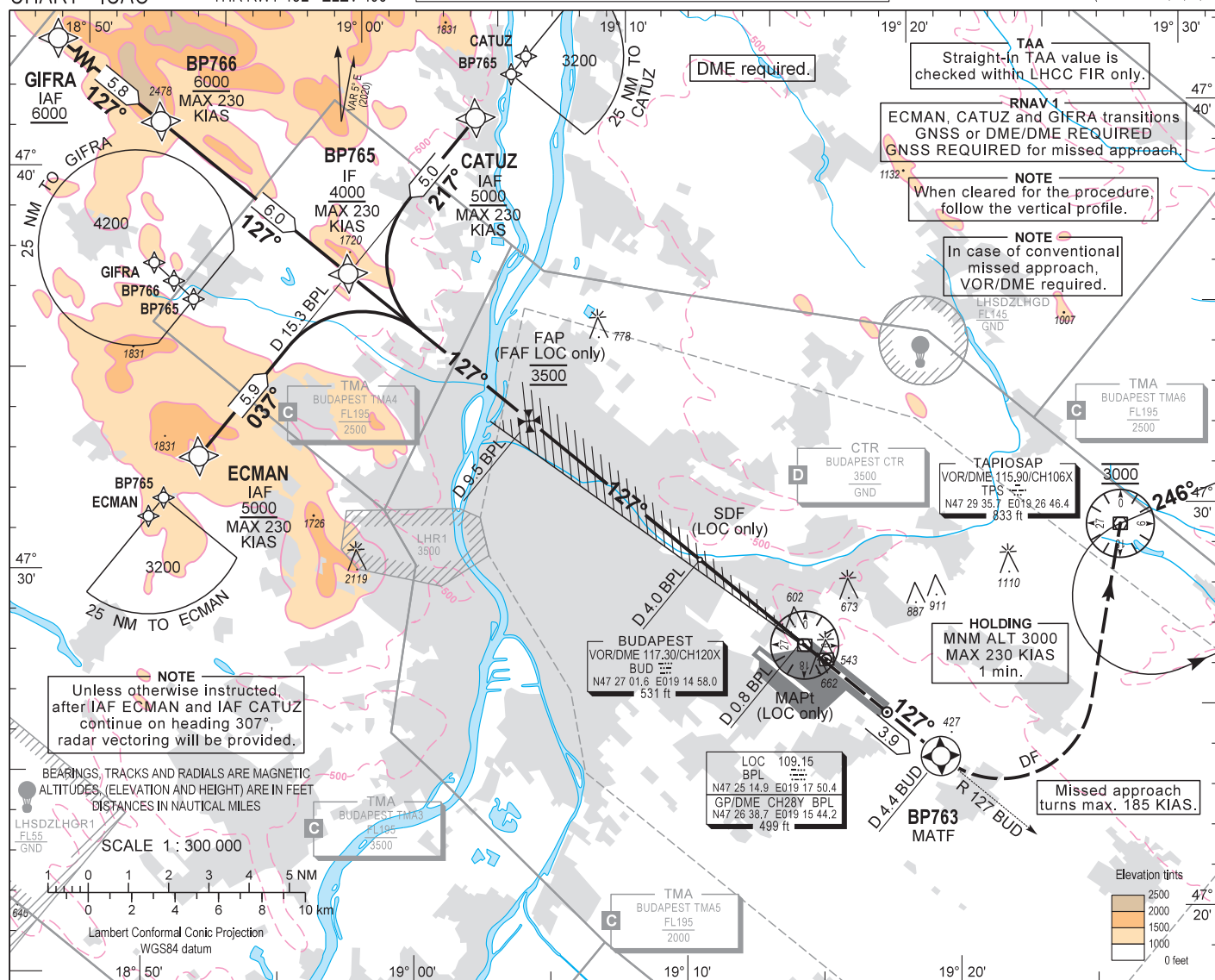


INSTRUMENT
APPROACH
CHART - ICAO

HEIGHTS RELATED TO
THR RWY 13L - ELEV 496

BUDAPEST APP	122.975	123.860	BUDAPEST GROUND	121.910
		119.510	BUDAPEST DELIVERY	134.540
BUDAPEST TOWER		118.100	ATIS	132.380 (117.300)
BUDAPEST INFORMATION (NORTH)				119.350

BUDAPEST/LISZT FERENC
ILS or LOC RWY 13L
(ACFT CAT A, B, C, D)

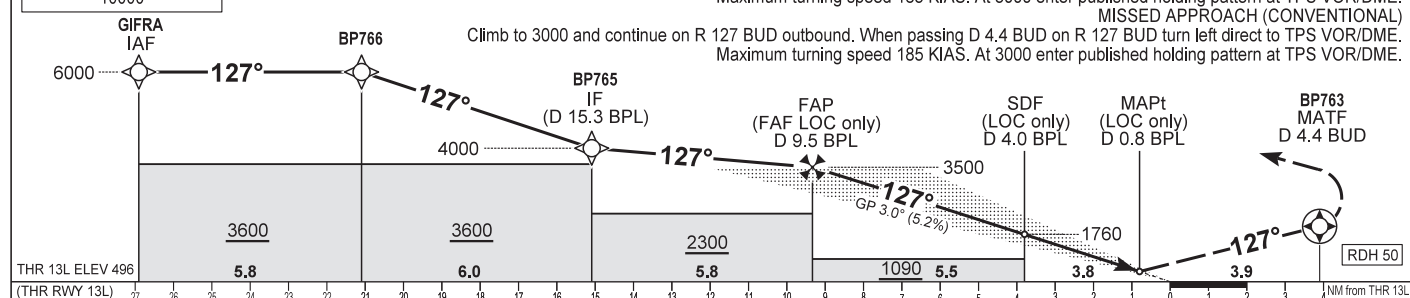


TRANSITION ALTITUDE
10000

MISSED APPROACH (RNAV)

Climb to BP763. At BP763 turn left direct to TPS and continue climb to 3000. Maximum turning speed 185 KIAS. At 3000 enter published holding pattern at TPS VOR/DME.

127 BUD outbound. When passing D 4.4 BUD on R 127 BUD turn left direct to TPS VOR/DME. Maximum turning speed 185 KIAS. At 3000 enter published holding pattern at TPS VOR/DME.



OCA (H)		A	B	C	D										
STRAIGHT-IN APPROACH	CAT I	683 (187)	695 (199)	704 (208)	714 (218)	DME BPL	NM	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0
						DIST THR / RWY 13L	NM	8.8	7.8	6.8	5.8	4.8	3.8	2.8	1.8
	CAT II	595 (99)	612 (116)	624 (128)	639 (143)	ALTITUDE	ft	3350	3030	2710	2390	2070	1760	1440	1120
	LOC	860 (370)				Timing not authorized to define the MAPt.									
CIRCLING		980	1190	1310	1510	GS		kt		60	90	120	150	180	
						FAP/FAF - THR 13L (9.3 NM)		min:sec		9:18	6:12	4:39	3:43	3:06	
						Rate of descent (319 ft/NM)		ft/min		320	480	640	800	960	

AD 2 LHBP INSTRUMENT APPROACH CHART ILS OR LOC 13L

via GIFRA

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	GIFRA	IAF				+6000			RNAV1
TF	BP766			132.1 T/5.8 NM		+6000	-230		RNAV1
TF	BP765	IF		132.2 T/6.0 NM		+4000	-230		RNAV1
CF	BP764	FAF		132.2 T/5.8 NM		@3500			
CF	RW13L	LTP	Y	132.4 T/9.3 NM		+546		-3.0	
TF	BP763	MATF	Y	132.4 T/3.9 NM			-185		RNP APCH
DF	TPS				L	@3000	-185		RNP APCH
HM	TPS	MAHF		251.0 T/1 min	L	@3000	-230		RNP APCH

via ECMAN

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	ECMAN	IAF				+5000	-230		RNAV1
TF	BP765	IF		042.3 T/5.9 NM		+4000	-230		RNAV1
CF	BP764	FAF		132.2 T/5.8 NM		@3500			
CF	RW13L	LTP	Y	132.4 T/9.3 NM		+546		-3.0	
TF	BP763	MATF	Y	132.4 T/3.9 NM			-185		RNP APCH
DF	TPS				L	@3000	-185		RNP APCH
HM	TPS	MAHF		251.0 T/1 min	L	@3000	-230		RNP APCH

via CATUZ

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	CATUZ	IAF				+5000	-230		RNAV1
TF	BP765	IF		222.3T/5.0 NM		+4000	-230		RNAV1
CF	BP764	FAF		132.2 T/5.8 NM		@3500			
CF	RW13L	LTP	Y	132.4 T/9.3 NM		+546		-3.0	
TF	BP763	MATF	Y	132.4 T/3.9 NM			-185		RNP APCH
DF	TPS				L	@3000	-185		RNP APCH
HM	TPS	MAHF		251.0 T/1 min	L	@3000	-230		RNP APCH

WAYPOINT COORDINATES SEE: AD 2.22.