

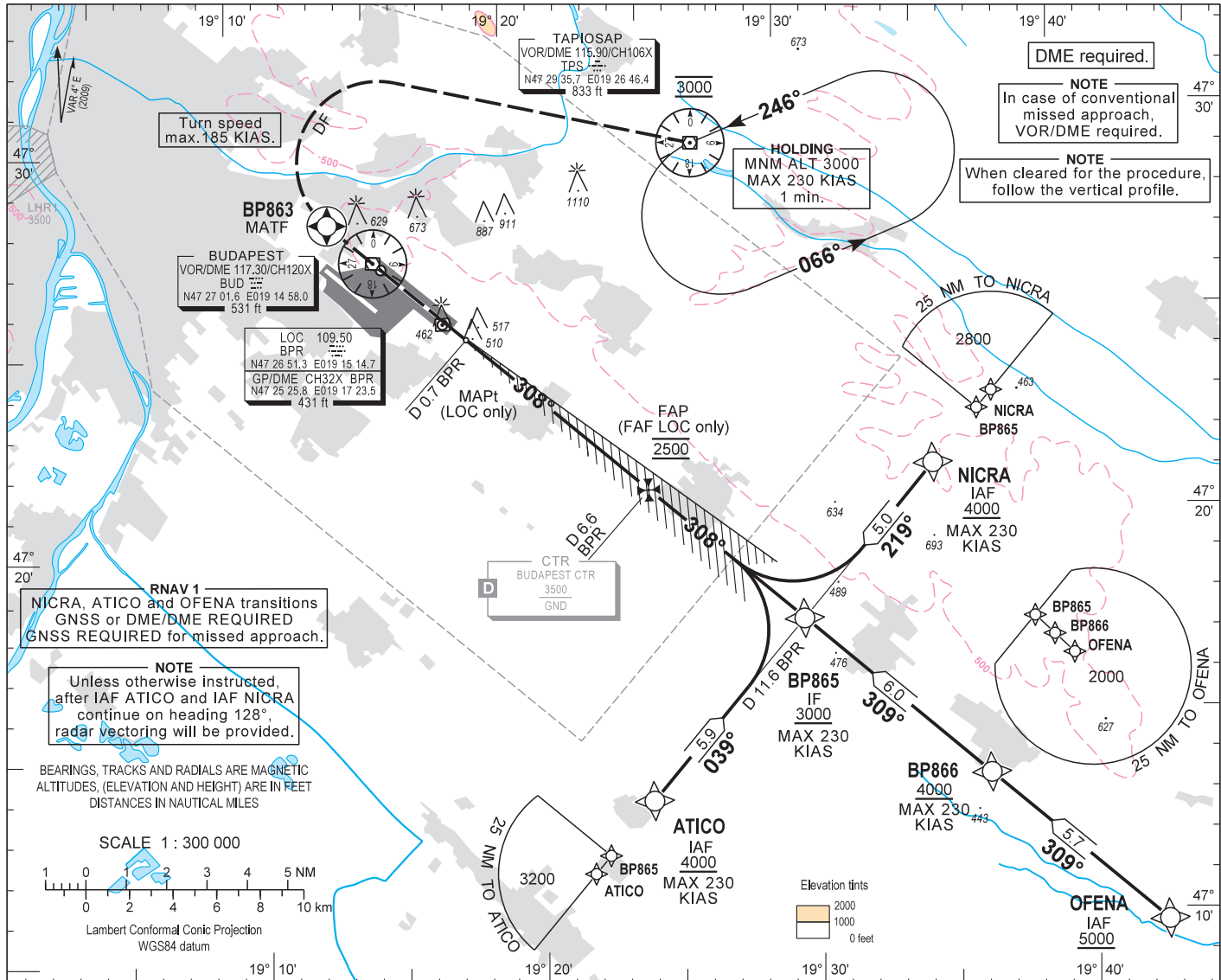
AIP HUNGARY

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 496  
HEIGHTS RELATED TO THR RWY 31R - ELEV 416

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

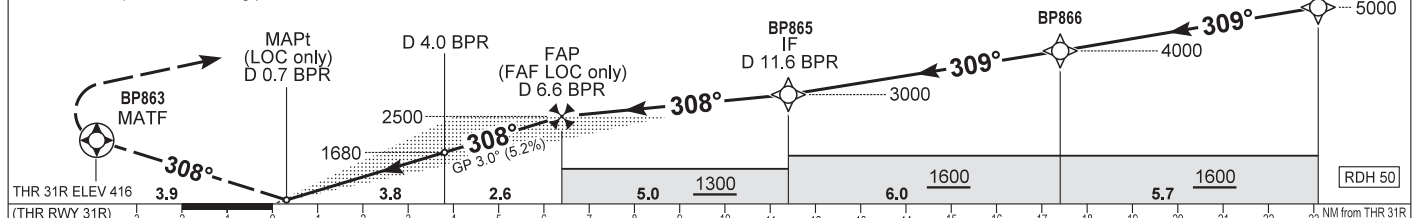
BUDAPEST/LISZT FERENC  
ILS or LOC RWY 31R  
(ACFT CAT A, B, C, D)



**MISSED APPROACH (RNAV)**  
Climb to BP863. At BP863 turn right direct to TPS and continue climb to 3000.  
Maximum turning speed 185 KIAS. At 3000 enter published holding pattern at TPS VOR/DME.

**MISSED APPROACH (CONVENTIONAL)**  
Climb to 3000 initially on R 128 BUD inbound. After passing the station continue on R 308 BUD outbound.  
When passing D 1.5 BUD on R 308 BUD turn right to TPS VOR. Maximum turning speed 185 KIAS.  
At 3000 enter published holding pattern at TPS VOR/DME.

TRANSITION ALTITUDE  
10000



OCA (H)		A	B	C	D	DME BPR						
STRAIGHT-IN APPROACH	CAT I	602 (186)	614 (198)	623 (207)	633 (217)	NM	6.0	5.0	4.0	3.0	2.0	
	CAT II	514 (98)	531 (115)	543 (127)	558 (142)	NM	5.8	4.8	3.8	2.8	1.8	
	LOC	770 (360)				ft	2310	1990	1680	1360	1040	
	CIRCLING	980	1190	1310	1510	Timing not authorized to define the MAPt.						
NOTE: CAT IIIB APPROVED						GS	kt	60	90	120	150	180
						FAP/FAF - THR 31R (6.4 NM)	min:sec	6:24	4:16	3:12	2:34	2:08
						Rate of descent (319 ft/NM)	ft/min	320	480	640	800	960

**AD 2 LHBP INSTRUMENT APPROACH CHART ILS OR LOC RWY 31R**

via OFENA

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	OFENA	IAF				+5000			RNAV1
TF	BP866			312.6 T/5.7 NM		+4000	-230		RNAV1
TF	BP865	IF		312.5 T/6.0 NM		+3000	-230		RNAV1
CF	BP864	FAF		312.5 T/5.0 NM		@2500			
CF	RW31R	LTP	Y	312.4 T/6.4 NM		+466		-3.0	
TF	BP863	MATF	Y	312.4 T/3.9 NM			-185		RNP APCH
DF	TPS				R	@3000	-185		RNP APCH
HM	TPS	MAHF		250.0 T/1 min	L	@3000	-230		RNP APCH

via NICRA

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	NICRA	IAF				+4000	-230		RNAV1
TF	BP865	IF		222.5 T/5.0 NM		+3000	-230		RNAV1
CF	BP864	FAF		312.5 T/5.0 NM		@2500			
CF	RW31R	LTP	Y	312.4 T/6.4 NM		+466		-3.0	
TF	BP863	MATF	Y	312.4 T/3.9 NM			-185		RNP APCH
DF	TPS				R	@3000	-185		RNP APCH
HM	TPS	MAHF		250.0 T/1 min	L	@3000	-230		RNP APCH

via ATICO

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	ATICO	IAF				+4000	-230		RNAV1
TF	BP865	IF		042.6 T/5.9 NM		+3000	-230		RNAV1
CF	BP864	FAF		312.5 T/5.0 NM		@2500			
CF	RW31R	LTP	Y	312.4 T/6.4 NM		+466		-3.0	
TF	BP863	MATF	Y	312.4 T/3.9 NM			-185		RNP APCH
DF	TPS				R	@3000	-185		RNP APCH
HM	TPS	MAHF		250.0 T/1 min	L	@3000	-230		RNP APCH

WAYPOINT COORDINATES SEE: AD 2.22.