

AIP HUNGARY

INSTRUMENT
APPROACH
CHART - ICAO

AERODROME ELEV 496

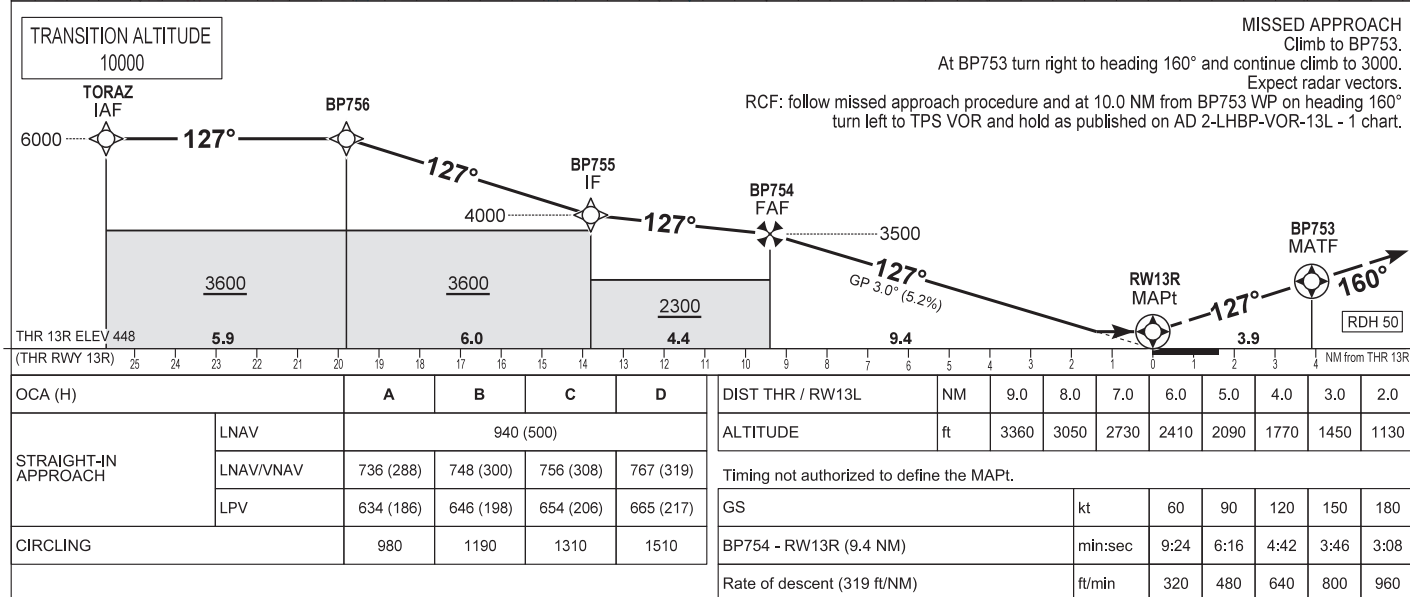
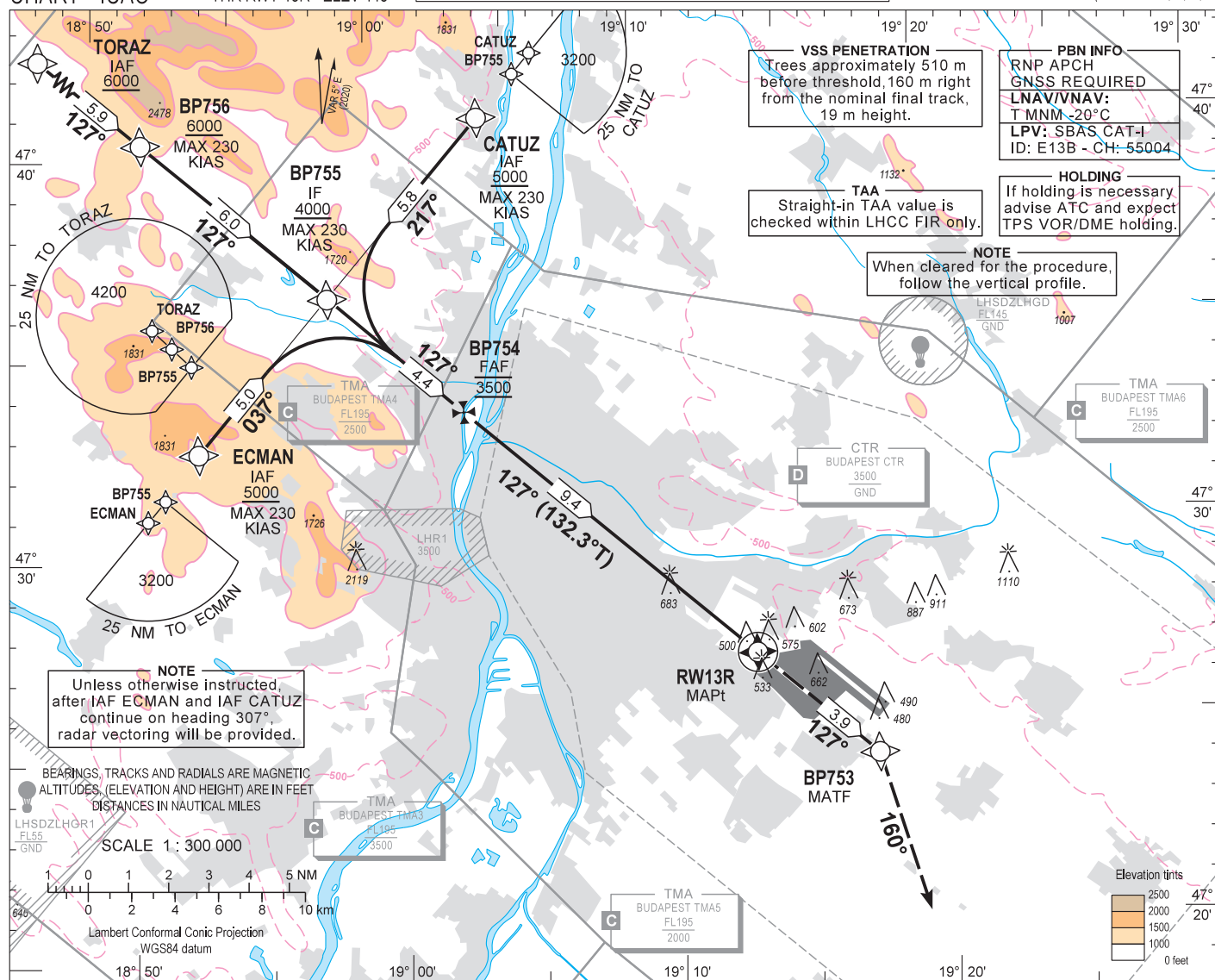
HEIGHTS RELATED TO
THR RWY 13R - ELEV 448

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

BUDAPEST/LISZT FERENC

RNP RWY 13R

(ACFT CAT A, B, C, D)



AD 2 LHBP INSTRUMENT APPROACH CHART RNP RWY 13R

via TORAZ

PT	WP ID	Role	OverFly	Bearing/ (Len Dur)	Turn Direction	Altitude (FT)	IAS (KT)	VRT ANG	NAV PERF
IF	TORAZ	IAF				+6000			RNP APCH
TF	BP756			131.7 T/5.9 NM		+6000	-230		RNP APCH
TF	BP755	IF		132.3 T/6.0 NM		+4000	-230		RNP APCH
TF	BP754	FAF		132.4 T/4.4 NM		@3500			RNP APCH
TF	RW13R	MAPt	Y	132.3 T/9.4 NM		+498		-3.0	RNP APCH
TF	BP753	MATF	Y	132.4 T/3.9 NM					RNP APCH
VM				165.0 T		@3000			

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		RNP APCH
TF	BP755	IF		222.3 T/5.8 NM		+4000	-230		RNP APCH
TF	BP754	FAF		132.4 T/4.4 NM		@3500			RNP APCH
TF	RW13R	MAPt	Y	132.3 T/9.4 NM		+498		-3.0	RNP APCH
TF	BP753	MATF	Y	132.4 T/3.9 NM					RNP APCH
VM				165.0 T		@3000			

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		RNP APCH
TF	BP755	IF		042.4 T/5.0 NM		+4000	-230		RNP APCH
TF	BP754	FAF		132.4 T/4.4 NM		@3500			RNP APCH
TF	RW13R	MAPt	Y	132.3 T/9.4 NM		+498		-3.0	RNP APCH
TF	BP753	MATF	Y	132.4 T/3.9 NM					RNP APCH
VM				165.0 T		@3000			

SBAS FAS Data Block Coding Data

FAS-DB (CRC wrapped data)	
Operation type	0
SBAS provider ID	1
Airport identifier	LHBP
RWY	13R
Approach performance designator	0
Route indicator	
Reference path data selector	0
Reference path identifier	E13B
LTP/FTP latitude	472655.3400N
LTP/FTP longitude	0191314.7300E
LTP/FTP ellipsoidal height (m)	180.6
FPAP latitude	472547.9550N
FPAP longitude	0191503.7180E
Threshold crossing height (TCH)	15
TCH units	1
Glide path angle (degrees)	3.00
Course width at threshold (m)	105.00
Length offset (m)	88
Horizontal alert limit (m)	40.0
Vertical alert limit (m)	35.0
Computed Data Block	10 10 02 08 0C 4D 00 00 02 33 31 05 D8 DE 5C 14 D4 A7 3F 08 0E 1B 8E F1 FD 78 53 03 2C 81 2C 01 64 0B C8 AF C3 C6 1F 72
Computed CRC	C3C61F72
FAS-DB (not CRC wrapped)	
ICAO code	LH
LTP/FTP Orthometric height (m)	136.6

WAYPOINT COORDINATES SEE: AD 2.22.