

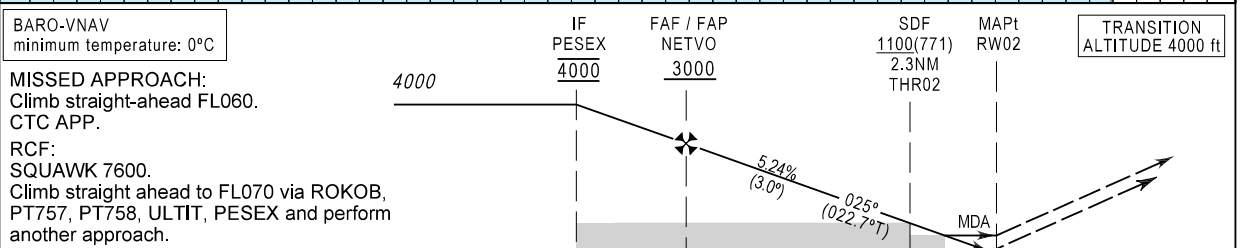
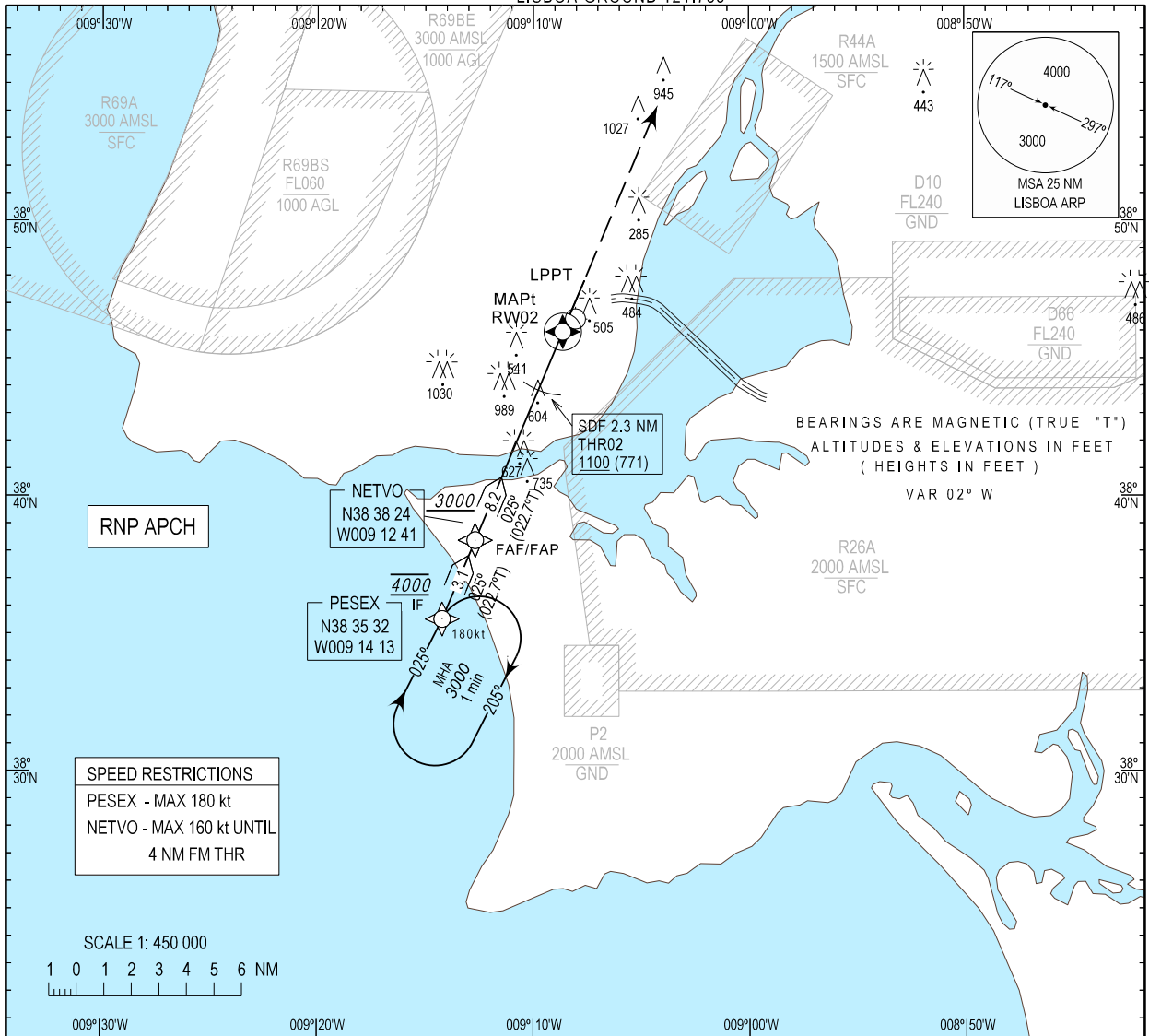
INSTRUMENT
APPROACH
CHART - ICAO

AD ELEV 355 ft
HEIGHTS RELATED
THR RWY 02 - ELEV 330 ft

LISBOA ARR INFORMATION 124.155
LISBOA APPROACH 119.105
LISBOA ARRIVAL 125.130
LISBOA TOWER 118.105
LISBOA GROUND 121.755

EGNOS
CH 48477
E02A
RDH: 50

LISBOA
Humberto Delgado (LPPT)
RNP RWY 02



BARO-VNAV minimum temperature: 0°C
MISSED APPROACH: Climb straight-ahead FL060. CTC APP.
RCF: SQUAWK 7600. Climb straight ahead to FL070 via ROKOB, PT757, PT758, ULTIT, PESEX and perform another approach.
PAPI 5.2%

CAT	LPV		LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	OCH	DA(H)	OCH	MDA(H)	OCH	MDA(H)	OCH
A	590 (261)	258	760 (431)	427	830 (501)	492	1500(1131)	1126
B	600 (271)	270					1580(1211)	1206
C	610 (281)	278						
D	620 (291)	288						

DIST THR NM	5	4	3	2	1
Altitude (height)	1972 (1642)	1654 (1324)	1335 (1005)	1017 (687)	698 (368)

rate of descend	kt	160	140	120	100	80
	ft/min	840	735	630	525	420

New procedure.

Instrument Approach Procedure Coding Table
LPPT RNP RWY02

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Type	Waypoint coordinates	Fly-Over	(True track [°]) /	Distance [NM]	Turn direction	Upper limit [ft]	Speed [kt]	VPA [°]	TCH (ft)
							Magnetic track [°]			/ Lower limit [ft]			
1 / RNP RWY02	RNP APCH	IF	PESEX	IF	38°35'32.42"N 009°14'12.69"W	-			-	@4000	180	-	-
2 / RNP RWY02	RNP APCH	TF	NETVO	FAF/FAP	38°38'24.00"N 009°12'41.00"W	-	(022.7°) 025°	3.10		+3000	160		
3 / RNP RWY02	RNP APCH	TF	RWY02 THR	MAPt (LNAV ONLY)	38°45'59.15"N / 009°08'38.04"W	Y	(022.7°) 025°	8.21	-	-	-	3.00	50
4 / RNP RWY02	RNP APCH	VM	-	-	-	-	(022.7°) 025°	-	-	@FL060	-	-	-
Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Type	Waypoint coordinates	Fly-Over	(True track [°]) / Magnetic track [°]	Distance [NM]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed [kts]	VPA [°]	TCH (ft)
1 / RNP RWY02	RNP APCH	HM	PESEX	HLDG	38°35'32.42"N 009°14'12.69"W	Y	(022.7°) 025°	1 min	R	FL090 / 3000	185		

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LPPT
Runway	02
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E02A
LTP/FTP Latitude	384559.1400N
LTP/FTP Longitude	0090838.0500W
LTP/FTP Ellipsoidal Height (metres)	153.7
FPAP Latitude	384747.3200N
Delta FPAP Latitude (seconds)	108.1800
FPAP Longitude	0090740.1700W
Delta FPAP Longitude (seconds)	57.8800
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 14 10 10 0C 02 00 00 01 32 30 05 C8 01 A3 10 BC 6B 13 FC 01 1A 28 4D 03 30 C4 01 F4 01 2C 01 64 00 C8 FA CB 78 65 D5
Calculated CRC Value	CB7865D5

Required Additional Data

ICAO Code	LP
LTP/FTP Orthometric Height (metres)	100.3