

INSTRUMENT APPROACH
CHART - ICAO

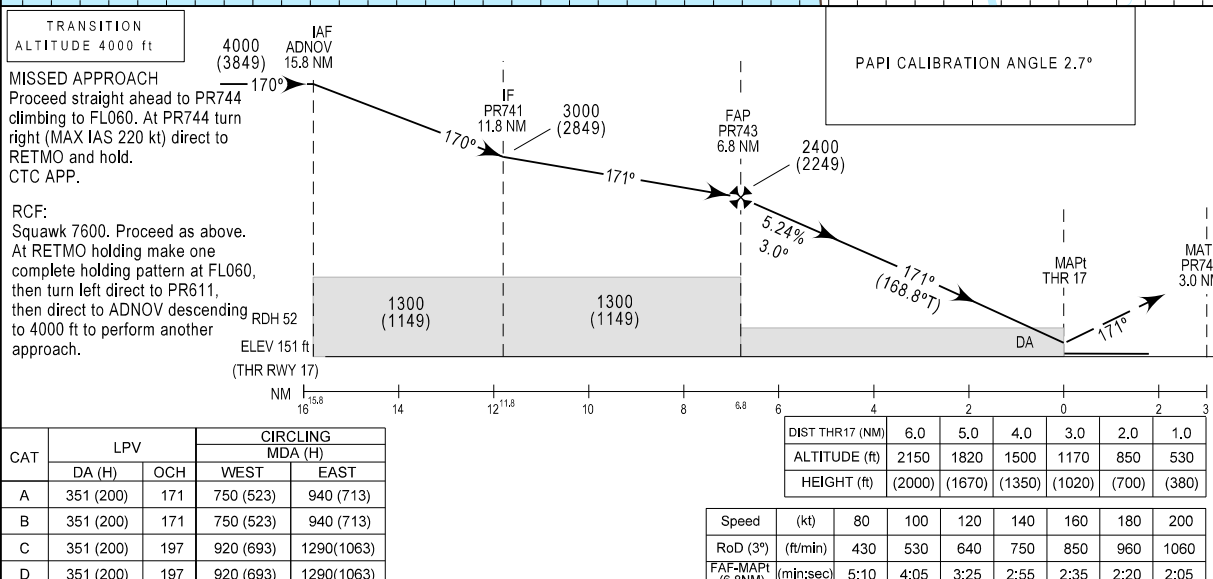
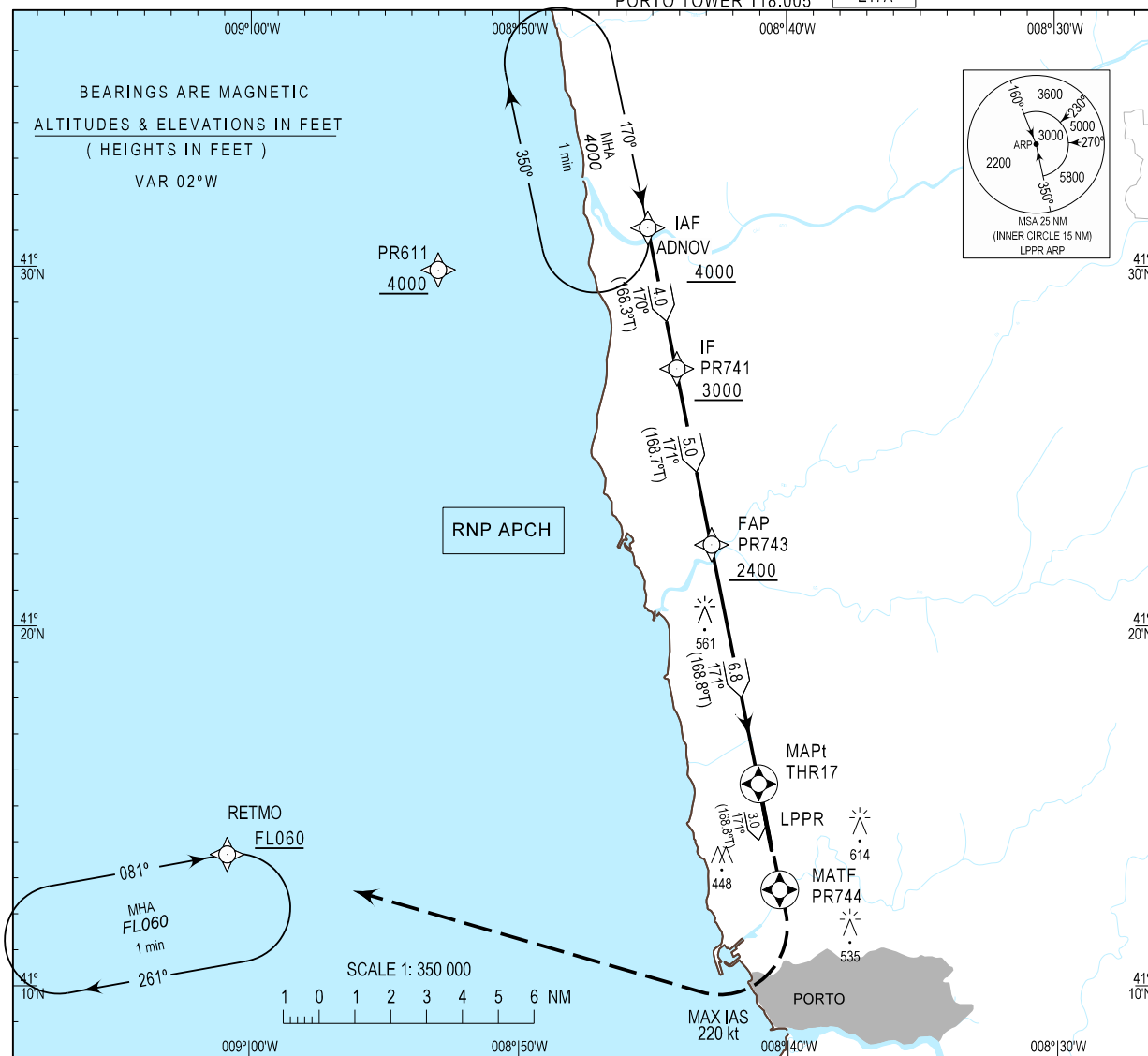
AD ELEV 227 ft
HEIGHTS RELATED
THR RWY 17 - ELEV 151 ft

PORTO, Francisco Sá Carneiro (LPPR)

PORTO INFORMATION 124.305
PORTO APPROACH 120.910
PORTO TOWER 118.005

EGNOS
CH 79684
E17A

RNP Z (LPV ONLY)
RWY 17



FAS DATA BLOCK HLDG table inserted. Table ident. and RCF corrected

Instrument Approach Procedure Coding Table											
LPPR RNP Z RWY17											
Path Terminator	Waypoint				Course/Track MAG (True)	Dist NM	Turn Direction	Upper limit [ft]	Speed (kt)	VPA [°]/TCH [ft]	Navigation Specification
	Identifier	Type	Flyover	Coordinates				Lower limit [ft]			
IF	ADNOV	IAF	N	413105.68N	-	-	-	-	-	-	RNP APCH
				0084511.39W	-			4000			
TF	PR741	IF	N	412710.81N	170	4.0	-	-	-	-	RNP APCH
				0084406.58W	(168.3)			3000			
TF	PR743	FAF/FAP	N	412217.25N	171	5.0	-	-	-	-	RNP APCH
				0084249.21W	(168.7)			2400			
TF	THR17	MAPt	Y	411538.45N	171	6.8	-	-	-	-3.00° / 52	RNP APCH
				0084104.42W	(168.8)			-			
TF	PR744	MATF	Y	411241.72N	171	3.0	-	-	220	-	RNP APCH
				0084018.01W	(168.8)			-			
DF	RETMO	-	N	411340.07N	-	-	R	-	-	-	RNP APCH
				0090049.71W	-			FL060			

Instrument Approach Procedure Coding Table											
LPPR RNP Z RWY17 RCF											
Path Terminator	Waypoint				Course/Track MAG (True)	Dist NM	Turn Direction	Upper limit [ft]	Speed (kt)	VPA [°]/TCH [ft]	Navigation Specification
	Identifier	Type	Flyover	Coordinates				Lower limit [ft]			
IF	RETMO	-	N	411340.07N	-	-	-	-	-	-	RNP APCH
				0090049.71W	-			FL060			
TF	PR611	-	N	412955.61N	022	17.3	-	-	-	-	RNP APCH
				0085301.40W	(019.8)			4000			
IF	ADNOV	IAF	N	413105.68N	081	6.0	-	-	-	-	RNP APCH
				0084511.39W	(078.7)			4000			

Instrument Approach Procedure Coding Table											
LPPR RNP Z RWY17 (HLDG RETMO)											
Path Terminator	Waypoint				Course/Track MAG (True)	TIME [min]	Turn Direction	Upper limit [ft]	Speed	VPA [°]/TCH [ft]	Navigation Specification
	Identifier	Type	Flyover	Coordinates				Lower limit [ft]			
HM	RETMO	-	Yes	411340.1N	081	1.0	Right	FL140	230 kt	-	RNP APCH
				0090049.7W	(078.7)			FL060			

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LPPR
Runway	17
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	Z
Reference Path Data Selector	0
Reference Path Identifier	E17A
LTP/FTP Latitude	411538.4460N
LTP/FTP Longitude	0084104.4205W
LTP/FTP Ellipsoidal Height (metres)	100.9
FPAP Latitude	411357.1935N
Delta FPAP Latitude (seconds)	-101.2525
FPAP Longitude	0084037.8715W
Delta FPAP Longitude (seconds)	26.5490
Threshold Crossing Height	52.0
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)	35.0

Output data

Data Block	10 12 10 10 0C 11 D0 00 01 37 31 05 9C 08 B5 11 B7 E2 45 FC F1 17 F7 E8 FC 6A CF 00 08 02 2C 01 64 00 C8 AF 71 DE 24 1B
Calculated CRC Value	71DE241B

Required Additional Data

ICAO Code	LP
LTP/FTP Orthometric Height (metres)	46.0