

INSTRUMENT
APPROACH
CHART - ICAO

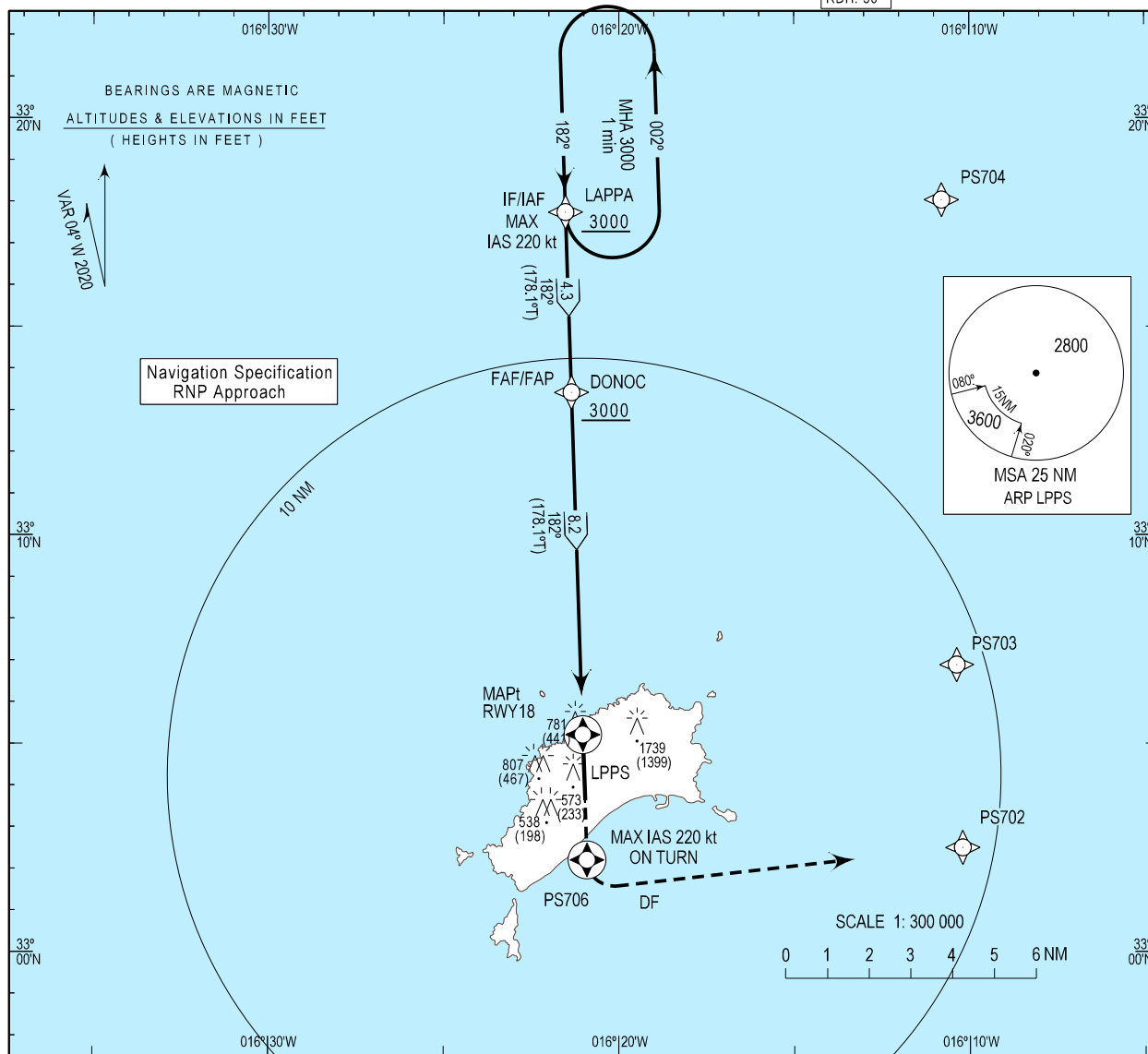
AD ELEV 340 ft
HEIGHTS RELATED
THR RWY 18 - ELEV 340 ft

MADEIRA APPROACH 119.605
PORTO SANTO TOWER 120.055

EGNOS
CH 52356
E18A
RDH: 50

PORTO SANTO (LPPS)

RNP
RWY 18



BARO-VNAV

minimum temperature: 7.5°C

MISSED APPROACH:
Climb to 3000 ft AMSL, proceed
via PS706, PS702 and
CTC Madeira APP.

RCF:
Squawk 7600, climb to
3000 ft AMSL, proceed via PS706,
PS702, PS703, PS704 to IAF18
LAPPA and then perform another
RNP APCH procedure

PAPI 5.2%

3000

IF/IAF
LAPPA
12.5 NM

FAF/FAP
DONOC
8.2 NM

TRANSITION
ALTITUDE 5000 ft

MAPt

(3.0°)

5.2%

182°

1470
(1130)

807
(467)

929
(589)

ELEV 340 ft

(THR RWY 18)

15 12 9 6 3 0 3 NM

CAT	LPV		LNAV / VNAV		LNAV		CIRCLING (RWY 18/36)		Distance	NM	8.2	8	7	6	5	4	3	2	1
	DA(H)	OCH	DA(H)	OCH	MDA(H)	OCH	EAST	WEST											
A	1330 (990)	985	1260 (920)	916	1660 (1320)	1312		1660 (1320)	Altitude	ft	3001	2937	2619	2301	1982	1664	1345	1027	708
B	1330 (990)	985	1260 (920)	916	1660 (1320)	1312	NOT AUTHORIZED	1660 (1320)	Speed	kt	80	100	120	140	160	180	200		
C	1350 (1010)	1005	1310 (970)	963	1660 (1320)	1312		1660 (1320)	Rate of descent (5.2%)	ft / min	420	525	630	735	840	945	1050		
D	1350 (1010)	1005	1310 (970)	963	1660 (1320)	1312		1660 (1320)											

Instrument Approach Procedure Coding Table
LPPS RNP RWY18

Path Terminator	Waypoint					Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Type	Flyover	Coordinates					Level	Speed		
IF	LAPPA	IAF		331744.8N	0162131.4W				+3000FT	220KT	RNP APCH	-
TF	DONOC	FAF/FAP		331325.5N	0162121.1W	182 (178.1)	4.30		+3000FT		RNP APCH	-
TF	RW18	MAPt	Y	330512.9N	0162101.7W	182 (178.1)	8.20				RNP APCH	-
CF	PS706		Y	330212.7N	0162054.6W	182 (178.1)	2.99		@3000FT	220KT	RNP APCH	-
DF	PS702			330230.2N	0161012.4W	092 (088.2)	9.01	L	@3000FT		RNP APCH	-

FAS data block
Input Data

Operation Type	[0] Straight-in/Offset approach
SBAS Provider	[1] EGNOS
Airport Identifier	LPPS
Runway	18
Runway Direction	[0] None
Approach Performance Designator	[0] APV
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E18A
LTP/FTP Latitude	330512.9385N
LTP/FTP Longitude	0162101.7170W
LTP/FTP Ellipsoidal Height (metres)	151.8 m
FPAP Latitude	330335.5625N
Delta FPAP Latitude	-97.3760 seconds
FPAP Longitude	0162057.8870W
Delta FPAP Longitude	3.8300 seconds
Threshold Crossing Height	50 ft
Glidepath Angle (degrees)	3 °
Course Width (metres)	105 m
Length Offset (metres)	0 m
HAL (metres)	40 m
VAL (metres)	50 m

Output data

Data block	10 13 10 10 0C 12 00 00 01 38 31 05 D5 09 33 0E D6 AE FB F8 EE 19 40 07 FD EC 1D 00 F4 01 2C 01 64 00 C8 FA C2 DE F6 83
CRC Value	C2DEF683

Required Additional Data

ICAO Code	LP
LTP/FTP Orthometric Height	103.57 m
FPAP Orthometric Height	72.97 m