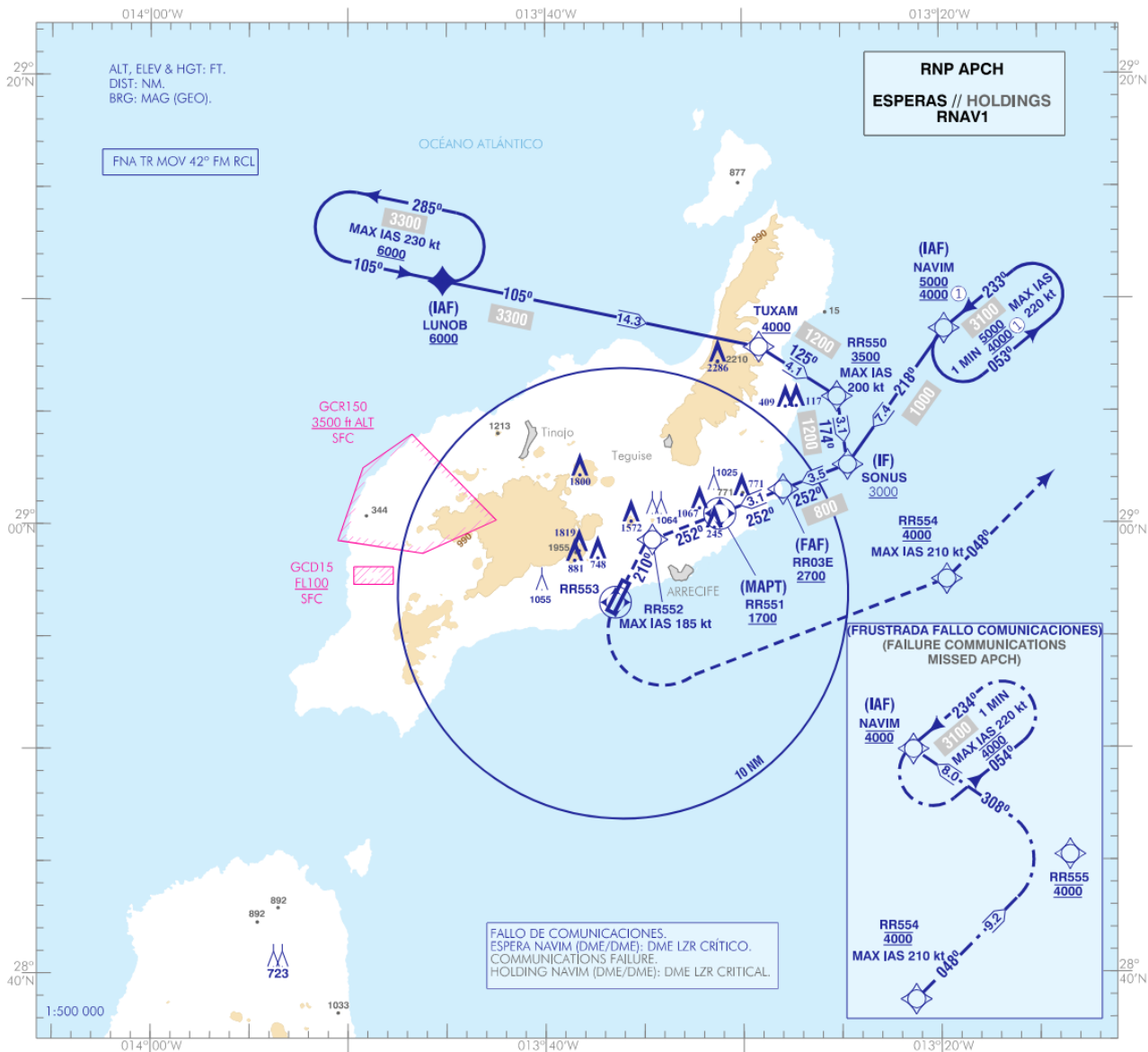


CARTA DE APROXIMACIÓN
POR INSTRUMENTOS-OACI

ELEV AD
48 ft
VAR 3°W (2025)

APP 129.300 MHz
TWR 120.700 MHz
GMC 121.800 MHz
ATIS 118.625 MHz

LANZAROTE/César Manrique Lanzarote
RNP A



AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

RNP A

WAYPOINTS COORDINATES

WPT	COORD
LUNOB (IAF)	291048.0N 0134512.0W
NAVIM (IAF)	290839.6N 0131946.4W
RR03E (FAF)	290121.3N 01328 24.3W
RR550	290538.7N 0132512.6W
RR551 (MAPT)	290014.5N 0133142.4W
RR552	285909.9N 0133454.0W
RR553	285629.1N 01336272W
RR554	285731.0N 0131940.0W
RR555	290402.1N 0131214.6W
SONUS (IF)	290236.7N 0132440.6W
TUXAM	290750.8N 0132909.7W
Non-precision final approach (LNAV) - Slope (Descent angle)	–

CRITICAL DME

FACILITY (ID)	FREQ/CH	COORD
LZR DME	115.2 / 99X	290956.4346 N 0133039.5646 W

NOTES APPLICABLE TO ALL APPROACHES:

- RNP APCH.
- Speed control:
 - Unless otherwise instructed by ATC, cross:
 - IAS 220 kt sobre IAF LUNOB, NAVIM;
 - IAS 200 kt sobre RR550, IF SONUS;
 - IAS 170 kt sobre RR03E;
 - IAS 160 kt sobre RR551.
 - If unable to comply, advise ATC on first contact.

DESCRIPCIÓN TABULAR DEL PROCEDIMIENTO PROCEDURE TABULAR DESCRIPTION

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
LUNOB (IAF)											
001	IF	LUNOB	–	–	+2.8	–	–	+6000	–	–	RNP APCH
002	TF	TUXAM	–	105 (101.8)	+2.8	14.3	–	+4000	–	–	RNP APCH
003	TF	RR550	–	125 (122.4)	+2.8	4.1	–	+3500	-200	–	RNP APCH
004	TF	SONUS	–	174 (171.2)	+2.8	3.1	–	+3000	–	–	RNP APCH

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
005	TF	RR03E	–	252 (249.0)	+2.8	3.5	–	+2700	–	–	RNP APCH
006	TF	RR551	Y	252 (249.0)	+2.8	3.1	–	+1700	–	–	RNP APCH
007	CF	RR552	–	252 (249.0)	+2.8	–	–	–	-185	–	RNP APCH
008	CF	RR553	Y	210 (207.0)	+2.8	–	–	–	–	–	RNP APCH
009	DF	RR554	–	–	+2.8	–	L	@4000	-210	–	RNP APCH
010	FM	RR554	–	048 (045.0)	+2.8	–	–	@4000	–	–	RNP APCH

MISSED APCH COMMUNICATIONS FAILURE

007	CF	RR552	–	252 (249.0)	+2.8	–	–	–	-185	–	RNP APCH
008	CF	RR553	Y	210 (207.0)	+2.8	–	–	–	–	–	RNP APCH
009	DF	RR554	–	–	+2.8	–	L	@4000	-210	–	RNP APCH
010	TF	RR555	–	048 (045.0)	+2.8	9.2	–	@4000	–	–	RNP APCH
011	TF	NAVIM	–	308 (305.0)	+2.8	8.0	–	@4000	–	–	RNP APCH

NAVIM (IAF)

001	IF	NAVIM	–	–	+2.8	–	–	+5000 (1)	–	–	RNP APCH
002	TF	SONUS	–	218 (215.5)	+2.8	7.4	–	+3000	–	–	RNP APCH
003	TF	RR03E	–	252 (249.0)	+2.8	3.5	–	+2700	–	–	RNP APCH
004	TF	RR551	Y	252 (249.0)	+2.8	3.1	–	+1700	–	–	RNP APCH
005	CF	RR552	-	252 (249.0)	+2.8	–	–	–	-185	–	RNP APCH
006	CF	RR553	Y	210 (207.0)	+2.8	–	–	–	–	–	RNP APCH
007	DF	RR554	–	–	+2.8	–	L	@4000	-210	–	RNP APCH
008	FM	RR554	–	048 (045.0)	+2.8	–	–	@4000	–	–	RNP APCH

MISSED APCH COMMUNICATIONS FAILURE

005	CF	RR552	–	252 (249.0)	+2.8	–	–	–	-185	–	RNP APCH
006	CF	RR553	Y	210 (207.0)	+2.8	–	–	–	–	–	RNP APCH
007	DF	RR554	–	–	+2.8	–	L	@4000	-210	–	RNP APCH
008	TF	RR555	–	048 (045.0)	+2.8	9.2	–	@4000	–	–	RNP APCH
009	TF	NAVIM	–	308 (305.0)	+2.8	8.0	–	@4000	–	–	RNP APCH

CIRCUITOS DE ESPERA // HOLDING PATTERN

Path terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	LUNOB	–	105 (101.8)	+2.8	4.3	L	6000	–	-230	RNAV1
HM	NAVIM	–	233 (230.7)	+2.8	4.0	L	5000 (1)	–	-220	RNAV1
(1) +4000 with ATC clearance and missed APCH.										