

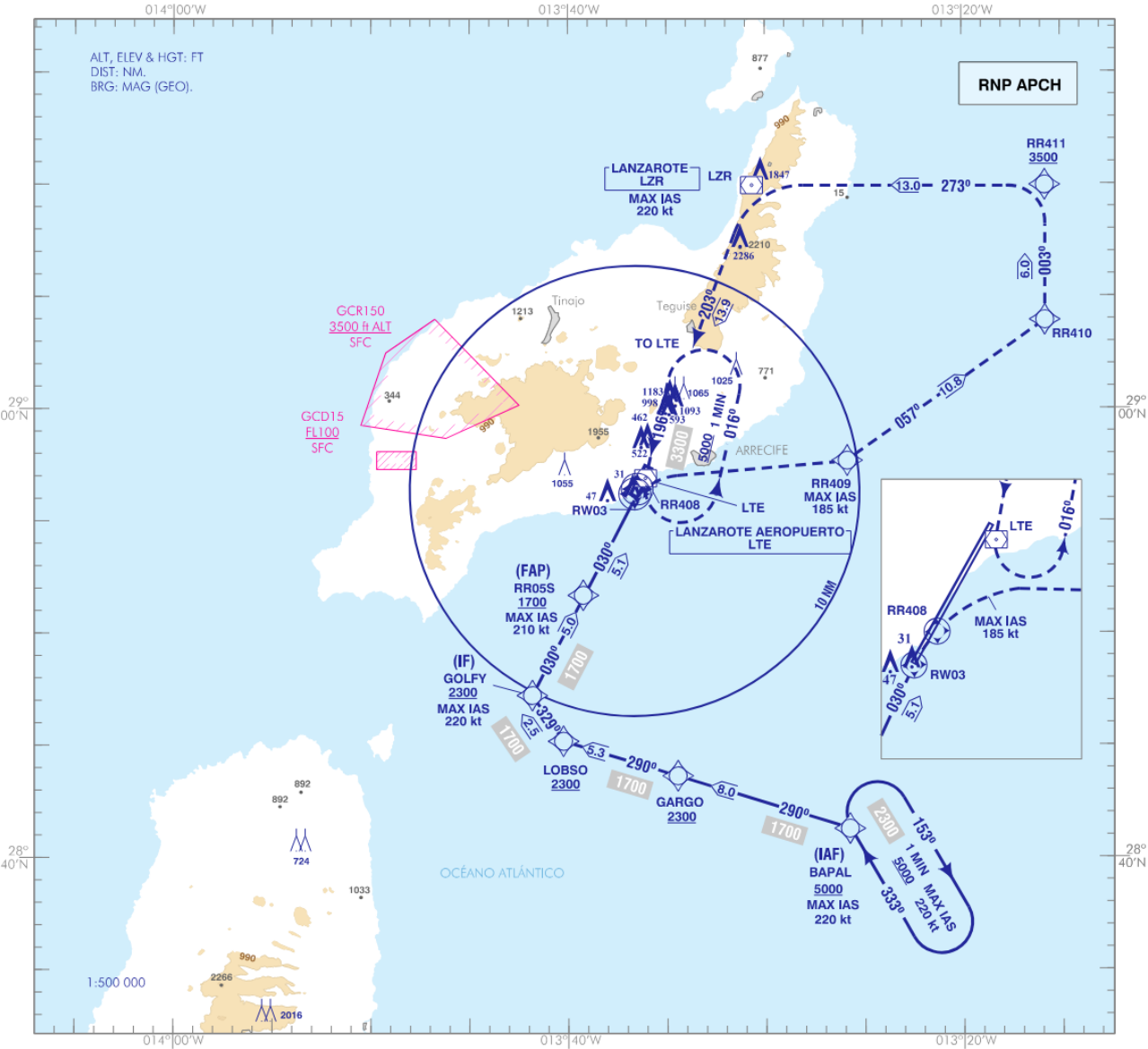
CARTA DE APROXIMACIÓN
POR INSTRUMENTOS-OACI

EGNOS
CH 62372
E03A

ELEV AD
48 ft
VAR 3°W (2025)

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

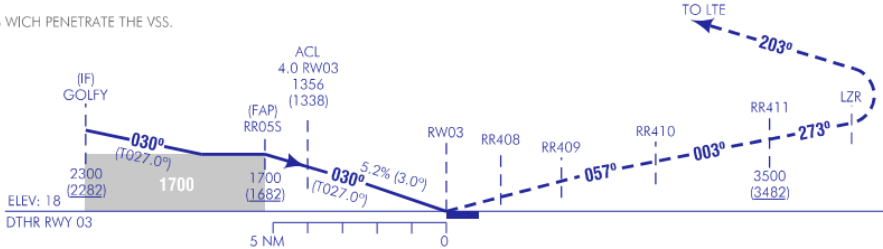
LANZAROTE/César Manrique Lanzarote
RNP Z
RWY 03 (LPV ONLY)



FRUSTRADA: DIRECTO A RR408. VIRAR A LA DERECHA (IAS MAX 185 kt) A RR409. VIRAR A LA IZQUIERDA HASTA RR410. VIRAR A LA IZQUIERDA HASTA RR411 A 3500 O SUPERIOR. VIRAR A LA IZQUIERDA (IAS MAX 220 kt) HASTA LZR. VIRAR A LA IZQUIERDA HASTA LTE, SUBIENDO A 5000 PARA INTEGRARSE A LA ESPERA. NOTA: A PARTIR DE 2000 ESPERAR POSIBLES INSTRUCCIONES ATC.

MISSED APCH: DIRECT TO RR408. TURN RIGHT (MAX IAS 185 kt) TO RR409. TURN LEFT UP TO RR410. TURN LEFT UP TO RR411 AT 3500 OR ABOVE. TURN LEFT (MAX IAS 220 kt) UP TO LZR. TURN LEFT UP TO LTE CLIMBING TO 5000 TO JOIN THE HOLDING. NOTE: FROM 2000 WAIT FOR POSSIBLE ATC INSTRUCTIONS.

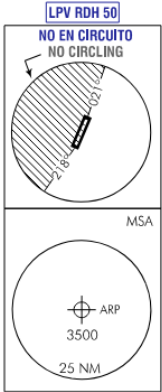
NOTAS:
- VER OBSTÁCULOS QUE VULNERAN LAS VSS.
NOTES:
- SEE OBSTACLES WICH PENETRATE THE VSS.



HGT REF ELEV DTHR RWY 03

OCA/H			A	B	C	D
STA	LPV	2.5%	469 (451)	481 (463)	489 (471)	500 (482)
En circuito (H) sobre Circling (H) over 48			1000 (960)	1600 (1560)		

GS	kt	80	100	120	140	160	180					
FAP-THR: 5.1 NM	min:s	3:47	3:02	2:32	2:10	1:54	1:41					
FAP-MAPT:	min:s											
ROD: 5.2%	ft/min	425	531	637	743	849	955					
ALT/HGT RWY03 FNA												
13	12	11	10	9	8	7	6	5	4	3	2	1
								1690 (1670)	1360 (1340)	1040 (1020)	710 (690)	



MOCA, AD AND DTHR ELEVATION, CONTROLLING OBSTACLES, RENUMBERING, HOLDING OUTBOUND TIME, RDH,
SEGMENT CARGO-LOBSO COURSE CORRECTION, NO CIRCLING.

CHANGES

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

RNP Z RWY 03 (LPV ONLY)

WAYPOINTS COORDINATES

WPT	COORD
BAPAL (IAF)	284116.5N 0132545.4W
GARGO	284337.7N 0133427.4W
LOBSO	284510.5N 0134015.0W
GOLFY (IF)	284712.9N 0134149.1W
RR05S (FAP)	285140.6N 0133914.3W
RW03 (LTPP)	285611.6N 0133637.4W
RR408	285624.7N 0133629.8W
RR409	285740.4N 0132551.1W
RR410	290356.0N 0131548.4W
RR411	290956.9N 0131547.6W
LZR	290957.6N 0133038.6W
LTE	285653.5N 0133604.8W
Precision final approach (APV SBAS) - Slope (Descent angle)	5.24% (3.00°)

NOTES APPLICABLE TO ALL APPROACHES:

- RNP APCH.
- Speed control:
 - Unless otherwise instructed by ATC, cross:
 - IAS 220 kt over IAF BAPAL, GARGO;
 - IAS 210 kt over IAF LOBSO;
 - IAS 190 kt at 9.0 NM from RWY 03;
 - IAS 160 kt at 4.0 NM from RWY 03.
 - If unable to comply, advise ATC on first contact.

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
BAPAL (IAF)											
001	IF	BAPAL	-	-	+2.8	-	-	+5000	-220	-	RNP APCH
002	TF	GARGO	-	290 (287.1)	+2.8	8.0	-	+2300	-	-	RNP APCH
003	TF	LOBSO	-	290 (286.9)	+2.8	5.3	-	+2300	-	-	RNP APCH
004	TF	GOLFY	-	329 (325.9)	+2.8	2.5	-	+2300	-220	-	RNP APCH
005	TF	RR05S	-	030 (027.0)	+2.8	5.0	-	+1700	-210	-	RNP APCH
006	TF	RW03	Y	030 (027.0)	+2.8	5.1	-	+69	-	3.00/50	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
007	DF	RR408	Y	-	+2.8	-	-	-	-	-	RNP APCH
008	DF	RR409	-	-	+2.8	-	-	-	-185	-	RNP APCH
009	TF	RR410	-	057 (054.6)	+2.8	10.8	-	-	-	-	RNP APCH
010	TF	RR411	-	003 (000.1)	+2.8	6.0	-	+3500	-	-	RNP APCH
011	TF	LZR	-	273 (270.1)	+2.8	13.0	L	-	-220	-	RNP APCH
012	TF	LTE	-	203 (200.1)	+2.8	13.9	-	+5000	-	-	RNP APCH

HOLDING PATTERN

Path terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)e	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	BAPAL	-	333 (329.8)	+2.8	4.0	R	+5000	-	-220	RNP APCH
HM	LTE	-	196 (193.0)	+2.8	4.6	L	+5000	-	-	RNP APCH

SBAS LPV FAS DATA BLOCK

FAS DATA BLOCK		
1	OPERATION MODE	00
2	SERVICE PROVIDER IDENTIFIER	01
3	AIRPORT IDENTIFIER	GCRR
4	RUNWAY	03
5	RUNWAY LETTER	0
6	APPROACH PERFORMANCE DESIGNATOR	0*
7	ROUTE INDICATOR	Z
8	REFERENCE PATH DATA SELECTOR (RPDS)	00
9	REFERENCE PATH IDENTIFIER	E03A**
10	LANDING THRESHOLD POINT (LTP) – LATITUDE	285611.5770N
11	LANDING THRESHOLD POINT (LTP) – LONGITUDE	0133637.4080W
12	LTP HEIGHT ABOVE ELLIPSOID (HAE)	+00506 (0050.6 m)
13	FLIGHT PATH ALIGNMENT POINT (FPAP) – LATITUDE	285718.4190N
14	FLIGHT PATH ALIGNMENT POINT (FPAP) – LONGITUDE	0133558.6560W
15	THRESHOLD CROSSING HEIGHT (TCH)	00050.0
16	TCH UNIT SELECTOR	0
17	GLIDE PATH ANGLE	03.00
18	COURSE WIDTH AT THRESHOLD	105.00
19	LENGTH OFFSET	0000
20	HORIZONTAL ALERT LIMIT (HAL)	40.0
21	VERTICAL ALERT LIMIT (VAL)	50.0
22	PRECISION APPROACH PATH POINT CRC REMINDER	6BA84ED8
NON - FAS DATA BLOCK		
23	ICAO CODE	GC
24	LTP ORTHOMETRIC HEIGHT	+00056 (5.6 m)
NOTAS // NOTES:		
*: LPV.		
**: “E” refers to EGNOS.		