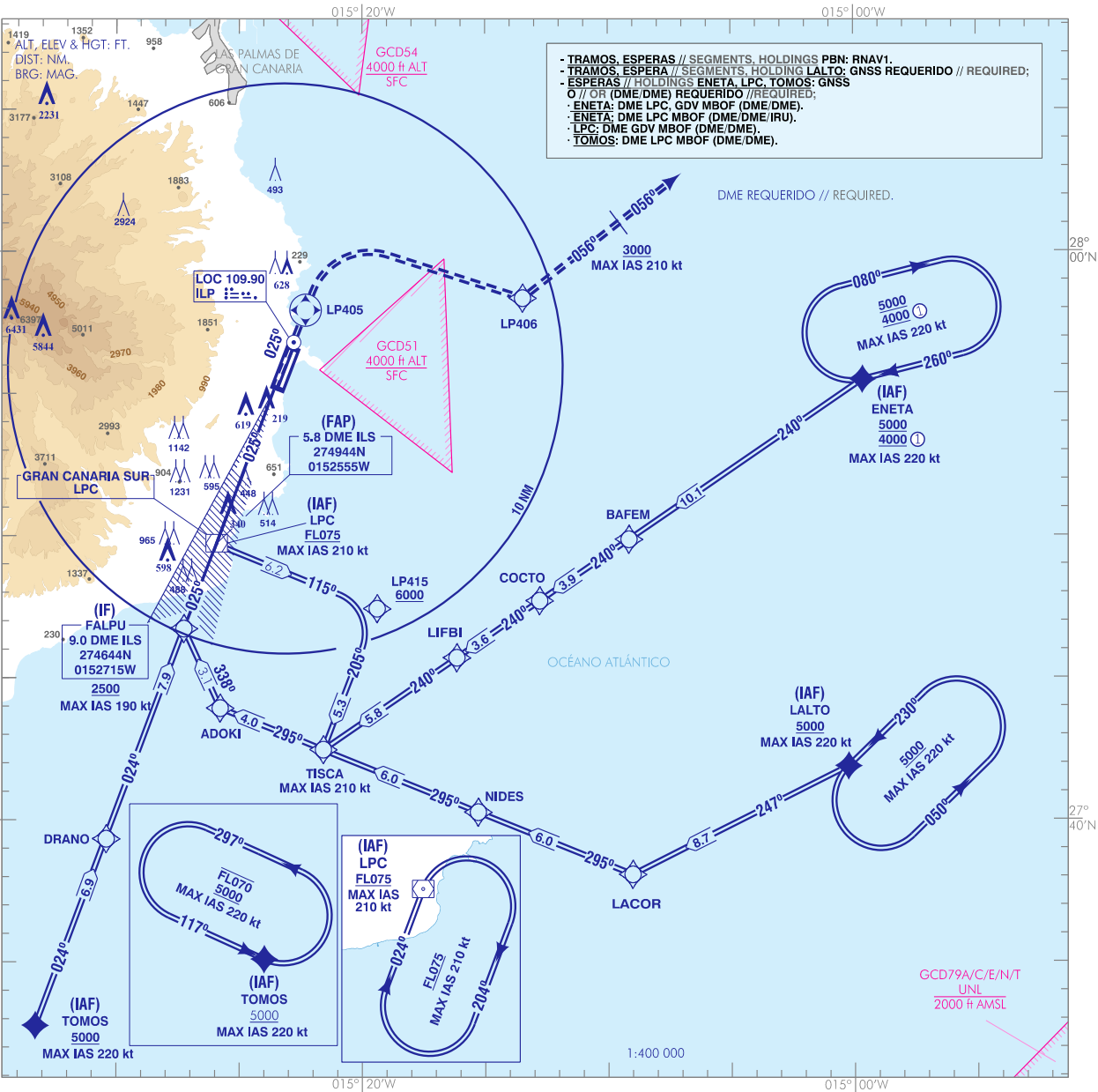


CARTA DE APROXIMACIÓN
POR INSTRUMENTOS-OACI

ELEV AD
77 ft
VAR 3°W (2025)

APP 124.300 MHz
TWR 118.300 MHz
GMC 121.700 MHz
ATIS 118.600 MHz

GRAN CANARIA
ILS Z
RWY 03L



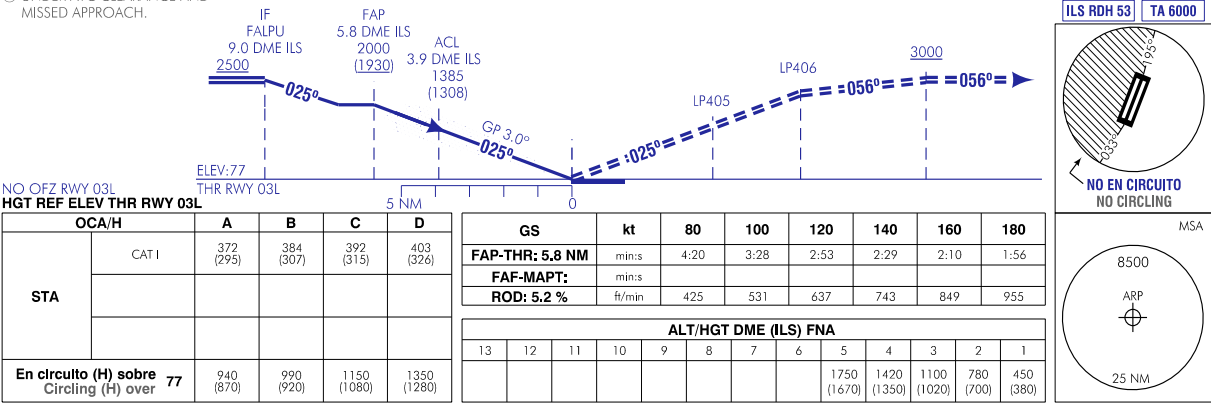
FRUSTRADA: SUBIR EN CURSO MAGNÉTICO 025° HASTA LP405. VIRAR A LA DERECHA DIRECTO A LP406. SEGUIR EN CURSO MAGNÉTICO 056° (IAS MAX 210 kt) HASTA ALCANZAR 3000. MANTENER 3000 Y ESPERAR INSTRUCCIONES RADAR.

FRUSTRADA FALLO DE COMUNICACIONES: SUBIR EN CURSO MAGNÉTICO 025° HASTA LP405. VIRAR A LA DERECHA DIRECTO A LP406. A SUFEM (IAS MAX 210 kt) A 3000. VIRAR A LA DERECHA A NINGU. A ENETA (IAS MAX 220 kt) ASCENDIENDO A 4000 PARA INTEGRARSE A LA ESPERA.

MISSED APCH: CLIMB ON MAGNETIC COURSE 025° UP TO LP405. TURN RIGHT DIRECT TO LP406. FOLLOW ON MAGNETIC COURSE 056° (MAX IAS 210 kt) TO REACH 3000. MAINTAIN 3000 AND WAIT FOR RADAR INSTRUCTIONS.

MISSED APCH COMMUNICATIONS FAILURE: CLIMB ON MAGNETIC COURSE 025° UP TO LP405. TURN RIGHT DIRECT TO LP406. TO SUFEM (MAX IAS 210 kt) TO 3000. TURN RIGHT TO NINGU. TO ENETA (MAX IAS 220 kt) CLIMBING TO 4000 TO JOIN THE HOLDING.

NOTAS:
① BAJO AUTORIZACIÓN ATC Y FRUSTRADA.
NOTES:
① UNDER ATC CLEARANCE AND MISSED APPROACH.



RENUMBERING, PBN BOX UPDATE.

CHANGES:

INSTRUMENT APPROACH PROCEDURES
ILS Z RWY 03L

WAYPOINTS COORDINATES

WPT	COORD
ADOKI	274355.9N 0152546.4W
BAFEM	274951.6N 0150909.0W
COCTO	274742.2N 0151247.0W
DRANO	273920.4N 0153024.4W
ENETA (IAF)	275529.6N 0145938.4W
FALPU (IF)	274643.8N 0152714.9W
NINGU	275912.9N 0150310.6W
LACOR	273803.7N 0150900.1W
LALTO (IAF)	274153.2N 0150014.3W
LIFBI	274542.0N 0151609.1W
LP405	275755.9N 0152218.2W
LP406	275821.0N 0151328.1W
LP415	274725.7N 0151923.5W
LPC (IAF)	274942.7N 0152556.1W
NIDES	274016.0N 0151517.2W
SUFEM	280255.9N 0150642.7W
TISCA	274228.1N 0152134.7W
TOMOS (IAF)	273251.0N 0153311.7W

POINT	LAT	LONG	TRUE BEARING	DME DISTANCE (NM)
IF	274643.8N	0152714.9W	201.44° (LOC ILP)	9.00 DME ILS
FAP	274944.2N	0152555.4W	201.44° (LOC ILP)	5.78 DME ILS
Precision final approach - Slope (Descent angle)				5.24% (3.00°)

CRITICAL DME

FACILITY (ID)	FREQ/CH	COORD
GRAN CANARIA (GDV)	112.90 MHz CH 76X	280437.6297N 0152542.8144W
GRAN CANARIA SUR (LPC)	115.00 MHz CH 97X	274943.2149N 0152555.9428W

NOTES APPLICABLE TO ALL APPROACHES:

- Initial segments, missed apch and holdings: RNAV1.
- GNSS required.
- Subject to GCD51 activity
- Speed control:
 - a. MAX IAS 250 kt to FL100 or below, except military flights on operational or air defence missions or when the operational characteristics do not allow for it.
 - b. If any different instructions are not received by ATC cross:
 - TOMOS, ENETA, BAFEM and LALTO at 220 kt,
 - LPC at 210 kt,TISCA at 210 kt,

- 9.0 DME ILS at IAS 190 kt, and
 - 4.0 DME ILS at IAS 160 kt.
- c. In the event of being unable to comply with it (b), notify it to ATC at the first communication.

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)	Navigation specification	
ENETA (IAF)												
001	IF	ENETA		-		-		+3.5		-	+5000 (1)	-220 - RNAV1
002	TF	BAFEM		-		240 (236.3)		+3.5	10.1	-	-	- RNAV1
003	TF	COCTO		-		240 (236.3)		+3.5	3.9	-	-	- RNAV1
004	TF	LIFBI		-		240 (236.2)		+3.5	3.6	-	-	- RNAV1
005	TF	TISCA		-		240 (236.2)		+3.5	5.8	-	-	-210 - RNAV1
006	TF	ADOKI		-		295 (291.4)		+3.5	4.0	-	-	- RNAV1
007	TF	FALPU		-		338 (334.9)		+3.5	3.1	-	+2500	-190 - RNAV1
MISSED APCH												
001	CF	LP405		Y		025 (021.4)		+3.5		-	-	- RNAV1
002	DF	LP406		-		-		+3.5		R	-	- RNAV1
003	CA	-		-		056 (052.6)		+3.5		-	+3000	-210 - RNAV1
004	VM	-		-		056 (052.6)		+3.5		-	@3000	- RNAV1
MISSED APCH COMMUNICATIONS FAILURE												
001	CF	LP405		Y		025 (021.4)		+3.5		-	-	- RNAV1
002	DF	LP406		-		-		+3.5		R	-	- RNAV1
003	TF	SUFEM		-		056 (052.6)		+3.5	7.5	-	@3000	-210 - RNAV1
004	TF	NINGU		-		143 (139.8)		+3.5	4.9	-	-	- RNAV1
005	TF	ENETA		-		143 (139.8)		+3.5	4.9	-	@4000	-220 - RNAV1
(1) Minimum altitude 4000 ft under ATC clearance and missed approach.												

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)	Navigation specification	
LALTO (IAF)												
001	IF	LALTO		-		-		+3.5		-	+5000	-220 - RNAV1
002	TF	LACOR		-		247 (243.9)		+3.5	8.7	-	-	- RNAV1
003	TF	NIDES		-		295 (291.5)		+3.5	6.0	-	-	- RNAV1
004	TF	TISCA		-		295 (291.5)		+3.5	6.0	-	-	-210 - RNAV1
005	TF	ADOKI		-		295 (291.4)		+3.5	4.0	-	-	- RNAV1
006	TF	FALPU		-		338 (334.9)		+3.5	3.1	-	+2500	-190 - RNAV1
MISSED APCH												
001	CF	LP405		Y		025 (021.4)		+3.5		-	-	- RNAV1
002	DF	LP406		-		-		+3.5		R	-	- RNAV1
003	CA	-		-		056 (052.6)		+3.5		-	+3000	-210 - RNAV1
004	VM	-		-		056 (052.6)		+3.5		-	@3000	- RNAV1
MISSED APCH COMMUNICATIONS FAILURE												
001	CF	LP405		Y		025 (021.4)		+3.5		-	-	- RNAV1
002	DF	LP406		-		-		+3.5		R	-	- RNAV1
003	TF	SUFEM		-		056 (052.6)		+3.5	7.5	-	@3000	-210 - RNAV1
004	TF	NINGU		-		143 (139.8)		+3.5	4.9	-	-	- RNAV1
005	TF	ENETA		-		143 (139.8)		+3.5	4.9	-	@4000	-220 - RNAV1

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)	Navigation specification	
TOMOS (IAF)												
001		IF		TOMOS	-				+3.5		-	- +5000 -220 - RNAV1
002		TF		DRANO	-		024 (020.9)		+3.5		6.9	- - - - RNAV1
003		TF		FALPU	-		024 (020.8)		+3.5		7.9	- +2500 -190 - RNAV1
MISSED APCH												
001		CF		LP405	Y		025 (021.4)		+3.5		-	- - - - RNAV1
002		DF		LP406	-		-		+3.5		-	R - - - RNAV1
003		CA		-	-		056 (052.6)		+3.5		-	- +3000 -210 - RNAV1
004		VM		-	-		056 (052.6)		+3.5		-	- @3000 - - RNAV1
MISSED APCH COMMUNICATIONS FAILURE												
001		CF		LP405	Y		025 (021.4)		+3.5		-	- - - - RNAV1
002		DF		LP406	-		-		+3.5		-	R - - - RNAV1
003		TF		SUFEM	-		056 (052.6)		+3.5		7.5	- @3000 -210 - RNAV1
004		TF		NINGU	-		143 (139.8)		+3.5		4.9	- - - - RNAV1
005		TF		ENETA	-		143 (139.8)		+3.5		4.9	- @4000 -220 - RNAV1

HOLDING PATTERN

Path terminator	Waypoint identifier	Course/Track °M (°T)	Magnetic variation	Distance/ Outbound time	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	ENETA (1)(2)	260 (256.4)	+3.5	1	R	5000 (3)	-	-220	RNAV1
HM	LALTO (4)	230 (226.4)	+3.5	1	L	5000	-	-220	RNAV1
HM	LPC (1)(5)	024 (020.9)	+3.5	1	R	FL075	-	-210	RNAV1
HM	TOMOS (1)(6)	117 (114.0)	+3.5	1	L	5000	FL070	-220	RNAV1
(1) GNSS or (DME/DME) or (DME/DME/IRU) required; (2) - DME LPC, GDV must be operational for (DME/DME). - DME LPC must be operational for (DME/DME/IRU). (3) Minimum altitude 4000 ft under ATC clearance and missed approach. (4) GNSS required. (5) - DME GDV must be operational for (DME/DME). (6) - DME LPC must be operational for (DME/DME)									