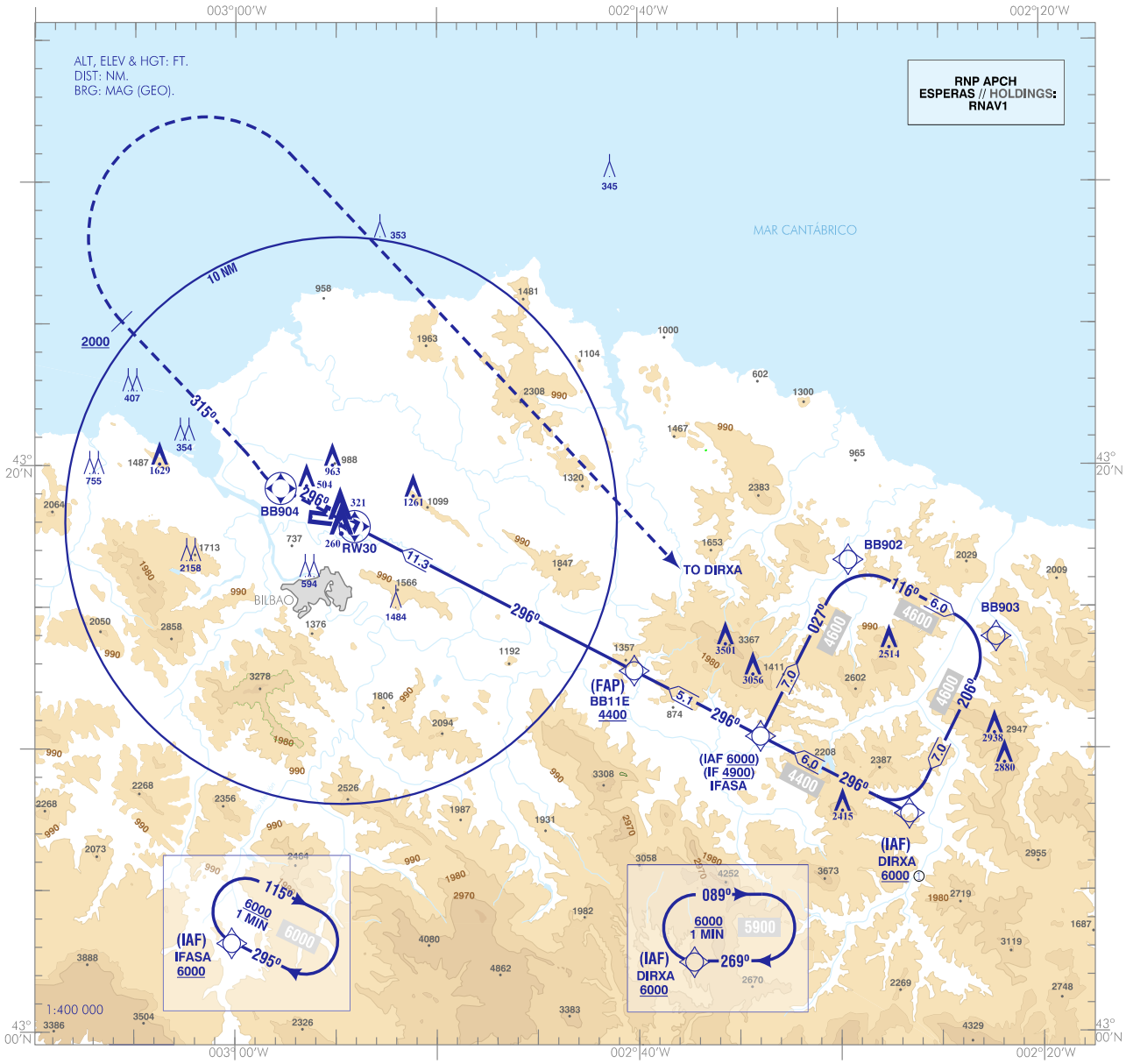
CARTA DE APROXIMACIÓN
POR INSTRUMENTOS-OACI

EGNOS
CH 57706
E30A

ELEV AD
136 ft
VAR 1°E (2025)

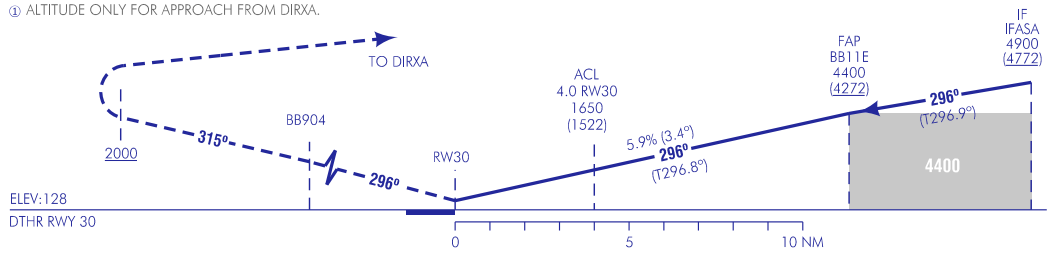
APP	127.450 MHz
TWR	118.500 MHz
GMC	121.705 C
ATIS	118.830 C

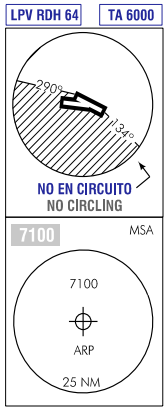
BILBAO
RNP Z
RWY 30 (LPV ONLY)



FRUSTRADA: SUBIR EN CURSO MAGNÉTICO 296° HASTA BB904, ASCENSO EN CURSO MAGNÉTICO 315° A 2000 O SUPERIOR, VIRAR A LA DERECHA DIRECTO A DIRXA A 6000 O SUPERIOR E INCORPORARSE A LA ESPERA.
MISSED APCH: CLIMB ON MAGNETIC COURSE 296° TO BB904, CLIMB ON MAGNETIC COURSE 315° AT 2000 OR ABOVE, TURN RIGHT DIRECT TO DIRXA AT 6000 OR ABOVE AND JOIN THE HOLDING.

NOTAS:
① ALTITUD SOLO PARA APROXIMACIÓN DESDE DIRXA.
NOTES:
① ALTITUDE ONLY FOR APPROACH FROM DIRXA.





NO OFZ RWY 30

HGT REF ELEV DTHR RWY 30

OCA/H			A	B	C	D
STA	LPV (CAT I)	2.5%	518 (390)	528 (400)	538 (410)	629 (501)
En circuito (H) sobre Circling (H) over 136			1260 (1130)	1560 (1430)	1660 (1530)	

GS	kt	80	100	120	140	160	180
FAP-THR: 11.3 NM	min:s	8:30	6:48	5:40	4:52	4:15	3:47
FAF-MAPT:	min:s						
ROD: 5.9 %	ft/min	481	602	722	842	963	1083

ALT/HGT RW30 FNA

13	12	11	10	9	8	7	6	5	4	3	2	1
		4280 (4150)	3900 (3770)	3520 (3390)	3140 (3010)	2770 (2640)	2400 (2270)	2020 (1900)	1660 (1530)	1290 (1160)	920 (790)	

APP FREQUENCY.

CHANGES:

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

RNP Z (LPV ONLY) RWY 30

WAYPOINTS COORDINATES

WPT	COORD
BB11E (FAP)	431245.5N 0024013.4W
BB902	431639.8N 0022935.6W
BB903	431356.8N 0022216.4W
BB904	431912.5N 0025745.2W
DIRXA (IAF)	430742.5N 0022636.8W
RW30	431751.7N 0025404.9W
IFASA (IAF/IF)	431026.6N 0023358.3W
Precision final approach (SBAS Cat. I) - Slope (Descent angle)	3.40° (5.94%)

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
DIRXA (IAF)											
001	IF	DIRXA	-	-	-0.7	-	-	+6000	-	-	RNP APCH
002	TF	IFASA	-	296 (297.0)	-0.7	6.0	-	+4900	-	-	RNP APCH
003	TF	BB11E	-	296 (296.9)	-0.7	5.1	-	+4400	-	-	RNP APCH
004	TF	RW30	Y	296 (296.8)	-0.7	11.3	-	+193	-	-3.4 / 64	RNP APCH
005	CF	BB904	Y	296 (296.7)	-0.7	-	-	-	-	-	RNP APCH
006	CA	-	-	315 (315.7)	-0.7	-	-	+2000	-	-	RNP APCH
007	DF	DIRXA	-	-	-0.7	-	R	+6000	-	-	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
IFASA (IAF)											
001	IF	IFASA	-	-	-0.7	-	-	+6000	-	-	RNP APCH
002	TF	BB902	-	027 (027.2)	-0.7	7.0	-	-	-	-	RNP APCH
003	TF	BB903	-	116 (116.9)	-0.7	6.0	-	-	-	-	RNP APCH
004	TF	DIRXA	-	206 (207.0)	-0.7	7.0	-	-	-	-	RNP APCH
005	TF	IFASA	-	296 (297.0)	-0.7	6.0	-	+4900	-	-	RNP APCH
006	TF	BB11E	-	296 (296.9)	-0.7	5.1	-	+4400	-	-	RNP APCH
007	TF	RW30	Y	296 (296.8)	-0.7	11.3	-	+193	-	-3.4 / 64	RNP APCH
008	CF	BB904	Y	296 (296.7)	-0.7	-	-	-	-	-	RNP APCH
009	CA	-	-	315 (315.7)	-0.7	-	-	+2000	-	-	RNP APCH
010	DF	DIRXA	-	-	-0.7	-	R	+6000	-	-	RNP APCH

HOLDING PATTERN

Path terminator	Waypoint identifier	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	DIRXA	269 (270.0)	-0.7	4.7	R	6000	-	-	RNAV 1

Path terminator	Waypoint identifier	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	IFASA	295 (295.9)	-0.7	4.7	R	6000	-	-	RNAV 1

SBAS LPV FAS DATA BLOCK

FAS DATA BLOCK		
1	OPERATION TYPE	0
2	SBAS PROVIDER	01*
3	AIRPORT IDENTIFIER	LEBB
4	RUNWAY	30
5	APPROACH PERFORMANCE DESIGNATOR	0**
6	ROUTE INDICATOR	Z
7	REFERENCE PATH DATA SELECTOR	00
8	REFERENCE PATH IDENTIFIER	E30A***
9	LTP/FTP LATITUDE	431751.7515N
10	LTP/FTP LONGITUDE	0025404.8560W
11	LTP/FTP ELLIPSOIDAL HEIGHT (METRES)	88.6
12	FPAP LATITUDE	431822.9630N
13	FPAP LONGITUDE	0025530.0070W
14	THRESHOLD CROSSING HEIGHT	19.5
15	TCH UNITS SELECTOR	[1] M
16	GLIDEPATH ANGLE (DEGREES)	3.40
17	COURSE WIDTH (METRES)	105.0
18	LENGTH OFFSET (METRES)	8.0
19	HORIZONTAL ALERT LIMIT (HAL)	40.0
20	VERTICAL ALERT LIMIT (VAL)	35.0
21	PRECISION APPROACH PAT POINT CRC REMINDER	4DF05760
Non-FAS Data Block Fields		
22	ICAO Code	LE
23	LTP ORTHOMETRIC HEIGHT	39.1

NOTES:

*: This value “01” identifies EGNOS as service provider.

**: LPV CAT I SBAS.

***: “E” refers to EGNOS.