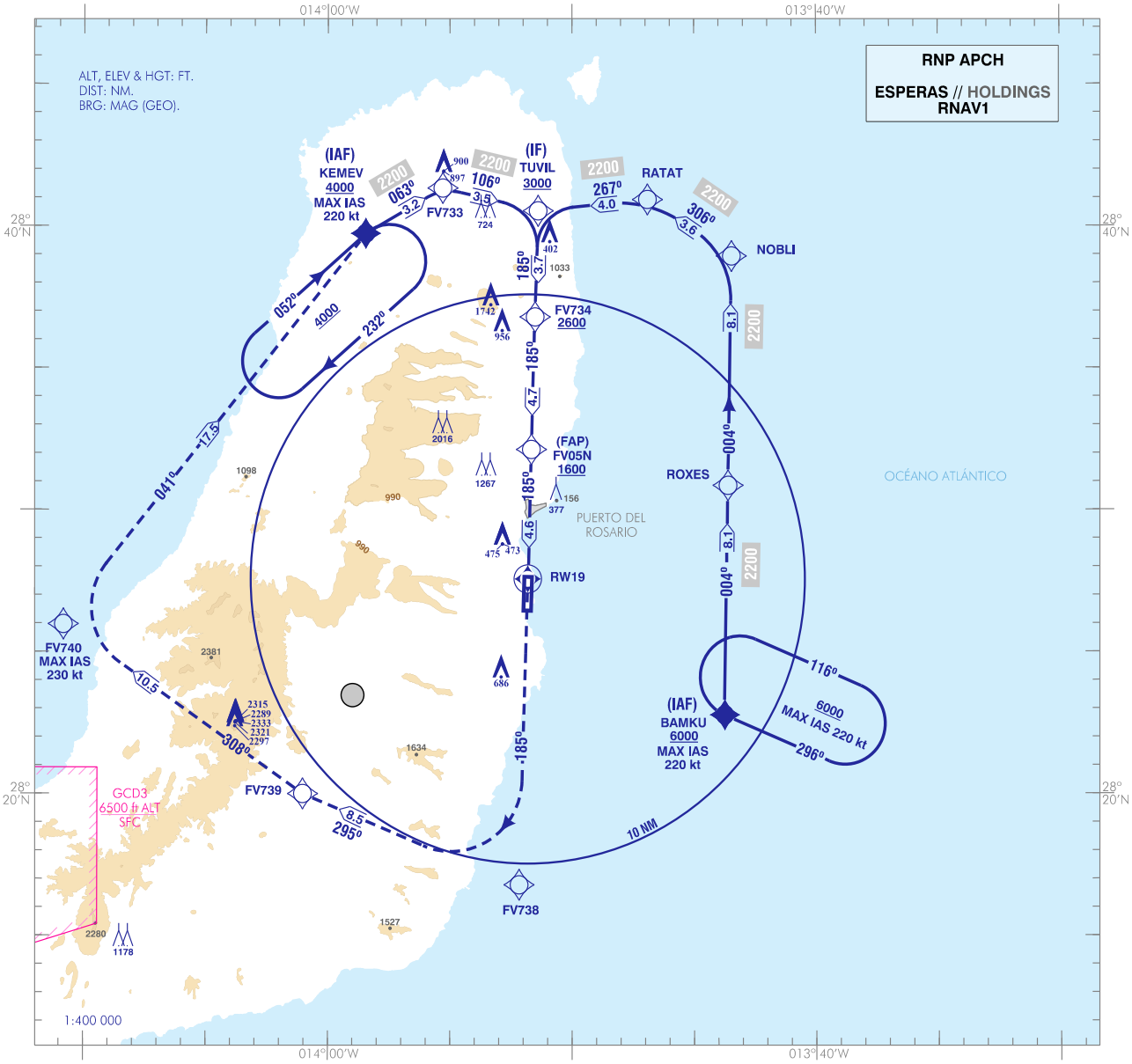
CARTA DE APROXIMACIÓN
POR INSTRUMENTOS-OACI

EGNOS
CH 70952
E19A

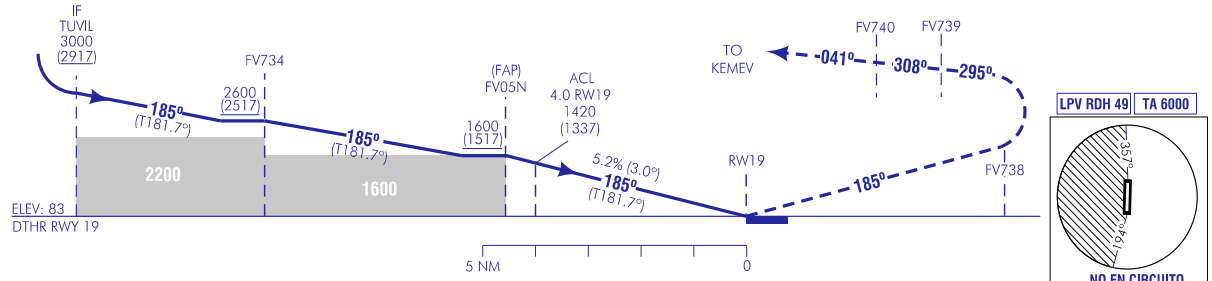
ELEV AD
83 ft
VAR 3°W (2025)

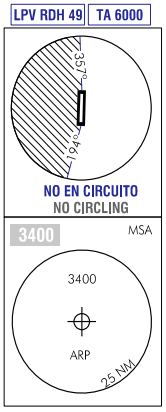
APP 129.300 MHz
TWR 118.475 MHz
GMC 121.700 MHz
ATIS 118.650 MHz

FUERTEVENTURA
RNP Z
RWY 19 (LPV ONLY)



FRUSTRADA: SUBIR EN CURSO MAGNÉTICO 185° HASTA FV738, VIRAR A LA DERECHA (IAS MAX 230 kt) A FV739, VIRAR A LA DERECHA (IAS MAX 230 kt) A FV740, VIRAR A LA DERECHA PARA ALCANZAR KEMEV A 4000 O SUPERIOR E INCORPORARSE A LA ESPERA.
MISSED APCH: CLIMB ON MAGNETIC COURSE 185° TO FV738, TURN RIGHT (MAX IAS 230 kt) TO FV739, TURN RIGHT (MAX IAS 230 KT) TO FV740, TURN RIGHT TO REACH KEMEV AT 4000 OR ABOVE AND JOIN THE HOLDING.





HGT REF ELEV DTHR RWY 19

OCA/H			A	B	C	D
STA	LPV	2.5%	640 (560)	710 (630)	830 (750)	960 (880)
	LPV	5.0%	480 (400)			
En circuito (H) sobre 83 / Circling (H) over 83			780 (700)	990 (910)	1410 (1330)	1500 (1420)

GS	kt	80	100	120	140	160	180
FAP-THR: 4.6 NM	min:s	3:25	2:44	2:17	1:57	1:42	1:31
FAF-MAPT:	min:s						
ROD: 5.2 %	ft/min	425	531	637	743	849	955

ALT/HGT RW19 FNA												
13	12	11	10	9	8	7	6	5	4	3	2	1
									1430 (1340)	1110 (1020)		

RENUMBERING.

CHANGES:

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

RNP Z (LPV ONLY) RWY 19

WAYPOINTS COORDINATES

WPT	COORD
BAMKU (IAF)	282246.2700N 0134344.6300W
FV05N (FAP)	283207.3840N 0135139.7211W
FV733	284119.8142N 0135517.5401W
FV734	283647.4310N 0135130.4619W
FV738	281647.1345N 0135210.0485W
FV739	281959.9440N 0140101.5510W
FV740	282558.2590N 0141049.4565W
KEMEV (IAF)	283943.6000N 0135826.6000W
NOBLI	283856.0400N 0134327.6100W
RATAT	284055.6620N 0134654.1135W
ROXES	283051.2300N 0134336.2900W
RW19 (LTP)	282733.7504N 0135148.7383W
TUVIL (IF)	284031.8396N 0135122.9609W
Precision final approach (APV SBAS) - Slope (Descent angle)	3.00° (5.24%)

NOTES APPLICABLE TO ALL APPROACHES:

- Speed control:

a. If any different instructions are not received by ATC cross:

- 12.0 NM RW01 at IAS 210 kt.
- 9.0 NM RW01 at IAS 190 kt.
- 4.0 NM RW01 at IAS 160 kt.

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
IAF BAMKU											
001	IF	BAMKU	-	-	+2.9	-	-	+6000	-220	-	RNP APCH
002	TF	ROXES	-	004 (000.9)	+2.9	8.1	-	-	-	-	RNP APCH
003	TF	NOBLI	-	004 (000.9)	+2.9	8.1	-	-	-	-	RNP APCH
004	TF	RATAT	-	306 (303.3)	+2.9	3.6	-	-	-	-	RNP APCH
005	TF	TUVIL	-	267 (264.3)	+2.9	4.0	-	+3000	-	-	RNP APCH
006	TF	FV734	-	185 (181.7)	+2.9	3.7	-	+2600	-	-	RNP APCH
007	TF	FV05N	-	185 (181.7)	+2.9	4.7	-	+1600	-	-	RNP APCH
008	TF	RW19	Y	185 (181.7)	+2.9	4.6	-	+133	-	-3.0 / 49	RNP APCH
009	CF	FV738	-	185 (181.7)	+2.9	-	-	-	-	-	RNP APCH
010	TF	FV739	-	295 (292.3)	+2.9	8.5	-	-	-	-	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
011	TF	FV740	-	308 (304.6)	+2.9	10.5	-	-	-230	-	RNP APCH
012	TF	KEMEV	-	041 (038.4)	+2.9	17.5	-	+4000	-	-	RNP APCH
IAF KEMEV											
001	IF	KEMEV	-	-	+2.9	-	-	+4000	-220	-	RNP APCH
002	TF	FV733	-	063 (060.0)	+2.9	3.2	-	-	-	-	RNP APCH
003	TF	TUVIL	-	106 (103.0)	+2.9	3.5	-	+3000	-	-	RNP APCH
004	TF	FV734	-	185 (181.7)	+2.9	3.7	-	+2600	-	-	RNP APCH
005	TF	FV05N	-	185 (181.7)	+2.9	4.7	-	+1600	-	-	RNP APCH
006	TF	RW19	Y	185 (181.7)	+2.9	4.6	-	+133	-	-3.0 / 49	RNP APCH
007	CF	FV738	-	185 (181.7)	+2.9	-	-	-	-	-	RNP APCH
008	TF	FV739	-	295 (292.3)	+2.9	8.5	-	-	-	-	RNP APCH
009	TF	FV740	-	308 (304.6)	+2.9	10.5	-	-	-230	-	RNP APCH
010	TF	KEMEV	-	041 (038.4)	+2.9	17.5	-	+4000	-	-	RNP APCH

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	BAMKU	296 (293.2)	+2.9	–	R	6000	–	-220	RNAV1
HM	KEMEV	052 (048.8)	+2.9	–	R	4000	–	–	RNAV1

SBAS LPV FAS DATA BLOCK

FAS DATA BLOCK		
1	OPERATION TYPE	0
2	SBAS PROVIDER	01*
3	AIRPORT IDENTIFIER	GCFV
4	RUNWAY	19
5	APPROACH PERFORMANCE DESIGNATOR	0**
6	ROUTE INDICATOR	Z
7	REFERENCE PATH DATA SELECTOR	00
8	REFERENCE PATH IDENTIFIER	E19A***
9	LTP/FTP LATITUDE	282733.7505N
10	LTP/FTP LONGITUDE	0135148.7385W
11	LTP/FTP ELLIPSOIDAL HEIGHT (METRES)	70.2
12	FPAP LATITUDE	282558.2525N
13	FPAP LONGITUDE	0135151.8985W
14	THRESHOLD CROSSING HEIGHT	15.0
15	TCH UNITS SELECTOR	[1] M
16	GLIDEPATH ANGLE (DEGREES)	3.00
17	COURSE WIDTH (METRES)	105.0
18	LENGTH OFFSET (METRES)	0
19	HORIZONTAL ALERT LIMIT (HAL)	40.0
20	VERTICAL ALERT LIMIT (VAL)	50.0
21	PRECISION APPROACH PAT POINT CRC REMINDER	B3CEF0B5
NON-FAS DATA BLOCK FIELDS		
22	ICAO CODE	GC

FAS DATA BLOCK		
23	LTP ORTHOMETRIC HEIGHT (METRES)	25.4

NOTES:

This value "01" identifies EGNOS as service provider.

**: LPV (APV).

"E" refers to EGNOS.