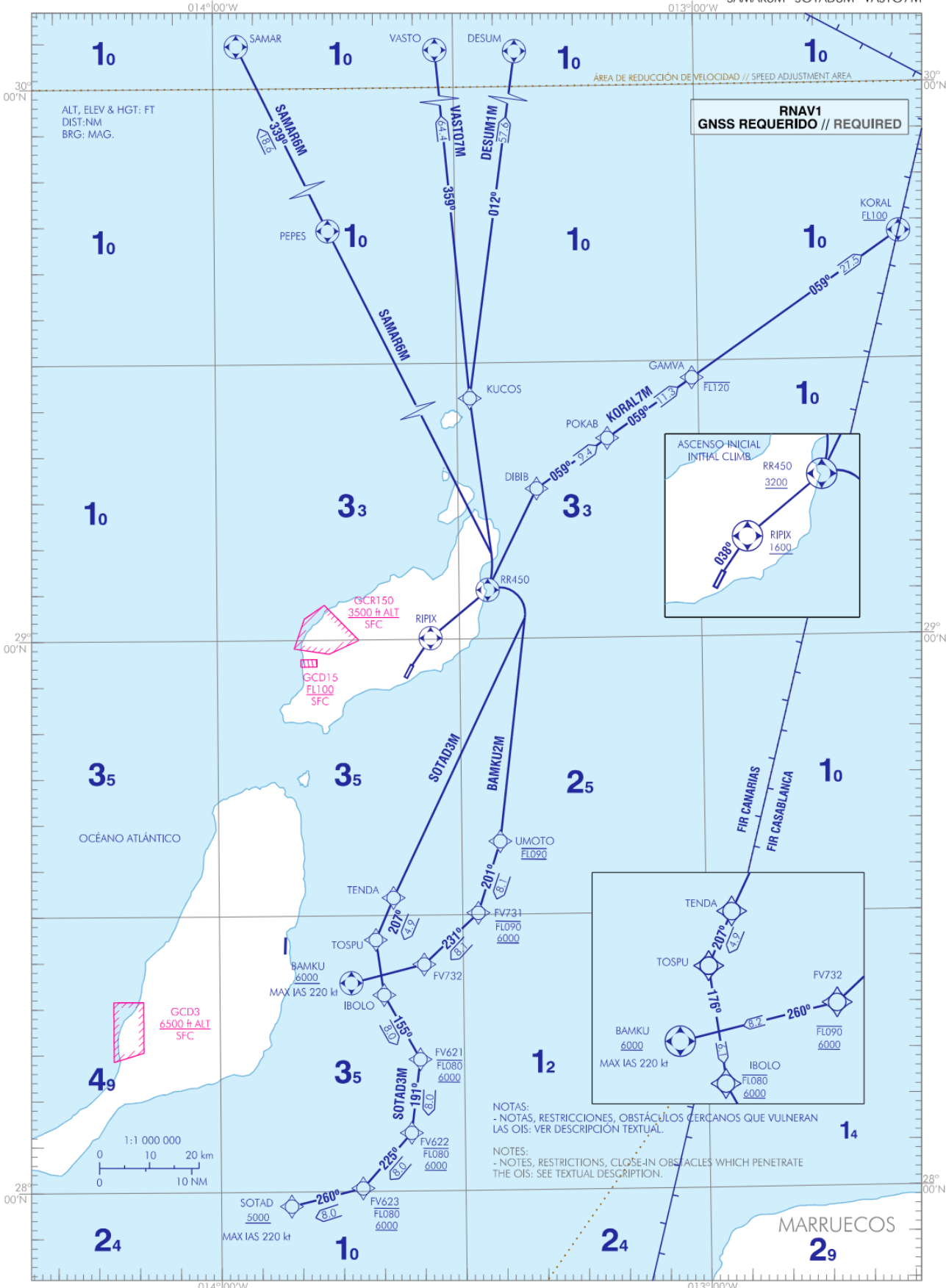


CARTA DE SALIDA NORMALIZADA
VUELO POR INSTRUMENTOS (SID)-OACI

TA 6000 ft
VAR 3°35.0'W (2025)

LANZAROTE/César Manrique Lanzarote
APP 129.300 MHz
TWR 120.700 MHz
RNAV RWY 03
BAMKU2M DESUM1M KORAL7M
SAMAR6M SOTAD3M VASTO7M



RENUMBERING

CHANGES

WAYPOINTS COORDINATES

WPT	COORD
BAMKU	282246.3N 0134344.6W
DESUM	302323.8N 0131906.8W
DIBIB	291620.8N 0132009.6W
FV621	281424.1N 0133521.1W
FV622	280624.5N 0133630.2W
FV623	280025.6N 0134231.8W
FV731	283016.3N 0132800.8W
FV732	282443.8N 0133444.8W
GAMVA	292812.3N 0130041.5W
IBOLO	282126.3N 0133943.2W
KORAL	29°4353.1N 0123442.0W
KUCOS	292615.0N 0132819.0W
PEPES	303704.0N 0141557.0W
POKAB	292144.7N 0131119.0W
RIPIX	290012.8N 0133331.3W
RR450	290522.9N 0132622.9W
SAMAR	305359.0N 0142456.0W
SOTAD	275830.7N 0135118.5W
TENDA	283200.0N 0133826.4W
TOSPU	282726.8N 0134040.1W
UMOTO	283802.0N 0132512.0W
VASTO	303034.0N 0133422.0W

STANDARD INSTRUMENT DEPARTURES (SID)

RUNWAY 03

NOTES APPLICABLE TO ALL SID:

- RNAV1.
- GNSS required.
- Speed control:
 - Chart included in the CANARIAS TMA speed adjustment area: MAX IAS 250 KT at FL100 or BLW, EXC MIL FLT on operational or air defense missions or when the operational characteristics do not allow for it.
 - MAX IAS 250 kt until leaving FL100.
 - Mínimum climb gradient 73% up to RIPIX. Minimum climb gradient due to operational reasons.

NOTES:

- DESUM1M, KORAL7M, SAMAR6M, VASTO7M: initial ATC clearance: climb to FL120 and await further clearance.
- BAMKU2M, SOTAD3M: initial ATC clearance: climb to 4000 ft and await further clearance.

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
BAMKU2M											
001	CF	RIPIX	Y	038 (034.1)	+3.6	-	-	+1600	-	-	RNAV1
002	DF	RR450	Y	-	+3.6	-	-	+3200	-	-	RNAV1
003	DF	UMOTO	-	-	+3.6	-	R	@FL90	220	-	RNAV1
004	TF	FV731	-	201 (197.8)	+3.6	8.1	-	+6000 -FL90	220	-	RNAV1
005	TF	FV732	-	231 (227.1)	+3.6	8.1	-	+6000 -FL90	220	-	RNAV1
006	TF	BAMKU	Y	260 (256.2)	+3.6	8.2	-	+6000	-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)	Navegation specification
DESUM1M											
001	CF	RIPIX	Y	038 (034.1)	+3.6	-	-	+1600	-	-	RNAV 1
002	DF	RR450	Y	-	+3.6	-	-	+3200	-	-	RNAV 1
003	DF	KUCOS	-	-	+3.6	-	-	-	-	-	RNAV 1
004	TF	DESUM	Y	012 (007.9)	+3.6	57.6	-	-	-	-	RNAV 1

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
KORAL7M											
001	CF	RIPIX	Y	038 (034.1)	+3.6	-	-	+1600	-	-	RNAV1
002	DF	RR450	Y	-	+3.6	-	-	+3200	-	-	RNAV1
003	DF	DIBIB	-	-	+3.6	-	-	-	-	-	RNAV1
004	TF	POKAB	-	059 (055.1)	+3.6	9.4	-	-	-	-	RNAV1
005	TF	GAMVA	-	059 (055.2)	+3.6	11.3	-	-FL120	-	-	RNAV1
006	TF	KORAL	Y	059 (055.3)	+3.6	27.5	-	+FL100	-	-	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)	Navegation specification
SAMAR6M											
001	CF	RIPIX	Y	038 (034.1)	+3.6	-	-	+1600	-	-	RNAV1
002	DF	RR450	Y	-	+3.6	-	-	+3200	-	-	RNAV1
003	DF	PEPES	Y	-	+3.6	-	-	-	-	-	RNAV1
004	TF	SAMAR	Y	339 (335.4)	+3.6	18.6	-	-	-	-	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)	Navegation specification
SOTAD3M											
001	CF	RIPIX	Y	038 (034.1)	+3.6	-	-	+1600	-	-	RNAV1
002	DF	RR450	Y	-	+3.6	-	-	+3200	-	-	RNAV1
003	DF	TENDA	-	-	+3.6	-	R	-	-	-	RNAV1
004	TF	TOSPU	-	207 (203.4)	+3.6	4.9	-	-	-	-	RNAV1
005	TF	IBOLO	-	176 (172.1)	+3.6	6.1	-	+6000 -FL080	220	-	RNAV1
006	TF	FV621	-	155 (151.2)	+3.6	8.0	-	+6000 -FL080	220	-	RNAV1
007	TF	FV622	-	191 (187.3)	+3.6	8.0	-	+6000 -FL080	220	-	RNAV1
008	TF	FV623	-	225 (221.8)	+3.6	8.0	-	+6000 -FL080	220	-	RNAV1
009	TF	SOTAD	-	260 (256.2)	+3.6	8.0	-	+5000	-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)	Navegation specification
VASTO7M											
001	CF	RIPIX	Y	038 (034.1)	+3.6	-	-	+1600	-	-	RNAV1
002	DF	RR450	Y	-	+3.6	-	-	+3200	-	-	RNAV1
003	DF	KUCOS	-	-	+3.6	-	-	-	-	-	RNAV1
004	TF	VASTO	Y	359 (355.3)	+3.6	64.4	-	-	-	-	RNAV1

CLOSE-IN OBSTACLES

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
TREE	03	285723.7N	0133601.4W	18	87
TREE)	03	285723.9N	0133558.5W	37	93
BOARD	03	285727.3N	0133600.1W	40	107
FOCUS	03	285725.1N	0133600.9W	19	89
OBSTACLE LIGHT	03	285723.5N	0133602.2W	11	73
BUILDING	03	285725.3N	0133601.3W	22	86
BUILDING	03	285727.7N	0133559.5W	37	104
LAMPPOST	03	285726.6N	0133600.3W	27	92
TREE	03	285717.5N	0133543.1W	49	84
LAMPPOST	03	285726.8N	0133559.2W	28	93
LAMPPOST	03	285725.8N	0133559.1W	28	88
LAMPPOST	03	285726.3N	0133559.2W	28	90
ELECTRICITY PYLON	03	285733.4N	0133559.1W	42	123
BUILDING	03	285727.5N	0133559.1W	26	94
TREE	03	285717.9N	0133546.5W	42	76
BUILDING	03	285731.6N	0133559.2W	39	107
SEÑAL VERTICAL	03	285723.9N	0133600.2W	17	75
LAMPPOST	03	285726.0N	0133558.1W	28	86
LAMPPOST	03	285726.5N	0133558.1W	28	88
LAMPPOST	03	285717.4N	0133549.6W	35	68
ROAD	03	285724.5N	0133600.5W	16	76
LAMPPOST	03	285727.0N	0133558.2W	28	90
CHIMNEY ON BUILDING	03	285731.5N	0133559.2W	36	104
CRANE	03	285735.1N	0133540.7W	83	147
BOARD	03	285727.7N	0133558.3W	26	90
TREE	03	285723.9N	0133559.0W	19	75
BUILDING	03	285730.9N	0133558.6W	31	99
BUILDING	03	285727.7N	0133558.1W	26	88
TERRAIN	03	285756.0N	0133546.0W	0	192
TERRAIN	03	285737.6N	0133555.5W	0	117
LAMPPOST	03	285717.9N	0133549.6W	35	69
TREE	03	285756.9N	0133523.9W	48	206
TREE	03	285735.5N	0133517.3W	50	153
TREE	03	285743.4N	0133519.6W	40	171
LAMPPOST	03	285739.9N	0133519.4W	33	159
LAMPPOST	03	285740.6N	0133519.4W	31	159
LAMPPOST	03	285739.0N	0133518.7W	32	155
OBSTACLE LIGHT	03	285723.5N	0133600.5W	12	70
CHIMNEY ON BUILDING	03	285751.4N	0133513.6W	23	191
POST	03	285755.0N	0133515.8W	22	197
TREE	03	285752.3N	0133521.3W	35	183
POST	03	285754.9N	0133514.6W	23	197
POST	03	285756.1N	0133508.8W	24	206

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
ANTENNA ON BUILDING	03	285755.8N	0133510.0W	20	204
TREE	03	285734.7N	0133517.1W	46	144
POST	03	285743.5N	0133518.6W	32	164
LAMPPOST	03	285725.8N	0133535.4W	41	103
LAMPPOST	03	285725.9N	0133533.8W	41	104
POST	03	285754.7N	0133511.4W	24	197
LAMPPOST	03	285722.6N	0133549.7W	35	79
LAMPPOST	03	285725.7N	0133538.5W	41	98
BUILDING	03	285743.7N	0133520.1W	29	159
POST	03	285731.5N	0133557.6W	29	91
LAMPPOST	03	285725.3N	0133544.7W	41	90
BUILDING	03	285739.6N	0133519.6W	29	150
LAMPPOST	03	285726.0N	0133532.5W	49	104
CHIMNEY ON BUILDING	03	285755.8N	0133512.2W	16	194
BUILDING	03	285751.3N	0133514.4W	14	181
ANTENNA ON BUILDING	03	285743.8N	0133519.9W	27	158
TREE	03	285737.1N	0133519.8W	41	142
ANTENNA ON BUILDING	03	285728.7N	0133543.9W	43	98
TERRAIN	03	285744.0N	0133551.1W	0	126
TREE	03	285725.9N	0133552.9W	33	83
TERRAIN	03	285755.9N	0133553.1W	0	217
TERRAIN	03	285754.2N	0133553.1W	0	196
TERRAIN	03	285751.8N	0133555.0W	0	157
TERRAIN	03	285739.7N	0133557.9W	0	122
TERRAIN	03	285728.3N	0133559.9W	0	90

SIGNIFICANT OBSTACLES

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
OBSTACLE LIGHT	03	290006.6N	0133434.0W	13	1093
WINDMILL	03	290007.5N	0133455.4W	393	1062
WINDMILL	03	290009.1N	0133500.3W	392	1028
TERRAIN	03	285949.4N	0133441.5W	0	815
TERRAIN	03	285813.7N	0133543.7W	0	379
TERRAIN	03	290005.1N	0133443.9W	0	965
TERRAIN	03	290003.5N	0133443.9W	0	938
TERRAIN	03	285959.4N	0133440.3W	0	898
TERRAIN	03	290000.2N	0133443.0W	0	863
TERRAIN	03	285949.7N	0133442.2W	0	811
TERRAIN	03	285948.8N	0133442.3W	0	806
TERRAIN	03	285948.0N	0133444.1W	0	766
TERRAIN	03	285947.2N	0133445.1W	0	734
TERRAIN	03	285946.4N	0133446.0W	0	704
TERRAIN	03	285944.8N	0133446.9W	0	663
TERRAIN	03	285819.4N	0133547.2W	0	390
TERRAIN	03	285816.1N	0133549.1W	0	368
TERRAIN	03	285812.9N	0133550.1W	0	341
TERRAIN	03	285809.7N	0133551.0W	0	315
TERRAIN	03	285803.2N	0133552.0W	0	283
TERRAIN	03	285759.1N	0133553.0W	0	253