

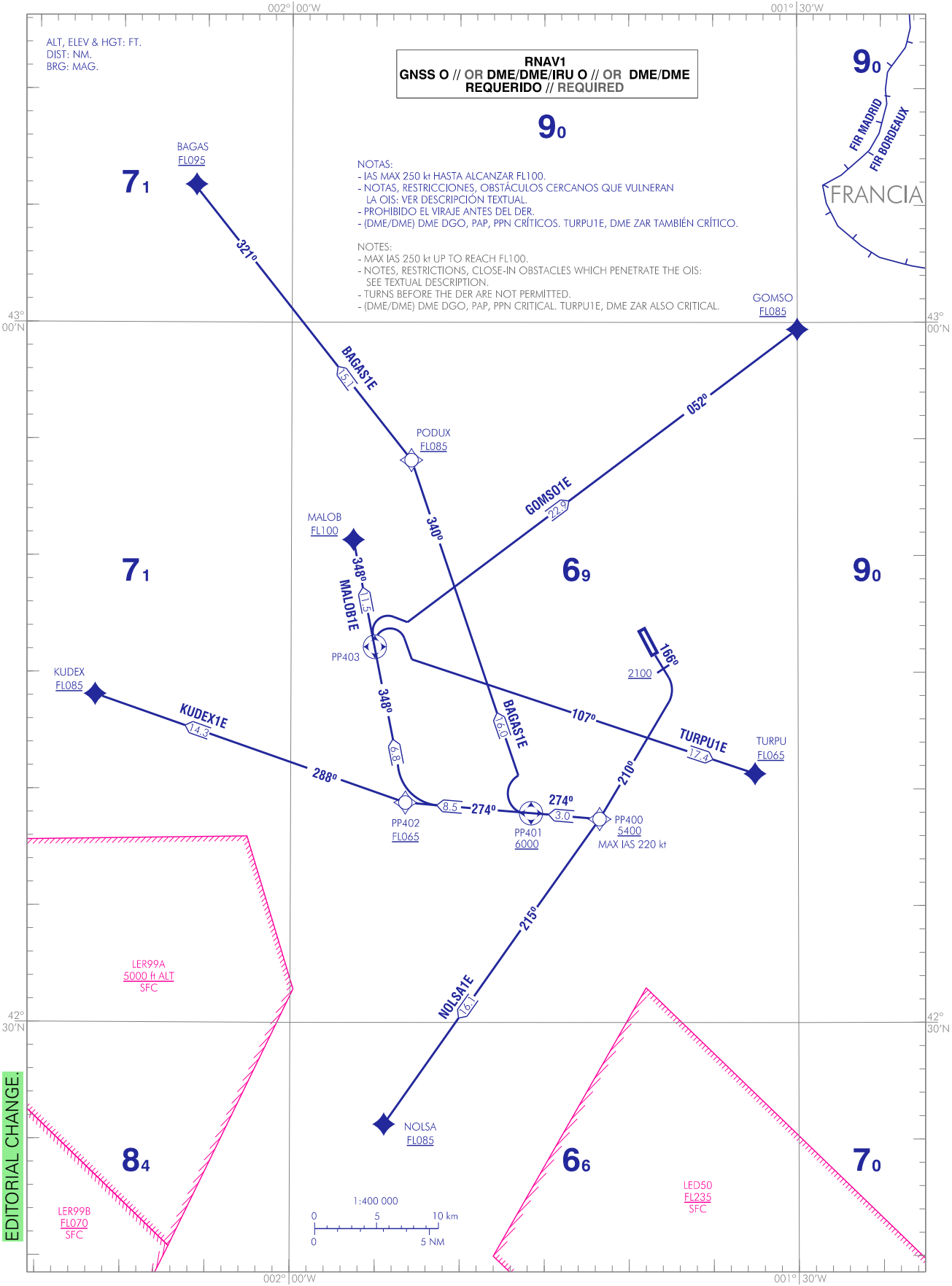
CARTA DE SALIDA NORMALIZADA
VUELO POR INSTRUMENTOS (SID) - OACI

TA 6000 ft
VAR 1°E (2025)

APP/TWR 118.200 MHz

BAGAS1E GOMSO1E KUDEX1E
MALOB1E NOLSA1E TURPU1E

PAMPLONA
RNAV RWY 15



EDITORIAL CHANGE:
CHANGES:

WAYPOINTS COORDINATES

WPT	COORD
BAGAS	430554.4N 0020541.0W
GOMSO	425942.4N 0013000.0W
KUDEX	424403.6N 0021135.0W
MALOB	425041.8N 0015619.2W
NOLSA	422539.4N 0015426.7W
PODUX	425403.7N 0015253.5W
PP400	423843.8N 0014144.4W
PP401	423858.8N 0014547.5W
PP402	423926.0N 0015313.2W
PP403	424605.9N 0015503.1W
TURPU	424040.2N 0013233.2W

CRITICAL DME

FACILITY (ID)	FREQ/CH	COORD
DOMINGO (DGO)	112.60 MHz CH 73X	422712.2978N 0025250.1135W
PAMPLONA (PPN)	112.30 MHz CH 70X	424401.7124N 0014206.5564W
PAMPLONA SUR (PAP)	113.55 MHz CH 82Y	424117.7861N 0013939.1807W
ZARAGOZA (ZAR)	113.00 MHz CH 77X	413928.4200N 0010151.1100W

STANDARD INSTRUMENT DEPARTURES (SID)

RUNWAY 15

NOTES APPLICABLE TO ALL SID:

- RNAV1.
- GNSS or DME/DME/IRU or DME/DME required.
- MAX IAS 250 kt up to reach FL100.
- Turns before the runway end (DER) are not permitted.

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
BAGAS1E Minimum climb gradient of 8.5% up to PP400 due to airspace restrictions and DME coverage. (DME/DME): DME DGO, PAP, PPN critical.											
001	CA	-	-	166 (166.7)	-1.0	-	-	+2100	-	-	RNAV1
002	CF	PP400	-	210 (211.0)	-1.0	-	-	+5400	-220	-	RNAV1
003	TF	PP401	Y	274 (274.8)	-1.0	3.0	-	+6000	-	-	RNAV1
004	TF	PODUX	-	340 (340.9)	-1.0	16.0	-	+FL085	-	-	RNAV1
005	TF	BAGAS	-	321 (321.7)	-1.0	15.1	-	+FL095	-	-	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
GOMSO1E Minimum climb gradient of 8.5% up to PP400 due to airspace restrictions and DME coverage. (DME/DME): DME DGO, PAP, PPN critical.											
001	CA	-	-	166 (166.7)	-1.0	-	-	+2100	-	-	RNAV1
002	CF	PP400	-	210 (211.0)	-1.0	-	-	+5400	-220	-	RNAV1
003	TF	PP402	-	274 (274.8)	-1.0	8.5	-	+FL65	-	-	RNAV1
004	TF	PP403	Y	348 (348.5)	-1.0	6.8	-	-	-	-	RNAV1
005	TF	GOMSO	-	052 (053.4)	-1.0	22.9	-	+FL085	-	-	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
KUDEX1E Minimum climb gradient of 8.5% up to PP400 due to airspace restrictions and DME coverage. (DME/DME): DME DGO, PAP, PPN critical.											
001	CA	-	-	166 (166.7)	-1.0	-	-	+2100	-	-	RNAV1
002	CF	PP400	-	210 (211.0)	-1.0	-	-	+5400	-220	-	RNAV1
003	TF	PP402	-	274 (274.8)	-1.0	8.5	-	+FL65	-	-	RNAV1
004	TF	KUDEX	-	288 (289.0)	-1.0	14.3	-	+FL085	-	-	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
MALOB1E Minimum climb gradient of 8.5% up to FL100 due to airspace restrictions and DME coverage. (DME/DME): DME DGO, PAP, PPN critical.											
001	CA	-	-	166 (166.7)	-1.0	-	-	+2100	-	-	RNAV1
002	CF	PP400	-	210 (211.0)	-1.0	-	-	+5400	-220	-	RNAV1
003	TF	PP402	-	274 (274.8)	-1.0	8.5	-	+FL65	-	-	RNAV1
004	TF	MALOB	-	348 (348.5)	-1.0	11.5	-	+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
NOLSA1E Minimum climb gradient of 8.5% up to PP400 due to airspace restrictions and DME coverage. (DME/DME): DME DGO, PAP, PPN critical.											
001	CA	-	-	166 (166.7)	-1.0	-	-	+2100	-	-	RNAV1
002	CF	PP400	-	210 (211.0)	-1.0	-	-	+5400	-220	-	RNAV1
003	TF	NOLSA	-	215 (215.8)	-1.0	16.1	-	+FL085	-	-	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
TURPU1E Minimum climb gradient of 8.5% up to PP400 due to airspace restrictions and DME coverage. (DME/DME): DME DGO, PAP, PPN, ZAR critical.											
001	CA	-	-	166 (166.7)	-1.0	-	-	+2100	-	-	RNAV1
002	CF	PP400	-	210 (211.0)	-1.0	-	-	+5400	-220	-	RNAV1
003	TF	PP402	-	274 (274.8)	-1.0	8.5	-	+FL065	-	-	RNAV1
004	TF	PP403	Y	348 (348.5)	-1.0	6.8	-	-	-	-	RNAV1
005	TF	TURPU	-	107 (108.8)	-1.0	17.4	-	+FL065	-	-	RNAV1

CLOSE-IN OBSTACLES WHICH PENETRATE THE OIS

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
Tree	15	424540.6N	0013815.1W	34	1539

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
Pole	15	424530.4N	0013824.6W	131	1575
Antenna	15	424528.6N	0013800.5W	77	1603
Stack	15	424529.4N	0013800.6W	66	1591
Stack	15	424530.5N	0013824.5W	121	1566
Building	15	424530.2N	0013824.3W	122	1567
Electrical exit light	15	424533.9N	0013808.8W	60	1562
Antenna	15	424533.7N	0013806.9W	63	1564
Building	15	424528.3N	0013800.4W	61	1588
Building	15	424532.9N	0013805.7W	58	1566
Stack	15	424533.6N	0013807.1W	63	1562
Electrical exit light	15	424532.7N	0013807.0W	59	1562
Building	15	424524.7N	0013759.8W	44	1592
Tree	15	424536.5N	0013810.6W	54	1545
Tree	15	424533.6N	0013811.2W	52	1554
Stack	15	424519.9N	0013801.5W	36	1602
Electrical exit light	15	424538.0N	0013811.4W	41	1539
Building	15	424521.8N	0013806.9W	28	1591
Antenna	15	424520.6N	0013801.1W	38	1597
Building	15	424520.7N	0013802.6W	24	1596
Stack	15	424520.6N	0013801.2W	34	1594
Antenna	15	424521.6N	0013800.8W	45	1589
Antenna	15	424521.4N	0013801.0W	39	1588
Tree	15	424536.0N	0013810.9W	52	1542
Tree	15	424534.5N	0013810.0W	44	1545
Electrical exit light	15	424532.3N	0013810.9W	49	1551
Building	15	424531.8N	0013825.5W	98	1542
Building	15	424527.2N	0013757.6W	71	1618

SIGNIFICANT OBSTACLES

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
Natural highpoint	15	424336.4N	0014054.3W	-	3019
Natural highpoint	15	424050.8N	0013740.7W	-	3560
Transmission line	15	424405.3N	0013920.2W	136	1901
Transmission line	15	424301.7N	0013932.9W	127	2060
Vegetation	15	424356.7N	0013732.0W	52	1848
Vegetation	15	424356.0N	0013731.3W	45	1859
Pole	15	424316.9N	0014011.7W	24	2225
Natural highpoint	15	424316.5N	0014013.0W	-	2212