



STANDARD INSTRUMENT DEPARTURES (SID)

RUNWAY 28

AMTOS THREE SIERRA DEPARTURE (AMTOS3S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn left to proceed on arc 10.0 DME BLV to R-227 BLV. Turn right to follow R-215 BLV direct to cross AMTOS at FL100 or above.

Minimum climb gradient of 7.0% up to 7100 ft.

Initial clearance: FL080, except ATC clearance.

BISKA THREE SIERRA DEPARTURE (BISKA3S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn right to proceed on arc 10.0 DME BLV to R-359 BLV. Turn left to follow R-011 BLV direct to cross BISKA at FL100 or above.

Minimum climb gradient of 7.0% up to 5000 ft.

Initial clearance: FL080, except ATC clearance.

CALCE FOUR SIERRA DEPARTURE (CALCE4S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn right to follow R-281 BLV direct to CALCE.

Minimum climb gradient of 7.0% up to 5000 ft.

Initial clearance: FL080, except ATC clearance.

DOSUL THREE SIERRA DEPARTURE (DOSUL3S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn right to proceed on arc 10.0 DME BLV to R-310 BLV. Turn left to follow R-322 BLV direct to cross DOSUL at FL100 or above.

Minimum climb gradient of 7.0% up to 5200 ft.

Initial clearance: FL080, except ATC clearance.

MAPAX THREE SIERRA DEPARTURE (MAPAX3S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn right to proceed on arc 10.0 DME BLV to R-335 BLV. Turn left to follow R-347 BLV direct to cross MAPAX at FL100 or above.

Minimum climb gradient of 7.0% up to 5500 ft.

Initial clearance: FL080, except ATC clearance.

PAMPLONA TWO SIERRA DEPARTURE (PPN2S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn right to proceed on arc 10.0 DME BLV to R-077 BLV. Turn left to follow R-088 BLV direct to FEBRI. Turn right to follow R-323 PPN direct to DVOR/DME PPN.

Minimum climb gradient of 7.0% up to 5000 ft.

Initial clearance: FL080, except ATC clearance.

SAN SEBASTIÁN TWO SIERRA DEPARTURE (SSN2S)

Climb on runway heading to leave 1000 ft. Turn right to follow R-277 BLV direct to SANTU. Turn right to proceed on arc 10.0

DME BLV to R-077 BLV. Turn left to follow R-088 BLV direct to FEBRI. Direct to DVOR/DME SSN.

Minimum climb gradient of 7.0% up to 5000 ft.

Initial clearance: FL080, except ATC clearance.

CONTINGENCY DEPARTURE.

In the event of failure of one or more nav aids bearing the departures from runway 28, the following procedure shall be carried out:

Climb on heading 291° to 4500 ft AMSL. Turn following ATC instructions.

Minimum climb gradient of 6.7% up to 4500 ft AMSL.

In case of communications failure, proceed according to what is established on page ENR 1.8, item 8 Air-ground communications failure of AIP-ESPAÑA.

CLOSE-IN OBSTACLES

OBST	LAT	LONG	HGT (ft)	ELEV (ft)
Pole	431815.3N	0025610.1W	41.9	158.4
Pole	431816.3N	0025608.3W	41.8	158.9
Electrical Exit Light	431815.8N	0025609.2W	32.7	150.8
Pole	431815.8N	0025610.0W	31.9	147.5
Pole	431815.2N	0025609.3W	29.4	147.5
Perimetral road	431816.4N	0025614.5W	15.7	136.2
Perimetral road	431817.0N	0025614.0W	15.7	136.0
Perimetral road	431816.0N	0025614.8W	15.7	134.0

SIGNIFICANT OBSTACLES

OBST	LAT	LONG	HGT (ft)	ELEV (ft)
Tree	431818.8N	0025757.0W	30.0	366.2
Electricity Pylon	431822.0N	0025753.1W	56.0	340.7
Tree	431816.7N	0025753.6W	42.9	338.1
Pole	431818.6N	0025751.7W	25.7	322.4
Electricity Pylon	431818.2N	0025748.1W	65.2	312.9
Antenna	432003.6N	0030346.0W	163.5	1628.2
Building	432003.2N	0030345.0W	27.2	1494.9
Terrain	431545.8N	0030417.6W	-	2660.7
Terrain	431634.7N	0030445.1W	-	2434.4
Terrain	431653.0N	0030503.8W	-	2345.8
Terrain	431707.1N	0030537.9W	-	2034.1
Terrain	431718.0N	0030603.7W	-	2004.6
Terrain	431725.6N	0030247.1W	-	1410.7