



STANDARD INSTRUMENT DEPARTURES (SID)

RUNWAY 10

AMTOS THREE ROMEO DEPARTURE (AMTOS3R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn right to follow arc 11.0 DME BLV to R-204 BLV. Turn left to follow R-215 BLV direct to cross AMTOS at FL100 or above.

Minimum climb gradient of 7.0% up to 4800 ft.

Initial clearance: FL080, except ATC clearance.

AMTOS THREE X-RAY DEPARTURE (AMTOS3X)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left (turning MAX IAS 210 kt) to follow R-081 BLV direct to cross DVOR/DME BLV at 5000 ft or above. Proceed on R-215 BLV direct to cross AMTOS at FL100 or above.

Minimum climb gradient of 7.0% up to 3200 ft.

Initial clearance: FL080, except ATC clearance.

BISKA THREE ROMEO DEPARTURE (BISKA3R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left to proceed on arc 11.0 DME BLV to R-022 BLV. Turn right to follow R-011 BLV direct to cross BISKA at FL100 or above.

Minimum climb gradient of 7.0% up to 3200 ft.

Initial clearance: FL080, except ATC clearance.

CALCE FOUR ROMEO DEPARTURE (CALCE4R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left (turning MAX IAS 210 kt) to follow R-081 BLV direct to cross DVOR/DME BLV at 5000 ft or above. Proceed on R-281 BLV direct to CALCE.

Minimum climb gradient of 7.0% up to 3200 ft.

Initial clearance: FL080, except ATC clearance.

DOSUL THREE ROMEO DEPARTURE (DOSUL3R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left to proceed on arc 11.0 DME BLV to R-333 BLV. Turn right to follow R-322 BLV direct to cross DOSUL at FL100 or above.

Minimum climb gradient of 7.0% up to 3200 ft.

Initial clearance: FL080, except ATC clearance.

MAPAX THREE ROMEO DEPARTURE (MAPAX3R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left to proceed on arc 11.0 DME BLV to R-358 BLV. Turn right to follow R-347 BLV direct to cross MAPAX at FL100 or above.

Minimum climb gradient of 7.0% up to 3200 ft.

Initial clearance: FL080, except ATC clearance.

PAMPLONA TWO ROMEO DEPARTURE (PPN2R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left (turning MAX IAS 210 kt) to follow magnetic heading 041° to intercept and 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 ROMEO DEPARTURE (SSN2R)

Climb on runway heading direct to cross 3.0 DME BLV at 1200 ft or above. Turn right to magnetic heading 137° to follow R-118 BLV direct to cross OXERA at 3200 ft or above. Turn left (turning MAX IAS 210 kt) to follow magnetic heading 041° to intercept and 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 10, the following procedure shall be carried out:

Climb on runway heading to 5500 ft AMSL.

Wait for ATC instructions.

Minimum climb gradient of 8.4% up to 5500 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	RWY	LAT	LONG	HGT (ft)	ELEV (ft)
Building	10	431753.0 N	0025444.5W	127	231
Fence	10	431816.6N	0025423.3W	125	278
Building	10	431816.6N	0025423.3W	119	272

SIGNIFICANT OBSTACLES

OBST	RWY	LAT	LONG	HGT (ft)	ELEV (ft)
Crane	10	431816.9N	0025418.7W	129	284
Vegetation	10	431827.9N	0025235.1W	96	576
Tree	10	431828.4N	0025228.3W	83	662
Tree	10	431826.2N	0025218.0W	79	713
Electricity pylon	10	431835.9N	0025104.1W	133	919
Tree	10	431838.7N	0025051.2W	102	1155
Vegetation	10	431631.3N	0024425.3W	55	1880
Terrain	10	430409.2N	0024749.3W	-	4275
Tree	10	431856.4N	0025110.7W	70	1258
Vegetation	10	431901.7N	0025113.2W	85	1207
Vegetation	10	431845.0N	0025215.7W	55	758

OBST	RWY	LAT	LONG	HGT (ft)	ELEV (ft)
Vegetation	10	431826.5N	0025216.3W	67	718
Electricity pylon	10	431517.4N	0025030.8W	38	1426
Vegetation	10	431518.1N	0025028.8W	80	1450