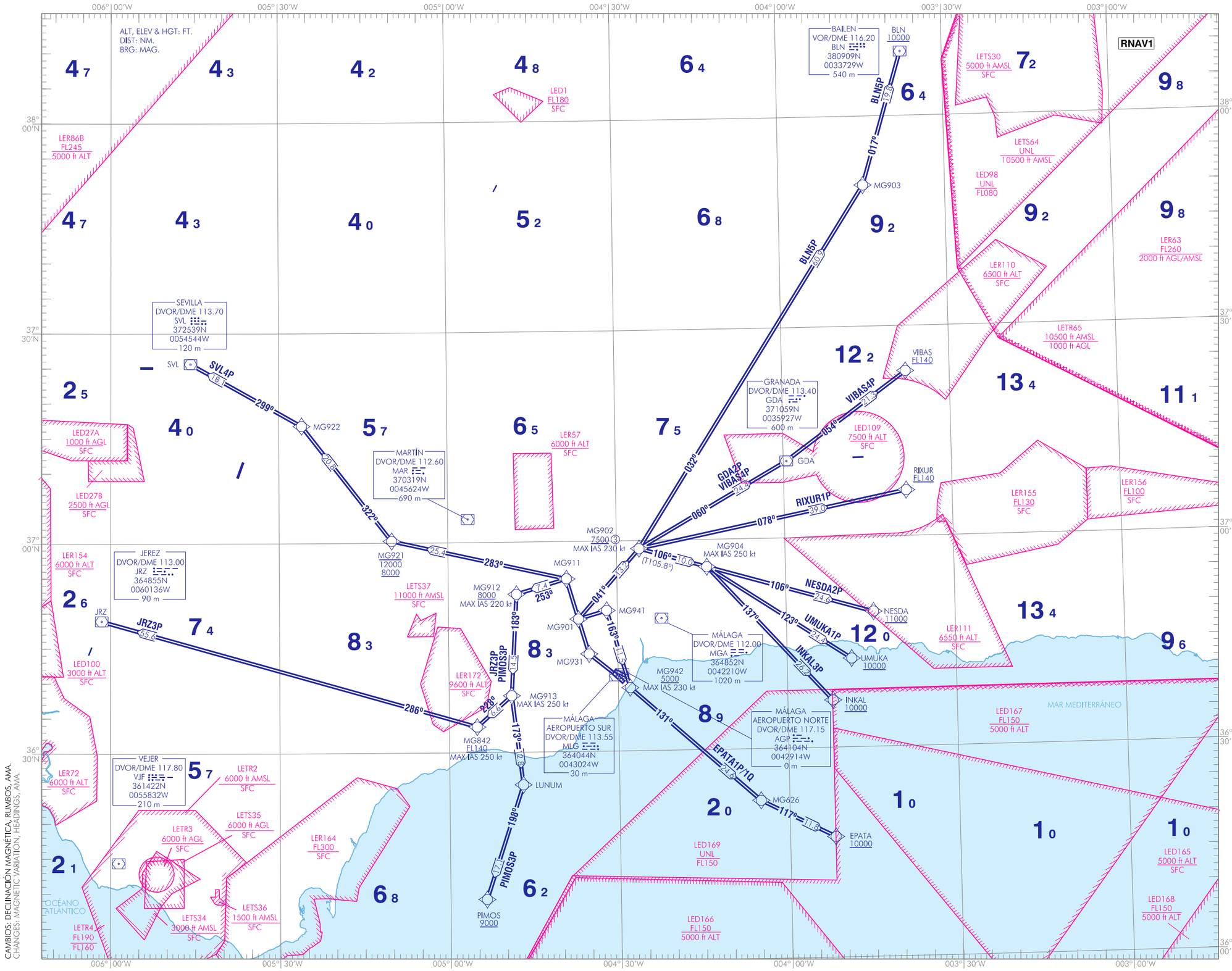
CARTA DE SALIDA NORMALIZADA
VUELO POR INSTRUMENTOS (SID) - OACI

VAR 0° (2025)

TA 13000 ft

DEP 118.455 C
TWR W 118.155 C
ATIS DEP 124.480 C

BLN5P NESDA2P | EPATA1P PIMOS3P | EPATA1Q RIXUR1P | GDA2P SVL4P | INKAL3P UMUKA1P | JRZ3P VIBAS4P

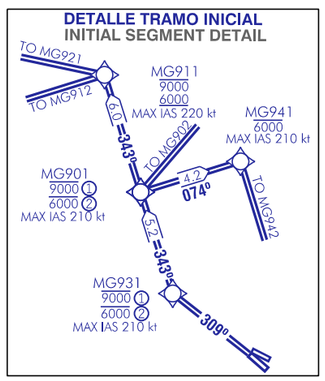



CAMBIOS: DECLINACIÓN MAGNÉTICA, RUMBOS, AMA.
CHANGES: MAGNETIC VARIATION, HEADINGS, AMA.

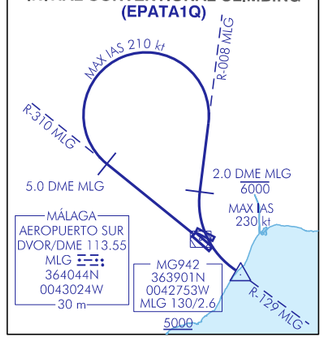
NOTAS:
① JRZ3P, PIMOS3P Y SVL4P.
② EPATA1P.
③ BLN5P Y GDA2P.
- PARA LAS SALIDAS EPATA1P/EPATA1Q:
  RNAV1 (DME/DME) DME MGA Y AMR CRÍTICOS.
  RNAV1 (DME/DME/IRU) DME AMR CRÍTICO.
- PARA LAS SALIDAS INKAL3P, NESDA2P Y UMUKA1P:
  RNAV1 (DME/DME) DME MGA Y GDA CRÍTICOS.
  RNAV1 (DME/DME/IRU) SIN DME CRÍTICO.
- PARA EL RESTO DE SALIDAS:
  RNAV1 (DME/DME) DME MGA CRÍTICO.
  RNAV1 (DME/DME/IRU) SIN DME CRÍTICO.
- AUTOSWITCH: SALVO INSTRUCCIÓN EN CONTRA DE MÁLAGA TWR, ANTES DE ALCANZAR 2000 TRAS EL DESPEGUE, CONTACTAR CON MÁLAGA DEP EN LA FRECUENCIA CORRESPONDIENTE. EN CASO DE NO ESTABLECER CONTACTO CON MÁLAGA DEP, CONTACTAR DE NUEVO CON MÁLAGA TWR.

NOTES:
① JRZ3P, PIMOS3P AND SVL4P.
② EPATA1P.
③ BLN5P AND GDA2P.
- FOR DEPARTURES EPATA1P/EPATA1Q:
  RNAV1 (DME/DME) DME MGA AND AMR CRITICAL.
  RNAV1 (DME/DME/IRU) DME AMR CRITICAL.
- FOR DEPARTURES INKAL3P, NESDA2P AND UMUKA1P:
  RNAV1 (DME/DME) DME MGA AND GDA CRITICAL.
  RNAV1 (DME/DME/IRU) WITHOUT CRITICAL DME.
- FOR THE REST OF DEPARTURES:
  RNAV1 (DME/DME) DME MGA CRITICAL.
  RNAV1 (DME/DME/IRU) WITHOUT CRITICAL DME.
- AUTOSWITCH: UNLESS OTHERWISE INSTRUCTED BY MÁLAGA TWR, BEFORE REACHING 2000 AFTER TAKE-OFF, CONTACT MÁLAGA DEP ON THE CORRESPONDING FREQUENCY. IN THE EVENT CONTACT WITH MÁLAGA DEP CANNOT BE ESTABLISHED, CONTACT BACK MÁLAGA TWR.

**DETALLE TRAMO INICIAL**
**INITIAL SEGMENT DETAIL**




**ASCENSO INICIAL CONVENCIONAL**
**INITIAL CONVENTIONAL CLIMBING**
**(EPATA1Q)**




1:1 000 000
0 10 20 30 40 km
0 10 20 NM

INTENCIONADAMENTE EN BLANCO
INTENTIONALLY BLANK

## MÁLAGA/Costa del Sol AD

| COORDENADAS WAYPOINTS // WAYPOINTS COORDINATES | |
|---|---|
| WPT | COORD |
| BLN | 380909.2N 0033729.0W |
| EPATA | 361713.4N 0035200.0W |
| GDA | 371059.4N 0035927.3W |
| INKAL | 363643.5N 0035200.0W |
| JRZ | 364854.7N 0060135.5W |
| MG626 | 362236.3N 0040504.1W |
| MG842 | 363339.7N 0045504.3W |
| MG901 | 364854.8N 0043654.6W |
| MG902 | 365850.7N 0042558.3W |
| MG903 | 375009.1N 0034444.3W |
| MG904 | 365606.9N 0041358.4W |
| MG911 | 365440.7N 0043900.8W |
| MG912 | 365233.3N 0044753.2W |
| MG913 | 363804.9N 0044854.3W |
| MG921 | 370016.2N 0050959.3W |
| MG922 | 371645.6N 0052556.1W |
| MG931 | 364355.1N 0043505.6W |
| MG941 | 365005.6N 0043153.4W |
| MG942 | 363901.0N 0042752.8W |
| LUNUM | 362520.5N 0044700.0W |
| NESDA | 364917.3N 0034430.2W |
| PIMOS | 360901.3N 0045336.5W |
| RIXUR | 370631.9N 0033811.4W |
| SVL | 372539.3N 0054544.0W |
| UMUKA | 364239.0N 0034833.5W |
| VIBAS | 372332.0N 0033751.1W |

| DME CRÍTICO // CRITICAL DME | | |
|---|---|---|
| INSTALACIÓN (ID)<br>FACILITY (ID) | FREQ / CH | COORD |
| ALMERIA (AMR) | 114.10 MHz<br>88X | 364959.4007N 0021533.9251W |
| GRANADA (GDA) | 113.40 MHz<br>81X | 371059.9364N 0035927.2565W |
| MÁLAGA (MGA) | 112.00 MHz<br>57X | 364851.0310N 0042210.6412W |

### SALIDAS NORMALIZADAS POR INSTRUMENTOS (SID)

PISTA 31

Las aeronaves de salida sin aprobación operacional RNAV1 deberán notificarlo a Málaga TWR en primera comunicación (frecuencia de CLR) y serán instruidas a proceder de acuerdo con lo establecido en la salida de contingencia.

### NOTAS APLICABLES A TODAS LAS SID:

– RNAV1 (excepto salida de contingencia).
– CONTROL DE VELOCIDAD:
IAS MAX 250 kt hasta alcanzar 10000 ft.
– RNAV1 (DME/DME) DME MGA CRÍTICO
– RNAV1 (DME/DME/IRU) SIN DME CRÍTICO.
EXC salida EPATA1P/1Q.

### ASCENSO INICIAL CONVENCIONAL

→ SALIDA EPATA (EPATA1Q)

Subir en R-310 MLG hasta 5.0 DME MLG. Viraje a la derecha (IAS MAX 210 kt) para interceptar y seguir R-008 MLG hacia DVOR/DME MLG hasta 2.0 DME MLG a o por debajo de 6000 ft. Viraje a la izquierda (IAS MAX 230 kt) para interceptar y seguir R-129 MLG directo a MG942 a o por encima de 5000 ft. (Ver codificación)
Pendiente mínima de ascenso 6.0% hasta 2.0 DME MLG en acercamiento.

### STANDARD INSTRUMENT DEPARTURES (SID)

RUNWAY 31

Outbound aircraft without RNAV1 operational clearance shall notify Málaga TWR in their initial call (CLR Frecuency) and they shall be instructed to proceed according to the guidelines established for this contingency departure.

### NOTES APPLICABLE TO ALL SID:

– RNAV1 (except contingency departure).
– SPEED CONTROL:
IAS MAX 250 kt to reach 10000 ft.
– RNAV1 (DME/DME) DME MGA CRITICAL.
– RNAV1 (DME/DME/IRU) WITHOUT CRITICAL DME.
EXC EPATA1P/1Q departure.

### INITIAL CONVENTIONAL CLIMBING

EPATA DEPARTURE (EPATA1Q)

Climb on R-310 MLG up to 5.0 DME MLG. Turn right (MAX IAS 210 kt) to intercept and follow R-008 MLG to DVOR/DME MLG to 2.0 DME MLG to or below 6000 ft. Turn left (MAX IAS 230 kt) to intercept and follow R-129 MLG direct to MG942 to or above 5000 ft. (See coding)
Minimum climb gradient of 6.0% up to 2.0 DME MLG on inbound.

SALIDA DE CONTINGENCIA (ODP) LEMG UNO PAPA. (LEMG1P). SOLO USO TÁCTICO. NO PLANIFICABLE.

Subir en rumbo 307º hasta 5800 ft AMSL. Continuar según instrucciones ATC.

Pendiente mínima de ascenso 8.8%.

En caso de fallo de comunicaciones, proceder según lo establecido en la sección ENR 1.8, apartado "Fallo de las comunicaciones aeroterrestres" de AIP-España.

CONTINGENCY DEPARTURE (ODP) LEMG ONE PAPA (LEMG1P). TACTICAL USE ONLY. UNPLANNABLE.

Climb on heading 307º up to 5800 ft AMSL. Turn following the ATC instructions.

Minimum climb gradient of 8.8%.

In case of communication failure, proceed according to the established in section ENR 1.8, item "Air-ground Communication Failure" in AIP-ESPAÑA.

→

DESCRIPCIÓN TABULAR DEL PROCEDIMIENTO
PROCEDURE TABULAR DESCRIPTION

| Número de serie Serial number | Descriptor de trayectoria Path Terminator | Identificador de punto de recorrido Waypoint identifier | Sobrevuelo Fly-over | Curso / Derrota Course/Track ºM (ºT) | Variación magnética Magnetic variation | Distancia Distance (NM) | Dirección de viraje Turn direction | Altitud Altitude (ft) | Velocidad Speed (kt) | VPA/TCH (º/ft) | Especificación de navegación Navigation specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **BLN5P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | +7500 | -230 | - | RNAV1 |
| 004 | TF | MG903 | - | 032 (032.5) | -0.3 | 60.9 | - | - | - | - | RNAV1 |
| 005 | TF | BLN | - | 017 (016.8) | -0.3 | 19.8 | - | +10000 | - | - | RNAV1 |
| **EPATA1P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.0% hasta MG941. // Minimum climb gradient of 6.0% up to MG941. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. RNAV1 (DME/DME) DME AMR CRÍTICO. // DME AMR CRITICAL. RNAV1 (DME/DME/IRU) DME AMR CRÍTICO. // DME AMR CRITICAL. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | - | - | RNAV1 |
| 003 | TF | MG941 | - | 074 (073.7) | -0.3 | 4.2 | - | -6000 | -210 | - | RNAV1 |
| 004 | TF | MG942 | - | 163 (163.7) | -0.3 | 11.5 | - | +5000 | -230 | - | RNAV1 |
| 005 | TF | MG626 | - | 131 (131.6) | -0.3 | 24.6 | - | - | - | - | RNAV1 |
| 006 | TF | EPATA | - | 117 (116.9) | -0.3 | 11.8 | - | +10000 | - | - | RNAV1 |
| **EPATA1Q** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.0% hasta 2.0 DME MLG en acercamiento. // Minimum climb gradient of 6.0% up to 2.0 DME MLG on inbound. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. RNAV1 (DME/DME) DME AMR CRÍTICO. // DME AMR CRITICAL. RNAV1 (DME/DME/IRU) DME AMR CRÍTICO. // DME AMR CRITICAL. | | | | | | | | | | | |
| 001 | IF | MG942 | Y | - | -0.3 | - | - | +5000 | -230 | - | RNAV1 |
| 002 | TF | MG626 | - | 131 (131.6) | -0.3 | 24.6 | - | - | - | - | RNAV1 |
| 003 | TF | EPATA | - | 117 (116.9) | -0.3 | 11.8 | - | +10000 | - | - | RNAV1 |
| **GDA2P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | +7500 | -230 | - | RNAV1 |
| 004 | TF | GDA | - | 060 (060.1) | -0.3 | 24.4 | - | - | - | - | RNAV1 |

| Número de serie Serial number | Descriptor de trayectoria Path Terminator | Identificador de punto de recorrido Waypoint identifier | Sobrevuelo Fly-over | Curso / Derrota Course/Track ºM (ºT) | Variación magnética Magnetic variation | Distancia Distance (NM) | Dirección de viraje Turn direction | Altitud Altitude (ft) | Velocidad Speed (kt) | VPA/TCH (º/ft) | Especificación de navegación Navigation specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **INKAL3P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| RNAV1 (DME/DME) DME GDA CRÍTICO. // DME GDA CRITICAL. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | - | -230 | - | RNAV1 |
| 004 | TF | MG904 | - | 106 (105.8) | -0.3 | 10.0 | - | - | -250 | - | RNAV1 |
| 005 | TF | INKAL | - | 137 (137.5) | -0.3 | 26.2 | - | +10000 | - | - | RNAV1 |
| **JRZ3P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.6% hasta MG913 debida a motivos operacionales. // Minimum climb gradient of 6.6% up to MG913, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG911 | - | 343 (343.7) | -0.3 | 6.0 | - | -9000<br>+6000 | - | - | RNAV1 |
| 004 | TF | MG912 | - | 253 (253.4) | -0.3 | 7.4 | - | +8000 | -220 | - | RNAV1 |
| 005 | TF | MG913 | - | 183 (183.2) | -0.3 | 14.5 | - | - | - | - | RNAV1 |
| 006 | TF | MG842 | - | 228 (228.4) | -0.3 | 6.6 | - | +FL140 | -250 | - | RNAV1 |
| 007 | TF | JRZ | - | 286 (286.2) | -0.3 | 55.6 | - | - | - | - | RNAV1 |
| **NESDA2P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| RNAV1 (DME/DME) DME GDA CRÍTICO. // DME GDA CRITICAL. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | - | -230 | - | RNAV1 |
| 004 | TF | MG904 | - | 106 (105.8) | -0.3 | 10.0 | - | - | -250 | - | RNAV1 |
| 005 | TF | NESDA | - | 106 (105.9) | -0.3 | 24.6 | - | +11000 | - | - | RNAV1 |
| **PIMOS3P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.6% hasta MG912, debida a motivos operacionales. // Minimum climb gradient of 6.6% up to MG912, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG911 | - | 343 (343.7) | -0.3 | 6.0 | - | -9000<br>+6000 | - | - | RNAV1 |
| 004 | TF | MG912 | - | 253 (253.4) | -0.3 | 7.4 | - | +8000 | -220 | - | RNAV1 |
| 005 | TF | MG913 | - | 183 (183.2) | -0.3 | 14.5 | - | - | -250 | - | RNAV1 |
| 006 | TF | LUNUM | - | 173 (173.1) | -0.3 | 12.8 | - | - | - | - | RNAV1 |
| 007 | TF | PIMOS | - | 198 (198.2) | -0.3 | 17.1 | - | +9000 | - | - | RNAV1 |
| **RIXUR1P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | - | -230 | - | RNAV1 |
| 004 | TF | RIXUR | - | 078 (078.4) | -0.3 | 39.0 | - | +FL140 | - | - | RNAV1 |

| Número de serie Serial number | Descriptor de trayectoria Path Terminator | Identificador de punto de recorrido Waypoint identifier | Sobrevuelo Fly-over | Curso / Derrota Course/Track ºM (ºT) | Variación magnética Magnetic variation | Distancia Distance (NM) | Dirección de viraje Turn direction | Altitud Altitude (ft) | Velocidad Speed (kt) | VPA/TCH (º/ft) | Especificación de navegación Navigation specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVL4P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.6% hasta MG911, debida a motivos operacionales. // Minimum climb gradient of 6.6% up to MG911, due to operational reasons. Pendiente mínima de ascenso 3.9% desde MG911 hasta MG921, debida a motivos operacionales. // Minimum climb gradient of 3.9% from MG911 up to MG921, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG911 | - | 343 (343.7) | -0.3 | 6.0 | - | -9000 +6000 | -220 | - | RNAV1 |
| 004 | TF | MG921 | - | 283 (282.8) | -0.3 | 25.4 | - | -12000 +8000 | - | - | RNAV1 |
| 005 | TF | MG922 | - | 322 (322.3) | -0.3 | 20.8 | - | - | - | - | RNAV1 |
| 006 | TF | SVL | - | 299 (299.5) | -0.3 | 18.1 | - | - | - | - | RNAV1 |
| **UMUKA1P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. RNAV1 (DME/DME) DME GDA CRÍTICO. // DME GDA CRITICAL. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | - | -230 | - | RNAV1 |
| 004 | TF | MG904 | - | 106 (105.8) | -0.3 | 10.0 | - | - | -250 | - | RNAV1 |
| 005 | TF | UMUKA | - | 123 (123.3) | -0.3 | 24.4 | - | +10000 | - | - | RNAV1 |
| **VIBAS4P** | | | | | | | | | | | |
| Pendiente mínima de ascenso 6.5% hasta MG902, debida a motivos operacionales. // Minimum climb gradient of 6.5% up to MG902, due to operational reasons. Autorización inicial ATC: ascender a 10000 ft, solicitar cambio de nivel en frecuencia de Málaga APP. // Initial ATC clearance: climb to 10000 ft, request flight level change on Málaga APP frequency. | | | | | | | | | | | |
| 001 | CF | MG931 | - | 309 (309.1) | -0.3 | - | - | - | - | - | RNAV1 |
| 002 | TF | MG901 | - | 343 (343.7) | -0.3 | 5.2 | - | - | -210 | - | RNAV1 |
| 003 | TF | MG902 | - | 041 (041.4) | -0.3 | 13.2 | - | - | -230 | - | RNAV1 |
| 004 | TF | GDA | - | 060 (060.1) | -0.3 | 24.4 | - | - | - | - | RNAV1 |
| 005 | TF | VIBAS | - | 054 (053.9) | -0.3 | 21.3 | - | +FL140 | - | - | RNAV1 |

| OBSTÁCULOS CERCANOS QUE PENETRAN LA OIS // CLOSE-IN OBSTACLES WHICH PENETRATE THE OIS | | | | | |
|---|---|---|---|---|---|
| OBST | RWY | LAT | LONG | HGT (ft) | ELEV (ft) |
| Árbol // Tree | 31 | 364108.7N | 0043107.9W | 66 | 100 |

| OBSTÁCULOS SIGNIFICATIVOS // SIGNIFICANT OBSTACLES | | | | | |
|---|---|---|---|---|---|
| OBST | RWY | LAT | LONG | HGT (ft) | ELEV (ft) |
| Terreno // Terrain | 31 | 364147.5N | 0043537.5W | 0 | 948 |
| Vértice geodésico // Geodesic vertex | 31 | 364538.4N | 0043431.9W | 5 | 937 |
| Torre eléctrica // Electricity pylon | 31 | 364608.7N | 0043405.0W | 167 | 1048 |
| Terreno // Terrain | 31 | 364227.5N | 0043601.4W | 0 | 1060 |
| Terreno // Terrain | 31 | 364219.3N | 0043621.2W | 0 | 1207 |
| Torre eléctrica // Electricity pylon | 31 | 364720.6N | 0043311.1W | 134 | 1277 |
| Vértice geodésico // Geodesic vertex | 31 | 364237.0N | 0043617.5W | 0 | 1329 |
| Árbol // Tree | 31 | 364732.2N | 0043529.8W | 14 | 1344 |
| Arbusto // Bush | 31 | 364739.8N | 0043527.2W | 21 | 1376 |
| Terreno // Terrain | 31 | 364807.5N | 0043234.6W | 0 | 1424 |
| Terreno // Terrain | 31 | 364204.1N | 0043746.8W | 0 | 1427 |
| Torre eléctrica // Electricity pylon | 31 | 364755.5N | 0043531.1W | 140 | 1518 |
| Árbol // Tree | 31 | 364749.2N | 0043648.1W | 31 | 1651 |
| Terreno // Terrain | 31 | 364810.2N | 0043523.3W | 0 | 1601 |
| Terreno // Terrain | 31 | 364811.0N | 0043551.4W | 0 | 1627 |

| OBSTÁCULOS SIGNIFICATIVOS // SIGNIFICANT OBSTACLES | | | | | |
|---|---|---|---|---|---|
| OBST | RWY | LAT | LONG | HGT (ft) | ELEV (ft) |
| Terreno // Terrain | 31 | 364811.0N | 0043551.4W | 0 | 1627 |
| Terreno // Terrain | 31 | 364756.6N | 0043651.1W | 0 | 1673 |
| Terreno // Terrain | 31 | 364849.4N | 0043522.8W | 0 | 2074 |
| Terreno // Terrain | 31 | 364918.3N | 0043608.1W | 0 | 2306 |
| Terreno // Terrain | 31 | 364928.3N | 0043618.8W | 0 | 2375 |
| Terreno // Terrain | 31 | 364932.6N | 0043537.3W | 0 | 2618 |
| Terreno // Terrain | 31 | 365802.8N | 0042752.1W | 0 | 4019 |
| Terreno // Terrain | 31 | 365804.4N | 0042735.0W | 0 | 4213 |
| Terreno // Terrain | 31 | 365655.9N | 0042355.3W | 0 | 4396 |
| Terreno // Terrain | 31 | 365654.7N | 0042350.4W | 0 | 4439 |
| Terreno // Terrain | 31 | 365729.1N | 0042208.4W | 0 | 4672 |