

## RUTAS DE NAVEGACIÓN DE ÁREA

### GENERALIDADES

La determinación de las rutas ATS está de acuerdo con lo establecido por OACI en el anexo 11 y el documento 8168.

Los criterios utilizados para el cálculo de rumbos y distancias son:

- Cuando la diferencia entre el rumbo geográfico inicial y final es menor o igual a un grado se calcula el rumbo medio. Para obtener el rumbo magnético se utiliza la declinación magnética media en dicho tramo.
- Cuando la diferencia entre el rumbo geográfico inicial y final es superior a un grado se mantiene la diferencia. Para obtener los rumbos magnéticos inicial y final se aplica la declinación correspondiente a dichos puntos. La declinación magnética utilizada es la del año 2025.
- La distancia se publica en millas náuticas y décimas de milla.

En las rutas ATS se especifican sus límites verticales. El límite inferior asegura como mínimo, en condiciones de atmósfera estándar internacional (ISA), una separación vertical de 300 m (1000 ft), 600 m (2000 ft) en terreno montañoso, por encima del obstáculo más alto o del límite superior de las zonas restringidas. La altitud/nivel de vuelo mínimo utilizable por un vuelo IFR durante el vuelo es 500 ft o 1500 ft por encima del límite inferior de la ruta, dependiendo de si la ruta requiere nivel par o impar, a menos que en la casilla de observaciones se especifique otra altitud/nivel de vuelo.

### CLASIFICACIÓN DE LAS RUTAS ATS

Clase F: Todas las rutas con servicio de asesoramiento.

En las aerovías en las que se indique ASC: "C/D", hay que considerar:

- FL145-FL660 Clase C,
- MEA FL145 Clase D.

### RUTAS CONDICIONALES (CDR)

Consultar ENR 1.9.

### TABLA DE RUTAS DE NAVEGACIÓN DE ÁREA

| Designador de ruta |  |      |           |   |                         |       |     |     |               |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición             |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |               |               |
| NAV                | TR MAG                                   |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |               |               |
| L2                 |  |      |           |   |                         |       |     |     |               |               |
| Δ                  | VILLANUEVA NDB (VNV)<br>411238N 0014221E |      |           | VILAFRANCA DVOR/DME (VLA) 136° 10.7<br>660m |                         |       |     |     |               |               |
| RNAV5              |  | 340° | 32.6      | FL305<br>FL095                              | (+/-) 5 NM              |       | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | NEPAL<br>404134N 0015529E                |      |           | EL PRAT DVOR/DME (PRA) 189° 36.1 0m         |                         |       |     |     |               |               |
| RNAV5              |  | 340° | 25.8      | FL305<br>FL095                              | (+/-) 5 NM              |       | ↑   | C/D | BARCELONA ACC |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |               |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                            | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |               |               |
| Δ                  | ESPOR<br>401659N 0020544E   |      |           |                    | POLLENSA DVOR/DME (POS) 293° 51.4 360m             |       |     |     |               |               |
| RNAV5              |   | 341° | 46.1      | FL305<br>FL095     | (+/-) 5 NM   |       | ↑   | C/D | BARCELONA ACC | (1)           |
| Δ                  | ANDRAITX NDB (ADX)<br>393258N 0022345E                                    |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>265° 16,3 0m |       |     |     |               |               |
| (1)                | <u>Tramo ESPOR-NDB ADX</u><br>FL095-FL145: responsabilidad de PALMA TACC. |      |           |                    |  |       |     |     |               |               |

| L14   |  |      |      |                |  |   |   |     |                |     |
|-------|--|------|------|----------------|--|---|---|-----|----------------|-----|
| ▲     | POPUL<br>435655N 0025025W                              |      |      |                | BILBAO DVOR/DME (BLV) 005° 38.9 30m    |   |   |     | Ver AIP France |     |
| RNAV5 |  | 005° | 38.8 | FL660<br>FL145 | (+/-) 5 NM                             |   | ↑ | C   | MADRID ACC     |     |
| Δ     | BILBAO DVOR/DME (BLV)<br>431815N 0025531W              |      |      |                |  |   |   |     |                |     |
| RNAV5 | 215°   |      | 22.4 | FL660<br>FL095 | (+/-) 5 NM                             | ↓ |   | C/D | MADRID ACC     |     |
| Δ     | AMTOS<br>430000N 0031316W                              |      |      |                | BILBAO DVOR/DME (BLV) 215° 22.4 30m    |   |   |     |                |     |
| RNAV5 | 214°   |      | 70.4 | FL660<br>FL095 | (+/-) 5 NM                             | ↓ |   | C/D | MADRID ACC     |     |
| Δ     | TABANERA DEL CERRATO VOR/DME (NEA)<br>420139N 0040633W |      |      |                |  |   |   |     |                |     |
| RNAV5 | 221°   |      | 58.7 | FL660<br>FL145 | (+/-) 5 NM                             | ↓ |   | C   | MADRID ACC     | (1) |
| Δ     | ZANKO<br>411717N 0045753W                              |      |      |                | SALAMANCA VOR/DME (BBI) 054° 27.6 900m |   |   |     |                |     |
| RNAV5 | 220°   |      | 59.2 | FL660<br>FL145 | (+/-) 5 NM                             | ↓ |   | C   | MADRID ACC     |     |
| Δ     | RIDAV<br>403207N 0054830W                              |      |      |                | SALAMANCA VOR/DME (BBI) 209° 33.0 900m |   |   |     |                |     |
| RNAV5 | 220°   |      | 40.5 | FL660<br>FL145 | (+/-) 5 NM                             | ↓ |   | C   | MADRID ACC     |     |
| ▲     | ADINO<br>400104N 0062225W                              |      |      |                | CÁCERES DVOR/DME (CCS) 006° 29.8 420m  |   |   |     | LISBOA ACC     |     |
| RNAV5 | 220°   |      | 18.4 | FL245<br>FL195 | (+/-) 5 NM                             | ↓ |   | C   | MADRID ACC     | (2) |
| Δ     | RAKOD<br>394651N 0063743W                              |      |      |                | CÁCERES DVOR/DME (CCS) 330° 17.8 420m  |   |   |     |                |     |

| Designador de ruta |   |      |           |                    |   |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                  |               |
| RNAV5              | 220°  |      | 43.5      | FL245<br>FL195     | (+/-) 5 NM  | ↓     |     | C   | MADRID ACC       |               |
| ▲                  | ELVAR<br>391310N 0071324W   |      |           |                    | CÁCERES DVOR/DME (CCS) 244° 40.9 420m                 |       |     |     | Ver AIP Portugal |               |
| (1)                | <p><b>Tramo VOR/DME NEA-ELVAR</b><br/>                     Sujeto a la actividad de las LER71B/C.<br/>                     - FL145-FL245:<br/>                     • CDR1: MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL<br/>                     • PERM: Resto del tiempo, disponible<br/>                     • Ruta ALTN: NEA N976 ARDID</p> |      |           |                    |   |       |     |     |                  |               |
| (2)                | Servicios de tránsito aéreo delegados de Madrid ACC a Lisboa ACC entre ADINO y el límite del UIR a partir de FL245. Espacio aéreo Free Route, ver AIP-Portugal  |      |           |                    |   |       |     |     |                  |               |
| <b>L16</b>         |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | SARGO<br>403000N 0035931E   |      |           |                    | MENORCA DVOR/DME (MHN) 343° 39.6 90m                  |       |     |     |                  |               |
| RNAV5              | 342°  | 162° | 32.0      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | BARCELONA ACC    |               |
| Δ                  | TOSNU<br>410055N 0034825E   |      |           |                    | BAGUR DVOR/DME (BGR) 152° 62.1 330m                   |       |     |     |                  |               |
| RNAV5              | 342°  | 162° | 8.6       | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | BARCELONA ACC    |               |
| Δ                  | VERSO<br>410911N 0034525E   |      |           |                    | BAGUR DVOR/DME (BGR) 150° 53.7 330m                   |       |     |     |                  |               |
| RNAV5              | 330°  | 150° | 26.4      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | BARCELONA ACC    |               |
| Δ                  | AGENA<br>413241N 0032919E   |      |           |                    | BAGUR DVOR/DME (BGR) 150° 27.2 330m                   |       |     |     |                  |               |
| RNAV5              | 330°  | 150° | 12.8      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | BARCELONA ACC    |               |
| Δ                  | DALIN<br>414402N 0032128E   |      |           |                    | BAGUR DVOR/DME (BGR) 150° 14.5 330m                   |       |     |     |                  |               |
| RNAV5              | 330°  | 150° | 14.5      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | BARCELONA ACC    |               |
| Δ                  | BAGUR DVOR/DME (BGR)<br>415652N 0031232E  |      |           |                    |   |       |     |     |                  |               |
| <b>L27</b>         |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | KORIS<br>355000N 0061421W   |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>208° 27.5 210m |       |     |     | Ver AIP Morocco  |               |
| RNAV5              | 028°  | 208° | 6.8       | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC      | (1)           |
| Δ                  | XULIM<br>355601N 0061028W   |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>208° 20.7 210m |       |     |     |                  |               |

| Designador de ruta |   |      |           |                           |   |       |     |     |             |               |
|--------------------|---|------|-----------|---------------------------|---|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                            |      |           |                           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |       |     |     |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES        | PRECISIÓN DE NAVEGACIÓN                     | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |                           |   | Impar | Par |     |             |               |
| RNAV5              | 028°  | 208° | 20.7      | FL660<br>FL095            | (+/-) 5 NM                                  | ↑     | ↓   | C/D | SEVILLA ACC | (2)           |
| Δ                  | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 046°  | 226° | 69.9      | FL660<br>FL095            | (+/-) 5 NM                                  | ↑     | ↓   | C/D | SEVILLA ACC | (3)           |
| Δ                  | MARTÍN DVOR/DME (MAR)<br>370319N 0045624W               |      |           |                           |   |       |     |     |             |               |
| RNAV5              |   | 223° | 90.9      | FL660<br>FL095            | (+/-) 5 NM                                  | ↑     |     | C/D | SEVILLA ACC |               |
| Δ                  | BAILÉN VOR/DME (BLN)<br>380909N 0033729W                |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 020°  | 200° | 54.2      | FL660<br>FL095            | (+/-) 5 NM                                  | ↑     | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | ANZAN<br>390000N 0031317W                               |      |           |                           | VILLATOBAS DVOR/DME (VTB) 166° 48.2<br>720m |       |     |     |             |               |
| RNAV5              | 020°  | 200° | 25.6      | FL660<br>FL095            | (+/-) 5 NM                                  | ↑     | ↓   | C/D | MADRID ACC  |               |
| Δ                  | NASOS<br>392357N 0030140W                               |      |           |                           | VILLATOBAS DVOR/DME (VTB) 138° 30.5<br>720m |       |     |     |             |               |
| RNAV5              | 020°  | 200° | 12.2      | FL660<br>FL105            | (+/-) 5 NM                                  | ↑     | ↓   | C/D | MADRID ACC  |               |
| Δ                  | INTAX<br>393524N 0025602W                               |      |           |                           | VILLATOBAS DVOR/DME (VTB) 114° 27.1 720m    |       |     |     |             |               |
| RNAV5              | 020°  | 200° | 50.2      | FL660<br>10500 ft<br>AMSL | (+/-) 5 NM                                  | ↑     | ↓   | C/D | MADRID ACC  |               |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W             |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 026°  |      | 47.4      | FL660<br>9500 ft<br>AMSL  | (+/-) 5 NM                                  |       | ↓   | C/D | MADRID ACC  |               |
| Δ                  | BRITO<br>410445N 0020441W                               |      |           |                           | BARAHONA DVOR/DME (BAN) 119° 28.9<br>1140m  |       |     |     |             |               |
| RNAV5              | 031°  |      | 72.5      | FL660<br>FL145            | (+/-) 5 NM                                  |       | ↓   | C   | MADRID ACC  | (4)           |
| Δ                  | YAKXU<br>420555N 0011246W                               |      |           |                           | ZARAGOZA VOR/DME (ZAR) 342° 27.7 270m       |       |     |     |             |               |

| Designador de ruta |  |      |           |  |                         |       |     |     |                   |               |
|--------------------|--|------|-----------|--|-------------------------|-------|-----|-----|-------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV      |                         |       |     |     |                   |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL        | OBSERVACIONES |
|                    | ↓  | ↑    |           |  |                         | Impar | Par |     |                   |               |
| (1)                | <p><b>Tramo KORIS-DVOR/DME MAR</b><br/>- Sujeto a la actividad de la LETR4.</p> <p><b>Tramo KORIS-XULIM</b><br/>- FL145-FL660: unidireccional PAR FL.</p>  |      |           |  |                         |       |     |     |                   |               |
| (2)                | <p><b>Tramo XULIM-DVOR/DME VJF</b><br/>- FL145-FL660: unidireccional PAR FL.</p>   |      |           |  |                         |       |     |     |                   |               |
| (3)                | <p><b>Tramo DVOR/DME VFJ-DVOR/DME MAR</b><br/>Requiere aprobación RNAV5 (DME/DME o GNSS).<br/>- FL145-FL660: unidireccional PAR FL.</p>  |      |           |  |                         |       |     |     |                   |               |
| (4)                | <p><b>Tramo BRITO-YAKXU</b><br/>- FL145-FL245: unidad CTL ZARAGOZA TACC.</p> <p>Sujeto a la actividad de las LED47A/B.<br/>- FL365-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> RFL &lt; 365.</p> <p>Sujeto a la actividad de la LED50.<br/>- FL145-FL235:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> RFL &gt; 245.</p> |      |           |  |                         |       |     |     |                   |               |
| <b>L34</b>         |  |      |           |  |                         |       |     |     |                   |               |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W  |      |           |  |                         |       |     |     |                   |               |
| RNAV5              |  | 182° | 73.1      | $\frac{FL660}{FL095}$                  | (+/-) 5 NM              | ↑     |     | C/D | BARCELONA ACC (1) |               |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W  |      |           |  |                         |       |     |     |                   |               |
| RNAV5              | 032°   |      | 53.2      | $\frac{FL660}{FL145}$                  | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC (2) |               |
| Δ                  | CASIM<br>401351N 0000835E  |      |           | CASTELLÓN DVOR/DME (CTN) 072° 2.6 360m |                         |       |     |     |                   |               |
| (1)                | <p><b>Tramo DVOR/DME VLC-VOR/DME ALT</b><br/>FL095-FL145: responsabilidad de VALENCIA TACC .</p>   |      |           |  |                         |       |     |     |                   |               |
| (2)                | <p><b>Tramo DVOR/DME VLC-CASIM</b><br/>Requiere aprobación RNAV5 (GNSS).</p>   |      |           |  |                         |       |     |     |                   |               |
| <b>L45</b>         |  |      |           |  |                         |       |     |     |                   |               |
| Δ                  | SOSAV<br>391625N 0012944W  |      |           | CALLES DVOR/DME (CLS) 221° 35.1 570m   |                         |       |     |     |                   |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV          |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                    | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |                 |               |
| RNAV5              | 074°  | 254° | 31.7      | FL245<br>FL095     | (+/-) 5 NM                                 | ↑     | ↓   | C/D | VALENCIA TACC   | (1)           |
| Δ                  | MOPIR<br>392445N 0005016W   |      |           |                    | VALENCIA DVOR/DME (VLC) 254° 17.0 60m      |       |     |     |                 |               |
| RNAV5              | 074°  | 254° | 17.1      | FL245<br>FL095     | (+/-) 5 NM                                 | ↑     | ↓   | C/D | VALENCIA TACC   |               |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W   |      |           |                    |  |       |     |     |                 |               |
| RNAV5              |   | 305° | 56.3      | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↑   | C   | BARCELONA ACC   | (2)           |
| Δ                  | URIPO<br>385527N 0002900E   |      |           |                    | VALENCIA DVOR/DME (VLC) 125° 56.2 60m      |       |     |     |                 |               |
| RNAV5              | 126°  | 306° | 76.4      | FL660<br>FL145     | (+/-) 5 NM                                 | ↓     | ↑   | C   | BARCELONA ACC   | (3)           |
| Δ                  | ELKEM<br>380856N 0014617E   |      |           |                    |  |       |     |     |                 |               |
| RNAV5              | 126°  | 306° | 33.6      | FL660<br>FL145     | (+/-) 5 NM                                 | ↓     | ↑   | C   | BARCELONA ACC   |               |
| ▲                  | SADAF<br>374813N 0021944E   |      |           |                    | MALLORCA DVOR/DME (MJV) 190° 100.0<br>150m |       |     |     | Ver AIP Algeria |               |
| (1)                | <b>Tramo SOSAV-MOPIR</b><br>Sujeto a la actividad de la LED132.<br>- PERM: MON-SUN  |      |           |                    |  |       |     |     |                 |               |
| (2)                | <b>Tramo DVOR/DME VLC-SADAF</b><br>Requiere aprobación RNAV5 (GNSS).  |      |           |                    |  |       |     |     |                 |               |
| (3)                | <b>Tramo URIPO-SADAF</b><br>Sujeto a la actividad de la LED26.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN:<br>• Sentido norte: SADAF N856 IZA M134 VLC.<br>• Sentido sur: LASPO Z224 RONDU N856 SADAF. |      |           |                    |  |       |     |     |                 |               |
| L58                |   |      |           |                    |  |       |     |     |                 |               |
| Δ                  | VIBAS<br>372332N 0033751W   |      |           |                    | GRANADA DVOR/DME (GDA) 054° 21.3 600m      |       |     |     |                 |               |
| RNAV5              | 168°  | 348° | 14.2      | FL660<br>FL145     | (+/-) 5 NM                                 | ↓     | ↑   | C   | SEVILLA ACC     | (1)           |
| Δ                  | PEPAS<br>370935N 0033415W   |      |           |                    | GRANADA DVOR/DME (GDA) 094° 20.1 600m      |       |     |     |                 |               |
| RNAV5              | 168°  | 348° | 31.7      | FL660<br>FL145     | (+/-) 5 NM                                 | ↓     | ↑   | C   | SEVILLA ACC     |               |
| Δ                  | OBAKA<br>363827N 0032618W   |      |           |                    | GRANADA DVOR/DME (GDA) 140° 42.0 600m      |       |     |     |                 |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |                 |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                 |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |                 |               |
| RNAV5              | 168°   | 348° | 13.9      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | LUVIV<br>362450N 0032252W  |      |           |                    | MÁLAGA DVOR/DME (MGA) 116° 53.4 1020m                 |       |     |     |                 |               |
| RNAV5              | 168°   | 348° | 35.5      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| ▲                  | BERUM<br>355000N 0031409W  |      |           |                    | MELILLA DVOR/DME (MEL) 337° 35.9 60m                  |       |     |     | Ver AIP Morocco |               |
| (1)                | <p><b>Tramo VIBAS-BERUM</b><br/>Sujeto a la actividad de la LED167.<br/>- FL095-FL155:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> VIBAS M985 PIMOS N869 GALTO.</p> <p>Sujeto a la actividad de la LED169.<br/>- FL145-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> VIBAS M985 PIMOS N869 GALTO.</p> |      |           |                    |   |       |     |     |                 |               |
| <b>L82</b>         |  |      |           |                    |   |       |     |     |                 |               |
| Δ                  | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W  |      |           |                    |   |       |     |     |                 |               |
| RNAV5              | 233°   |      | 30.9      | FL660<br>FL195     | (+/-) 5 NM  | ↓     |     | C   | SEVILLA ACC     | (1)           |
| Δ                  | TAVSI<br>355538N 0062853W  |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>233° 30.9 210m |       |     |     |                 |               |
| RNAV5              | 233°   |      | 9.3       | FL660<br>FL195     | (+/-) 5 NM  | ↓     |     | C   | SEVILLA ACC     |               |
| ▲                  | RUNAX<br>355000N 0063756W  |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>233° 40.1 210m |       |     |     | Ver AIP Morocco |               |
| (1)                | <p><b>Tramo DVOR/DME VJF-RUNAX</b><br/>Sujeto a la actividad de las LED90A/B.<br/>- FL195-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> SVL N857 KORNO.</p>  |      |           |                    |   |       |     |     |                 |               |
| <b>L110</b>        |  |      |           |                    |   |       |     |     |                 |               |
| Δ                  | SEROX<br>412048N 0001307E  |      |           |                    | MAELLA DVOR/DME (MLA) 009° 13.2 360m                  |       |     |     |                 |               |
| RNAV5              | 056°   | 236° | 15.7      | FL305<br>FL075     | (+/-) 5 NM  | ↑     | ↓   | C/D | BARCELONA ACC   |               |
| Δ                  | OSVAK<br>412915N 0003040E  |      |           |                    | MAELLA DVOR/DME (MLA) 034° 26.5 360m                  |       |     |     |                 |               |

| Designador de ruta |   |      |           |  |                         |       |     |                |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición              |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV        |                         |       |     |                |               |               |
| NAV                | TR MAG                                    |      | DIST (NM) | LÍMITES VERTICALES                       | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC            | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |                |               |               |
| RNAV5              | 056°                                      | 236° | 7.3       | FL305<br>FL095                           | (+/-) 5 NM              | ↑     | ↓   | C/D            | BARCELONA ACC |               |
| Δ                  | LÉRIDA NDB (LRD)<br>413311N 0003853E      |      |           | MAELLA DVOR/DME (MLA) 039° 33.4 360m     |                         |       |     |                |               |               |
| RNAV5              | 066°                                      | 246° | 22.7      | FL305<br>FL095                           | (+/-) 5 NM              | ↑     | ↓   | C/D            | BARCELONA ACC |               |
| Δ                  | REBUL<br>414152N 0010649E                 |      |           | VILAFRANCA DVOR/DME (VLA) 316° 28.9 660m |                         |       |     |                |               |               |
| RNAV5              | 077°                                      | 257° | 23.1      | FL305<br>FL095                           | (+/-) 5 NM              | ↑     | ↓   | C/D            | BARCELONA ACC |               |
| Δ                  | LATRO<br>414618N 0013706E                 |      |           | VILAFRANCA DVOR/DME (VLA) 005° 26.0 660m |                         |       |     |                |               |               |
| RNAV5              | 077°                                      | 257° | 20.7      | FL305<br>FL095                           | (+/-) 5 NM              | ↑     | ↓   | C/D            | BARCELONA ACC |               |
| Δ                  | MAMUK<br>415012N 0020420E                 |      |           | SABADELL DVOR/DME (SLL) 353° 19.1 150m   |                         |       |     |                |               |               |
| RNAV5              | 078°                                      | 258° | 31.9      | FL305<br>FL095                           | (+/-) 5 NM              | ↑     | ↓   | C/D            | BARCELONA ACC |               |
| Δ                  | GERONA DVOR/DME (GIR)<br>415552N 0024619E |      |           |  |                         |       |     |                |               |               |
| RNAV5              | 085°                                      | 265° | 19.6      | FL245<br>FL095                           | (+/-) 5 NM              | ↑     | ↓   | C/D            | BARCELONA ACC |               |
| Δ                  | BAGUR DVOR/DME (BGR)<br>415652N 0031232E  |      |           |  |                         |       |     |                |               |               |
| RNAV5              | 079°                                      |      | 54.5      | FL660<br>FL095                           | (+/-) 5 NM              |       | ↓   | C/D            | BARCELONA ACC |               |
| ▲                  | DIBER<br>420447N 0042454E                 |      |           | BAGUR DVOR/DME (BGR) 079° 54.4 330m      |                         |       |     | Ver AIP France |               |               |
| <b>L112</b>        |   |      |           |  |                         |       |     |                |               |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W |      |           |  |                         |       |     |                |               |               |
| RNAV5              | 089°                                      | 269° | 30.3      | FL660<br>FL105                           | (+/-) 5 NM              | ↓     | ↑   | C/D            | SEVILLA ACC   |               |
| Δ                  | NESDA<br>364917N 0034430W                 |      |           | GRANADA DVOR/DME (GDA) 151° 24.8 600m    |                         |       |     |                |               |               |
| RNAV5              | 089°                                      | 269° | 43.4      | FL660<br>FL105                           | (+/-) 5 NM              | ↓     | ↑   | C/D            | SEVILLA ACC   |               |
| Δ                  | KUNEN<br>364954N 0025027W                 |      |           | ALMERÍA VOR/DME (AMR) 269° 27.9 90m      |                         |       |     |                |               |               |

| Designador de ruta |  |      |           |                    |                                      |       |     |     |               |               |
|--------------------|--|------|-----------|--------------------|--------------------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV    |       |     |     |               |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN              | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |                                      | Impar | Par |     |               |               |
| RNAV5              | 089°   | 269° | 28.0      | FL660<br>FL105     | (+/-) 5 NM                           | ↓     | ↑   | C/D | SEVILLA ACC   | (1) (2)       |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W  |      |           |                    |                                      |       |     |     |               |               |
| RNAV5              | 060°   | 240° | 28.5      | FL285<br>FL095     | (+/-) 5 NM                           | ↑     | ↓   | C/D | SEVILLA ACC   | (3)           |
| Δ                  | POLCI<br>370340N 0014422W  |      |           |                    | ALMERÍA VOR/DME (AMR) 060° 28.5 90m  |       |     |     |               |               |
| RNAV5              | 061°   | 241° | 24.6      | FL285<br>FL095     | (+/-) 5 NM                           | ↑     | ↓   | C/D | BARCELONA ACC | (4)           |
| Δ                  | DINCO<br>371523N 0011716W  |      |           |                    | MURCIA DVOR/DME (MUR) 193° 33.7 210m |       |     |     |               |               |
| RNAV5              | 061°   | 241° | 6.4       | FL285<br>FL095     | (+/-) 5 NM                           | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | DIMER<br>371822N 0011007W  |      |           |                    | MURCIA DVOR/DME (MUR) 183° 29.8 210m |       |     |     |               |               |
| RNAV5              | 061°   | 241° | 34.2      | FL285<br>FL105     | (+/-) 5 NM                           | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | PALOS<br>373429N 0003212W  |      |           |                    | MURCIA DVOR/DME (MUR) 115° 30.9 210m |       |     |     |               |               |
| RNAV5              | 356°   | 176° | 32.5      | FL285<br>FL095     | (+/-) 5 NM                           | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | OSVAN<br>380700N 0003348W  |      |           |                    | ALTET VOR/DME (ALT) 177° 9.1 60m     |       |     |     |               |               |
| RNAV5              | 357°   | 177° | 9.1       | FL285<br>FL095     | (+/-) 5 NM                           | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W  |      |           |                    |                                      |       |     |     |               |               |
| (1)                | <b>Tramo KUNEN-VOR/DME AMR</b><br>- DME/DME requerido.<br>- GNSS requerido.                                    |      |           |                    |                                      |       |     |     |               |               |
| (2)                | <b>Tramo KUNEN-POLCI</b><br>Por debajo de FL145 ver ENR2.1 unidad ATS TMA ALMERÍA.                             |      |           |                    |                                      |       |     |     |               |               |
| (3)                | <b>Tramo VOR/DME AMR-VOR/DME ALT</b><br>Sujeto a la actividad de las LER63, LED22 y LED97B.<br>- PERM: MON-SUN |      |           |                    |                                      |       |     |     |               |               |
| (4)                | <b>Tramo POLCI-VOR/DME ALT</b><br>Por debajo de FL245 ver ENR2.1 unidad ATS TMA VALENCIA.                      |      |           |                    |                                      |       |     |     |               |               |
| <b>L129</b>        |  |      |           |                    |                                      |       |     |     |               |               |
| Δ                  | VERSO<br>410911N 0034525E  |      |           |                    | BAGUR DVOR/DME (BGR) 150° 53.7 330m  |       |     |     |               |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |               |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |       |     |     |               |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                           | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |               |               |
| RNAV5              | 199°  |      | 45.9      | FL660<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | LUNIK<br>402623N 0032333E                   |      |           |                    | POLLENSA DVOR/DME (POS) 020° 33.3 360m            |       |     |     |               |               |
| RNAV5              | 200°  |      | 33.2      | FL660<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | PALMA TACC    |               |
| Δ                  | POLLENSA DVOR/DME (POS)<br>395539N 0030652E |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 207°  |      | 27.8      | FL660<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | PALMA TACC    |               |
| Δ                  | LULAK<br>393124N 0024918E                   |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>123° 4.3 0m |       |     |     |               |               |
| RNAV5              | 207°  |      | 6.1       | FL660<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | PALMA TACC    |               |
| Δ                  | MALLORCA DVOR/DME (MJV)<br>392607N 0024530E |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 209°  | 029° | 13.2      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | PALMA TACC    |               |
| Δ                  | TUKRO<br>391446N 0023638E                   |      |           |                    | MALLORCA DVOR/DME (MJV) 209° 13.3<br>150m         |       |     |     |               |               |
| RNAV5              | 209°  | 029° | 34.7      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | PALMA TACC    |               |
| Δ                  | MEBUT<br>384503N 0021341E                   |      |           |                    | MALLORCA DVOR/DME (MJV) 209° 47.9<br>150m         |       |     |     |               |               |
| RNAV5              | 209°  | 029° | 6.1       | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | NINES<br>383949N 0020941E                   |      |           |                    | MALLORCA DVOR/DME (MJV) 209° 54.0<br>150m         |       |     |     |               |               |
| RNAV5              | 209°  | 029° | 22.4      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | SURIB<br>382032N 0015501E                   |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 209°  | 029° | 13.5      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | BARCELONA ACC | (1)           |
| Δ                  | ELKEM<br>380856N 0014617E                   |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 209°  | 029° | 27.5      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | PIDUD<br>374512N 0012834E                   |      |           |                    |   |       |     |     |               |               |

| Designador de ruta |   |      |           |  |                         |       |     |                 |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV          |                         |       |     |                 |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                         | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |                 |               |               |
| RNAV5              | 209°  | 029° | 33.2      | FL660<br>FL095                             | (+/-) 5 NM              | ↓     | ↑   | C/D             | BARCELONA ACC |               |
| ▲                  | LABRO<br>371629N 0010726E   |      |           | ALTET VOR/DME (ALT) 125° 100.1 60m         |                         |       |     | Ver AIP Algeria |               |               |
| (1)                | <p><b>Tramo SURIB-LABRO</b><br/>                     Sujeto a la actividad de la LED26.<br/>                     - CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     - Ruta ALTN:<br/>                     SURIB N856 SADAF.<br/>                     MJV N861 SADAF.<br/>                     - Requiere aprobación RNAV5 (DME/DME o GNSS).</p> |      |           |  |                         |       |     |                 |               |               |
| L150               |   |      |           |  |                         |       |     |                 |               |               |
| Δ                  | ROBLEDILLO DVOR/DME (RBO)<br>405114N 0031448W   |      |           |  |                         |       |     |                 |               |               |
| RNAV5              |   | 311° | 43.2      | FL660<br>FL145                             | (+/-) 5 NM              |       | ↑   | C               | MADRID ACC    |               |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W   |      |           |  |                         |       |     |                 |               |               |
| RNAV5              | 143°  | 323° | 10.4      | FL660<br>9500 ft<br>AMSL                   | (+/-) 5 NM              | ↓     | ↑   | C/D             | MADRID ACC    | (1)           |
| Δ                  | VILLA<br>401359N 0022438W   |      |           | CASTEJÓN DVOR/DME (CJN) 143° 10.4<br>1080m |                         |       |     |                 |               |               |
| RNAV5              | 143°  | 323° | 18.2      | FL660<br>9500 ft<br>AMSL                   | (+/-) 5 NM              | ↓     | ↑   | C/D             | MADRID ACC    |               |
| Δ                  | NANDO<br>395920N 0021028W   |      |           | CASTEJÓN DVOR/DME (CJN) 143° 28.6<br>1080m |                         |       |     |                 |               |               |
| RNAV5              | 143°  | 323° | 33.5      | FL660<br>FL095                             | (+/-) 5 NM              | ↓     | ↑   | C/D             | MADRID ACC    | (2)           |
| Δ                  | MOTIL<br>393220N 0014443W   |      |           | CALLES DVOR/DME (CLS) 253° 36.5 570m       |                         |       |     |                 |               |               |
| RNAV5              | 143°  | 323° | 19.7      | FL660<br>FL145                             | (+/-) 5 NM              | ↓     | ↑   | C               | MADRID ACC    |               |
| Δ                  | SOSAV<br>391625N 0012944W   |      |           | CALLES DVOR/DME (CLS) 221° 35.1 570m       |                         |       |     |                 |               |               |
| RNAV5              | 143°  | 323° | 18.5      | FL660<br>FL145                             | (+/-) 5 NM              | ↓     | ↑   | C               | MADRID ACC    |               |
| Δ                  | ASTRO<br>390128N 0011547W   |      |           | CALLES DVOR/DME (CLS) 196° 43.0 570m       |                         |       |     |                 |               |               |

| Designador de ruta |   |      |           |                    |                                       |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|---------------------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |                                       | Impar | Par |     |                 |               |
| RNAV5              | 143°  | 323° | 21.2      | FL660<br>FL145     | (+/-) 5 NM                            | ↓     | ↑   | C   | BARCELONA ACC   |               |
| Δ                  | NARGO<br>384418N 0005955W   |      |           |                    | ALICANTE DVOR/DME (ATE) 323° 33.3 60m |       |     |     |                 |               |
| RNAV5              | 143°  | 323° | 34.7      | FL660<br>FL145     | (+/-) 5 NM                            | ↓     | ↑   | C   | BARCELONA ACC   |               |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W   |      |           |                    |                                       |       |     |     |                 |               |
| RNAV5              | 125°  | 305° | 19.9      | FL660<br>FL075     | (+/-) 5 NM                            | ↓     | ↑   | C/D | VALENCIA TACC   | (3)           |
| Δ                  | MAGAL<br>380424N 0001351W   |      |           |                    | ALTET VOR/DME (ALT) 125° 19.8 60m     |       |     |     |                 |               |
| RNAV5              | 125°  | 305° | 7.4       | FL660<br>FL085     | (+/-) 5 NM                            | ↓     | ↑   | C/D | VALENCIA TACC   | (4)           |
| Δ                  | LUKIL<br>380001N 0000616W   |      |           |                    | ALTET VOR/DME (ALT) 125° 27.2 60m     |       |     |     |                 |               |
| RNAV5              | 125°  | 305° | 5.2       | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| Δ                  | RAFOL<br>375658N 0000101W   |      |           |                    | ALTET VOR/DME (ALT) 125° 32.4 60m     |       |     |     |                 |               |
| RNAV5              | 125°  | 305° | 48.2      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | BARCELONA ACC   | (5)           |
| Δ                  | XENVO<br>372816N 0004746E   |      |           |                    | ALTET VOR/DME (ALT) 125° 80.5 60m     |       |     |     |                 |               |
| RNAV5              | 125°  | 305° | 19.6      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| ▲                  | LABRO<br>371629N 0010726E   |      |           |                    | ALTET VOR/DME (ALT) 125° 100.1 60m    |       |     |     | Ver AIP Algeria |               |
| (1)                | <p><b>Tramo DVOR/DME CJN-MOTIL</b><br/>Sujeto a la actividad de la LED131.<br/>- FL095-FL145:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> CJN N733 CLS M176 ALT.</p>   |      |           |                    |                                       |       |     |     |                 |               |
| (2)                | <p><b>Tramo NANDO-ASTRO</b><br/>Sujeto a la actividad de la LED132.<br/>- FL145-FL460:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b><br/>· Sentido norte: ALT M176 CLS N733 CJN.<br/>· Sentido sur: NANDO M871 RETBA M176 ALT.</p> |      |           |                    |                                       |       |     |     |                 |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |                  |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV             |                         |       |     |     |                  |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                            | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |                  |               |
| (3)                | <b>Tramo VOR/DME ALT-MAGAL</b><br>Entre los niveles FL075-FL145 la responsabilidad es de VALENCIA TACC.  |      |           |   |                         |       |     |     |                  |               |
| (4)                | <b>Tramo MAGAL-LABRO</b><br>Sujeto a la actividad de la LED26.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN:<br>• Sentido norte: SADAF N856 IZA M134 VLC.<br>• Sentido sur: VLC L34 ALT L150 MAGAL P34 HAMRA. |      |           |   |                         |       |     |     |                  |               |
| (5)                | <b>Tramo RAFOL-LABRO</b><br>Requiere aprobación RNAV5 (DME/DME o GNSS).  |      |           |   |                         |       |     |     |                  |               |
| <b>L155</b>        |  |      |           |   |                         |       |     |     |                  |               |
| ▲                  | ADORO<br>412859N 0061648W  |      |           | ZAMORA DVOR/DME (ZMR) 265° 28.9 630m          |                         |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 085°   | 265° | 29.0      | FL660<br>FL105                                | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC       |               |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W  |      |           |   |                         |       |     |     |                  |               |
| RNAV5              | 138°   | 318° | 73.4      | FL660<br>FL115                                | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC (1)   |               |
| Δ                  | AVILA<br>403729N 0043300W  |      |           | NAVAS DEL REY DVOR/DME (NVS) 318° 20.6 780m   |                         |       |     |     |                  |               |
| RNAV5              | 138°   | 318° | 20.6      | FL660<br>10500 ft<br>AMSL                     | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC       |               |
| Δ                  | NAVAS DEL REY DVOR/DME (NVS)<br>402207N 0041458W   |      |           |   |                         |       |     |     |                  |               |
| RNAV5              |  | 314° | 50.5      | FL660<br>FL145                                | (+/-) 5 NM              | ↑     |     | C   | MADRID ACC       |               |
| Δ                  | VILLATOBAS DVOR/DME (VTB)<br>394651N 0032750W  |      |           |   |                         |       |     |     |                  |               |
| (1)                | <b>Tramo DVOR/DME ZMR-AVILA</b><br>Requiere aprobación RNAV5 (DME/DME o GNSS).   |      |           |   |                         |       |     |     |                  |               |
| <b>L176</b>        |  |      |           |   |                         |       |     |     |                  |               |
| Δ                  | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W   |      |           |   |                         |       |     |     |                  |               |
| RNAV5              | 041°   | 221° | 42.7      | FL660<br>FL095                                | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC (1)   |               |
| Δ                  | CEGAM<br>425901N 0021411W  |      |           | VITORIA FORONDA DVOR/DME (VFD) 073° 22.3 510m |                         |       |     |     |                  |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |                  |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV              |                         |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                             | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |                  |               |
| RNAV5              | 041°  | 221° | 9.3       | FL660<br>FL095                                 | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC       |               |
| Δ                  | BAGAS<br>430554N 0020541W   |      |           | SAN SEBASTIÁN DVOR/DME (SSN) 221° 17.2<br>240m |                         |       |     |     |                  |               |
| RNAV5              | 041°  | 221° | 17.2      | FL660<br>FL065                                 | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC       |               |
| Δ                  | SAN SEBASTIÁN DVOR/DME (SSN)<br>431840N 0014949W                          |      |           |  |                         |       |     |     |                  |               |
| RNAV5              | 029°  |      | 4.4       | FL660<br>FL195                                 | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC       |               |
| ▲                  | LUSEM<br>432229N 0014650W   |      |           | SAN SEBASTIÁN DVOR/DME (SSN) 029° 4.4<br>240m  |                         |       |     |     | Ver AIP France   |               |
| (1)                | <b>Tramo DVOR/DME DGO-CEGAM:</b><br>- FL145-FL660: unidireccional PAR FL. |      |           |  |                         |       |     |     |                  |               |
| L184               |   |      |           |  |                         |       |     |     |                  |               |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W                                 |      |           |  |                         |       |     |     |                  |               |
| RNAV5              | 043°  |      | 72.9      | FL660<br>FL195                                 | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC       |               |
| Δ                  | ROBLEDILLO DVOR/DME (RBO)<br>405114N 0031448W                             |      |           |  |                         |       |     |     |                  |               |
| RNAV5              | 044°  |      | 39.7      | FL245<br>FL145                                 | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC       |               |
| Δ                  | BARAHONA DVOR/DME (BAN)<br>411925N 0023747W                               |      |           |  |                         |       |     |     |                  |               |
| L185               |   |      |           |  |                         |       |     |     |                  |               |
| ▲                  | PORTA<br>391948N 0071809W   |      |           | CÁCERES DVOR/DME (CCS) 255° 41.9 420m          |                         |       |     |     | Ver AIP Portugal | (1)           |
| RNAV5              | 074°  |      | 42.0      | FL245<br>FL095                                 | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC       |               |
| ▲                  | CÁCERES DVOR/DME (CCS)<br>393128N 0062605W                                |      |           |  |                         |       |     |     | LISBOA ACC       |               |
| RNAV5              |   | 243° | 46.3      | FL660<br>FL095                                 | (+/-) 5 NM              | ↑     |     | C/D | MADRID ACC       | (2)           |
| Δ                  | ROLDO<br>395233N 0053241W   |      |           | CÁCERES DVOR/DME (CCS) 063° 46.2 420m          |                         |       |     |     |                  |               |
| RNAV5              |   | 244° | 48.1      | FL660<br>FL095                                 | (+/-) 5 NM              | ↑     |     | C/D | MADRID ACC       |               |
| Δ                  | LUPES<br>401400N 0043640W   |      |           | NAVAS DEL REY DVOR/DME (NVS) 244° 18.5<br>780m |                         |       |     |     |                  |               |

| Designador de ruta |   |      |           |                          |  |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------------|--|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                          | VOR/DME-REF BRG DIST(NM) DME-ELEV            |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES       | PRECISIÓN DE NAVEGACIÓN                      | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                          |  | Impar | Par |     |                 |               |
| RNAV5              |   | 244° | 18.5      | FL660<br>9500 ft<br>AMSL | (+/-) 5 NM                                   | ↑     |     | C/D | MADRID ACC      |               |
| Δ                  | NAVAS DEL REY DVOR/DME (NVS)<br>402207N 0041458W  |      |           |                          |  |       |     |     |                 |               |
| (1)                | Servicios de tránsito aéreo delegados de Madrid ACC a Lisboa ACC entre CCS y el límite del UIR a partir de FL245. Espacio aéreo Free Route, ver AIP-Portugal.   |      |           |                          |  |       |     |     |                 |               |
| (2)                | <b>Tramo DVOR/DME CCS-ROLD0:</b><br>Requiere aprobación RNAV5 (DME/DME o GNSS).   |      |           |                          |  |       |     |     |                 |               |
| L195               |   |      |           |                          |  |       |     |     |                 |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W   |      |           |                          |  |       |     |     |                 |               |
| RNAV5              | 116°  | 296° | 27.1      | FL660<br>FL095           | (+/-) 5 NM                                   | ↓     | ↑   | C/D | SEVILLA ACC     | (1) (2)       |
| Δ                  | INKAL<br>363644N 0035200W   |      |           |                          | MÁLAGA DVOR/DME (MGA) 116° 27.1 1020m        |       |     |     |                 |               |
| RNAV5              | 116°  | 296° | 26.3      | FL660<br>FL095           | (+/-) 5 NM                                   | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | LUVIV<br>362450N 0032252W   |      |           |                          | MÁLAGA DVOR/DME (MGA) 116° 53.4 1020m        |       |     |     |                 |               |
| RNAV5              | 117°  | 297° | 27.5      | FL660<br>FL095           | (+/-) 5 NM                                   | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | GONZA<br>361217N 0025237W   |      |           |                          | ALMERÍA VOR/DME (AMR) 217° 48.1 90m          |       |     |     |                 |               |
| RNAV5              | 117°  | 297° | 48.1      | FL660<br>FL295           | (+/-) 5 NM                                   | ↓     | ↑   | C   | SEVILLA ACC     |               |
| ▲                  | LIGUM<br>355000N 0020000W   |      |           |                          | MELILLA DVOR/DME (MEL) 054° 57.4 60m         |       |     |     | Ver AIP Algeria |               |
| (1)                | <b>Tramo DVOR/DME MGA-LIGUM</b><br>Sujeto a la actividad de la LED169.<br>- FL155-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> MGA L112 AMR M192 TARIK.. |      |           |                          |  |       |     |     |                 |               |
| (2)                | <b>Tramo DVOR/DME MGA-GONZA</b><br>Sujeto a la actividad de la LED167.<br>- FL095-FL145:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> MGA L112 AMR M192 TARIK.  |      |           |                          |  |       |     |     |                 |               |
| L660               |   |      |           |                          |  |       |     |     |                 | (1)           |
| ▲                  | SOLNA<br>274000N 0123543W   |      |           |                          | FUERTEVENTURA DVOR/DME (FTV) 127° 81.4<br>0m |       |     |     | Ver AIP Morocco |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |                   |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|-------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |                         |       |     |     |                   |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL        | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |                   |               |
| RNAV5              | 229°  | 049° | 45.7      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     | ↑   | C/F | CANARIAS ACC      |               |
| ▲                  | LA AYOUNE VOR/DME (LAY)<br>270834N 0131305W                                       |      |           |   |                         |       |     |     |                   |               |
| RNAV5              | 219°  | 039° | 104.6     | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     | ↑   | C/F | CANARIAS ACC      |               |
| ▲                  | ARENA<br>254341N 0142131W   |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 159°<br>138.6 60m |                         |       |     |     |                   |               |
| RNAV5              | 219°  | 039° | 53.8      | FL660<br>FL095                                    | (+/-) 5 NM              | ↑     | ↓   | C/F | CANARIAS ACC      |               |
| ▲                  | CABEL<br>250000N 0145628W   |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 175°<br>171.9 60m |                         |       |     |     |                   |               |
| RNAV5              | 219°  | 039° | 92.2      | FL660<br>FL095                                    | (+/-) 5 NM              | ↑     | ↓   | C/F | CANARIAS ACC      |               |
| ▲                  | DAKHLA VOR/DME (DKH)<br>234441N 0155511W  |      |           |   |                         |       |     |     |                   |               |
| RNAV5              | 204°  | 024° | 120.6     | FL660<br>FL095                                    | (+/-) 5 NM              | ↑     | ↓   | C/F | CANARIAS ACC      |               |
| ▲                  | LOLOS<br>215100N 0164000W   |      |           |   |                         |       |     |     | NOUADHIBOU<br>APP |               |
| RNAV5              | 205°  | 025° | 32.9      | FL660<br>FL245                                    | (+/-) 5 NM              | ↑     | ↓   | C   | CANARIAS ACC      |               |
| ▲                  | MAURI<br>212000N 0165200W   |      |           |   |                         |       |     |     | Ver AIP Senegal   |               |
| (1)                | FL195-FL660 Clase C,<br>FL095-FL195 Clase F.<br>Requiere aprobación RNAV5 (GNSS). |      |           |   |                         |       |     |     |                   |               |

| L866  |   |      |      |                                       |            |   |   |     |            |     |
|-------|---|------|------|---------------------------------------|------------|---|---|-----|------------|-----|
| Δ     | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W  |      |      |                                       |            |   |   |     |            |     |
| RNAV5 | 088°  | 268° | 24.6 | FL145<br>FL085                        | (+/-) 5 NM | ↑ | ↓ | D   | MADRID ACC | (1) |
| Δ     | LOGROÑO DVOR/DME (LPA)<br>422738N 0021937W  |      |      |                                       |            |   |   |     |            |     |
| RNAV5 | 058°  | 238° | 15.5 | FL195<br>FL085                        | (+/-) 5 NM | ↑ | ↓ | C/D | MADRID ACC |     |
| Δ     | VEGEL<br>423534N 0020133W                   |      |      | LOGROÑO DVOR/DME (LPA) 058° 15.5 360m |            |   |   |     |            |     |
| RNAV5 | 059°  | 239° | 16.6 | FL195<br>FL065                        | (+/-) 5 NM | ↑ | ↓ | C/D | MADRID ACC |     |
| Δ     | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W |      |      |                                       |            |   |   |     |            |     |

| Designador de ruta |   |      |           |                    |  |       |     |     |                |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV          |       |     |     |                |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                    | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |                |               |
| RNAV5              |   | 237° | 31.0      | FL660<br>FL195     | (+/-) 5 NM                                 | ↑     |     | C   | MADRID ACC     |               |
| ▲                  | PIPOR<br>430033N 0010629W   |      |           |                    | PAMPLONA DVOR/DME (PPN) 057° 30.9<br>1050m |       |     |     | Ver AIP France |               |
| (1)                | <u>Tramo DVOR/DME DGO-DVOR/DME LPA</u><br>Requiere aprobación RNAV5 (GNSS). |      |           |                    |  |       |     |     |                |               |
| <b>M24</b>         |   |      |           |                    |  |       |     |     |                | (1)           |
| Δ                  | VERSO<br>410911N 0034525E   |      |           |                    | BAGUR DVOR/DME (BGR) 150° 53.7 330m        |       |     |     |                |               |
| RNAV5              | 113°  |      | 35.5      | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | LAPIT<br>405343N 0042741E   |      |           |                    | MENORCA DVOR/DME (MHN) 008° 63.0 90m       |       |     |     |                |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).   |      |           |                    |  |       |     |     |                |               |
| <b>M30</b>         |   |      |           |                    |  |       |     |     |                |               |
| ▲                  | LOTEE<br>443932N 0055012W   |      |           |                    | ASTURIAS DVOR/DME (VES) 007° 66.6 120m     |       |     |     | Ver AIP France |               |
| RNAV5              | 187°  | 007° | 36.5      | FL245<br>FL095     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | MADRID ACC     | (1)           |
| Δ                  | MAVOS<br>440316N 0055605W   |      |           |                    | ASTURIAS DVOR/DME (VES) 006° 30.0 120m     |       |     |     |                |               |
| RNAV5              | 186°  | 006° | 30.0      | FL245<br>FL095     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | MADRID ACC     |               |
| Δ                  | ASTURIAS DVOR/DME (VES)<br>433325N 0060026W                                 |      |           |                    |  |       |     |     |                |               |
| RNAV5              | 172°  | 352° | 30.0      | FL245<br>FL095     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | MADRID ACC     |               |
| Δ                  | XONDA<br>430343N 0055444W   |      |           |                    | ASTURIAS DVOR/DME (VES) 172° 30.0 120m     |       |     |     |                |               |
| RNAV5              | 173°  | 353° | 12.0      | FL245<br>FL105     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | MADRID ACC     |               |
| Δ                  | GOTOX<br>425147N 0055243W   |      |           |                    | LEÓN DVOR/DME (EON) 328° 19.1 930m         |       |     |     |                |               |
| RNAV5              | 173°  | 353° | 7.3       | FL245<br>FL125     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | MADRID ACC     |               |
| Δ                  | ROVAK<br>424431N 0055123W   |      |           |                    | LEÓN DVOR/DME (EON) 314° 12.9 930m         |       |     |     |                |               |
| RNAV5              | 173°  | 353° | 28.2      | FL245<br>FL125     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | MADRID ACC     |               |
| ▲                  | OMESI<br>421635N 0054620W   |      |           |                    | LEÓN DVOR/DME (EON) 197° 19.9 930m         |       |     |     |                |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |             |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |                         |       |     |     |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                 | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |             |               |
| RNAV5              | 173°  | 353° | 19.0      | FL660<br>FL125                                     | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | VETAN<br>415743N 0054257W                                     |      |           | ZAMORA DVOR/DME (ZMR) 353° 26.1 630m               |                         |       |     |     |             |               |
| RNAV5              | 173°  | 353° | 26.1      | FL660<br>FL125                                     | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W                     |      |           |  |                         |       |     |     |             |               |
| RNAV5              | 172°  | 352° | 106.7     | FL660<br>FL145                                     | (+/-) 5 NM              | ↓     | ↑   | C   | MADRID ACC  | (2)           |
| Δ                  | MELON<br>394600N 0051907W                                     |      |           | TOLEDO DVOR/DME (TLD) 255° 46.8 600m               |                         |       |     |     |             |               |
| RNAV5              |   | 350° | 46.6      | FL660<br>FL145                                     | (+/-) 5 NM              |       | ↑   | C   | MADRID ACC  | (3)           |
| Δ                  | PARKA<br>390000N 0050900W                                     |      |           | HIJOJOSA DEL DUQUE VOR/DME (HIJ) 355°<br>29.6 570m |                         |       |     |     |             |               |
| RNAV5              |   | 355° | 29.6      | FL660<br>FL145                                     | (+/-) 5 NM              |       | ↑   | C   | SEVILLA ACC |               |
| Δ                  | HIJOJOSA DEL DUQUE VOR/DME (HIJ)<br>383029N 0050559W          |      |           |  |                         |       |     |     |             |               |
| RNAV5              | 232°  | 052° | 54.1      | FL660<br>FL145                                     | (+/-) 5 NM              | ↓     | ↑   | C   | SEVILLA ACC | (4)           |
| Δ                  | OXACA<br>375700N 0060000W                                     |      |           | SEVILLA DVOR/DME (SVL) 340° 33.3 120m              |                         |       |     |     |             |               |
| RNAV5              |   | 032° | 46.6      | FL660<br>FL145                                     | (+/-) 5 NM              |       | ↑   | C   | SEVILLA ACC |               |
| Δ                  | PIMUR<br>371729N 0063106W                                     |      |           | SEVILLA DVOR/DME (SVL) 258° 37.0 120m              |                         |       |     |     |             |               |
| (1)                | <u>Tramo LOTEE-XONDA</u><br>Requiere aprobación RNAV5 (GNSS). |      |           |  |                         |       |     |     |             |               |

| Designador de ruta |   |      |           |                                       |                         |       |     |     |               |               |
|--------------------|---|------|-----------|---------------------------------------|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV     |                         |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                                       |                         | Impar | Par |     |               |               |
| (2)                | <p><b>Tramo DVOR/DME ZMR-MELON</b><br/>                     Sujeto a la actividad de las LER71B/C.<br/>                     - FL145-FL245:<br/>                     • <b>CDR1:</b> MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> PARKA N858 TLD Z230 NVS L155 ZMR.</p>  |      |           |                                       |                         |       |     |     |               |               |
| (3)                | <p><b>Tramo MELON-PARKA</b><br/>                     Sujeto a la actividad de la LER86C.<br/>                     - FL245-FL450:<br/>                     • <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> PARKA N858 TLD Z230 NVS L155 ZMR.</p> <p>Sujeto a la actividad de la LED126.<br/>                     - FL245-FL660:<br/>                     • <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> PARKA N858 TLD Z230 NVS L155 ZMR.</p> <p>Sujeto a la actividad de la LETR1.<br/>                     - FL450-FL660:<br/>                     • <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> PARKA N858 TLD Z230 NVS L155 ZMR.</p> <p><b>Tramo MELON-DVOR/DME HIJ</b><br/>                     Sujeto a la actividad de la LER86B y LED125.<br/>                     - FL145-FL245:<br/>                     • <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> OSLEP N747 SVL N10 HIJ Z230 TLD.</p> |      |           |                                       |                         |       |     |     |               |               |
| (4)                | <p><b>Tramo PIMUR-DVOR/DME HIJ</b><br/>                     Sujeto a la actividad de la LER86B.<br/>                     - FL145-FL245:<br/>                     • <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> OSLEP N747 SVL N10 HIJ Z230 TLD.</p>  |      |           |                                       |                         |       |     |     |               |               |
| <b>M134</b>        |   |      |           |                                       |                         |       |     |     |               |               |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W   |      |           |                                       |                         |       |     |     |               |               |
| RNAV5              |   | 289° | 23.5      | FL660<br>FL095                        | (+/-) 5 NM              | ↑     |     | C/D | BARCELONA ACC | (1)           |
| Δ                  | COMPI<br>392103N 0000028W   |      |           | VALENCIA DVOR/DME (VLC) 109° 23.5 60m |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |  |                         |       |     |                 |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV      |                         |       |     |                 |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |                 |               |               |
| RNAV5              |   | 289° | 24.4      | FL660<br>FL095                         | (+/-) 5 NM              | ↑     |     | C/D             | BARCELONA ACC |               |
| Δ                  | NINOT<br>391232N 0002900E   |      |           | VALENCIA DVOR/DME (VLC) 109° 47.9 60m  |                         |       |     |                 |               |               |
| RNAV5              |   | 289° | 12.9      | FL660<br>FL095                         | (+/-) 5 NM              | ↑     |     | C/D             | BARCELONA ACC |               |
| Δ                  | XOSTA<br>390759N 0004430E   |      |           | VALENCIA DVOR/DME (VLC) 109° 60.7 60m  |                         |       |     |                 |               |               |
| RNAV5              |   | 289° | 36.5      | FL660<br>FL095                         | (+/-) 5 NM              | ↑     |     | C/D             | BARCELONA ACC |               |
| Δ                  | IBIZA NDB (IZA)<br>385456N 0012813E   |      |           | MALLORCA DVOR/DME (MJV) 241° 67.6 150m |                         |       |     |                 |               |               |
| RNAV5              |   | 293° | 35.8      | FL660<br>FL145                         | (+/-) 5 NM              | ↑     |     | C               | BARCELONA ACC | (2)           |
| Δ                  | NINES<br>383949N 0020941E   |      |           | MALLORCA DVOR/DME (MJV) 209° 54.0 150m |                         |       |     |                 |               |               |
| RNAV5              | 113°  | 293° | 18.6      | FL660<br>FL145                         | (+/-) 5 NM              | ↑     | ↓   | C               | BARCELONA ACC |               |
| Δ                  | OLMIR<br>383152N 0023105E   |      |           | MALLORCA DVOR/DME (MJV) 190° 55.4 150m |                         |       |     |                 |               |               |
| RNAV5              | 114°  | 294° | 17.5      | FL660<br>FL145                         | (+/-) 5 NM              | ↑     | ↓   | C               | BARCELONA ACC |               |
| Δ                  | XARON<br>382418N 0025114E   |      |           | MALLORCA DVOR/DME (MJV) 174° 62.0 150m |                         |       |     |                 |               |               |
| RNAV5              | 114°  | 294° | 15.4      | FL660<br>FL145                         | (+/-) 5 NM              | ↑     | ↓   | C               | BARCELONA ACC |               |
| Δ                  | GENIO<br>381737N 0030852E   |      |           | MALLORCA DVOR/DME (MJV) 163° 70.9 150m |                         |       |     |                 |               |               |
| RNAV5              | 108°  | 288° | 13.8      | FL660<br>FL305                         | (+/-) 5 NM              | ↑     | ↓   | C               | BARCELONA ACC |               |
| ▲                  | LUXUR<br>381248N 0032519E   |      |           | MALLORCA DVOR/DME (MJV) 155° 79.7 150m |                         |       |     | Ver AIP Algeria |               |               |
| (1)                | <b>Tramo DVOR/DME VLC-COMPI</b><br>FL095-FL145: responsabilidad de VALENCIA TACC. |      |           |  |                         |       |     |                 |               |               |
| (2)                | <b>Tramo NDB IZA-LUXUR</b><br>Requiere aprobación RNAV5 (GNSS).                   |      |           |  |                         |       |     |                 |               |               |
| <b>M143</b>        |   |      |           |  |                         |       |     |                 |               |               |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W                                       |      |           |  |                         |       |     |                 |               |               |

| Designador de ruta |   |      |           |                          |   |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------------|---|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición              |      |           |                          | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                 |               |
| NAV                | TR MAG                                    |      | DIST (NM) | LÍMITES VERTICALES       | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                          |   | Impar | Par |     |                 |               |
| RNAV5              | 175°                                      | 355° | 30.2      | FL660<br>9500 ft<br>AMSL | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      | (1)           |
| Δ                  | ULSES<br>395209N 0022944W                 |      |           |                          | CASTEJÓN DVOR/DME (CJN) 175° 30.3<br>1080m            |       |     |     |                 |               |
| RNAV5              | 175°                                      | 355° | 52.2      | FL660<br>FL095           | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      |               |
| Δ                  | ANANA<br>390000N 0022446W                 |      |           |                          | YESTE DVOR/DME (YES) 355° 38.5 1440m                  |       |     |     |                 |               |
| RNAV5              | 175°                                      | 355° | 38.4      | FL660<br>FL095           | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | YESTE DVOR/DME (YES)<br>382139N 0022110W  |      |           |                          |   |       |     |     |                 |               |
| RNAV5              | 176°                                      | 356° | 44.1      | FL660<br>FL095           | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     | (2)           |
| Δ                  | TOSGA<br>373732N 0021826W                 |      |           |                          | YESTE DVOR/DME (YES) 176° 44.2 1440m                  |       |     |     |                 |               |
| RNAV5              | 177°                                      | 357° | 19.6      | FL660<br>FL095           | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     | (3)           |
| Δ                  | RISPO<br>371759N 0021724W                 |      |           |                          | ALMERÍA VOR/DME (AMR) 356° 28.0 90m                   |       |     |     |                 |               |
| RNAV5              | 176°                                      | 356° | 28.0      | FL660<br>FL095           | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W |      |           |                          |   |       |     |     |                 |               |
| RNAV5              | 246°                                      | 066° | 152.1     | FL660<br>FL155           | (+/-) 5 NM  | ↓     | ↑   | C   | SEVILLA ACC     | (4)           |
| ▲                  | GALTO<br>355000N 0050837W                 |      |           |                          | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>121° 47.2 210m |       |     |     | Ver AIP Morocco |               |

| Designador de ruta |  |   |           |   |                         |       |     |     |            |               |
|--------------------|--|---|-----------|---|-------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV         |                         |       |     |     |            |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES                        | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓  | ↑ |           |   |                         | Impar | Par |     |            |               |
| (1)                | <p><b>Tramo DVOR/DME CJN-DVOR/DME YES</b><br/>                     Sujeto a la actividad de la LED131.<br/>                     - FL095-FL145:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> CJN L27 BLN N865 AMR.</p> <p>Sujeto a la actividad de la LED132.<br/>                     - FL145-FL460:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> CJN L27 BLN N865 AMR.</p> <p>Sujeto a la actividad de la LED98.<br/>                     - FL095-FL660:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> CJN L27 BLN N865 AMR.</p> |   |           |   |                         |       |     |     |            |               |
| (2)                | <p><b>Tramo DVOR/DME YES-VOR/DME AMR</b><br/>                     Sujeto a la actividad de la LER63.<br/>                     - FL095-FL345:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> YES M985 VIBAS N865 AMR.</p> <p>Sujeto a la actividad de la LED97A.<br/>                     - FL345-FL660:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> YES M985 VIBAS N865 AMR.</p>  |   |           |   |                         |       |     |     |            |               |
| (3)                | <p><b>Tramo TOSGA-VOR/DME AMR</b><br/>                     Requiere aprobación RNAV5 (GNSS).</p>   |   |           |   |                         |       |     |     |            |               |
| (4)                | <p><b>Tramo VOR/DME AMR-GALTO</b><br/>                     Sujeto a la actividad de la LED169.<br/>                     - FL155-FL660:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP)<br/>                     • <b>Ruta ALTN:</b> YES M985 PIMOS N869 GALTO</p>   |   |           |   |                         |       |     |     |            |               |
| <b>M176</b>        |  |   |           |   |                         |       |     |     |            |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W  |   |           |   |                         |       |     |     |            |               |
| RNAV5              | 170°   |   | 88.8      | FL660<br>FL145                            | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC | (1) (2)       |
| Δ                  | EXEMU<br>411620N 0012301W  |   |           | CALAMOCHA VOR/DME (CMA) 350° 24.6<br>960m |                         |       |     |     |            |               |
| RNAV5              | 170°   |   | 24.6      | FL660<br>FL145                            | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC |               |
| Δ                  | CALAMOCHA VOR/DME (CMA)<br>405202N 0011753W  |   |           |   |                         |       |     |     |            |               |

| Designador de ruta |  |      |           |                    |                                       |       |     |     |               |               |
|--------------------|--|------|-----------|--------------------|---------------------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |               |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |                                       | Impar | Par |     |               |               |
| RNAV5              | 167°   | 347° | 7.8       | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | MADRID ACC    | (3)           |
| Δ                  | DISVU<br>404425N 0011548W  |      |           |                    | CALAMOCHA VOR/DME (CMA) 167° 7.8 960m |       |     |     |               |               |
| RNAV5              | 167°   | 347° | 50.7      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | MADRID ACC    |               |
| Δ                  | MANDY<br>395442N 0010226W  |      |           |                    | CALLES DVOR/DME (CLS) 347° 12.5 570m  |       |     |     |               |               |
| RNAV5              | 167°   | 347° | 12.5      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | CALLES DVOR/DME (CLS)<br>394226N 0005911W  |      |           |                    |                                       |       |     |     |               |               |
| RNAV5              | 166°   | 346° | 16.2      | FL660<br>FL125     | (+/-) 5 NM                            | ↑     | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | RETBA<br>392637N 0005432W  |      |           |                    | CALLES DVOR/DME (CLS) 166° 16.2 570m  |       |     |     |               |               |
| RNAV5              | 166°   | 346° | 10.9      | FL660<br>FL125     | (+/-) 5 NM                            | ↑     | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | SERRA<br>391558N 0005125W  |      |           |                    | VALENCIA DVOR/DME (VLC) 232° 21.8 60m |       |     |     |               |               |
| RNAV5              | 166°   | 346° | 61.3      | FL660<br>FL135     | (+/-) 5 NM                            | ↑     | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W  |      |           |                    |                                       |       |     |     |               |               |
| (1)                | <b>Tramo DVOR/DME PPN-EXEMU</b><br>FL145-FL245: unidad CTL ZARAGOZA TACC.  |      |           |                    |                                       |       |     |     |               |               |
| (2)                | <b>Tramo DVOR/DME PPN-VOR/DME CMA</b><br>Sujeto a la actividad de las LED47A/B.<br>- FL365-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL < 365.<br><br>Sujeto a la actividad de la LED50.<br>- FL145-FL235:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP)<br>• <b>Ruta ALTN:</b> RFL > 245. |      |           |                    |                                       |       |     |     |               |               |
| (3)                | <b>Tramo DVOR/DME CMA-DVOR/DME CLS</b><br>Sujeto a la actividad de la LED104.<br>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- <b>Ruta ALTN:</b><br>• Sentido norte: CLS N733 CJN.<br>• Sentido sur: CJN L150 NANDO M871 MABUX.  |      |           |                    |                                       |       |     |     |               |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |               |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                     |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV       |       |     |     |               |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                 | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |               |               |
| <b>M182</b>        |  |      |           |                    |   |       |     |     |               |               |
| Δ                  | UMURE<br>410859N 0011016E                        |      |           |                    | REUS DVOR/DME (RES) 047° 0.5 60m        |       |     |     |               |               |
| RNAV5              |  | 048° | 25.9      | FL660<br>FL095     | (+/-) 5 NM                              |       | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | SENIA<br>405208N 0004420E                        |      |           |                    | REUS DVOR/DME (RES) 228° 25.3 60m       |       |     |     |               |               |
| RNAV5              |  | 048° | 6.0       | FL660<br>FL095     | (+/-) 5 NM                              |       | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | AMPOL<br>404813N 0003821E                        |      |           |                    | MAELLA DVOR/DME (MLA) 131° 29.1 360m    |       |     |     |               |               |
| RNAV5              |  | 048° | 22.6      | FL660<br>FL095     | (+/-) 5 NM                              |       | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | MATEX<br>403324N 0001556E                        |      |           |                    | CASTELLÓN DVOR/DME (CTN) 020° 21.8 360m |       |     |     |               |               |
| RNAV5              |  | 047° | 27.3      | FL285<br>FL095     | (+/-) 5 NM                              |       | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | SAURA<br>401522N 0001100W                        |      |           |                    | CASTELLÓN DVOR/DME (CTN) 279° 12.7 360m |       |     |     |               |               |
| <b>M190</b>        |  |      |           |                    |   |       |     |     |               |               |
| Δ                  | SAN SEBASTIÁN DVOR/DME (SSN)<br>431840N 0014949W |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 269°   | 089° | 48.0      | FL660<br>FL075     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | BILBAO DVOR/DME (BLV)<br>431815N 0025531W        |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 281°   | 101° | 17.5      | FL660<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | CALCE<br>432146N 0031900W                        |      |           |                    | BILBAO DVOR/DME (BLV) 281° 17.4 30m     |       |     |     |               |               |
| RNAV5              | 281°   | 101° | 26.1      | FL660<br>FL075     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | SANTANDER DVOR/DME (SNR)<br>432659N 0035409W     |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 275°   | 095° | 18.9      | FL660<br>FL075     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | OBETO<br>432835N 0042000W                        |      |           |                    | SANTANDER DVOR/DME (SNR) 275° 18.8 60m  |       |     |     |               |               |

| Designador de ruta |  |      |           |   |                         |       |     |                  |            |               |  |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|------------------|------------|---------------|--|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV       |                         |       |     |                  |            |               |  |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                      | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC              | UNIDAD CTL | OBSERVACIONES |  |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |                  |            |               |  |
| RNAV5              | 274°   | 094° | 7.5       | FL660<br>FL075                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC |               |  |
| Δ                  | RONSI<br>432904N 0043013W  |      |           | SANTANDER DVOR/DME (SNR) 274° 26.3 60m  |                         |       |     |                  |            |               |  |
| RNAV5              | 274°   | 094° | 16.2      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC | (1)           |  |
| ▲                  | LASKU<br>433015N 0045224W  |      |           | SANTANDER DVOR/DME (SNR) 274° 42.4 60m  |                         |       |     |                  |            |               |  |
| RNAV5              | 274°   | 094° | 19.6      | FL245<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC |               |  |
| Δ                  | AMAKA<br>433144N 0051915W  |      |           | ASTURIAS DVOR/DME (VES) 093° 29.9 120m  |                         |       |     |                  |            |               |  |
| RNAV5              | 273°   | 093° | 30.0      | FL245<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC |               |  |
| Δ                  | ASTURIAS DVOR/DME (VES)<br>433325N 0060026W                            |      |           |   |                         |       |     |                  |            |               |  |
| RNAV5              | 251°   | 071° | 30.0      | FL245<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC |               |  |
| Δ                  | MASIP<br>432332N 0063920W  |      |           | ASTURIAS DVOR/DME (VES) 251° 29.9 120m  |                         |       |     |                  |            |               |  |
| RNAV5              | 251°   | 071° | 32.6      | FL245<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC |               |  |
| Δ                  | ROXER<br>431247N 0072127W  |      |           | LA CORUÑA DVOR/DME (LRA) 106° 42.9 120m |                         |       |     |                  |            |               |  |
| RNAV5              | 252°   | 072° | 50.0      | FL245<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D              | MADRID ACC |               |  |
| Δ                  | SANTIAGO DVOR/DME (STG)<br>425537N 0082531W                            |      |           |   |                         |       |     |                  |            |               |  |
| (1)                | <b>Tramo RONSI - DVOR/DME STG</b><br>Requiere aprobación RNAV5 (GNSS). |      |           |   |                         |       |     |                  |            |               |  |
| M191               |  |      |           |   |                         |       |     |                  |            |               |  |
| ▲                  | RIVRO<br>403722N 0064322W  |      |           | SALAMANCA VOR/DME (BBI) 248° 62.2 900m  |                         |       |     | Ver AIP Portugal |            | (1)           |  |
| RNAV5              | 097°   | 277° | 19.4      | FL245<br>FL115                          | (+/-) 5 NM              | ↑     | ↓   | C/D              | MADRID ACC | (2)           |  |
| ▲                  | BARDI<br>403501N 0061809W  |      |           | SALAMANCA VOR/DME (BBI) 236° 46.4 900m  |                         |       |     |                  |            |               |  |
| RNAV5              | 098°   | 278° | 22.8      | FL660<br>FL115                          | (+/-) 5 NM              | ↑     | ↓   | C/D              | MADRID ACC |               |  |
| Δ                  | RIDAV<br>403207N 0054830W  |      |           | SALAMANCA VOR/DME (BBI) 209° 33.0 900m  |                         |       |     |                  |            |               |  |

| Designador de ruta |   |      |           |   |                         |       |     |     |             |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |             |               |
| RNAV5              | 098°  | 278° | 52.3      | FL660<br>FL115                              | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC  |               |
| Δ                  | DIPOL<br>402459N 0044035W   |      |           | NAVAS DEL REY DVOR/DME (NVS) 278° 19.7 780m |                         |       |     |     |             |               |
| (1)                | Servicios de tránsito aéreo delegados de Madrid ACC a Lisboa ACC entre BARDI y el límite del UIR a partir de FL245. Espacio aéreo Free Route, ver AIP-Portugal.   |      |           |   |                         |       |     |     |             |               |
| (2)                | <p><u>Tramo RIVRO-DIPOL</u><br/>Sujeto a la actividad de las LER71B/C.<br/>- FL145-FL245:<br/>• CDR1: MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br/>• PERM: Resto del tiempo, disponible.<br/>• Ruta ALTN: ADORO L155 NVS.</p> |      |           |   |                         |       |     |     |             |               |
| M192               |   |      |           |   |                         |       |     |     |             |               |
| Δ                  | BAILÉN VOR/DME (BLN)<br>380909N 0033729W  |      |           |   |                         |       |     |     |             |               |
| RNAV5              | 140°  | 320° | 32.6      | FL660<br>FL105                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC | (1)           |
| Δ                  | BAZAS<br>374404N 0031107W   |      |           | BAILÉN VOR/DME (BLN) 139° 32.6 540m         |                         |       |     |     |             |               |
| RNAV5              | 140°  | 320° | 12.0      | FL660<br>FL105                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC | (2)           |
| Δ                  | ARPEX<br>373447N 0030127W   |      |           | BAILÉN VOR/DME (BLN) 139° 44.6 540m         |                         |       |     |     |             |               |
| RNAV5              | 140°  | 320° | 12.7      | FL660<br>FL105                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC |               |
| Δ                  | ROLAS<br>372456N 0025116W   |      |           | ALMERÍA VOR/DME (AMR) 320° 45.1 90m         |                         |       |     |     |             |               |
| RNAV5              | 140°  | 320° | 17.1      | FL660<br>FL105                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC | (3)           |
| Δ                  | AGIDO<br>371145N 0023737W   |      |           | ALMERÍA VOR/DME (AMR) 320° 28.0 90m         |                         |       |     |     |             |               |
| RNAV5              | 140°  | 320° | 28.0      | FL660<br>FL105                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC |               |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W   |      |           |   |                         |       |     |     |             |               |
| RNAV5              | 114°  | 294° | 19.7      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC |               |
| Δ                  | GATAS<br>364136N 0015319W   |      |           | ALMERÍA VOR/DME (AMR) 114° 19.7 90m         |                         |       |     |     |             |               |
| RNAV5              | 114°  | 294° | 40.2      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC |               |

| Designador de ruta |   |      |           |                    |                                       |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|---------------------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |                                       | Impar | Par |     |                 |               |
| ▲                  | TARIK<br>362418N 0010816W   |      |           |                    | ALMERÍA VOR/DME (AMR) 115° 59.9 90m   |       |     |     | Ver AIP Algeria |               |
| (1)                | <p><b>Tramo VOR/DME BLN-BAZAS</b><br/>Sujeto a la actividad de la LED98.<br/>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- Ruta ALTN: BLN N865 AMR.</p>   |      |           |                    |                                       |       |     |     |                 |               |
| (2)                | <p><b>Tramo BAZAS-VOR/DME AMR</b><br/>Sujeto a la actividad de la LER63.<br/>- FL105-FL345:<br/>• CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• Ruta ALTN: BLN N865 AMR.</p> <p>Sujeto a la actividad de la LED97A.<br/>- FL345-FL660:<br/>• CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• Ruta ALTN: BLN N865 AMR.</p> |      |           |                    |                                       |       |     |     |                 |               |
| (3)                | <p><b>Tramo ROLAS-VOR/DME AMR</b><br/>Sujeto a la actividad de la LED36.<br/>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- Ruta ALTN: MGA L112 AMR.</p>   |      |           |                    |                                       |       |     |     |                 |               |
| <b>M299</b>        |   |      |           |                    |                                       |       |     |     |                 |               |
| Δ                  | TABANERA DEL CERRATO VOR/DME (NEA)<br>420139N 0040633W  |      |           |                    |                                       |       |     |     |                 |               |
| RNAV5              | 046°  | 226° | 29.0      | FL145<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | D   | MADRID ACC      |               |
| Δ                  | BUGIX<br>422129N 0033807W   |      |           |                    | BURGOS VOR/DME (BUR) 280° 1.0 900m    |       |     |     |                 |               |
| RNAV5              | 055°  | 235° | 20.7      | FL145<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | D   | MADRID ACC      |               |
| Δ                  | AMGAR<br>423318N 0031512W   |      |           |                    | DOMINGO DVOR/DME (DGO) 290° 17.6 660m |       |     |     |                 |               |
| RNAV5              | 058°  | 238° | 20.2      | FL145<br>FL075     | (+/-) 5 NM                            | ↑     | ↓   | D   | MADRID ACC      |               |
| Δ                  | VITORIA VOR/DME (VRA)<br>424355N 0025156W   |      |           |                    |                                       |       |     |     |                 |               |
| RNAV5              | 089°  | 269° | 29.7      | FL195<br>FL065     | (+/-) 5 NM                            | ↑     | ↓   | C/D | MADRID ACC      |               |
| Δ                  | KUDEX<br>424404N 0021135W   |      |           |                    | LOGROÑO DVOR/DME (LPA) 019° 17.5 360m |       |     |     |                 |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |                 |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |                         |       |     |     |                 |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |                 |               |
| RNAV5              | 089°   | 269° | 21.7      | FL195<br>FL065  | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC      |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W  |      |           |   |                         |       |     |     |                 |               |
| RNAV5              | 029°   | 209° | 18.0      | FL245<br>FL075  | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC      |               |
| Δ                  | GOMSO<br>425942N 0013000W  |      |           | PAMPLONA DVOR/DME (PPN) 029° 18.0<br>1050m            |                         |       |     |     |                 |               |
| RNAV5              | 029°   | 209° | 4.4       | FL245<br>FL075  | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC      | (1)           |
| ▲                  | BEGUY<br>430330N 0012703W  |      |           | PAMPLONA DVOR/DME (PPN) 029° 22.4<br>1050m            |                         |       |     |     | Ver AIP France  |               |
| RNAV5              | 352°   | 172° | 13.6      | FL245<br>FL075  | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC      |               |
| ▲                  | DONOS<br>431702N 0012929W  |      |           | SAN SEBASTIÁN DVOR/DME (SSN) 096° 14.9<br>240m        |                         |       |     |     | Ver AIP France  |               |
| (1)                | <b>Tramo GOMSO-BEGUY</b><br>FL075-FL145: navegación convencional.  |      |           |   |                         |       |     |     |                 |               |
| M372               |  |      |           |   |                         |       |     |     |                 |               |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W  |      |           |   |                         |       |     |     |                 |               |
| RNAV5              | 198°   | 018° | 63.4      | FL660<br>FL095  | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC     | (1)           |
| ▲                  | ESAMI<br>355000N 0024111W  |      |           | MELILLA DVOR/DME (MEL) 022° 35.8 60m                  |                         |       |     |     | Ver AIP Morocco |               |
| (1)                | <b>Tramo VOR/DME AMR-ESAMI</b><br>Sujeto a la actividad de la LED168.<br>- FL095-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> AMR N860 BERUM. |      |           |   |                         |       |     |     |                 |               |
| M445               |  |      |           |   |                         |       |     |     |                 |               |
| Δ                  | PIMOS<br>360901N 0045336W  |      |           | MÁLAGA AEROPUERTO SUR DVOR/DME<br>(MLG) 210° 36.8 30m |                         |       |     |     |                 |               |
| RNAV5              | 046°   |      | 83.6      | FL660<br>FL145  | (+/-) 5 NM              |       | ↓   | C   | SEVILLA ACC     |               |
| Δ                  | RIXUR<br>370632N 0033811W  |      |           | GRANADA DVOR/DME (GDA) 104° 17.5 600m                 |                         |       |     |     |                 |               |
| RNAV5              | 046°   |      | 4.4       | FL660<br>FL145  | (+/-) 5 NM              |       | ↓   | C   | SEVILLA ACC     |               |
| Δ                  | PEPAS<br>370935N 0033415W  |      |           | GRANADA DVOR/DME (GDA) 094° 20.1 600m                 |                         |       |     |     |                 |               |

| Designador de ruta |                              |   |           |                    |   |       |     |     |               |               |
|--------------------|------------------------------|---|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV       |       |     |     |               |               |
| NAV                | TR MAG                       |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                 | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓                            | ↑ |           |                    |   | Impar | Par |     |               |               |
| RNAV5              | 046°                         |   | 36.3      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | SEVILLA ACC   | (1)           |
| Δ                  | ARPEX<br>373447N 0030127W    |   |           |                    | BAILÉN VOR/DME (BLN) 139° 44.6 540m     |       |     |     |               |               |
| RNAV5              | 046°                         |   | 15.2      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | KOSEL<br>374517N 0024737W    |   |           |                    | YESTE DVOR/DME (YES) 209° 41.9 1440m    |       |     |     |               |               |
| RNAV5              | 046°                         |   | 19.0      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | BUDIT<br>375821N 0023016W    |   |           |                    | YESTE DVOR/DME (YES) 196° 24.4 1440m    |       |     |     |               |               |
| RNAV5              | 046°                         |   | 20.6      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | ETURA<br>381229N 0021119W    |   |           |                    | YESTE DVOR/DME (YES) 139° 12.0 1440m    |       |     |     |               |               |
| RNAV5              | 051°                         |   | 15.2      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | TOSTO<br>382151N 0015610W    |   |           |                    | YESTE DVOR/DME (YES) 088° 19.6 1440m    |       |     |     |               |               |
| RNAV5              | 051°                         |   | 35.4      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | OLPOS<br>384337N 0012032W    |   |           |                    | ALICANTE DVOR/DME (ATE) 305° 44.3 60m   |       |     |     |               |               |
| RNAV5              | 051°                         |   | 33.7      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | BEGOX<br>390409N 0004619W    |   |           |                    | VALENCIA DVOR/DME (VLC) 207° 28.4 60m   |       |     |     |               |               |
| RNAV5              | 038°                         |   | 16.6      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | LASPO<br>391657N 0003240W    |   |           |                    | VALENCIA DVOR/DME (VLC) 192° 12.5 60m   |       |     |     |               |               |
| RNAV5              | 036°                         |   | 41.5      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | SOPET<br>395002N 0000017W    |   |           |                    | CASTELLÓN DVOR/DME (CTN) 189° 23.5 360m |       |     |     |               |               |
| RNAV5              | 028°                         |   | 33.2      | FL660<br>FL145     | (+/-) 5 NM                              |       | ↓   | C   | BARCELONA ACC |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV           |       |     |     |                |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                     | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                |               |
| Δ                  | ASDIR<br>401855N 0002108E   |      |           |                    | CASTELLÓN DVOR/DME (CTN) 063° 13.4<br>360m  |       |     |     |                |               |
| (1)                | <p><b>Tramo PEPAS-BEGOX</b><br/>Sujeto a la actividad de la LER63.<br/>- FL145-FL345:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> PEPAS L58 VIBAS M985 ASTRO.</p> <p>Sujeto a la actividad de la LED97A.<br/>- FL345-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> PEPAS L58 VIBAS M985 ASTRO.</p> |      |           |                    |   |       |     |     |                |               |
| <b>M601</b>        |   |      |           |                    |   |       |     |     |                |               |
| ▲                  | MUREN<br>410327N 0044000E   |      |           |                    | MENORCA DVOR/DME (MHN) 014° 74.6 90m        |       |     |     | Ver AIP France |               |
| RNAV5              | 276°  |      | 7.4       | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | CHELY<br>410430N 0043018E   |      |           |                    | MENORCA DVOR/DME (MHN) 008° 73.9 90m        |       |     |     |                |               |
| RNAV5              | 275°  |      | 34.2      | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | VERSO<br>410911N 0034525E   |      |           |                    | BAGUR DVOR/DME (BGR) 150° 53.7 330m         |       |     |     |                |               |
| RNAV5              | 275°  |      | 14.4      | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | SULID<br>411104N 0032629E   |      |           |                    | CALELLA DVOR/DME (CLE) 124° 45.5 420m       |       |     |     |                |               |
| RNAV5              | 275°  |      | 12.2      | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | SADEM<br>411237N 0031026E   |      |           |                    | CALELLA DVOR/DME (CLE) 134° 35.4 420m       |       |     |     |                |               |
| RNAV5              | 275°  |      | 48.6      | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E  |      |           |                    |   |       |     |     |                |               |
| RNAV5              | 296°  | 116° | 22.7      | FL660<br>FL105     | (+/-) 5 NM                                  | ↓     | ↑   | C/D | BARCELONA ACC  |               |
| Δ                  | CAVES<br>412900N 0013949E   |      |           |                    | VILLAFRANCA DVOR/DME (VLA) 030° 9.9<br>660m |       |     |     |                |               |

| Designador de ruta |                              |      |           |                    |   |       |     |     |               |               |
|--------------------|------------------------------|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV             |       |     |     |               |               |
| NAV                | TR MAG                       |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                       | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓                            | ↑    |           |                    |   | Impar | Par |     |               |               |
| RNAV5              | 296°                         | 116° | 8.2       | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | VIBOK<br>413249N 0013007E    |      |           |                    | VILAFRANCA DVOR/DME (VLA) 349° 12.4<br>660m   |       |     |     |               |               |
| RNAV5              | 296°                         | 116° | 19.7      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | REBUL<br>414152N 0010649E    |      |           |                    | VILAFRANCA DVOR/DME (VLA) 316° 28.9<br>660m   |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 19.3      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | GEMAS<br>415042N 0004349E    |      |           |                    | REUS DVOR/DME (RES) 334° 46.4 60m             |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 11.6      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | ALOSU<br>415559N 0002955E    |      |           |                    | HUESCA DVOR/DME (HUE) 101° 37.4 540m          |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 6.1       | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | GRAUS<br>415845N 0002235E    |      |           |                    | HUESCA DVOR/DME (HUE) 099° 31.5 540m          |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 11.0      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC | (1)           |
| Δ                  | POSSY<br>420341N 0000926E    |      |           |                    | HUESCA DVOR/DME (HUE) 090° 21.2 540m          |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 20.0      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | MARIO<br>421237N 0001439W    |      |           |                    | HUESCA DVOR/DME (HUE) 021° 8.9 540m           |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 16.1      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | SURCO<br>421944N 0003405W    |      |           |                    | HUESCA DVOR/DME (HUE) 323° 18.9 540m          |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 13.7      | FL660<br>FL095     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | RONNY<br>422545N 0005041W    |      |           |                    | HUESCA DVOR/DME (HUE) 311° 31.7 540m          |       |     |     |               |               |
| RNAV5              | 295°                         | 115° | 9.2       | FL660<br>FL095     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | MADRID ACC    |               |
| Δ                  | RONKO<br>422945N 0010150W    |      |           |                    | PAMPLONA SUR DVOR/DME (PAP) 111° 30.2<br>570m |       |     |     |               |               |

| Designador de ruta |   |      |           |  |                         |       |     |                |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                |                         |       |     |                |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                               | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC            | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |                |               |               |
| RNAV5              | 295°  | 115° | 16.7      | FL660<br>FL065                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC    |               |
| Δ                  | GOSVI<br>423700N 0012210W   |      |           | PAMPLONA SUR DVOR/DME (PAP) 107° 13.6<br>570m    |                         |       |     |                |               |               |
| RNAV5              | 294°  | 114° | 8.5       | FL660<br>FL065                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC    |               |
| Δ                  | TURPU<br>424040N 0013233W   |      |           | PAMPLONA SUR DVOR/DME (PAP) 096° 5.3<br>570m     |                         |       |     |                |               |               |
| RNAV5              | 294°  | 114° | 7.8       | FL660<br>FL065                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC    |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W   |      |           |  |                         |       |     |                |               |               |
| RNAV5              | 302°  | 122° | 12.4      | FL660<br>FL065                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC    |               |
| Δ                  | MALOB<br>425042N 0015619W   |      |           | PAMPLONA DVOR/DME (PPN) 302° 12.4<br>1050m       |                         |       |     |                |               |               |
| RNAV5              | 302°  | 122° | 15.5      | FL660<br>FL075                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC    |               |
| Δ                  | CEGAM<br>425901N 0021411W   |      |           | VITORIA FORONDA DVOR/DME (VFD) 073°<br>22.3 510m |                         |       |     |                |               |               |
| RNAV5              | 302°  | 122° | 35.9      | FL660<br>FL095                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC    |               |
| Δ                  | BILBAO DVOR/DME (BLV)<br>431815N 0025531W   |      |           |  |                         |       |     |                |               |               |
| (1)                | <p><b>Tramo GRAUS-DVOR/DME PPN</b><br/>Sujeto a la actividad de las LED47A/B.<br/>- FL365-FL660/FL355-FL660 (FBZ incluida):</p> <ul style="list-style-type: none"> <li>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).</li> <li>• <b>Ruta ALTN:</b> RFL &lt; 355.</li> </ul> |      |           |  |                         |       |     |                |               |               |
| M603               |   |      |           |  |                         |       |     |                |               |               |
| ▲                  | MORSS<br>395724N 0044000E   |      |           | MENORCA DVOR/DME (MHN) 072° 21.5 90m             |                         |       |     | Ver AIP France |               |               |
| RNAV5              | 253°  | 073° | 21.5      | FL660<br>FL115                                   | (+/-) 5 NM              | ↓     | ↑   | C/D            | BARCELONA ACC | (1)           |
| Δ                  | MENORCA DVOR/DME (MHN)<br>395149N 0041259E  |      |           |  |                         |       |     |                |               |               |
| RNAV5              | 252°  |      | 37.5      | FL660<br>FL095                                   | (+/-) 5 NM              | ↓     |     | C              | BARCELONA ACC |               |
| Δ                  | CAPDEPERA DVOR/DME (CDP)<br>394152N 0032604E  |      |           |  |                         |       |     |                |               |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |               |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |                         |       |     |     |               |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                                | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |               |               |
| RNAV5              | 248°   |      | 30.3      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | LULAK<br>393124N 0024918E  |      |           | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>123° 4.3 0m |                         |       |     |     |               |               |
| RNAV5              | 247°   |      | 20.1      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | EDULI<br>392422N 0022503E  |      |           | MALLORCA DVOR/DME (MJV) 262° 15.9<br>150m         |                         |       |     |     |               |               |
| RNAV5              | 247°   |      | 48.6      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | OKITI<br>390659N 0012639E  |      |           | MALLORCA DVOR/DME (MJV) 251° 64.0<br>150m         |                         |       |     |     |               |               |
| RNAV5              | 247°   |      | 25.2      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | IBEBA<br>385747N 0005636E  |      |           | VALENCIA DVOR/DME (VLC) 113° 73.4 60m             |                         |       |     |     |               |               |
| RNAV5              | 247°   |      | 13.5      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | BAVER<br>385247N 0004030E  |      |           | VALENCIA DVOR/DME (VLC) 122° 65.0 60m             |                         |       |     |     |               |               |
| RNAV5              | 247°   |      | 9.7       | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | GERVU<br>384911N 0002900E  |      |           | ALTET VOR/DME (ALT) 055° 59.5 60m                 |                         |       |     |     |               |               |
| RNAV5              | 235°   |      | 59.6      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC | (2)           |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W  |      |           |   |                         |       |     |     |               |               |
| (1)                | <u>Tramo MORSS-GERVU</u><br>FL095-FL145: responsabilidad de PALMA TACC.          |      |           |   |                         |       |     |     |               |               |
| (2)                | <u>Tramo GERVU-VOR/DME ALT</u><br>FL095-FL145: responsabilidad de VALENCIA TACC. |      |           |   |                         |       |     |     |               |               |
| <b>M660</b>        |  |      |           |   |                         |       |     |     |               | (1)           |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W                                  |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 190°   | 010° | 185.1     | FL660<br>FL095                                    | (+/-) 5 NM              | ↑     | ↓   | C/D | CANARIAS ACC  | (2)           |
| ▲                  | ROTUM<br>250000N 0154712W  |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 190°<br>170.9 60m |                         |       |     |     |               |               |

| Designador de ruta |  |      |           |                    |                                       |       |     |     |                  |               |
|--------------------|--|------|-----------|--------------------|---------------------------------------|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                  |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |                                       | Impar | Par |     |                  |               |
| RNAV5              | 190°   | 010° | 75.4      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/F | CANARIAS ACC     | (3)           |
| ▲                  | DAKHLA VOR/DME (DKH)<br>234441N 0155511W   |      |           |                    |                                       |       |     |     |                  |               |
| (1)                | Tramo DVOR/DME GDV-VOR/DME DKH requiere aprobación RNAV5 (GNSS).   |      |           |                    |                                       |       |     |     |                  |               |
| (2)                | Tramo DVOR/DME GDV-ROTUM<br>Sujeto a la actividad de las GCD79B/C/E/N/T.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN:<br>• GDV N873 ODEGI Z353 ROTUM<br>• GDV Q279 LAY |      |           |                    |                                       |       |     |     |                  |               |
| (3)                | FL195-FL660 Clase C,<br>FL095-FL195 Clase F.   |      |           |                    |                                       |       |     |     |                  |               |
| M744               |  |      |           |                    |                                       |       |     |     |                  |               |
| ▲                  | LASIB<br>380215N 0071322W  |      |           |                    | SEVILLA DVOR/DME (SVL) 298° 78.4 120m |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 100°   | 280° | 5.8       | FL660<br>FL245     | (+/-) 5 NM                            | ↓     | ↑   | C   | SEVILLA ACC      | (1) (2)       |
| ▲                  | ROSAL<br>380117N 0070605W  |      |           |                    | SEVILLA DVOR/DME (SVL) 300° 72.9 120m |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 119°   | 299° | 43.6      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC      | (3)           |
| Δ                  | SANTA<br>374007N 0061754W  |      |           |                    | SEVILLA DVOR/DME (SVL) 300° 29.3 120m |       |     |     |                  |               |
| RNAV5              | 120°   | 300° | 29.4      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC      |               |
| Δ                  | SEVILLA DVOR/DME (SVL)<br>372539N 0054544W   |      |           |                    |                                       |       |     |     |                  |               |
| RNAV5              | 119°   | 299° | 45.3      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC      |               |
| Δ                  | MARTÍN DVOR/DME (MAR)<br>370319N 0045624W  |      |           |                    |                                       |       |     |     |                  |               |
| RNAV5              | 118°   | 298° | 31.0      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC      |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W  |      |           |                    |                                       |       |     |     |                  |               |
| RNAV5              | 103°   | 283° | 27.7      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC      | (4)           |
| Δ                  | UMUKA<br>364239N 0034834W  |      |           |                    | MÁLAGA DVOR/DME (MGA) 103° 27.7 1020m |       |     |     |                  |               |

| Designador de ruta |   |      |           |   |                         |       |     |                 |             |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----------------|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |                 |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |                 |             |               |
| RNAV5              | 103°  | 283° | 18.4      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     | ↑   | C/D             | SEVILLA ACC |               |
| Δ                  | OBAKA<br>363827N 0032618W   |      |           | GRANADA DVOR/DME (GDA) 140° 42.0 600m       |                         |       |     |                 |             |               |
| RNAV5              | 103°  | 283° | 68.9      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     | ↑   | C/D             | SEVILLA ACC |               |
| Δ                  | GOLFO<br>362204N 0020317W   |      |           | ALMERÍA VOR/DME (AMR) 159° 29.6 90m         |                         |       |     |                 |             |               |
| RNAV5              | 103°  | 283° | 28.0      | FL660<br>FL155                              | (+/-) 5 NM              | ↓     | ↑   | C               | SEVILLA ACC |               |
| ▲                  | CARBO<br>361508N 0012942W   |      |           | ALMERÍA VOR/DME (AMR) 132° 50.8 90m         |                         |       |     | Ver AIP Algeria |             |               |
| (1)                | Servicios de tránsito aéreo delegados de Lisboa ACC a Sevilla ACC entre LASIB y ROSAL.  |      |           |   |                         |       |     |                 |             |               |
| (2)                | <p><b>Tramo LASIB-DVOR/DME SVL</b><br/>Sujeto a la actividad de la LED123.<br/>- FL145-FL245:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MINTA N747 SVL.</p> <p>Sujeto a actividad de la LED124.<br/>- FL245-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MINTA N747 SVL.</p>                |      |           |   |                         |       |     |                 |             |               |
| (3)                | <p><b>Tramo ROSAL-DVOR/DME SVL</b><br/>Sujeto a la actividad de la LED123.<br/>- FL095-FL245:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MINTA N747 SVL.</p>  |      |           |   |                         |       |     |                 |             |               |
| (4)                | <p><b>Tramo DVOR/DME MGA-GOLFO</b><br/>Sujeto a la actividad de LED167 y LED168.<br/>- FL095-FL145:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MGA L112 AMR M192 TARIK.</p> <p>Sujeto a la actividad de LED169.<br/>- FL155-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> AMR M192 TARIK.</p> |      |           |   |                         |       |     |                 |             |               |
| <b>M871</b>        |   |      |           |   |                         |       |     |                 |             |               |
| Δ                  | DIPOL<br>402459N 0044035W   |      |           | NAVAS DEL REY DVOR/DME (NVS) 278° 19.7 780m |                         |       |     |                 |             |               |

| Designador de ruta |  |      |           |                           |   |       |     |     |               |               |
|--------------------|--|------|-----------|---------------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                         |      |           |                           | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |       |     |     |               |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES        | PRECISIÓN DE NAVEGACIÓN                           | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |                           |   | Impar | Par |     |               |               |
| RNAV5              | 098°   | 278° | 19.8      | FL660<br>11500 ft<br>AMSL | (+/-) 5 NM  | ↑     | ↓   | C/D | MADRID ACC    | (1)           |
| Δ                  | NAVAS DEL REY DVOR/DME (NVS)<br>402207N 0041458W     |      |           |                           |   |       |     |     |               |               |
| RNAV5              | 099°   |      | 42.0      | FL660<br>FL145            | (+/-) 5 NM  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | PERALES DE TAJUÑA DVOR/DME (PDT)<br>401510N 0032053W |      |           |                           |   |       |     |     |               |               |
| RNAV5              | 105°   |      | 6.2       | FL660<br>FL145            | (+/-) 5 NM  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | AKOKI<br>401328N 0031307W                            |      |           |                           | PERALES DE TAJUÑA DVOR/DME (PDT) 105°<br>6.2 780m |       |     |     |               |               |
| RNAV5              | 106°   |      | 50.1      | FL660<br>FL155            | (+/-) 5 NM  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | NANDO<br>395920N 0021028W                            |      |           |                           | CASTEJÓN DVOR/DME (CJN) 143° 28.6<br>1080m        |       |     |     |               |               |
| RNAV5              | 106°   |      | 33.5      | FL660<br>FL155            | (+/-) 5 NM  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | MINGU<br>394934N 0012851W                            |      |           |                           | CALLES DVOR/DME (CLS) 286° 23.9 570m              |       |     |     |               |               |
| RNAV5              | 106°   |      | 9.5       | FL660<br>FL155            | (+/-) 5 NM  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | ABOSI<br>394645N 0011705W                            |      |           |                           | CALLES DVOR/DME (CLS) 286° 14.4 570m              |       |     |     |               |               |
| RNAV5              | 155°   |      | 15.1      | FL660<br>FL095            | (+/-) 5 NM  |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | MABUX<br>393257N 0010859W                            |      |           |                           | CALLES DVOR/DME (CLS) 217° 12.1 570m              |       |     |     |               |               |
| RNAV5              | 118°   |      | 12.9      | FL660<br>FL095            | (+/-) 5 NM  |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | RETBA<br>392637N 0005432W                            |      |           |                           | CALLES DVOR/DME (CLS) 166° 16.2 570m              |       |     |     |               |               |
| RNAV5              | 118°   |      | 3.8       | FL660<br>FL095            | (+/-) 5 NM  |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | MOPIR<br>392445N 0005016W                            |      |           |                           | VALENCIA DVOR/DME (VLC) 254° 17.0 60m             |       |     |     |               |               |
| RNAV5              | 118°   |      | 15.7      | FL660<br>FL095            | (+/-) 5 NM  |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | LASPO<br>391657N 0003240W                            |      |           |                           | VALENCIA DVOR/DME (VLC) 192° 12.5 60m             |       |     |     |               |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |                |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV       |                         |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                      | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |                |               |
| RNAV5              | 085°   |      | 45.5      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | ORVUS<br>391954N 0002553E  |      |           | VALENCIA DVOR/DME (VLC) 101° 43.4 60m   |                         |       |     |     |                |               |
| RNAV5              | 085°   |      | 45.7      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  | (2)           |
| Δ                  | GODOX<br>392221N 0012439E  |      |           | MALLORCA DVOR/DME (MJV) 265° 62.6 150m  |                         |       |     |     |                |               |
| RNAV5              | 086°   |      | 46.9      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | EDULI<br>392422N 0022503E  |      |           | MALLORCA DVOR/DME (MJV) 262° 15.9 150m  |                         |       |     |     |                |               |
| RNAV5              | 086°   |      | 39.0      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | PORTO COLOM NDB (PTC)<br>392538N 0031524E  |      |           | CAPDEPERA DVOR/DME (CDP) 307° 18.2 240m |                         |       |     |     |                |               |
| RNAV5              | 079°   |      | 66.2      | FL660<br>FL195                          | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| ▲                  | SOTAX<br>393506N 0044000E  |      |           | MENORCA DVOR/DME (MHN) 129° 26.7 90m    |                         |       |     |     | Ver AIP France |               |
| (1)                | <p><b>Tramo DIPOL-DVOR/DME NVS</b><br/>                     Sujeto a la actividad de las LER71B/C.<br/>                     - FL095-FL145:<br/>                     • <b>CDR1:</b> MON-FRI: 0630-1700 (V: 0530-1600) EXC HOL.<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> NVS L155 ZMR N745 RIVRO.</p> <p>- FL145-FL660:<br/>                     • <b>CDR1:</b> MON-FRI: 0630-1700 (V: 0530-1600) EXC HOL.<br/>                     • <b>PERM:</b> Resto del tiempo, disponible.<br/>                     • <b>Ruta ALTN:</b> NVS L155 ZMR N745 RIVRO.</p> |      |           |   |                         |       |     |     |                |               |
| (2)                | <p><b>Tramo ORVUS-EDULI</b><br/>                     Utilizable para tráficos no equipados RNAV5 con origen LEVC y destino LEPA/LESJ y LEMH. Asistencia radar proporcionada por ATC.</p>   |      |           |   |                         |       |     |     |                |               |
| <b>M984</b>        |  |      |           |   |                         |       |     |     |                |               |
| Δ                  | BAGUR DVOR/DME (BGR)<br>415652N 0031232E   |      |           |   |                         |       |     |     |                |               |
| RNAV5              |  | 244° | 20.4      | FL145<br>FL095                          | (+/-) 5 NM              | ↑     |     | D   | BARCELONA ACC  |               |
| Δ                  | BISBA<br>420511N 0033733E  |      |           | BAGUR DVOR/DME (BGR) 064° 20.4 330m     |                         |       |     |     |                |               |

| Designador de ruta |   |      |           |   |                         |       |     |                 |               |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición              |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |                         |       |     |                 |               |               |
| NAV                | TR MAG                                    |      | DIST (NM) | LÍMITES VERTICALES                                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |                 |               |               |
| RNAV5              |   | 244° | 18.3      | FL660<br>FL115  | (+/-) 5 NM              | ↑     |     | C/D             | BARCELONA ACC |               |
| ▲                  | MAMES<br>421233N 0040001E                 |      |           | BAGUR DVOR/DME (BGR) 066° 38.6 330m                   |                         |       |     | Ver AIP France  |               |               |
| <b>M985</b>        |   |      |           |   |                         |       |     |                 |               |               |
| ▲                  | BARPA<br>355000N 0054000W                 |      |           | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>148° 28.6 210m |                         |       |     | Ver AIP Morocco |               |               |
| RNAV5              | 064°                                      | 244° | 23.0      | FL660<br>FL245  | (+/-) 5 NM              | ↑     | ↓   | C               | SEVILLA ACC   |               |
| Δ                  | XAVIR<br>360015N 0051435W                 |      |           | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>112° 38.2 210m |                         |       |     |                 |               |               |
| RNAV5              | 063°                                      | 243° | 19.1      | FL660<br>FL085  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   |               |
| Δ                  | PIMOS<br>360901N 0045336W                 |      |           | MÁLAGA AEROPUERTO SUR DVOR/DME<br>(MLG) 210° 36.8 30m |                         |       |     |                 |               |               |
| RNAV5              | 032°                                      | 212° | 47.2      | FL660<br>FL085  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W |      |           |   |                         |       |     |                 |               |               |
| RNAV5              | 045°                                      | 225° | 49.6      | FL660<br>FL095  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   |               |
| Δ                  | VIBAS<br>372332N 0033751W                 |      |           | GRANADA DVOR/DME (GDA) 054° 21.3 600m                 |                         |       |     |                 |               |               |
| RNAV5              | 046°                                      | 226° | 29.5      | FL660<br>FL085  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   |               |
| Δ                  | BAZAS<br>374404N 0031107W                 |      |           | BAILÉN VOR/DME (BLN) 139° 32.6 540m                   |                         |       |     |                 |               |               |
| RNAV5              | 046°                                      | 226° | 19.1      | FL660<br>FL095  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   | (1)           |
| Δ                  | MAMIS<br>375717N 0025342W                 |      |           | YESTE DVOR/DME (YES) 226° 35.4 1440m                  |                         |       |     |                 |               |               |
| RNAV5              | 046°                                      | 226° | 35.4      | FL660<br>FL095  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   |               |
| Δ                  | YESTE DVOR/DME (YES)<br>382139N 0022110W  |      |           |   |                         |       |     |                 |               |               |
| RNAV5              | 051°                                      | 231° | 15.6      | FL660<br>FL095  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   |               |
| Δ                  | XEBAR<br>383116N 0020534W                 |      |           | YESTE DVOR/DME (YES) 051° 15.6 1440m                  |                         |       |     |                 |               |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |               |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV       |       |     |     |               |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                 | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |               |               |
| RNAV5              | 051°  | 231° | 19.3      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | SEVILLA ACC   | (2)           |
| Δ                  | POBOS<br>384309N 0014608W                   |      |           |                    | YESTE DVOR/DME (YES) 051° 34.8 1440m    |       |     |     |               |               |
| RNAV5              | 051°  | 231° | 29.9      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | ASTRO<br>390128N 0011547W                   |      |           |                    | CALLES DVOR/DME (CLS) 196° 43.0 570m    |       |     |     |               |               |
| RNAV5              | 051°  | 231° | 23.9      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC | (3)           |
| Δ                  | SERRA<br>391558N 0005125W                   |      |           |                    | VALENCIA DVOR/DME (VLC) 232° 21.8 60m   |       |     |     |               |               |
| RNAV5              | 052°  | 232° | 21.8      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 045°  | 225° | 30.5      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | SOPET<br>395002N 0000017W                   |      |           |                    | CASTELLÓN DVOR/DME (CTN) 189° 23.5 360m |       |     |     |               |               |
| RNAV5              | 045°  | 225° | 15.2      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC | (4)           |
| Δ                  | DIKUT<br>400025N 0001410E                   |      |           |                    | CASTELLÓN DVOR/DME (CTN) 150° 14.4 360m |       |     |     |               |               |
| RNAV5              | 046°  | 226° | 22.1      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC | (5)           |
| Δ                  | TORDU<br>401529N 0003518E                   |      |           |                    | CASTELLÓN DVOR/DME (CTN) 083° 23.0 360m |       |     |     |               |               |
| RNAV5              | 046°  | 226° | 25.8      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | LOTOS<br>403259N 0010011E                   |      |           |                    | REUS DVOR/DME (RES) 190° 36.4 60m       |       |     |     |               |               |
| RNAV5              | 046°  | 226° | 14.1      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | EBROX<br>404231N 0011354E                   |      |           |                    | REUS DVOR/DME (RES) 171° 26.3 60m       |       |     |     |               |               |
| RNAV5              | 046°  | 226° | 13.6      | FL660<br>FL095     | (+/-) 5 NM                              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | PEXOT<br>405139N 0012707E                   |      |           |                    | REUS DVOR/DME (RES) 140° 21.5 60m       |       |     |     |               |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |                |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |                |               |
| RNAV5              | 046°   | 226° | 17.1      | FL660<br>FL095                              | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | RODRA<br>410305N 0014349E  |      |           | VILAFRANCA DVOR/DME (VLA) 153° 19.3<br>660m |                         |       |     |     |                |               |
| RNAV5              | 046°   | 226° | 23.0      | FL660<br>FL095                              | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E   |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 075°   |      | 50.0      | FL660<br>FL195                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | SALON<br>412940N 0031114E  |      |           | CALELLA DVOR/DME (CLE) 107° 26.3 420m       |                         |       |     |     |                |               |
| RNAV5              | 075°   |      | 13.9      | FL660<br>FL195                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | AGENA<br>413241N 0032919E  |      |           | BAGUR DVOR/DME (BGR) 150° 27.2 330m         |                         |       |     |     |                |               |
| RNAV5              | 075°   |      | 17.1      | FL660<br>FL095                              | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | BODEQ<br>413620N 0035137E  |      |           | BAGUR DVOR/DME (BGR) 123° 35.7 330m         |                         |       |     |     |                |               |
| RNAV5              | 076°   |      | 37.1      | FL660<br>FL095                              | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| ▲                  | LUMAS<br>414400N 004400E   |      |           | BAGUR DVOR/DME (BGR) 098° 66.5 330m         |                         |       |     |     | Ver AIP France |               |
| (1)                | <b>Tramo BAZAS-MAMIS</b><br>Requiere aprobación RNAV5 (GNSS).  |      |           |   |                         |       |     |     |                |               |
| (2)                | <b>Tramo XEBAR-ASTRO:</b><br>Por debajo de FL245 ver ENR 2.2 DELEGACION ATS SEVILLA ACC/VALENCIA TACC.   |      |           |   |                         |       |     |     |                |               |
| (3)                | <b>Tramo ASTRO-SOPET:</b><br>Por debajo de FL245 ver ENR 2.1 unidad ATS TMA VALENCIA.                    |      |           |   |                         |       |     |     |                |               |
| (4)                | <b>Tramo SOPET-DIKUT:</b><br>Por debajo de FL245 ver ENR 2.2 DELEGACION ATS BARCELONA ACC/VALENCIA TACC. |      |           |   |                         |       |     |     |                |               |
| (5)                | <b>Tramo DIKUT-TORDU:</b><br>Por debajo de FL245 ver ENR 2.1 unidad ATS TMA VALENCIA.                    |      |           |   |                         |       |     |     |                |               |
| <b>M999</b>        |  |      |           |   |                         |       |     |     |                |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W  |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 165°   | 345° | 60.8      | FL660<br>FL155                              | (+/-) 5 NM              | ↓     | ↑   | C   | SEVILLA ACC    | (1)           |

| Designador de ruta |  |      |           |                    |   |       |     |     |                 |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                   |       |     |     |                 |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                             | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |                 |               |
| ▲                  | PODES<br>355000N 0040253W  |      |           |                    | MÁLAGA AEROPUERTO NORTE DVOR/DME (AGP) 157° 55.3 0m |       |     |     | Ver AIP Morocco |               |
| (1)                | <p><b>Tramo DVOR/DME MGA-PODES</b><br/>                     Sujeto a la actividad de la LED169.<br/>                     - FL155-FL660:<br/>                     • CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • Ruta ALTN: MGA N869 GALTO.</p> |      |           |                    |   |       |     |     |                 |               |
| <b>N10</b>         |  |      |           |                    |   |       |     |     |                 |               |
| Δ                  | SAN SEBASTIÁN DVOR/DME (SSN)<br>431840N 0014949W   |      |           |                    |   |       |     |     |                 |               |
| RNAV5              | 170°   | 350° | 18.0      | FL145<br>FL065     | (+/-) 5 NM  | ↓     | ↑   | D   | MADRID ACC      |               |
| Δ                  | DITOP<br>430056N 0014552W  |      |           |                    | PAMPLONA DVOR/DME (PPN) 350° 17.1<br>1050m          |       |     |     |                 |               |
| RNAV5              | 170°   | 350° | 17.1      | FL145<br>FL065     | (+/-) 5 NM  | ↓     | ↑   | D   | MADRID ACC      |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W  |      |           |                    |   |       |     |     |                 |               |
| RNAV5              | 205°   | 025° | 20.5      | FL660<br>FL065     | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      |               |
| Δ                  | NOLSA<br>422539N 0015427W  |      |           |                    | LOGROÑO DVOR/DME (LPA) 095° 18.7 360m               |       |     |     |                 |               |
| RNAV5              | 205°   | 025° | 5.6       | FL660<br>FL085     | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      |               |
| Δ                  | ALEPO<br>422037N 0015748W  |      |           |                    | LOGROÑO DVOR/DME (LPA) 112° 17.6 360m               |       |     |     |                 |               |
| RNAV5              | 205°   | 025° | 4.8       | FL660<br>FL085     | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      | (1)           |
| Δ                  | VASUM<br>421619N 0020040W  |      |           |                    | LOGROÑO DVOR/DME (LPA) 128° 18.0 360m               |       |     |     |                 |               |
| RNAV5              | 205°   | 025° | 6.7       | FL660<br>FL085     | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      |               |
| Δ                  | GARVU<br>421016N 0020440W  |      |           |                    | LOGROÑO DVOR/DME (LPA) 147° 20.6 360m               |       |     |     |                 |               |
| RNAV5              | 205°   | 025° | 44.6      | FL660<br>FL085     | (+/-) 5 NM  | ↓     | ↑   | C/D | MADRID ACC      |               |
| Δ                  | BANEV<br>413009N 0023052W  |      |           |                    | BARAHONA DVOR/DME (BAN) 025° 11.9<br>1140m          |       |     |     |                 |               |

| Designador de ruta |   |      |           |                           |   |       |     |     |             |               |
|--------------------|---|------|-----------|---------------------------|---|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                            |      |           |                           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |       |     |     |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES        | PRECISIÓN DE NAVEGACIÓN                     | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |                           |   | Impar | Par |     |             |               |
| RNAV5              | 205°  | 025° | 11.9      | FL660<br>11500 ft<br>AMSL | (+/-) 5 NM                                  | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | BARAHONA DVOR/DME (BAN)<br>411925N 0023747W             |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 175°  | 355° | 20.6      | FL660<br>10500 ft<br>AMSL | (+/-) 5 NM                                  | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | PINAR<br>405849N 0023557W                               |      |           |                           | BARAHONA DVOR/DME (BAN) 175° 20.7<br>1140m  |       |     |     |             |               |
| RNAV5              | 175°  | 355° | 36.6      | FL660<br>9500 ft<br>AMSL  | (+/-) 5 NM                                  | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W             |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 229°  | 049° | 55.2      | FL660<br>10500 ft<br>AMSL | (+/-) 5 NM                                  | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | VILLATOBAS DVOR/DME (VTB)<br>394651N 0032750W           |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 225°  | 045° | 18.3      | FL660<br>10500 ft<br>AMSL | (+/-) 5 NM                                  | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | INPAN<br>393358N 0034446W                               |      |           |                           | VILLATOBAS DVOR/DME (VTB) 225° 18.3<br>720m |       |     |     |             |               |
| RNAV5              | 225°  | 045° | 53.3      | FL660<br>FL095            | (+/-) 5 NM                                  | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | CRISA<br>385619N 0043323W                               |      |           |                           | HIJOSA DEL DUQUE VOR/DME (HIJ)<br>36.3 570m |       |     |     |             |               |
| RNAV5              | 224°  | 044° | 36.3      | FL660<br>FL095            | (+/-) 5 NM                                  | ↓     | ↑   | C/D | SEVILLA ACC |               |
| Δ                  | HIJOSA DEL DUQUE VOR/DME (HIJ)<br>383029N 0050559W      |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 206°  | 026° | 72.0      | FL660<br>FL095            | (+/-) 5 NM                                  | ↓     | ↑   | C/D | SEVILLA ACC |               |
| Δ                  | SEVILLA DVOR/DME (SVL)<br>372539N 0054544W              |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 188°  | 008° | 71.9      | FL660<br>FL095            | (+/-) 5 NM                                  | ↓     | ↑   | C/D | SEVILLA ACC | (2)           |
| Δ                  | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W |      |           |                           |   |       |     |     |             |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |                 |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                 |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |                 |               |
| RNAV5              | 178°   | 358° | 24.3      | FL660<br>FL065     | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC     | (3)           |
| ▲                  | LINTO<br>355000N 0055716W  |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>178° 24.4 210m |       |     |     | Ver AIP Morocco |               |
| (1)                | <u>Tramo ALEPO-VASUM</u><br>- FL085-FL145: navegación convencional.        |      |           |                    |   |       |     |     |                 |               |
| (2)                | <u>Tramo DVOR/DME SVL-LINTO</u><br>Sujeto a la actividad de la LETR4.      |      |           |                    |   |       |     |     |                 |               |
| (3)                | <u>Tramo DVOR/DME VJF-LINTO</u><br>- FL145-FL660: unidireccional IMPAR FL. |      |           |                    |   |       |     |     |                 |               |
| N13                |  |      |           |                    |   |       |     |     |                 |               |
| ▲                  | IBRAP<br>422142N 0020331E  |      |           |                    | GERONA DVOR/DME (GIR) 307° 40.9 150m                  |       |     |     | Ver AIP France  |               |
| RNAV5              | 163°   |      | 36.9      | FL660<br>FL195     | (+/-) 5 NM  | ↓     |     | C   | BARCELONA ACC   |               |
| Δ                  | LUKEV<br>414558N 0021607E  |      |           |                    | SABADELL DVOR/DME (SLL) 024° 16.4 150m                |       |     |     |                 |               |
| RNAV5              | 163°   |      | 78.4      | FL660<br>FL195     | (+/-) 5 NM  | ↓     |     | C   | BARCELONA ACC   |               |
| Δ                  | LORES<br>403000N 0024209E  |      |           |                    | POLLENSA DVOR/DME (POS) 329° 39.2 360m                |       |     |     |                 |               |
| N31                |  |      |           |                    |   |       |     |     |                 |               |
| ▲                  | PUMAL<br>422201N 0020030E  |      |           |                    | GERONA DVOR/DME (GIR) 306° 42.9 150m                  |       |     |     | Ver AIP France  |               |
| RNAV5              | 173°   |      | 11.8      | FL245<br>FL125     | (+/-) 5 NM  | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | BERGA<br>421018N 0020155E  |      |           |                    | GERONA DVOR/DME (GIR) 292° 36.0 150m                  |       |     |     |                 |               |
| RNAV5              | 173°   |      | 20.2      | FL245<br>FL125     | (+/-) 5 NM  | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | MAMUK<br>415012N 0020420E  |      |           |                    | SABADELL DVOR/DME (SLL) 353° 19.1 150m                |       |     |     |                 |               |
| RNAV5              | 173°   | 353° | 19.1      | FL245<br>FL125     | (+/-) 5 NM  | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| Δ                  | SABADELL DVOR/DME (SLL)<br>413111N 0020635E                                |      |           |                    |   |       |     |     |                 |               |
| RNAV5              | 178°   |      | 12.8      | FL245<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E                               |      |           |                    |   |       |     |     |                 |               |

| Designador de ruta |  |      |           |                    |  |       |     |     |                 |               |
|--------------------|--|------|-----------|--------------------|--|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                |       |     |     |                 |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                          | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |  | Impar | Par |     |                 |               |
| <b>N75</b>         |  |      |           |                    |  |       |     |     |                 |               |
| Δ                  | BILBAO DVOR/DME (BLV)<br>431815N 0025531W  |      |           |                    |  |       |     |     |                 |               |
| RNAV5              | 322°   |      | 28.3      | FL660<br>FL095     | (+/-) 5 NM                                       |       | ↓   | C/D | MADRID ACC      |               |
| Δ                  | DOSUL<br>434050N 0031900W  |      |           |                    | BILBAO DVOR/DME (BLV) 322° 28.3 30m              |       |     |     |                 |               |
| RNAV5              | 323°   | 143° | 9.9       | FL660<br>FL095     | (+/-) 5 NM                                       | ↑     | ↓   | C/D | MADRID ACC      |               |
| ▲                  | XORNA<br>434845N 0032706W  |      |           |                    | SANTANDER DVOR/DME (SNR) 042° 29.3<br>60m        |       |     |     |                 |               |
| RNAV5              | 323°   | 143° | 38.7      | FL660<br>FL095     | (+/-) 5 NM                                       | ↑     | ↓   | C/D | MADRID ACC      |               |
| ▲                  | DELOG<br>441944N 0035915W  |      |           |                    | SANTANDER DVOR/DME (SNR) 356° 52.9<br>60m        |       |     |     | Ver AIP France  |               |
| <b>N480</b>        |  |      |           |                    |  |       |     |     |                 |               |
| ▲                  | BALDA<br>443635N 0053311W  |      |           |                    | ASTURIAS DVOR/DME (VES) 017° 66.2 120m           |       |     |     | Ver AIP France  |               |
| RNAV5              | 207°   |      | 37.2      | FL245<br>FL145     | (+/-) 5 NM                                       |       | ↓   | C   | MADRID ACC      |               |
| Δ                  | MAVOS<br>440316N 0055605W  |      |           |                    | ASTURIAS DVOR/DME (VES) 006° 30.0 120m           |       |     |     |                 |               |
| <b>N493</b>        |  |      |           |                    |  |       |     |     |                 |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W  |      |           |                    |  |       |     |     |                 |               |
| RNAV5              | 137°   | 317° | 80.5      | FL660<br>FL155     | (+/-) 5 NM                                       | ↓     | ↑   | C   | SEVILLA ACC (1) |               |
| ▲                  | BERUM<br>355000N 0031409W  |      |           |                    | MELILLA DVOR/DME (MEL) 337° 35.9 60m             |       |     |     | Ver AIP Morocco |               |
| (1)                | <p><b>Tramo DVOR/DME MGA-BERUM</b><br/>Sujeto a la actividad de la LED169.<br/>- FL155-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MGA N869 GALTO.</p> |      |           |                    |  |       |     |     |                 |               |
| <b>N602</b>        |  |      |           |                    |  |       |     |     |                 |               |
| ▲                  | KONBA<br>311803N 0151806W  |      |           |                    | LANZAROTE DVOR/DME (LZR) 327° 158.3<br>540m      |       |     |     | Ver AIP Morocco |               |
| RNAV5              |  | 020° | 82.3      | FL660<br>FL195     | (+/-) 5 NM                                       |       | ↑   | C   | CANARIAS ACC    |               |
| Δ                  | KASAS<br>295911N 0154607W  |      |           |                    | TENERIFE NORTE DVOR/DME (TFN) 020° 90.9<br>1020m |       |     |     |                 |               |

| Designador de ruta |   |      |           |   |                         |       |     |                 |               |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                      |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV       |                         |       |     |                 |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                      | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |                 |               |               |
| RNAV5              |   | 020° | 90.6      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↑   | C/D             | CANARIAS ACC  |               |
| Δ                  | TENERIFE NORTE DVOR/DME (TFN)<br>283213N 0161608W |      |           |   |                         |       |     |                 |               |               |
| <b>N608</b>        |   |      |           |   |                         |       |     |                 |               |               |
| ▲                  | HAMRA<br>365216N 0000125W                         |      |           | MURCIA DVOR/DME (MUR) 135° 76.6 210m    |                         |       |     | Ver AIP Algeria |               |               |
| RNAV5              | 359°  |      | 64.6      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | RAFOL<br>375658N 0000101W                         |      |           | ALTET VOR/DME (ALT) 125° 32.4 60m       |                         |       |     |                 |               |               |
| RNAV5              | 359°  |      | 30.0      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | MITOS<br>382658N 0000049W                         |      |           | ALTET VOR/DME (ALT) 066° 28.4 60m       |                         |       |     |                 |               |               |
| RNAV5              | 359°  |      | 54.0      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | COMPI<br>392103N 0000028W                         |      |           | VALENCIA DVOR/DME (VLC) 109° 23.5 60m   |                         |       |     |                 |               |               |
| RNAV5              | 359°  |      | 29.0      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | SOPET<br>395002N 0000017W                         |      |           | CASTELLÓN DVOR/DME (CTN) 189° 23.5 360m |                         |       |     |                 |               |               |
| RNAV5              | 014°  |      | 24.8      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | CASIM<br>401351N 0000835E                         |      |           | CASTELLÓN DVOR/DME (CTN) 072° 2.6 360m  |                         |       |     |                 |               |               |
| RNAV5              | 015°  |      | 20.3      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | MATEX<br>403324N 0001556E                         |      |           | CASTELLÓN DVOR/DME (CTN) 020° 21.8 360m |                         |       |     |                 |               |               |
| RNAV5              | 015°  |      | 19.6      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | DORMI<br>405216N 0002306E                         |      |           | MAELLA DVOR/DME (MLA) 146° 18.4 360m    |                         |       |     |                 |               |               |
| RNAV5              | 015°  |      | 9.4       | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D             | BARCELONA ACC |               |
| Δ                  | PELAT<br>410118N 0002633E                         |      |           | MAELLA DVOR/DME (MLA) 116° 14.1 360m    |                         |       |     |                 |               |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |                |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV      |                         |       |     |     |                |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |                |               |
| RNAV5              | 015°  |      | 5.5       | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | SALAS<br>410635N 0002835E                   |      |           | MAELLA DVOR/DME (MLA) 093° 14.1 360m   |                         |       |     |     |                |               |
| RNAV5              | 015°  |      | 14.5      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | VILAR<br>412030N 0003357E                   |      |           | MAELLA DVOR/DME (MLA) 053° 22.1 360m   |                         |       |     |     |                |               |
| RNAV5              | 015°  |      | 13.2      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | LÉRIDA NDB (LRD)<br>413311N 0003853E        |      |           | MAELLA DVOR/DME (MLA) 039° 33.4 360m   |                         |       |     |     |                |               |
| RNAV5              | 010°  |      | 6.7       | FL660<br>FL125                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | MECKI<br>413943N 0004043E                   |      |           | REUS DVOR/DME (RES) 323° 38.0 60m      |                         |       |     |     |                |               |
| RNAV5              | 010°  |      | 11.2      | FL660<br>FL125                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | GEMAS<br>415042N 0004349E                   |      |           | REUS DVOR/DME (RES) 334° 46.4 60m      |                         |       |     |     |                |               |
| RNAV5              | 010°  |      | 37.0      | FL660<br>FL125                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | BARBO<br>422656N 0005410E                   |      |           | HUESCA DVOR/DME (HUE) 066° 58.8 540m   |                         |       |     |     |                |               |
| RNAV5              | 010°  |      | 20.0      | FL660<br>FL135                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| ▲                  | GIROM<br>424630N 0005950E                   |      |           | HUESCA DVOR/DME (HUE) 052° 71.9 540m   |                         |       |     |     | Ver AIP France |               |
| <b>N725</b>        |   |      |           |  |                         |       |     |     |                |               |
| Δ                  | SANTIAGO DVOR/DME (STG)<br>425537N 0082531W |      |           |  |                         |       |     |     |                |               |
| RNAV5              | 097°  | 277° | 50.0      | FL245<br>FL115                         | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC     |               |
| Δ                  | LOMDA<br>425110N 0071746W                   |      |           | SANTIAGO DVOR/DME (STG) 096° 49.9 390m |                         |       |     |     |                |               |
| RNAV5              | 096°  | 276° | 33.6      | FL245<br>FL115                         | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC     |               |
| Δ                  | BISMU<br>424748N 0063219W                   |      |           | LEÓN DVOR/DME (EON) 288° 41.2 930m     |                         |       |     |     |                |               |

| Designador de ruta |  |      |           |                                       |                         |       |     |     |            |               |
|--------------------|--|------|-----------|---------------------------------------|-------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición               |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV     |                         |       |     |     |            |               |
| NAV                | TR MAG                                     |      | DIST (NM) | LÍMITES VERTICALES                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓  | ↑    |           |                                       |                         | Impar | Par |     |            |               |
| RNAV5              | 097°                                       | 277° | 16.6      | FL245<br>FL135                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | LARVO<br>424602N 0060952W                  |      |           | LEÓN DVOR/DME (EON) 295° 25.1 930m    |                         |       |     |     |            |               |
| RNAV5              | 097°                                       | 277° | 13.7      | FL245<br>FL135                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | ROVAK<br>424431N 0055123W                  |      |           | LEÓN DVOR/DME (EON) 314° 12.9 930m    |                         |       |     |     |            |               |
| RNAV5              | 097°                                       | 277° | 18.4      | FL245<br>FL135                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| ▲                  | SUSOS<br>424223N 0052634W                  |      |           | LEÓN DVOR/DME (EON) 053° 11.2 930m    |                         |       |     |     |            |               |
| RNAV5              | 097°                                       | 277° | 20.2      | FL660<br>FL135                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | NUBLO<br>423958N 0045920W                  |      |           | LEÓN DVOR/DME (EON) 081° 29.3 930m    |                         |       |     |     |            |               |
| RNAV5              | 097°                                       | 277° | 6.2       | FL660<br>FL135                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | NEDUS<br>423912N 0045059W                  |      |           | LEÓN DVOR/DME (EON) 084° 35.4 930m    |                         |       |     |     |            |               |
| RNAV5              | 097°                                       | 277° | 36.6      | FL660<br>FL115                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | RATAS<br>423428N 0040151W                  |      |           | BURGOS VOR/DME (BUR) 305° 22.7 900m   |                         |       |     |     |            |               |
| RNAV5              | 098°                                       | 278° | 35.4      | FL660<br>FL115                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | KOHDE<br>422933N 0031423W                  |      |           | DOMINGO DVOR/DME (DGO) 278° 16.1 660m |                         |       |     |     |            |               |
| RNAV5              | 098°                                       | 278° | 16.1      | FL660<br>FL115                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W |      |           |                                       |                         |       |     |     |            |               |
| RNAV5              | 105°                                       | 285° | 40.2      | FL660<br>FL145                        | (+/-) 5 NM              | ↑     | ↓   | C   | MADRID ACC |               |
| Δ                  | VASUM<br>421619N 0020040W                  |      |           | LOGROÑO DVOR/DME (LPA) 128° 18.0 360m |                         |       |     |     |            |               |
| RNAV5              | 105°                                       | 285° | 37.1      | FL660<br>FL195                        | (+/-) 5 NM              | ↑     | ↓   | C   | MADRID ACC | (1) (2)       |
| Δ                  | YAKXU<br>420555N 0011246W                  |      |           | ZARAGOZA VOR/DME (ZAR) 342° 27.7 270m |                         |       |     |     |            |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |               |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                 |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV         |                         |       |     |     |               |               |
| NAV                | TR MAG                                       |      | DIST (NM) | LÍMITES VERTICALES                        | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |               |               |
| RNAV5              | 106°   | 286° | 17.1      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | MADRID ACC    |               |
| Δ                  | ELSAP<br>420102N 0005050W                    |      |           | ZARAGOZA VOR/DME (ZAR) 020° 23.1 270m     |                         |       |     |     |               |               |
| RNAV5              | 106°   | 286° | 23.1      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | MADRID ACC    |               |
| Δ                  | VAKIN<br>415417N 0002112W                    |      |           | HUESCA DVOR/DME (HUE) 187° 10.2 540m      |                         |       |     |     |               |               |
| RNAV5              | 106°   | 286° | 24.1      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC |               |
| Δ                  | DIRMU<br>414708N 0000934E                    |      |           | HUESCA DVOR/DME (HUE) 127° 27.5 540m      |                         |       |     |     |               |               |
| RNAV5              | 106°   | 286° | 7.5       | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC |               |
| Δ                  | LOBAR<br>414453N 0001906E                    |      |           | HUESCA DVOR/DME (HUE) 123° 34.5 540m      |                         |       |     |     |               |               |
| RNAV5              | 106°   | 286° | 17.0      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC |               |
| Δ                  | MECKI<br>413943N 0004043E                    |      |           | REUS DVOR/DME (RES) 323° 38.0 60m         |                         |       |     |     |               |               |
| RNAV5              | 108°   | 288° | 21.5      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC |               |
| Δ                  | ARBEK<br>413238N 0010747E                    |      |           | VILLAFRANCA DVOR/DME (VLA) 301° 22.4 660m |                         |       |     |     |               |               |
| RNAV5              | 105°   | 285° | 25.7      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC |               |
| Δ                  | SADUR<br>412502N 0014026E                    |      |           | VILLAFRANCA DVOR/DME (VLA) 050° 7.2 660m  |                         |       |     |     |               |               |
| RNAV5              | 107°   | 287° | 20.7      | FL660<br>FL195                            | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 101°   |      | 66.5      | FL660<br>FL195                            | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | DIPES<br>410347N 0033224E                    |      |           | CALELLA DVOR/DME (CLE) 128° 53.5 420m     |                         |       |     |     |               |               |
| RNAV5              | 101°   |      | 12.4      | FL660<br>FL195                            | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | TOSNU<br>410055N 0034825E                    |      |           | BAGUR DVOR/DME (BGR) 152° 62.1 330m       |                         |       |     |     |               |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |                  |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                  |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |                  |               |
| RNAV5              | 101°   |      | 30.6      | FL660<br>FL195     | (+/-) 5 NM  |       | ↓   | C   | BARCELONA ACC    |               |
| Δ                  | LAPIT<br>405343N 0042741E  |      |           |                    | MENORCA DVOR/DME (MHN) 008° 63.0 90m                  |       |     |     |                  |               |
| RNAV5              | 101°   |      | 9.6       | FL660<br>FL195     | (+/-) 5 NM  |       | ↓   | C   | BARCELONA ACC    |               |
| ▲                  | OSPOK<br>405125N 0044000E  |      |           |                    |   |       |     |     | Ver AIP France   |               |
| (1)                | <b>Tramo VASUM-LOBAR</b><br>FL195-FL245: unidad CTL ZARAGOZA TACC.   |      |           |                    |   |       |     |     |                  |               |
| (2)                | <b>Tramo VASUM-DIRMU</b><br>Sujeto a la actividad de las LED47A/B.<br>- FL365-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL < 365.<br><br>Sujeto a la actividad de la LED50.<br>- FL195-FL235:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL > 245. |      |           |                    |   |       |     |     |                  |               |
| <b>N726</b>        |  |      |           |                    |   |       |     |     |                  |               |
| Δ                  | SANTIAGO DVOR/DME (STG)<br>425537N 0082531W  |      |           |                    |   |       |     |     |                  |               |
| RNAV5              | 172°   |      | 48.0      | FL245<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC       |               |
| ▲                  | NARBO<br>420823N 0081342W  |      |           |                    | VIGO DVOR/DME (VGO) 124° 19.8 270m                    |       |     |     | Ver AIP Portugal |               |
| ▲                  | ORTOP<br>360136N 0072300W  |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>260° 69.5 210m |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 105°   | 285° | 46.9      | FL660<br>FL145     | (+/-) 5 NM  | ↓     | ↑   | C   | SEVILLA ACC      | (1)           |
| ▲                  | BAMBA<br>355000N 0062703W  |      |           |                    |   |       |     |     |                  |               |
| (1)                | <b>Tramo ORTOP-BAMBA</b><br>Sujeto a la actividad de la LED122.<br>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- <b>Ruta ALTN:</b> FIR LISBOA Y FIR CASABLANCA.  |      |           |                    |   |       |     |     |                  |               |
| <b>N727</b>        |  |      |           |                    |   |       |     |     |                  |               |
| ▲                  | GEANT<br>422600N 0021259E  |      |           |                    | GERONA DVOR/DME (GIR) 319° 39.0 150m                  |       |     |     | Ver AIP France   |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV              |       |     |     |                  |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                        | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |                  |               |
| RNAV5              | 138°  |      | 39.0      | FL660<br>FL195     | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC    |               |
| Δ                  | GERONA DVOR/DME (GIR)<br>415552N 0024619E   |      |           |                    |  |       |     |     |                  |               |
| RNAV5              | 142°  |      | 32.2      | FL660<br>FL145     | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC    |               |
| Δ                  | SALON<br>412940N 0031114E                   |      |           |                    | CALELLA DVOR/DME (CLE) 107° 26.3 420m          |       |     |     |                  |               |
| RNAV5              | 146°  |      | 21.9      | FL660<br>FL145     | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC    |               |
| Δ                  | SULID<br>411104N 0032629E                   |      |           |                    | CALELLA DVOR/DME (CLE) 124° 45.5 420m          |       |     |     |                  |               |
| RNAV5              | 146°  |      | 8.5       | FL660<br>FL145     | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC    |               |
| Δ                  | DIPES<br>410347N 0033224E                   |      |           |                    | CALELLA DVOR/DME (CLE) 128° 53.5 420m          |       |     |     |                  |               |
| RNAV5              | 146°  |      | 39.5      | FL660<br>FL145     | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC    |               |
| Δ                  | SARGO<br>403000N 0035931E                   |      |           |                    | MENORCA DVOR/DME (MHN) 343° 39.6 90m           |       |     |     |                  |               |
| <b>N728</b>        |   |      |           |                    |  |       |     |     |                  |               |
| ▲                  | KORUL<br>445007N 0065511W                   |      |           |                    | ASTURIAS DVOR/DME (VES) 333° 86.2 120m         |       |     |     | Ver AIP France   |               |
| RNAV5              | 211°  | 031° | 81.8      | FL245<br>FL095     | (+/-) 5 NM                                     | ↓     | ↑   | C/D | MADRID ACC       | (1)           |
| Δ                  | KORAV<br>433911N 0075156W                   |      |           |                    | LA CORUÑA DVOR/DME (LRA) 052° 24.6 120m        |       |     |     |                  |               |
| RNAV5              | 212°  | 032° | 50.0      | FL245<br>FL095     | (+/-) 5 NM                                     | ↓     | ↑   | C/D | MADRID ACC       |               |
| Δ                  | SANTIAGO DVOR/DME (STG)<br>425537N 0082531W |      |           |                    |  |       |     |     |                  |               |
| RNAV5              | 217°  | 037° | 73.1      | FL245<br>FL095     | (+/-) 5 NM                                     | ↓     | ↑   | C/D | MADRID ACC       |               |
| ▲                  | DEMOS<br>415533N 0092143W                   |      |           |                    | VIGO DVOR/DME (VGO) 236° 41.4 270m             |       |     |     | Ver AIP Portugal |               |
| ▲                  | ORTIS<br>312425N 0163325W                   |      |           |                    | TENERIFE NORTE DVOR/DME (TFN) 359° 173.0 1020m |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 179°  |      | 63.3      | FL660<br>FL105     | (+/-) 5 NM                                     | ↓     |     | C/D | CANARIAS ACC     | (2)           |
| Δ                  | PITAB<br>302110N 0162657W                   |      |           |                    | TENERIFE NORTE DVOR/DME (TFN) 359° 109.4 1020m |       |     |     |                  |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                           | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                 |               |
| RNAV5              | 179°  |      | 45.8      | FL660<br>FL105     | (+/-) 5 NM  | ↓     |     | C/D | CANARIAS ACC    | (3)           |
| Δ                  | BRICK<br>293529N 0162222W                                     |      |           |                    | TENERIFE NORTE DVOR/DME (TFN) 359° 63.5<br>1020m  |       |     |     |                 |               |
| RNAV5              | 179°  |      | 63.3      | FL660<br>FL095     | (+/-) 5 NM  | ↓     |     | C/D | CANARIAS ACC    |               |
| Δ                  | TENERIFE NORTE DVOR/DME (TFN)<br>283213N 0161608W             |      |           |                    |   |       |     |     |                 |               |
| RNAV5              | 152°  | 332° | 57.7      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | CANARIAS ACC    |               |
| Δ                  | LOMAS<br>274314N 0154128W                                     |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 248°<br>15.2 60m  |       |     |     |                 |               |
| RNAV5              | 153°  | 333° | 43.9      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | CANARIAS ACC    | (4)           |
| Δ                  | REMGI<br>270525N 0151611W                                     |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 172°<br>45.2 60m  |       |     |     |                 |               |
| RNAV5              | 153°  | 333° | 66.1      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | CANARIAS ACC    | (5)           |
| ▲                  | CABOJ<br>260820N 0143838W                                     |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 161°<br>109.9 60m |       |     |     |                 |               |
| RNAV5              | 151°  | 331° | 29.0      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/F | CANARIAS ACC    | (6)           |
| ▲                  | ARENA<br>254341N 0142131W                                     |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 159°<br>138.6 60m |       |     |     |                 |               |
| RNAV5              | 151°  | 331° | 49.6      | FL660<br>FL195     | (+/-) 5 NM  | ↓     | ↑   | C   | CANARIAS ACC    |               |
| ▲                  | KEMUL<br>250130N 0135233W                                     |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 157°<br>188.0 60m |       |     |     |                 |               |
| RNAV5              | 151°  | 331° | 93.1      | FL660<br>FL195     | (+/-) 5 NM  | ↓     | ↑   | C   | CANARIAS ACC    |               |
| ▲                  | MIYEC<br>234200N 0125900W                                     |      |           |                    |   |       |     |     | Ver AIP Senegal |               |
| (1)                | <b>Tramo KORUL-KORAV</b><br>Requiere aprobación RNAV5 (GNSS). |      |           |                    |   |       |     |     |                 |               |
| (2)                | <b>Tramo ORTIS-PITAB</b><br>Requiere aprobación RNAV5 (GNSS). |      |           |                    |   |       |     |     |                 |               |

| Designador de ruta |  |   |           |                    |                                   |       |     |     |            |               |
|--------------------|--|---|-----------|--------------------|-----------------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV |       |     |     |            |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN           | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |                                   | Impar | Par |     |            |               |
| (3)                | <b>Tramo PITAB-BRICK:</b><br>Requiere aprobación RNAV5 (DME/DME o GNSS).   |   |           |                    |                                   |       |     |     |            |               |
| (4)                | <b>Tramo LOMAS-CABOJ</b><br>Sujeto a la actividad de las GCD79C/E/N/T.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN:<br>• LOMA N873 ODEGI Z353 ROTUM.<br>• TFN T274 GDV Q279 LAY. |   |           |                    |                                   |       |     |     |            |               |
| (5)                | <b>Tramo REMGI-ARENA</b><br>Requiere aprobación RNAV5 (GNSS).  |   |           |                    |                                   |       |     |     |            |               |
| (6)                | FL195-FL660 Clase C,<br>FL095-FL195 Clase F.   |   |           |                    |                                   |       |     |     |            |               |

| N729  |   |      |       |                |   |   |   |     |                  |         |
|-------|---|------|-------|----------------|---|---|---|-----|------------------|---------|
| ▲     | BIMBO<br>312517N 0160158W                       |      |       |                | TENERIFE NORTE DVOR/DME (TFN) 008°<br>173.6 1020m |   |   |     | Ver AIP Portugal |         |
| RNAV5 |   | 354° | 59.9  | FL660<br>FL095 | (+/-) 5 NM  |   | ↑ | C/D | CANARIAS ACC     | (1)     |
| Δ     | GURKA<br>302602N 0155101W                       |      |       |                | TENERIFE NORTE DVOR/DME (TFN) 015°<br>116.0 1020m |   |   |     |                  |         |
| RNAV5 |   | 354° | 27.1  | FL660<br>FL095 | (+/-) 5 NM  |   | ↑ | C/D | CANARIAS ACC     | (2)     |
| Δ     | KASAS<br>295911N 0154607W                       |      |       |                | TENERIFE NORTE DVOR/DME (TFN) 020° 90.9<br>1020m  |   |   |     |                  |         |
| RNAV5 |   | 355° | 115.7 | FL660<br>FL095 | (+/-) 5 NM  |   | ↑ | C/D | CANARIAS ACC     | (3)     |
| Δ     | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W |      |       |                |   |   |   |     |                  |         |
| RNAV5 | 175°  | 355° | 59.7  | FL660<br>FL145 | (+/-) 5 NM  | ↓ | ↑ | C   | CANARIAS ACC     | (4) (5) |
| Δ     | REMGI<br>270525N 0151611W                       |      |       |                | GRAN CANARIA SUR DVOR/DME (LPC) 172°<br>45.2 60m  |   |   |     |                  |         |
| RNAV5 | 175°  | 355° | 22.2  | FL660<br>FL145 | (+/-) 5 NM  | ↓ | ↑ | C   | CANARIAS ACC     |         |
| Δ     | DEREV<br>264323N 0151240W                       |      |       |                | GRAN CANARIA SUR DVOR/DME (LPC) 173°<br>67.4 60m  |   |   |     |                  |         |
| RNAV5 | 175°  | 355° | 104.1 | FL660<br>FL145 | (+/-) 5 NM  | ↑ | ↓ | C   | CANARIAS ACC     |         |
| ▲     | CABEL<br>250000N 0145628W                       |      |       |                | GRAN CANARIA SUR DVOR/DME (LPC) 175°<br>171.9 60m |   |   |     |                  |         |

| Designador de ruta |  |      |           |                    |  |       |     |     |                |               |
|--------------------|--|------|-----------|--------------------|--|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV      |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |  | Impar | Par |     |                |               |
| (1)                | <b>Tramo BIMBO-GURKA</b><br>Requiere aprobación RNAV5 (GNSS).  |      |           |                    |  |       |     |     |                |               |
| (2)                | <b>Tramo GURKA-DVOR/DME GDV</b><br>Requiere aprobación RNAV5 (DME/DME O GNSS).   |      |           |                    |  |       |     |     |                |               |
| (3)                | <b>Tramo DVOR/DME GDV-KASAS</b><br>Sujeto a la actividad de la GCD53.  |      |           |                    |  |       |     |     |                |               |
| (4)                | <b>Tramo DVOR/DME GDV-CABEL</b><br>Requiere aprobación RNAV5 (GNSS).   |      |           |                    |  |       |     |     |                |               |
| (5)                | <b>Tramo DVOR/DME GDV-CABEL</b><br>Sujeto a la actividad de las GCD79C/E/N/T.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN:<br>• GDV N873 ODEGI Z27 BIPET.<br>• GDV Q279 LAY. |      |           |                    |  |       |     |     |                |               |
| <b>N733</b>        |  |      |           |                    |  |       |     |     |                |               |
| Δ                  | SANTIAGO DVOR/DME (STG)<br>425537N 0082531W  |      |           |                    |  |       |     |     |                |               |
| RNAV5              | 125°   | 305° | 33.9      | FL245<br>FL095     | (+/-) 5 NM                             | ↑     | ↓   | C/D | MADRID ACC     |               |
| Δ                  | ELTEP<br>423659N 0074701W  |      |           |                    | SANTIAGO DVOR/DME (STG) 124° 33.9 390m |       |     |     |                |               |
| RNAV5              | 124°   | 304° | 16.1      | FL245<br>FL095     | (+/-) 5 NM                             | ↑     | ↓   | C/D | MADRID ACC     |               |
| Δ                  | FORNO<br>422805N 0072853W  |      |           |                    | SANTIAGO DVOR/DME (STG) 124° 49.9 390m |       |     |     |                |               |
| RNAV5              | 124°   | 304° | 5.0       | FL245<br>FL095     | (+/-) 5 NM                             | ↑     | ↓   | C/D | MADRID ACC     |               |
| Δ                  | FINAM<br>422520N 0072319W  |      |           |                    | VIGO DVOR/DME (VGO) 084° 54.1 270m     |       |     |     |                |               |
| RNAV5              | 125°   | 305° | 15.8      | FL245<br>FL095     | (+/-) 5 NM                             | ↑     | ↓   | C/D | MADRID ACC (1) |               |
| Δ                  | INSID<br>421632N 0070539W  |      |           |                    | LEÓN DVOR/DME (EON) 254° 67.0 930m     |       |     |     |                |               |
| RNAV5              | 125°   | 305° | 8.0       | FL245<br>FL095     | (+/-) 5 NM                             | ↑     | ↓   | C/D | MADRID ACC     |               |
| Δ                  | BARKO<br>421202N 0065641W  |      |           |                    | LEÓN DVOR/DME (EON) 248° 62.2 930m     |       |     |     |                |               |
| RNAV5              | 125°   | 305° | 39.4      | FL245<br>FL115     | (+/-) 5 NM                             | ↑     | ↓   | C/D | MADRID ACC     |               |
| ▲                  | DESAT<br>414949N 0061300W  |      |           |                    | ZAMORA DVOR/DME (ZMR) 305° 31.5 630m   |       |     |     |                |               |

| Designador de ruta |   |      |           |                          |   |       |     |     |            |               |
|--------------------|---|------|-----------|--------------------------|---|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           |                          | VOR/DME-REF BRG DIST(NM) DME-ELEV         |       |     |     |            |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES       | PRECISIÓN DE NAVEGACIÓN                   | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓   | ↑    |           |                          |   | Impar | Par |     |            |               |
| RNAV5              | 125°  | 305° | 31.6      | FL660<br>FL115           | (+/-) 5 NM                                | ↑     | ↓   | C/D | MADRID ACC |               |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W   |      |           |                          |   |       |     |     |            |               |
| RNAV5              |   | 295° | 33.8      | FL660<br>FL145           | (+/-) 5 NM                                | ↑     |     | C   | MADRID ACC |               |
| Δ                  | ZANKO<br>411717N 0045753W                   |      |           |                          | SALAMANCA VOR/DME (BBI) 054° 27.6 900m    |       |     |     |            |               |
| RNAV5              |   | 296° | 17.8      | FL660<br>FL145           | (+/-) 5 NM                                | ↑     |     | C   | MADRID ACC |               |
| Δ                  | UNSOL<br>410932N 0043640W                   |      |           |                          | SALAMANCA VOR/DME (BBI) 077° 39.2 900m    |       |     |     |            |               |
| RNAV5              |   | 296° | 19.6      | FL660<br>FL145           | (+/-) 5 NM                                | ↑     |     | C   | MADRID ACC |               |
| Δ                  | DISKO<br>410055N 0041324W                   |      |           |                          | SOMOSIERRA DVOR/DME (SIE) 253° 29.2 1680m |       |     |     |            |               |
| RNAV5              |   | 297° | 85.8      | FL660<br>FL145           | (+/-) 5 NM                                | ↑     |     | C   | MADRID ACC |               |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W |      |           |                          |   |       |     |     |            |               |
| RNAV5              | 118°  | 298° | 20.2      | FL660<br>9500 ft<br>AMSL | (+/-) 5 NM                                | ↑     | ↓   | C/D | MADRID ACC | (2)           |
| Δ                  | BENED<br>401238N 0020930W                   |      |           |                          | CASTEJÓN DVOR/DME (CJN) 118° 20.2 1080m   |       |     |     |            |               |
| RNAV5              | 118°  | 298° | 7.8       | FL660<br>FL095           | (+/-) 5 NM                                | ↑     | ↓   | C/D | MADRID ACC | (3)           |
| Δ                  | PRADO<br>400851N 0020037W                   |      |           |                          | CASTEJÓN DVOR/DME (CJN) 118° 27.9 1080m   |       |     |     |            |               |
| RNAV5              | 118°  | 298° | 30.5      | FL660<br>FL095           | (+/-) 5 NM                                | ↑     | ↓   | C/D | MADRID ACC | (4)           |
| Δ                  | CENTA<br>395402N 0012555W                   |      |           |                          | CALLES DVOR/DME (CLS) 298° 23.6 570m      |       |     |     |            |               |
| RNAV5              | 118°  | 298° | 11.7      | FL660<br>FL095           | (+/-) 5 NM                                | ↑     | ↓   | C/D | MADRID ACC | (5) (6)       |
| Δ                  | CATON<br>394819N 0011242W                   |      |           |                          | CALLES DVOR/DME (CLS) 298° 11.9 570m      |       |     |     |            |               |
| RNAV5              | 118°  | 298° | 6.2       | FL660<br>FL095           | (+/-) 5 NM                                | ↑     | ↓   | C/D | MADRID ACC | (7)           |
| Δ                  | EFUSO<br>394515N 0010540W                   |      |           |                          | CALLES DVOR/DME (CLS) 298° 5.7 570m       |       |     |     |            |               |

| Designador de ruta |  |      |           |                    |  |       |     |     |                |               |
|--------------------|--|------|-----------|--------------------|--|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                            | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |  | Impar | Par |     |                |               |
| RNAV5              | 118°   | 298° | 5.7       | FL660<br>FL095     | (+/-) 5 NM   | ↑     | ↓   | C/D | BARCELONA ACC  | (8)           |
| Δ                  | CALLES DVOR/DME (CLS)<br>394226N 0005911W                                  |      |           |                    |  |       |     |     |                |               |
| RNAV5              | 118°   | 298° | 26.9      | FL660<br>FL095     | (+/-) 5 NM   | ↑     | ↓   | C/D | BARCELONA ACC  | (9)           |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W                                |      |           |                    |  |       |     |     |                |               |
| RNAV5              |  | 264° | 36.4      | FL660<br>FL095     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  |               |
| Δ                  | ARGOR<br>393219N 0001755E  |      |           |                    | VALENCIA DVOR/DME (VLC) 083° 36.4 60m              |       |     |     |                |               |
| RNAV5              |  | 264° | 15.0      | FL660<br>FL095     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  | (10)          |
| Δ                  | IXUPA<br>393332N 0003715E  |      |           |                    | CASTELLÓN DVOR/DME (CTN) 147° 46.6 360m            |       |     |     |                |               |
| RNAV5              |  | 264° | 35.3      | FL660<br>FL095     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  |               |
| Δ                  | EPAMA<br>393611N 0012249E  |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>270° 63.3 0m |       |     |     |                |               |
| RNAV5              |  | 264° | 50.7      | FL660<br>FL095     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  |               |
| Δ                  | AKAMU<br>393928N 0022817E  |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>292° 13.9 0m |       |     |     |                |               |
| RNAV5              |  | 265° | 6.5       | FL660<br>FL095     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  |               |
| Δ                  | OLUTO<br>393951N 0023645E  |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>312° 8.6 0m  |       |     |     |                |               |
| RNAV5              |  | 265° | 38.1      | FL660<br>FL095     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  |               |
| Δ                  | CAPDEPERA DVOR/DME (CDP)<br>394152N 0032604E                               |      |           |                    |  |       |     |     |                |               |
| RNAV5              |  | 274° | 57.5      | FL660<br>FL195     | (+/-) 5 NM   | ↑     |     | C/D | BARCELONA ACC  |               |
| ▲                  | SOTAX<br>393506N 0044000E  |      |           |                    | MENORCA DVOR/DME (MHN) 129° 26.7 90m               |       |     |     | Ver AIP France |               |
| (1)                | <b>Tramo FINAM-BARKO</b><br>Requiere aprobación RNAV5 (GNSS).              |      |           |                    |  |       |     |     |                |               |
| (2)                | <b>Tramo BENED-DVOR/DME CJN</b><br>- FL145-FL660: unidireccional IMPAR FL. |      |           |                    |  |       |     |     |                |               |

| Designador de ruta |   |   |           |                                   |                         |       |     |     |            |               |
|--------------------|---|---|-----------|-----------------------------------|-------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV |                         |       |     |     |            |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES                | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓   | ↑ |           |                                   |                         | Impar | Par |     |            |               |
| (3)                | <u>Tramo PRADO-BENED</u><br>- FL145-FL660: unidireccional IMPAR FL.                 |   |           |                                   |                         |       |     |     |            |               |
| (4)                | <u>Tramo CENTA-PRADO</u><br>- FL145-FL660: unidireccional IMPAR FL.                 |   |           |                                   |                         |       |     |     |            |               |
| (5)                | <u>Tramo CATON-CENTA</u><br>- FL145-FL660: unidireccional IMPAR FL.                 |   |           |                                   |                         |       |     |     |            |               |
| (6)                | <u>TRAMO CENTA-ARGOR</u><br>Por debajo de FL245 ver ENR2.1 Unidad ATS TMA VALENCIA. |   |           |                                   |                         |       |     |     |            |               |
| (7)                | <u>Tramo EFUSO-CATON</u><br>- FL145-FL660: unidireccional IMPAR FL. ←←              |   |           |                                   |                         |       |     |     |            |               |
| (8)                | <u>Tramo DVOR/DME CLS-EFUSO</u><br>- FL145-FL660: unidireccional IMPAR FL. ←←       |   |           |                                   |                         |       |     |     |            |               |
| (9)                | <u>Tramo DVOR/DME VLC-DVOR/DME CLS</u><br>-FL145-FL660: unidireccional IMPAR FL.    |   |           |                                   |                         |       |     |     |            |               |
| (10)               | <u>Tramo ARGOR - SOTAX</u><br>Por debajo de FL245 ver ENR 2.1 Unidad ATS TMA PALMA. |   |           |                                   |                         |       |     |     |            |               |

| N741   |                           |      |       |   |             |   |   |   |                    |  |
|--------|---------------------------|------|-------|---|-------------|---|---|---|--------------------|--|
| ▲      | EDUMO<br>225500N 0233600W |      |       |   |             |   |   |   | Ver AIP Cape Verde |  |
| RNP 10 |                           | 219° | 120.0 | $\frac{FL660}{FL195}$                             | (+/-) 10 NM | ↑ | ↑ | C | CANARIAS ACC       |  |
| Δ      | ERONI<br>243818N 0222848W |      |       |   |             |   |   |   |                    |  |
| RNP 10 |                           | 219° | 254.3 | $\frac{FL660}{FL195}$                             | (+/-) 10 NM | ↑ | ↑ | C | CANARIAS ACC       |  |
| ▲      | ROSTA<br>281522N 0200000W |      |       | LA GOMERA DVOR/DME (LGM) 280° 148.1<br>210m       |             |   |   |   |                    |  |
| RNP 10 |                           | 219° | 244.2 | $\frac{FL660}{FL195}$                             | (+/-) 10 NM | ↑ | ↑ | C | CANARIAS ACC       |  |
| ▲      | NELSO<br>314058N 0172725W |      |       | TENERIFE NORTE DVOR/DME (TFN) 346°<br>198.7 1020m |             |   |   |   | Ver AIP Portugal   |  |

| N745  |                           |      |      |  |            |   |   |     |                  |         |
|-------|---------------------------|------|------|--|------------|---|---|-----|------------------|---------|
| ▲     | RIVRO<br>403722N 0064322W |      |      | SALAMANCA VOR/DME (BBI) 248° 62.2 900m |            |   |   |     | Ver AIP Portugal |         |
| RNAV5 | 042°                      | 222° | 29.6 | $\frac{FL245}{FL105}$                  | (+/-) 5 NM | ↑ | ↓ | C/D | MADRID ACC       | (1) (2) |
| ▲     | TOSDI<br>405927N 0061719W |      |      | SALAMANCA VOR/DME (BBI) 268° 37.7 900m |            |   |   |     |                  |         |

| Designador de ruta |  |      |           |                    |                                       |       |     |     |                  |               |
|--------------------|--|------|-----------|--------------------|---------------------------------------|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                  |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |                                       | Impar | Par |     |                  |               |
| RNAV5              | 042°   | 222° | 43.7      | FL660<br>FL105     | (+/-) 5 NM                            | ↑     | ↓   | C/D | MADRID ACC       | (3)           |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W  |      |           |                    |                                       |       |     |     |                  |               |
| (1)                | <b>Tramo RIVRO-TOSDI:</b><br>-FL145-FL245: unidireccional PAR FL.                                      |      |           |                    |                                       |       |     |     |                  |               |
| (2)                | Por encima de FL245 ver ENR 2.2 DELEGACIÓN ATS DE MADRID ACC A LISBOA ACC y AIP PORTUGAL (LISBOA FRA). |      |           |                    |                                       |       |     |     |                  |               |
| (3)                | <b>Tramo TOSDI-DVOR/DME ZMR:</b><br>-FL145-FL660: unidireccional PAR FL.                               |      |           |                    |                                       |       |     |     |                  |               |
| N747               |  |      |           |                    |                                       |       |     |     |                  |               |
| ▲                  | MINTA<br>370744N 0072300W  |      |           |                    | JEREZ DVOR/DME (JRZ) 287° 67.8 90m    |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 077°   | 257° | 9.4       | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      | (1)           |
| Δ                  | OSLEP<br>370956N 0071131W  |      |           |                    | JEREZ DVOR/DME (JRZ) 291° 59.7 90m    |       |     |     |                  |               |
| RNAV5              | 077°   | 257° | 8.0       | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | NAPES<br>371146N 0070149W  |      |           |                    | JEREZ DVOR/DME (JRZ) 296° 53.3 90m    |       |     |     |                  |               |
| RNAV5              | 077°   | 257° | 13.3      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | ONUBA<br>371448N 0064536W  |      |           |                    | JEREZ DVOR/DME (JRZ) 307° 43.7 90m    |       |     |     |                  |               |
| RNAV5              | 077°   | 257° | 11.9      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | PIMUR<br>371729N 0063106W  |      |           |                    | SEVILLA DVOR/DME (SVL) 258° 37.0 120m |       |     |     |                  |               |
| RNAV5              | 077°   | 257° | 37.1      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | SEVILLA DVOR/DME (SVL)<br>372539N 0054544W   |      |           |                    |                                       |       |     |     |                  |               |
| RNAV5              | 066°   | 246° | 26.6      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | AMOTA<br>373620N 0051506W  |      |           |                    | CÓRDOBA DVOR/DME (CDB) 233° 24.0 90m  |       |     |     |                  |               |
| RNAV5              | 067°   | 247° | 23.5      | FL660<br>FL095     | (+/-) 5 NM                            | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | VULPE<br>374540N 0044754W  |      |           |                    | CÓRDOBA DVOR/DME (CDB) 156° 5.7 90m   |       |     |     |                  |               |

| Designador de ruta |  |      |           |                                      |                         |       |     |                |             |               |
|--------------------|--|------|-----------|--------------------------------------|-------------------------|-------|-----|----------------|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV    |                         |       |     |                |             |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                   | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC            | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓  | ↑    |           |                                      |                         | Impar | Par |                |             |               |
| RNAV5              | 067°   | 247° | 14.5      | FL660<br>FL095                       | (+/-) 5 NM              | ↑     | ↓   | C/D            | SEVILLA ACC |               |
| Δ                  | ALCOL<br>375121N 0043108W  |      |           | CÓRDOBA DVOR/DME (CDB) 088° 15.6 90m |                         |       |     |                |             |               |
| RNAV5              | 067°   | 247° | 2.0       | FL660<br>FL095                       | (+/-) 5 NM              | ↑     | ↓   | C/D            | SEVILLA ACC | (2)           |
| Δ                  | KUKAL<br>375207N 0042851W  |      |           | CÓRDOBA DVOR/DME (CDB) 085° 17.5 90m |                         |       |     |                |             |               |
| RNAV5              | 067°   | 247° | 44.0      | FL660<br>FL095                       | (+/-) 5 NM              | ↑     | ↓   | C/D            | SEVILLA ACC |               |
| Δ                  | BAILÉN VOR/DME (BLN)<br>380909N 0033729W   |      |           |                                      |                         |       |     |                |             |               |
| RNAV5              | 078°   | 258° | 61.4      | FL660<br>FL095                       | (+/-) 5 NM              | ↑     | ↓   | C/D            | SEVILLA ACC | (3)           |
| Δ                  | YESTE DVOR/DME (YES)<br>382139N 0022110W   |      |           |                                      |                         |       |     |                |             |               |
| RNAV5              | 089°   |      | 19.6      | FL660<br>FL145                       | (+/-) 5 NM              |       | ↓   | C              | SEVILLA ACC | (4)           |
| Δ                  | TOSTO<br>382151N 0015610W  |      |           | YESTE DVOR/DME (YES) 088° 19.6 1440m |                         |       |     |                |             |               |
| (1)                | <b>Tramo MINTA-NAPES</b><br>Requiere aprobación RNAV5 (DME/DME o GNSS).  |      |           |                                      |                         |       |     |                |             |               |
| (2)                | <b>Tramo ALCOL-KUKAL</b><br>FL095-FL145: navegación convencional.  |      |           |                                      |                         |       |     |                |             |               |
| (3)                | <b>Tramo VOR/DME BLN-DVOR/DME YES</b><br>Sujeto a la actividad de la LED98.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN: BLN N865 VIBAS M985 YES   |      |           |                                      |                         |       |     |                |             |               |
| (4)                | <b>Tramo DVOR/DME YES-TOSTO</b><br>Sujeto a la actividad de la LER63.<br>- FL145-FL345:<br>• CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• Ruta ALTN: YES M985 VLC.<br><br>Sujeto a la actividad de la LED97A.<br>- FL345-FL660:<br>• CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• Ruta ALTN: YES M985 VLC. |      |           |                                      |                         |       |     |                |             |               |
| <b>N850</b>        |  |      |           |                                      |                         |       |     |                |             |               |
| ▲                  | SORAS<br>403308N 0044000E  |      |           | MENORCA DVOR/DME (MHN) 024° 46.2 90m |                         |       |     | Ver AIP France |             |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |               |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                            |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |                         |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |               |               |
| RNAV5              | 240°  |      | 49.5      | FL660<br>FL245  | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | NOMTO<br>401014N 0034231E                               |      |           | MENORCA DVOR/DME (MHN) 306° 29.7 90m                  |                         |       |     |     |               |               |
| RNAV5              | 240°  |      | 9.8       | FL660<br>FL245  | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | NELAS<br>400539N 0033115E                               |      |           | POLLENSA DVOR/DME (POS) 060° 21.2 360m                |                         |       |     |     |               |               |
| RNAV5              | 240°  |      | 21.2      | FL660<br>FL245  | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | POLLENSA DVOR/DME (POS)<br>395539N 0030652E             |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 234°  |      | 28.1      | FL660<br>FL245  | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | OLUTO<br>393951N 0023645E                               |      |           | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>312° 8.6 0m     |                         |       |     |     |               |               |
| RNAV5              | 234°  |      | 12.2      | FL660<br>FL245  | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | ANDRAITX NDB (ADX)<br>393258N 0022345E                  |      |           | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>265° 16,3 0m    |                         |       |     |     |               |               |
| <b>N851</b>        |   |      |           |   |                         |       |     |     |               |               |
| Δ                  | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 060°  | 240° | 31.4      | FL660<br>FL145  | (+/-) 5 NM              | ↑     | ↓   | C   | SEVILLA ACC   | (1)           |
| Δ                  | BRIKE<br>363017N 0052459W                               |      |           | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>060° 31.4 210m |                         |       |     |     |               |               |
| RNAV5              | 070°  | 250° | 53.8      | FL660<br>FL145  | (+/-) 5 NM              | ↑     | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W               |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 063°  | 243° | 39.4      | FL660<br>FL145  | (+/-) 5 NM              | ↑     | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | RIXUR<br>370632N 0033811W                               |      |           | GRANADA DVOR/DME (GDA) 104° 17.5 600m                 |                         |       |     |     |               |               |
| RNAV5              | 063°  | 243° | 19.2      | FL660<br>FL135  | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | UNTOS<br>371502N 0031640W                               |      |           | GRANADA DVOR/DME (GDA) 083° 34.3 600m                 |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición            |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV      |                         |       |     |     |               |               |
| NAV                | TR MAG                                  |      | DIST (NM) | LÍMITES VERTICALES                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓                                       | ↑    |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 063°                                    | 243° | 22.5      | FL660<br>FL135                         | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   | (2)           |
| Δ                  | ROLAS<br>372456N 0025116W               |      |           | ALMERÍA VOR/DME (AMR) 320° 45.1 90m    |                         |       |     |     |               |               |
| RNAV5              | 063°                                    | 243° | 29.0      | FL660<br>FL135                         | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | TOSGA<br>373732N 0021826W               |      |           | YESTE DVOR/DME (YES) 176° 44.2 1440m   |                         |       |     |     |               |               |
| RNAV5              | 064°                                    | 244° | 39.5      | FL660<br>FL105                         | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | RESTU<br>375427N 0013327W               |      |           | MURCIA DVOR/DME (MUR) 286° 21.7 210m   |                         |       |     |     |               |               |
| RNAV5              | 064°                                    | 244° | 51.5      | FL660<br>FL105                         | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC | (3)           |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W |      |           |  |                         |       |     |     |               |               |
| RNAV5              | 067°                                    |      | 14.7      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | SUMMO<br>382137N 0001654W               |      |           | ALTET VOR/DME (ALT) 066° 14.7 60m      |                         |       |     |     |               |               |
| RNAV5              | 066°                                    |      | 13.7      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | MITOS<br>382658N 0000049W               |      |           | ALTET VOR/DME (ALT) 066° 28.4 60m      |                         |       |     |     |               |               |
| RNAV5              | 066°                                    |      | 25.3      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | VALENCIA TACC |               |
| Δ                  | BRUNO<br>383630N 0002900E               |      |           | ALTET VOR/DME (ALT) 066° 53.6 60m      |                         |       |     |     |               |               |
| RNAV5              | 067°                                    |      | 9.7       | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC | (4)           |
| Δ                  | RUXET<br>384008N 0004030E               |      |           | ALTET VOR/DME (ALT) 066° 63.3 60m      |                         |       |     |     |               |               |
| RNAV5              | 067°                                    |      | 40.1      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | PALMA TACC    |               |
| Δ                  | IBIZA NDB (IZA)<br>385456N 0012813E     |      |           | MALLORCA DVOR/DME (MJV) 241° 67.6 150m |                         |       |     |     |               |               |
| RNAV5              | 068°                                    |      | 56.8      | FL660<br>FL095                         | (+/-) 5 NM              |       | ↓   | C/D | PALMA TACC    |               |
| Δ                  | TUKRO<br>391446N 0023638E               |      |           | MALLORCA DVOR/DME (MJV) 209° 13.3 150m |                         |       |     |     |               |               |

| Designador de ruta |  |      |           |  |                         |       |     |     |                |               |
|--------------------|--|------|-----------|--|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV          |                         |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                         | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |  |                         | Impar | Par |     |                |               |
| RNAV5              | 068°   |      | 5.2       | FL660<br>FL095                             | (+/-) 5 NM              |       | ↓   | C/D | PALMA TACC     |               |
| Δ                  | ASMOT<br>391633N 0024256E  |      |           | MALLORCA DVOR/DME (MJV) 190° 9.8 150m      |                         |       |     |     |                |               |
| RNAV5              | 068°   |      | 26.8      | FL660<br>FL095                             | (+/-) 5 NM              |       | ↓   | C/D | PALMA TACC     |               |
| Δ                  | PORTO COLOM NDB (PTC)<br>392538N 0031524E  |      |           | CAPDEPERA DVOR/DME (CDP) 307° 18.2<br>240m |                         |       |     |     |                |               |
| RNAV5              | 057°   |      | 51.6      | FL660<br>FL095                             | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | MENORCA DVOR/DME (MHN)<br>395149N 0041259E   |      |           |  |                         |       |     |     |                |               |
| RNAV5              | 057°   | 237° | 24.0      | FL660<br>FL195                             | (+/-) 5 NM              | ↑     | ↓   | C   | BARCELONA ACC  |               |
| ▲                  | ISTER<br>400353N 0044000E  |      |           | MENORCA DVOR/DME (MHN) 057° 24.0 90m       |                         |       |     |     | Ver AIP France |               |
| (1)                | <b>Tramo DVOR/DME VJF-BRIKE</b><br>Sujeto a la actividad de la LETR4.  |      |           |  |                         |       |     |     |                |               |
| (2)                | <b>Tramo UNTOS-VOR/DME ALT</b><br>Sujeto a la actividad de la LER63.<br>- FL145-FL345:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b><br>- Sentido Este: MGA M985 ASTRO Z224 LASPO .<br>- Sentido Oeste: ARGOR N733 VLC M985 MGA.<br><br>Sujeto a la actividad de la LED97A.<br>- FL345-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b><br>- Sentido Este: MGA M985 ASTRO Z224 LASPO.<br>- Sentido Oeste: ARGOR N733 VLC M985 MGA. |      |           |  |                         |       |     |     |                |               |
| (3)                | <b>Tramo RESTU-MITOS</b><br>FL095-FL145: la responsabilidad es de VALENCIA TACC.   |      |           |  |                         |       |     |     |                |               |
| (4)                | <b>Tramo BRUNO-NDB PTC</b><br>- FL095-FL145: la responsabilidad es de PALMA TACC.  |      |           |  |                         |       |     |     |                |               |
| N852               |  |      |           |  |                         |       |     |     |                |               |
| ▲                  | VATIR<br>421020N 0040656E  |      |           | BAGUR DVOR/DME (BGR) 069° 42.6 330m        |                         |       |     |     | Ver AIP France |               |
| RNAV5              | 206°   |      | 17.0      | FL660<br>FL145                             | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | PIVUS<br>415526N 0035601E  |      |           | BAGUR DVOR/DME (BGR) 090° 32.4 330m        |                         |       |     |     |                |               |

| Designador de ruta |  |   |           |  |                         |       |     |     |               |               |
|--------------------|--|---|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV      |                         |       |     |     |               |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑ |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 187°   |   | 19.4      | FL660<br>FL095                         | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | BODEQ<br>413620N 0035137E  |   |           | BAGUR DVOR/DME (BGR) 123° 35.7 330m    |                         |       |     |     |               |               |
| RNAV5              | 187°   |   | 27.5      | FL660<br>FL095                         | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | VERSO<br>410911N 0034525E  |   |           | BAGUR DVOR/DME (BGR) 150° 53.7 330m    |                         |       |     |     |               |               |
| RNAV5              | 187°   |   | 64.4      | FL660<br>FL145                         | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | NELAS<br>400539N 0033115E  |   |           | POLLENSA DVOR/DME (POS) 060° 21.2 360m |                         |       |     |     |               |               |
| RNAV5              | 187°   |   | 24.1      | FL660<br>FL145                         | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC | (1)           |
| Δ                  | CAPDEPERA DVOR/DME (CDP)<br>394152N 0032604E                                       |   |           |  |                         |       |     |     |               |               |
| RNAV5              | 187°   |   | 40.8      | FL660<br>FL145                         | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | RUFRU<br>390131N 0031745E  |   |           | MALLORCA DVOR/DME (MJV) 134° 35.1 150m |                         |       |     |     |               |               |
| RNAV5              | 187°   |   | 44.4      | FL660<br>FL145                         | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | GENIO<br>381737N 0030852E  |   |           | MALLORCA DVOR/DME (MJV) 163° 70.9 150m |                         |       |     |     |               |               |
| (1)                | <u>Tramo NELAS – RUFRU</u><br>Por debajo de FL245 ver ENR2.1 unidad ATS TMA PALMA. |   |           |  |                         |       |     |     |               |               |

| N853  |                           |      |      |                                      |            |  |   |                |               |
|-------|---------------------------|------|------|--------------------------------------|------------|--|---|----------------|---------------|
| ▲     | LUMAS<br>414400N 004400E  |      |      | BAGUR DVOR/DME (BGR) 098° 66.5 330m  |            |  |   | Ver AIP France |               |
| RNAV5 |                           | 008° | 40.1 | FL660<br>FL095                       | (+/-) 5 NM |  | ↑ | C/D            | BARCELONA ACC |
| Δ     | CHELY<br>410430N 0043018E |      |      | MENORCA DVOR/DME (MHN) 008° 73.9 90m |            |  |   |                |               |
| RNAV5 |                           | 008° | 11.0 | FL660<br>FL095                       | (+/-) 5 NM |  | ↑ | C/D            | BARCELONA ACC |
| Δ     | LAPIT<br>405343N 0042741E |      |      | MENORCA DVOR/DME (MHN) 008° 63.0 90m |            |  |   |                |               |
| RNAV5 |                           | 008° | 24.1 | FL660<br>FL095                       | (+/-) 5 NM |  | ↑ | C/D            | BARCELONA ACC |
| Δ     | MEROS<br>403000N 0042200E |      |      | MENORCA DVOR/DME (MHN) 008° 38.8 90m |            |  |   |                |               |

| Designador de ruta |  |      |           |                    |  |       |     |     |                 |               |  |
|--------------------|--|------|-----------|--------------------|--|-------|-----|-----|-----------------|---------------|--|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV          |       |     |     |                 |               |  |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                    | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |  |
|                    | ↓  | ↑    |           |                    |  | Impar | Par |     |                 |               |  |
| RNAV5              |  | 008° | 38.8      | FL660<br>FL095     | (+/-) 5 NM                                 |       | ↑   | C/D | BARCELONA ACC   | (1)           |  |
| Δ                  | MENORCA DVOR/DME (MHN)<br>395149N 0041259E                                       |      |           |                    |  |       |     |     |                 |               |  |
| RNAV5              |  | 006° | 15.0      | FL660<br>FL095     | (+/-) 5 NM                                 |       | ↑   | C/D | BARCELONA ACC   |               |  |
| Δ                  | ELTAN<br>393658N 0041005E  |      |           |                    | MENORCA DVOR/DME (MHN) 186° 15.0 90m       |       |     |     |                 |               |  |
| RNAV5              |  | 006° | 24.2      | FL660<br>FL095     | (+/-) 5 NM                                 |       | ↑   | C/D | BARCELONA ACC   |               |  |
| Δ                  | MAMOM<br>391303N 0040527E  |      |           |                    | MENORCA DVOR/DME (MHN) 186° 39.2 90m       |       |     |     |                 |               |  |
| RNAV5              |  | 006° | 44.7      | FL660<br>FL095     | (+/-) 5 NM                                 |       | ↑   | C/D | BARCELONA ACC   |               |  |
| ▲                  | PECES<br>382849N 0035659E  |      |           |                    | CAPDEPERA DVOR/DME (CDP) 159° 76.9<br>240m |       |     |     | Ver AIP Algeria |               |  |
| (1)                | <u>Tramo MEROS-ELTAN</u><br>Por debajo de FL245 ver ENR 2.1 Unidad ATSTMA PALMA. |      |           |                    |  |       |     |     |                 |               |  |
| N855               |  |      |           |                    |  |       |     |     |                 |               |  |
| ▲                  | KANIG<br>422849N 0025859E  |      |           |                    | BAGUR DVOR/DME (BGR) 340° 33.5 330m        |       |     |     | Ver AIP France  |               |  |
| RNAV5              | 160°   | 340° | 33.5      | FL660<br>FL095     | (+/-) 5 NM                                 | ↓     | ↑   | C/D | BARCELONA ACC   | (1)           |  |
| Δ                  | BAGUR DVOR/DME (BGR)<br>415652N 0031232E   |      |           |                    |  |       |     |     |                 |               |  |
| RNAV5              | 180°   |      | 16.1      | FL660<br>FL095     | (+/-) 5 NM                                 | ↓     |     | C/D | BARCELONA ACC   |               |  |
| Δ                  | FEVIK<br>414047N 0031146E  |      |           |                    | BAGUR DVOR/DME (BGR) 180° 16.1 330m        |       |     |     |                 |               |  |
| RNAV5              | 180°   |      | 11.1      | FL660<br>FL095     | (+/-) 5 NM                                 | ↓     |     | C/D | BARCELONA ACC   |               |  |
| Δ                  | SALON<br>412940N 0031114E  |      |           |                    | CALELLA DVOR/DME (CLE) 107° 26.3 420m      |       |     |     |                 |               |  |
| RNAV5              | 180°   |      | 17.1      | FL660<br>FL095     | (+/-) 5 NM                                 | ↓     |     | C/D | BARCELONA ACC   |               |  |
| Δ                  | SADEM<br>411237N 0031026E  |      |           |                    | CALELLA DVOR/DME (CLE) 134° 35.4 420m      |       |     |     |                 |               |  |
| RNAV5              | 180°   |      | 20.8      | FL660<br>FL095     | (+/-) 5 NM                                 | ↓     |     | C/D | BARCELONA ACC   |               |  |
| Δ                  | DUNES<br>405150N 0030927E  |      |           |                    | CALELLA DVOR/DME (CLE) 151° 52.2 420m      |       |     |     |                 |               |  |

| Designador de ruta |  |   |           |  |                         |       |     |     |                 |               |
|--------------------|--|---|-----------|--|-------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV          |                         |       |     |     |                 |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES                         | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑ |           |  |                         | Impar | Par |     |                 |               |
| RNAV5              | 180°   |   | 15.3      | FL660<br>FL095                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | SISMO<br>403633N 0030845E  |   |           | POLLENSA DVOR/DME (POS) 360° 40.9 360m     |                         |       |     |     |                 |               |
| RNAV5              | 180°   |   | 6.5       | FL660<br>FL095                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | KENAS<br>403000N 0030827E  |   |           | POLLENSA DVOR/DME (POS) 360° 34.4 360m     |                         |       |     |     |                 |               |
| RNAV5              | 180°   |   | 34.3      | FL660<br>FL095                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   | (2)           |
| Δ                  | POLLENSA DVOR/DME (POS)<br>395539N 0030652E  |   |           |  |                         |       |     |     |                 |               |
| RNAV5              | 177°   |   | 48.6      | FL660<br>FL095                             | (+/-) 5 NM              | ↓     |     | C/D | PALMA TACC      |               |
| Δ                  | TALEN<br>390704N 0030752E  |   |           | MALLORCA DVOR/DME (MJV) 135° 25.8<br>150m  |                         |       |     |     |                 |               |
| RNAV5              | 177°   |   | 8.0       | FL660<br>FL125                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | WITAZ<br>385904N 0030802E  |   |           | MALLORCA DVOR/DME (MJV) 146° 32.2<br>150m  |                         |       |     |     |                 |               |
| RNAV5              | 177°   |   | 23.2      | FL660<br>FL125                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | XESPA<br>383549N 0030830E  |   |           | MALLORCA DVOR/DME (MJV) 158° 53.4<br>150m  |                         |       |     |     |                 |               |
| RNAV5              | 177°   |   | 18.2      | FL660<br>FL125                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | GENIO<br>381737N 0030852E  |   |           | MALLORCA DVOR/DME (MJV) 163° 70.9<br>150m  |                         |       |     |     |                 |               |
| RNAV5              | 177°   |   | 10.8      | FL660<br>FL125                             | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC   |               |
| ▲                  | BUYAH<br>380647N 0030905E  |   |           |  |                         |       |     |     | Ver AIP Algeria |               |
| (1)                | <b>Tramo KANIG - DVOR/DME BGR</b><br>Sujeto a la actividad de la LED134.<br>- FL095-FL185. |   |           |  |                         |       |     |     |                 |               |
| (2)                | <b>Tramo KENAS-WITAZ</b><br>Por debajo de FL245 ver ENR 2.1 unidad ATSTMA PALMA.           |   |           |  |                         |       |     |     |                 |               |
| <b>N856</b>        |  |   |           |  |                         |       |     |     |                 |               |
| ▲                  | SADAF<br>374813N 0021944E  |   |           | MALLORCA DVOR/DME (MJV) 190° 100.0<br>150m |                         |       |     |     | Ver AIP Algeria |               |

| Designador de ruta |                                     |      |           |                                   |  |       |     |     |               |               |
|--------------------|-------------------------------------|------|-----------|-----------------------------------|--|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición        |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV |  |       |     |     |               |               |
| NAV                | TR MAG                              |      | DIST (NM) | LÍMITES VERTICALES                | PRECISIÓN DE NAVEGACIÓN                            | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓                                   | ↑    |           |                                   |  | Impar | Par |     |               |               |
| RNAV5              | 327°                                | 147° | 37.7      | FL660<br>FL095                    | (+/-) 5 NM   | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | SURIB<br>382032N 0015501E           |      |           |                                   |  |       |     |     |               |               |
| RNAV5              | 327°                                | 147° | 14.9      | FL660<br>FL095                    | (+/-) 5 NM   | ↑     | ↓   | C/D | BARCELONA ACC | (1)           |
| Δ                  | INSUB<br>383313N 0014511E           |      |           |                                   | MALLORCA DVOR/DME (MJV) 220° 70.7<br>150m          |       |     |     |               |               |
| RNAV5              | 327°                                | 147° | 18.9      | FL660<br>FL095                    | (+/-) 5 NM   | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | RONDU<br>384924N 0013234E           |      |           |                                   | MALLORCA DVOR/DME (MJV) 235° 67.5<br>150m          |       |     |     |               |               |
| RNAV5              | 327°                                | 147° | 6.5       | FL660<br>FL095                    | (+/-) 5 NM   | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | IBIZA NDB (IZA)<br>385456N 0012813E |      |           |                                   | MALLORCA DVOR/DME (MJV) 241° 67.6<br>150m          |       |     |     |               |               |
| RNAV5              | 352°                                |      | 12.1      | FL660<br>FL095                    | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | OKITI<br>390659N 0012639E           |      |           |                                   | MALLORCA DVOR/DME (MJV) 251° 64.0<br>150m          |       |     |     |               |               |
| RNAV5              | 352°                                |      | 15.4      | FL660<br>FL095                    | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | GODOX<br>392221N 0012439E           |      |           |                                   | MALLORCA DVOR/DME (MJV) 265° 62.6<br>150m          |       |     |     |               |               |
| RNAV5              | 352°                                |      | 13.9      | FL660<br>FL095                    | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | EPAMA<br>393611N 0012249E           |      |           |                                   | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>270° 63.3 0m |       |     |     |               |               |
| RNAV5              | 352°                                |      | 45.3      | FL660<br>FL095                    | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | MARTA<br>402117N 0011648E           |      |           |                                   | REUS DVOR/DME (RES) 172° 47.7 60m                  |       |     |     |               |               |
| RNAV5              | 352°                                |      | 21.3      | FL660<br>FL095                    | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | EBROX<br>404231N 0011354E           |      |           |                                   | REUS DVOR/DME (RES) 171° 26.3 60m                  |       |     |     |               |               |
| RNAV5              | 352°                                |      | 26.6      | FL660<br>FL095                    | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | UMURE<br>410859N 0011016E           |      |           |                                   | REUS DVOR/DME (RES) 047° 0.5 60m                   |       |     |     |               |               |

| Designador de ruta |  |      |           |                           |  |       |     |     |            |               |
|--------------------|--|------|-----------|---------------------------|--|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                           | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |       |     |     |            |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES        | PRECISIÓN DE NAVEGACIÓN                            | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓  | ↑    |           |                           |  | Impar | Par |     |            |               |
| (1)                | Tramo SURIB – NDB IZA<br>- FL095 – FL145: responsabilidad de PALMA TACC. |      |           |                           |  |       |     |     |            |               |
| <b>N857</b>        |  |      |           |                           |  |       |     |     |            |               |
| Δ                  | NETUK<br>431530N 0013656W  |      |           |                           | SAN SEBASTIÁN DVOR/DME (SSN) 108° 9.9<br>240m      |       |     |     |            |               |
| RNAV5              | 186°   |      | 31.7      | FL660<br>FL195            | (+/-) 5 NM   | ↓     |     | C   | MADRID ACC |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W                              |      |           |                           |  |       |     |     |            |               |
| RNAV5              | 205°   | 025° | 20.5      | FL660<br>FL065            | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC |               |
| Δ                  | NOLSA<br>422539N 0015427W  |      |           |                           | LOGROÑO DVOR/DME (LPA) 095° 18.7 360m              |       |     |     |            |               |
| RNAV5              | 205°   | 025° | 5.6       | FL660<br>FL085            | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC |               |
| Δ                  | ALEPO<br>422037N 0015748W  |      |           |                           | LOGROÑO DVOR/DME (LPA) 112° 17.6 360m              |       |     |     |            |               |
| RNAV5              | 205°   | 025° | 4.8       | FL660<br>FL085            | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC | (1)           |
| Δ                  | VASUM<br>421619N 0020040W  |      |           |                           | LOGROÑO DVOR/DME (LPA) 128° 18.0 360m              |       |     |     |            |               |
| RNAV5              | 205°   | 025° | 6.7       | FL660<br>FL085            | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC |               |
| Δ                  | GARVU<br>421016N 0020440W  |      |           |                           | LOGROÑO DVOR/DME (LPA) 147° 20.6 360m              |       |     |     |            |               |
| RNAV5              | 205°   | 025° | 44.6      | FL660<br>FL085            | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC |               |
| Δ                  | BANEV<br>413009N 0023052W  |      |           |                           | BARAHONA DVOR/DME (BAN) 025° 11.9<br>1140m         |       |     |     |            |               |
| RNAV5              | 205°   | 025° | 11.9      | FL660<br>11500 ft<br>AMSL | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC |               |
| Δ                  | BARAHONA DVOR/DME (BAN)<br>411925N 0023747W                              |      |           |                           |  |       |     |     |            |               |
| RNAV5              | 214°   |      | 88.2      | FL660<br>FL145            | (+/-) 5 NM   | ↓     |     | C   | MADRID ACC | (2)           |
| Δ                  | GOTOR<br>400639N 0034328W  |      |           |                           | PERALES DE TAJUÑA DVOR/DME (PDT) 243°<br>19.3 780m |       |     |     |            |               |
| RNAV5              | 214°   |      | 27.3      | FL660<br>FL145            | (+/-) 5 NM   | ↓     |     | C   | MADRID ACC |               |
| Δ                  | KAMPO<br>394400N 0040319W  |      |           |                           | TOLEDO DVOR/DME (TLD) 137° 19.2 600m               |       |     |     |            |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |                 |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                      |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |                         |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |                 |               |
| RNAV5              | 213°  |      | 36.9      | FL660<br>FL145  | (+/-) 5 NM              | ↓     |     | C   | MADRID ACC      |               |
| Δ                  | MONTO<br>391318N 0042949W                         |      |           | TOLEDO DVOR/DME (TLD) 189° 45.5 600m                  |                         |       |     |     |                 |               |
| RNAV5              | 213°  |      | 16.0      | FL660<br>FL145  | (+/-) 5 NM              | ↓     |     | C   | MADRID ACC      |               |
| Δ                  | MOLIN<br>390000N 0044109W                         |      |           | HIJOS DEL DUQUE VOR/DME (HIJ) 033°<br>35.3 570m       |                         |       |     |     |                 |               |
| RNAV5              | 213°  |      | 35.3      | FL660<br>FL145  | (+/-) 5 NM              | ↓     |     | C   | SEVILLA ACC     |               |
| Δ                  | HIJOS DEL DUQUE VOR/DME (HIJ)<br>383029N 0050559W |      |           |   |                         |       |     |     |                 |               |
| RNAV5              | 206°  | 026° | 72.0      | FL660<br>FL095  | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | SEVILLA DVOR/DME (SVL)<br>372539N 0054544W        |      |           |   |                         |       |     |     |                 |               |
| RNAV5              | 220°  |      | 72.0      | FL660<br>FL095  | (+/-) 5 NM              | ↓     |     | C/D | SEVILLA ACC     | (3)           |
| Δ                  | CLANA<br>363032N 0064337W                         |      |           | JEREZ DVOR/DME (JRZ) 242° 38.4 90m                    |                         |       |     |     |                 |               |
| RNAV5              | 220°  |      | 52.5      | FL660<br>FL125  | (+/-) 5 NM              | ↓     |     | C/D | SEVILLA ACC     |               |
| ▲                  | KORNO<br>355000N 0072500W                         |      |           | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>251° 74.1 210m |                         |       |     |     | Ver AIP Morocco |               |
| ▲                  | TERTO<br>300615N 0124302W                         |      |           | LANZAROTE DVOR/DME (LZR) 039° 69.9<br>540m            |                         |       |     |     | Ver AIP Morocco |               |
| RNAV5              | 219°  |      | 69.8      | FL660<br>FL095  | (+/-) 5 NM              | ↓     |     | C/D | CANARIAS ACC    | (4)           |
| Δ                  | LANZAROTE DVOR/DME (LZR)<br>290958N 0133039W      |      |           |   |                         |       |     |     |                 |               |
| RNAV5              | 215°  | 035° | 171.8     | FL660<br>FL145  | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC    | (5)           |
| Δ                  | DEREV<br>264323N 0151240W                         |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 173°<br>67.4 60m      |                         |       |     |     |                 |               |
| RNAV5              | 215°  | 035° | 120.3     | FL660<br>FL145  | (+/-) 5 NM              | ↑     | ↓   | C   | CANARIAS ACC    | (6)           |
| ▲                  | BIPET<br>250000N 0162132W                         |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 200°<br>177.0 60m     |                         |       |     |     |                 |               |

| Designador de ruta |  |      |           |  |                         |       |     |                  |              |               |
|--------------------|--|------|-----------|--|-------------------------|-------|-----|------------------|--------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV          |                         |       |     |                  |              |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                         | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC              | UNIDAD CTL   | OBSERVACIONES |
|                    | ↓  | ↑    |           |  |                         | Impar | Par |                  |              |               |
| RNP 10             | 215°   | 035° | 253.8     | FL660<br>FL145                             | (+/-) 10 NM             | ↑     | ↓   | C                | CANARIAS ACC |               |
| Δ                  | ETIBA<br>212018N 0184044W  |      |           |  |                         |       |     |                  |              |               |
| RNP 10             | 215°   | 035° | 120.0     | FL660<br>FL145                             | (+/-) 10 NM             | ↑     | ↓   | C                | CANARIAS ACC |               |
| ▲                  | GUNET<br>193542N 0194406W  |      |           |  |                         |       |     |                  |              |               |
| (1)                | <u>Tramo ALEPO-VASUM</u><br>- FL085-FL145: navegación convencional.  |      |           |  |                         |       |     |                  |              |               |
| (2)                | <u>Tramo DVOR/DME BAN-VOR/DME HIJ</u><br>Requiere aprobación RNAV5 (GNSS).   |      |           |  |                         |       |     |                  |              |               |
| (3)                | <u>Tramo DVOR/DME SVL-KORNO</u><br>Sujeto a la actividad de las LED122, LED128 y LED129.<br>- FL145-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> SVL N10 VJF L27 KORIS.                     |      |           |  |                         |       |     |                  |              |               |
| (4)                | <u>Tramo TERTO-BIPET</u><br>Requiere aprobación RNAV5 (GNSS).  |      |           |  |                         |       |     |                  |              |               |
| (5)                | <u>Tramo DVOR/DME LZR-DEREV</u><br>Sujeto a la actividad de las GCD79A/C/E/N/T.<br>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- <b>Ruta ALTN:</b><br>• LZR N871 GDV N873 LIMAL.<br>• LZR N871 GDV N873 ODEGI Z27 BIPET. |      |           |  |                         |       |     |                  |              |               |
| (6)                | <u>Tramo DEREV-BIPET</u><br>Sujeto a la actividad de las GCD79B/C/E/N/T.<br>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- <b>Ruta ALTN:</b> LZR N871 GDV N873 LIMAL.   |      |           |  |                         |       |     |                  |              |               |
| <b>N858</b>        |  |      |           |  |                         |       |     |                  |              |               |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W  |      |           |  |                         |       |     |                  |              |               |
| RNAV5              | 037°   |      | 175.1     | FL660<br>FL195                             | (+/-) 5 NM              |       | ↓   | C                | CANARIAS ACC |               |
| ▲                  | VASTO<br>303034N 0133422W  |      |           | LANZAROTE DVOR/DME (LZR) 000° 80.7<br>540m |                         |       |     | Ver AIP Morocco  |              |               |
| ▲                  | PESAS<br>370212N 0072300W  |      |           | JEREZ DVOR/DME (JRZ) 282° 66.5 90m         |                         |       |     | Ver AIP Portugal |              |               |
| RNAV5              | 051°   | 231° | 12.0      | FL660<br>FL195                             | (+/-) 5 NM              | ↑     | ↓   | C                | SEVILLA ACC  |               |
| Δ                  | OSLEP<br>370956N 0071131W  |      |           | JEREZ DVOR/DME (JRZ) 291° 59.7 90m         |                         |       |     |                  |              |               |

| Designador de ruta |   |      |           |                           |   |       |     |     |             |               |
|--------------------|---|------|-----------|---------------------------|---|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                  |      |           |                           | VOR/DME-REF BRG DIST(NM) DME-ELEV             |       |     |     |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES        | PRECISIÓN DE NAVEGACIÓN                       | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |                           |   | Impar | Par |     |             |               |
| RNAV5              | 051°  | 231° | 73.8      | FL660<br>FL195            | (+/-) 5 NM                                    | ↑     | ↓   | C   | SEVILLA ACC | (1)           |
| Δ                  | OXACA<br>375700N 0060000W                     |      |           |                           | SEVILLA DVOR/DME (SVL) 340° 33.3 120m         |       |     |     |             |               |
| RNAV5              | 033°  |      | 46.0      | FL660<br>FL145            | (+/-) 5 NM                                    |       | ↓   | C   | SEVILLA ACC | (2)           |
| Δ                  | DIONY<br>383550N 0052837W                     |      |           |                           | HIJOSA DEL DUQUE VOR/DME (HIJ) 287° 18.5 570m |       |     |     |             |               |
| RNAV5              | 033°  |      | 28.6      | FL660<br>FL145            | (+/-) 5 NM                                    |       | ↓   | C   | SEVILLA ACC |               |
| Δ                  | PARKA<br>390000N 0050900W                     |      |           |                           | HIJOSA DEL DUQUE VOR/DME (HIJ) 355° 29.6 570m |       |     |     |             |               |
| RNAV5              | 033°  |      | 69.3      | FL660<br>FL145            | (+/-) 5 NM                                    |       | ↓   | C   | MADRID ACC  |               |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W     |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 025°  |      | 78.4      | FL660<br>10500 ft<br>AMSL | (+/-) 5 NM                                    |       | ↓   | C/D | MADRID ACC  |               |
| Δ                  | SOMOSIERRA DVOR/DME (SIE)<br>410906N 0033617W |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 022°  |      | 22.9      | FL660<br>11500 ft<br>AMSL | (+/-) 5 NM                                    |       | ↓   | C/D | MADRID ACC  |               |
| Δ                  | EDIGO<br>413016N 0032442W                     |      |           |                           | SOMOSIERRA DVOR/DME (SIE) 022° 22.9 1680m     |       |     |     |             |               |
| RNAV5              | 022°  |      | 61.7      | FL660<br>FL105            | (+/-) 5 NM                                    |       | ↓   | C/D | MADRID ACC  |               |
| Δ                  | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W    |      |           |                           |   |       |     |     |             |               |
| RNAV5              | 029°  |      | 82.2      | FL660<br>FL195            | (+/-) 5 NM                                    |       | ↓   | C   | MADRID ACC  |               |

| Designador de ruta |  |   |           |                       |  |       |     |     |                |               |
|--------------------|--|---|-----------|-----------------------|--|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           |                       | VOR/DME-REF BRG DIST(NM) DME-ELEV              |       |     |     |                |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES    | PRECISIÓN DE NAVEGACIÓN                        | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑ |           |                       |  | Impar | Par |     |                |               |
| ▲                  | ABRIX<br>433847N 0015745W  |   |           |                       | SAN SEBASTIÁN DVOR/DME (SSN) 343° 20.9<br>240m |       |     |     | Ver AIP France |               |
| (1)                | <p><b>Tramo OSLEP-OXACA</b><br/>Sujeto a la actividad de la LED123.<br/>- FL195-FL245:</p> <ul style="list-style-type: none"> <li>• <b>CDR1:</b> MON-H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).</li> <li>• <b>Ruta ALTN:</b> OSLEP N747 SVL N10 HIJ Z230 TLD.</li> </ul> <p>Sujeto a la actividad de la LER86B.<br/>- FL195-FL245:</p> <ul style="list-style-type: none"> <li>• <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).</li> <li>• <b>PERM:</b> Resto de tiempo, disponible.</li> <li>• <b>Ruta ALTN:</b> OSLEP N747 SVL N10 HIJ Z230 TLD.</li> </ul> |   |           |                       |  |       |     |     |                |               |
| (2)                | <p><b>Tramo OXACA-DVOR/DME TLD</b><br/>Sujeto a la actividad de las LED125 y LER86B.<br/>- FL145-FL245:</p> <ul style="list-style-type: none"> <li>• <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).</li> <li>• <b>PERM:</b> Resto del tiempo, disponible.</li> <li>• <b>Ruta ALTN:</b> HIJ Z230 TLD.</li> </ul>   |   |           |                       |  |       |     |     |                |               |
| <b>N859</b>        |  |   |           |                       |  |       |     |     |                |               |
| ▲                  | PUMAL<br>422201N 0020030E  |   |           |                       | GERONA DVOR/DME (GIR) 306° 42.9 150m           |       |     |     | Ver AIP France |               |
| RNAV5              | 174°   |   | 40.9      | $\frac{FL660}{FL145}$ | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC  |               |
| Δ                  | XEPLA<br>414114N 0020421E  |   |           |                       | SABADELL DVOR/DME (SLL) 349° 10.2 150m         |       |     |     |                |               |
| RNAV5              | 174°   |   | 22.8      | $\frac{FL660}{FL145}$ | (+/-) 5 NM                                     | ↓     |     | C   | BARCELONA ACC  |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E   |   |           |                       |  |       |     |     |                |               |
| RNAV5              | 163°   |   | 31.3      | $\frac{FL660}{FL095}$ | (+/-) 5 NM                                     | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | GARBI<br>404811N 0021712E  |   |           |                       | EL PRAT DVOR/DME (PRA) 160° 30.3 0m            |       |     |     |                |               |
| RNAV5              | 163°   |   | 10.9      | $\frac{FL660}{FL095}$ | (+/-) 5 NM                                     | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | LARPA<br>403736N 0022055E  |   |           |                       | EL PRAT DVOR/DME (PRA) 161° 41.2 0m            |       |     |     |                |               |
| RNAV5              | 163°   |   | 7.9       | $\frac{FL660}{FL095}$ | (+/-) 5 NM                                     | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | TOLSO<br>403000N 0022334E  |   |           |                       | POLLENSA DVOR/DME (POS) 314° 47.7 360m         |       |     |     |                |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV         |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                   | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                 |               |
| RNAV5              | 163°  |      | 18.5      | FL660<br>FL095     | (+/-) 5 NM                                | ↓     |     | C/D | BARCELONA ACC   | (1)           |
| Δ                  | LISAS<br>401208N 0022947E   |      |           |                    | POLLENSA DVOR/DME (POS) 298° 32.9 360m    |       |     |     |                 |               |
| RNAV5              | 163°  |      | 47.6      | FL660<br>FL095     | (+/-) 5 NM                                | ↓     |     | C/D | BARCELONA ACC   |               |
| Δ                  | MALLORCA DVOR/DME (MJV)<br>392607N 0024530E                               |      |           |                    |   |       |     |     |                 |               |
| RNAV5              | 163°  | 343° | 25.5      | FL660<br>FL095     | (+/-) 5 NM                                | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| Δ                  | OSGAL<br>390129N 0025359E   |      |           |                    | MALLORCA DVOR/DME (MJV) 163° 25.5<br>150m |       |     |     |                 |               |
| RNAV5              | 163°  | 343° | 5.7       | FL660<br>FL095     | (+/-) 5 NM                                | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| Δ                  | XILPA<br>385559N 0025553E   |      |           |                    | MALLORCA DVOR/DME (MJV) 165° 31.2<br>150m |       |     |     |                 |               |
| RNAV5              | 163°  | 343° | 39.7      | FL660<br>FL095     | (+/-) 5 NM                                | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| Δ                  | GENIO<br>381737N 0030852E   |      |           |                    | MALLORCA DVOR/DME (MJV) 163° 70.9<br>150m |       |     |     |                 |               |
| RNAV5              | 163°  | 343° | 10.0      | FL660<br>FL095     | (+/-) 5 NM                                | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| ▲                  | MOGIL<br>380755N 0031207E   |      |           |                    | MALLORCA DVOR/DME (MJV) 163° 81.0<br>150m |       |     |     | Ver AIP Algeria |               |
| (1)                | Tramo TOLSO-XILPA<br>Por debajo de FL245 ver ENR2.1 unidad ATS TMA PALMA. |      |           |                    |   |       |     |     |                 |               |

| N860  |                           |      |      |                |                                      |   |   |     |                |  |
|-------|---------------------------|------|------|----------------|--------------------------------------|---|---|-----|----------------|--|
| ▲     | ANETO<br>424135N 0003330E |      |      |                | HUESCA DVOR/DME (HUE) 045° 53.8 540m |   |   |     | Ver AIP France |  |
| RNAV5 | 189°                      | 009° | 19.9 | FL660<br>FL145 | (+/-) 5 NM                           | ↓ | ↑ | C   | BARCELONA ACC  |  |
| Δ     | TURUV<br>422203N 0002830E |      |      |                | HUESCA DVOR/DME (HUE) 062° 39.5 540m |   |   |     |                |  |
| RNAV5 | 189°                      | 009° | 23.7 | FL660<br>FL125 | (+/-) 5 NM                           | ↓ | ↑ | C/D | BARCELONA ACC  |  |
| Δ     | GRAUS<br>415845N 0002235E |      |      |                | HUESCA DVOR/DME (HUE) 099° 31.5 540m |   |   |     |                |  |
| RNAV5 | 189°                      |      | 14.1 | FL660<br>FL095 | (+/-) 5 NM                           | ↓ |   | C/D | BARCELONA ACC  |  |
| Δ     | LOBAR<br>414453N 0001906E |      |      |                | HUESCA DVOR/DME (HUE) 123° 34.5 540m |   |   |     |                |  |

| Designador de ruta |   |      |           |   |                         |       |     |     |               |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV       |                         |       |     |     |               |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES                      | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |               |               |
| RNAV5              | 189°  |      | 24.5      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | SEROX<br>412048N 0001307E                   |      |           | MAELLA DVOR/DME (MLA) 009° 13.2 360m    |                         |       |     |     |               |               |
| RNAV5              | 189°  |      | 4.8       | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC | (1)           |
| Δ                  | CASPE<br>411606N 0001158E                   |      |           | MAELLA DVOR/DME (MLA) 009° 8.5 360m     |                         |       |     |     |               |               |
| RNAV5              | 189°  |      | 8.5       | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | MAELLA DVOR/DME (MLA)<br>410747N 0000955E   |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 196°  |      | 16.1      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | CRETA<br>405220N 0000342E                   |      |           | MAELLA DVOR/DME (MLA) 196° 16.2 360m    |                         |       |     |     |               |               |
| RNAV5              | 195°  |      | 19.7      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | RIMES<br>403329N 0000350W                   |      |           | CASTELLÓN DVOR/DME (CTN) 340° 21.5 360m |                         |       |     |     |               |               |
| RNAV5              | 195°  |      | 18.9      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC | (2)           |
| Δ                  | SAURA<br>401522N 0001100W                   |      |           | CASTELLÓN DVOR/DME (CTN) 279° 12.7 360m |                         |       |     |     |               |               |
| RNAV5              | 195°  |      | 16.0      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | TATOS<br>400000N 0001701W                   |      |           | CASTELLÓN DVOR/DME (CTN) 231° 21.6 360m |                         |       |     |     |               |               |
| RNAV5              | 195°  |      | 6.9       | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | PLANA<br>395326N 0001935W                   |      |           | VALENCIA DVOR/DME (VLC) 015° 25.4 60m   |                         |       |     |     |               |               |
| RNAV5              | 195°  |      | 25.3      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 207°  | 027° | 28.4      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | BEGOX<br>390409N 0004619W                   |      |           | VALENCIA DVOR/DME (VLC) 207° 28.4 60m   |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |                    |                                       |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|---------------------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |                                       | Impar | Par |     |                 |               |
| RNAV5              | 207°  | 027° | 22.5      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | BARCELONA ACC   |               |
| Δ                  | NARGO<br>384418N 0005955W   |      |           |                    | ALICANTE DVOR/DME (ATE) 323° 33.3 60m |       |     |     |                 |               |
| RNAV5              | 207°  | 027° | 56.4      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | BARCELONA ACC   | (3)           |
| Δ                  | RESTU<br>375427N 0013327W   |      |           |                    | MURCIA DVOR/DME (MUR) 286° 21.7 210m  |       |     |     |                 |               |
| RNAV5              | 206°  | 026° | 44.6      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | DOSEK<br>371443N 0015906W   |      |           |                    | ALMERÍA VOR/DME (AMR) 027° 28.0 90m   |       |     |     |                 |               |
| RNAV5              | 207°  | 027° | 28.0      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W   |      |           |                    |                                       |       |     |     |                 |               |
| RNAV5              | 218°  | 038° | 28.0      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC     | (4)           |
| Δ                  | VADAT<br>362810N 0023725W   |      |           |                    | ALMERÍA VOR/DME (AMR) 218° 28.0 90m   |       |     |     |                 |               |
| RNAV5              | 217°  | 037° | 20.1      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| Δ                  | GONZA<br>361217N 0025237W   |      |           |                    | ALMERÍA VOR/DME (AMR) 217° 48.1 90m   |       |     |     |                 |               |
| RNAV5              | 217°  | 037° | 28.3      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | SEVILLA ACC     |               |
| ▲                  | BERUM<br>355000N 0031409W   |      |           |                    | MELILLA DVOR/DME (MEL) 337° 35.9 60m  |       |     |     | Ver AIP Morocco |               |
| (1)                | <u>Tramo SEROX-CASPE</u><br>FL095-FL145: navegación convencional.                   |      |           |                    |                                       |       |     |     |                 |               |
| (2)                | <u>Tramo RIMES-RESTU</u><br>Por debajo de FL245 ver ENR2.1 Unidad ATS TMA VALENCIA. |      |           |                    |                                       |       |     |     |                 |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |                 |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |       |     |     |                 |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                            | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |                 |               |
| (3)                | <p><b>Tramo NARGO-VOR/DME AMR</b><br/>Sujeto a la actividad de la LER63.<br/>- FL095-FL345:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> ASTRO M985 VIBAS N865 AMR.</p> <p>Sujeto a la actividad de la LED97A.<br/>- FL345-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> ASTRO M985 VIBAS N865 AMR.</p> |      |           |                    |  |       |     |     |                 |               |
| (4)                | <p><b>Tramo VOR/DME AMR -BERUM</b><br/>Sujeto a la actividad de la LED169.<br/>- FL155-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> AMR L112 MGA N869 GALTO.<br/>AMR M192 TARIK.</p>   |      |           |                    |  |       |     |     |                 |               |
| <b>N861</b>        |   |      |           |                    |  |       |     |     |                 |               |
| ▲                  | SADAF<br>374813N 0021944E   |      |           |                    | MALLORCA DVOR/DME (MJV) 190° 100.0<br>150m         |       |     |     | Ver AIP Algeria |               |
| RNAV5              | 010°  | 190° | 44.5      | FL660<br>FL145     | (+/-) 5 NM   | ↑     | ↓   | C   | BARCELONA ACC   | (1)           |
| Δ                  | OLMIR<br>383152N 0023105E   |      |           |                    | MALLORCA DVOR/DME (MJV) 190° 55.4<br>150m          |       |     |     |                 |               |
| RNAV5              | 010°  | 190° | 45.6      | FL660<br>FL145     | (+/-) 5 NM   | ↑     | ↓   | C   | BARCELONA ACC   |               |
| Δ                  | ASMOT<br>391633N 0024256E   |      |           |                    | MALLORCA DVOR/DME (MJV) 190° 9.8 150m              |       |     |     |                 |               |
| RNAV5              | 010°  | 190° | 9.8       | FL660<br>FL145     | (+/-) 5 NM   | ↑     | ↓   | C   | BARCELONA ACC   |               |
| Δ                  | MALLORCA DVOR/DME (MJV)<br>392607N 0024530E   |      |           |                    |  |       |     |     |                 |               |
| RNAV5              | 290°  |      | 18.2      | FL660<br>FL095     | (+/-) 5 NM   |       | ↓   | C/D | BARCELONA ACC   |               |
| Δ                  | ANDRAITX NDB (ADX)<br>393258N 0022345E  |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>265° 16,3 0m |       |     |     |                 |               |
| RNAV5              | 328°  |      | 41.9      | FL660<br>FL145     | (+/-) 5 NM   |       | ↓   | C   | BARCELONA ACC   |               |
| Δ                  | GALAT<br>400916N 0015627E   |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>312° 51.3 0m |       |     |     |                 |               |
| RNAV5              | 348°  |      | 54.6      | FL660<br>FL145     | (+/-) 5 NM   |       | ↓   | C   | BARCELONA ACC   |               |
| Δ                  | RODRA<br>410305N 0014349E   |      |           |                    | VILAFRANCA DVOR/DME (VLA) 153° 19.3<br>660m        |       |     |     |                 |               |

| Designador de ruta |   |   |           |   |                         |       |     |     |                |               |
|--------------------|---|---|-----------|---|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |                |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓   | ↑ |           |   |                         | Impar | Par |     |                |               |
| RNAV5              | 352°  |   | 9.6       | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | VILLANUEVA NDB (VNV)<br>411238N 0014221E                            |   |           | VILAFRANCA DVOR/DME (VLA) 136° 10.7<br>660m |                         |       |     |     |                |               |
| RNAV5              | 352°  |   | 3.0       | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | ANTON<br>411535N 0014154E   |   |           | VILAFRANCA DVOR/DME (VLA) 124° 8.4<br>660m  |                         |       |     |     |                |               |
| RNAV5              | 351°  |   | 3.5       | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | BISES<br>411907N 0014121E   |   |           | VILAFRANCA DVOR/DME (VLA) 101° 6.5<br>660m  |                         |       |     |     |                |               |
| RNAV5              | 352°  |   | 6.0       | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | SADUR<br>412502N 0014026E   |   |           | VILAFRANCA DVOR/DME (VLA) 050° 7.2<br>660m  |                         |       |     |     |                |               |
| RNAV5              | 351°  |   | 4.0       | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | CAVES<br>412900N 0013949E   |   |           | VILAFRANCA DVOR/DME (VLA) 030° 9.9<br>660m  |                         |       |     |     |                |               |
| RNAV5              | 352°  |   | 17.4      | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | LATRO<br>414618N 0013706E   |   |           | VILAFRANCA DVOR/DME (VLA) 005° 26.0<br>660m |                         |       |     |     |                |               |
| RNAV5              | 351°  |   | 40.1      | FL660<br>FL195                              | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| ▲                  | OLOXO<br>422607N 0013046E   |   |           | SABADELL DVOR/DME (SLL) 332° 61.1 150m      |                         |       |     |     | Ver AIP France |               |
| (1)                | <u>Tramo SADF-DVOR/DME MJV</u><br>Requiere aprobación RNAV5 (GNSS). |   |           |   |                         |       |     |     |                |               |
| <b>N862</b>        |   |   |           |   |                         |       |     |     |                |               |
| ▲                  | PERDU<br>424355N 0000904E   |   |           | HUESCA DVOR/DME (HUE) 026° 44.7 540m        |                         |       |     |     | Ver AIP France |               |
| RNAV5              | 178°  |   | 40.2      | FL660<br>FL215                              | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC  | (2)           |
| Δ                  | POSSY<br>420341N 0000926E   |   |           | HUESCA DVOR/DME (HUE) 090° 21.2 540m        |                         |       |     |     |                |               |
| RNAV5              | 178°  |   | 16.5      | FL660<br>FL145                              | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC  |               |
| Δ                  | DIRMU<br>414708N 0000934E   |   |           | HUESCA DVOR/DME (HUE) 127° 27.5 540m        |                         |       |     |     |                |               |

| Designador de ruta |   |      |           |   |                         |       |     |                |               |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|----------------|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV         |                         |       |     |                |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                        | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC            | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |                |               |               |
| RNAV5              | 178°  |      | 39.3      | FL660<br>FL195                            | (+/-) 5 NM              | ↓     |     | C              | BARCELONA ACC |               |
| Δ                  | MAELLA DVOR/DME (MLA)<br>410747N 0000955E   |      |           |   |                         |       |     |                |               |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).   |      |           |   |                         |       |     |                |               |               |
| (2)                | <p><b>Tramo PERDU-DVOR/DME MLA</b><br/>Sujeto a la actividad de la LED47B.<br/>- FL365-FL660:</p> <ul style="list-style-type: none"> <li>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).</li> <li>• <b>Ruta ALTN:</b> RFL &lt; 365.</li> </ul> |      |           |   |                         |       |     |                |               |               |
| N863               |   |      |           |   |                         |       |     |                |               |               |
| ▲                  | GIROM<br>424630N 0005950E   |      |           | HUESCA DVOR/DME (HUE) 052° 71.9 540m      |                         |       |     | Ver AIP France |               |               |
| RNAV5              |   | 354° | 20.4      | FL660<br>FL135                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | MOPAS<br>422607N 0010204E   |      |           | HUESCA DVOR/DME (HUE) 068° 63.9 540m      |                         |       |     |                |               |               |
| RNAV5              |   | 354° | 17.5      | FL660<br>FL115                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | USKAR<br>420837N 0010357E   |      |           | VILLAFRANCA DVOR/DME (VLA) 334° 52.7 660m |                         |       |     |                |               |               |
| RNAV5              |   | 354° | 26.8      | FL660<br>FL115                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | REBUL<br>414152N 0010649E   |      |           | VILLAFRANCA DVOR/DME (VLA) 316° 28.9 660m |                         |       |     |                |               |               |
| RNAV5              |   | 354° | 9.3       | FL660<br>FL115                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | ARBEK<br>413238N 0010747E   |      |           | VILLAFRANCA DVOR/DME (VLA) 301° 22.4 660m |                         |       |     |                |               |               |
| RNAV5              |   | 354° | 12.8      | FL660<br>FL095                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | KARES<br>411952N 0010908E   |      |           | REUS DVOR/DME (RES) 356° 11.3 60m         |                         |       |     |                |               |               |
| RNAV5              |   | 354° | 8.1       | FL660<br>FL095                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | XIKEN<br>411146N 0010959E   |      |           | REUS DVOR/DME (RES) 002° 3.2 60m          |                         |       |     |                |               |               |
| RNAV5              |   | 354° | 2.8       | FL660<br>FL095                            | (+/-) 5 NM              |       | ↑   | C/D            | BARCELONA ACC |               |
| Δ                  | UMURE<br>410859N 0011016E   |      |           | REUS DVOR/DME (RES) 047° 0.5 60m          |                         |       |     |                |               |               |

| Designador de ruta |  |      |           |                    |  |       |     |     |                |               |
|--------------------|--|------|-----------|--------------------|--|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                           |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                    |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                              | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |  | Impar | Par |     |                |               |
| RNAV5              |  | 336° | 34.1      | FL660<br>FL095     | (+/-) 5 NM   |       | ↑   | C/D | BARCELONA ACC  |               |
| Δ                  | PAPOS<br>403716N 0012657E                              |      |           |                    | REUS DVOR/DME (RES) 156° 34.0 60m                    |       |     |     |                |               |
| RNAV5              |  | 337° | 39.5      | FL660<br>FL095     | (+/-) 5 NM   |       | ↑   | C/D | BARCELONA ACC  |               |
| Δ                  | DRAGO<br>400028N 0014556E                              |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>299° 52.5 0m   |       |     |     |                |               |
| RNAV5              |  | 311° | 40.1      | FL660<br>FL095     | (+/-) 5 NM   |       | ↑   | C/D | BARCELONA ACC  |               |
| Δ                  | ANDRAITX NDB (ADX)<br>393258N 0022345E                 |      |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>265° 16,3 0m   |       |     |     |                |               |
| <b>N864</b>        |  |      |           |                    |  |       |     |     |                |               |
| ▲                  | DELOG<br>441944N 0035915W                              |      |           |                    | SANTANDER DVOR/DME (SNR) 356° 52.9<br>60m            |       |     |     | Ver AIP France |               |
| RNAV5              | 176°   | 356° | 33.8      | FL660<br>FL075     | (+/-) 5 NM   | ↓     | ↑   | C/D | MADRID ACC     |               |
| Δ                  | VADOX<br>434600N 0035558W                              |      |           |                    | SANTANDER DVOR/DME (SNR) 356° 19.1<br>60m            |       |     |     |                |               |
| RNAV5              | 176°   |      | 19.0      | FL660<br>FL075     | (+/-) 5 NM   | ↓     |     | C/D | MADRID ACC     |               |
| Δ                  | SANTANDER DVOR/DME (SNR)<br>432659N 0035409W           |      |           |                    |  |       |     |     |                |               |
| RNAV5              | 186°   |      | 29.7      | FL660<br>FL095     | (+/-) 5 NM   | ↓     |     | C/D | MADRID ACC     |               |
| Δ                  | TITAN<br>425728N 0035830W                              |      |           |                    | SANTANDER DVOR/DME (SNR) 186° 29.7<br>60m            |       |     |     |                |               |
| RNAV5              | 186°   |      | 23.1      | FL660<br>FL095     | (+/-) 5 NM   | ↓     |     | C/D | MADRID ACC     |               |
| Δ                  | RATAS<br>423428N 0040151W                              |      |           |                    | BURGOS VOR/DME (BUR) 305° 22.7 900m                  |       |     |     |                |               |
| RNAV5              | 186°   |      | 33.0      | FL660<br>FL095     | (+/-) 5 NM   | ↓     |     | C/D | MADRID ACC     |               |
| Δ                  | TABANERA DEL CERRATO VOR/DME (NEA)<br>420139N 0040633W |      |           |                    |  |       |     |     |                |               |
| RNAV5              | 185°   |      | 31.7      | FL660<br>FL095     | (+/-) 5 NM   | ↓     |     | C/D | MADRID ACC     |               |
| Δ                  | NONTU<br>413001N 0041008W                              |      |           |                    | TABANERA DEL CERRATO VOR/DME (NEA)<br>185° 31.8 900m |       |     |     |                |               |
| RNAV5              | 184°   |      | 14.1      | FL660              |  |       |     |     |                |               |

| Designador de ruta |   |   |           |                           |   |       |     |     |             |               |
|--------------------|---|---|-----------|---------------------------|---|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición              |   |           |                           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |             |               |
| NAV                | TR MAG                                    |   | DIST (NM) | LÍMITES VERTICALES        | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑ |           |                           |   | Impar | Par |     |             |               |
|                    |   |   |           | 11500 ft AMSL             | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | ORBIS<br>411557N 0041143W                 |   |           |                           | SOMOSIERRA DVOR/DME (SIE) 284° 27.5<br>1680m          |       |     |     |             |               |
| RNAV5              | 184°                                      |   | 15.1      | FL660<br>11500 ft<br>AMSL | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | DISKO<br>410055N 0041324W                 |   |           |                           | SOMOSIERRA DVOR/DME (SIE) 253° 29.2<br>1680m          |       |     |     |             |               |
| RNAV5              | 184°                                      |   | 62.9      | FL660<br>11500 ft<br>AMSL | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W |   |           |                           |   |       |     |     |             |               |
| RNAV5              | 189°                                      |   | 13.0      | FL660<br>10500 ft<br>AMSL | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | DOPEN<br>394519N 0042301W                 |   |           |                           | TOLEDO DVOR/DME (TLD) 189° 13.0 600m                  |       |     |     |             |               |
| RNAV5              | 189°                                      |   | 32.4      | FL660<br>FL125            | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | MONTO<br>391318N 0042949W                 |   |           |                           | TOLEDO DVOR/DME (TLD) 189° 45.5 600m                  |       |     |     |             |               |
| RNAV5              | 189°                                      |   | 17.2      | FL660<br>FL105            | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | CRISA<br>385619N 0043323W                 |   |           |                           | HIHOJOSA DEL DUQUE VOR/DME (HIJ) 044°<br>36.3 570m    |       |     |     |             |               |
| RNAV5              | 189°                                      |   | 38.2      | FL660<br>FL095            | (+/-) 5 NM  | ↓     |     | C/D | SEVILLA ACC | (1)           |
| Δ                  | MOCEQ<br>381834N 0044112W                 |   |           |                           | HIHOJOSA DEL DUQUE VOR/DME (HIJ) 121°<br>22.8 570m    |       |     |     |             |               |
| RNAV5              | 189°                                      |   | 33.3      | FL660<br>FL095            | (+/-) 5 NM  | ↓     |     | C/D | SEVILLA ACC |               |
| Δ                  | VULPE<br>374540N 0044754W                 |   |           |                           | CÓRDOBA DVOR/DME (CDB) 156° 5.7 90m                   |       |     |     |             |               |
| RNAV5              | 189°                                      |   | 42.8      | FL660<br>FL095            | (+/-) 5 NM  | ↓     |     | C/D | SEVILLA ACC |               |
| Δ                  | MARTÍN DVOR/DME (MAR)<br>370319N 0045624W |   |           |                           |   |       |     |     |             |               |
| RNAV5              | 177°                                      |   | 34.3      | FL660<br>FL100            | (+/-) 5 NM  | ↓     |     | C/D | SEVILLA ACC |               |
| Δ                  | OGROH<br>362900N 0045438W                 |   |           |                           | MÁLAGA AEROPUERTO SUR DVOR/DME<br>(MLG) 239° 22.7 30m |       |     |     |             |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |             |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |             |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |             |               |
| RNAV5              | 177°  |      | 20.0      | FL660<br>FL085     | (+/-) 5 NM  | ↓     |     | C/D | SEVILLA ACC |               |
| Δ                  | PIMOS<br>360901N 0045336W   |      |           |                    | MÁLAGA AEROPUERTO SUR DVOR/DME<br>(MLG) 210° 36.8 30m |       |     |     |             |               |
| (1)                | <p><b>Tramo CRISA-VULPE</b><br/>                     Sujeto a la actividad de la LED1.<br/>                     - FL145-FL185:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> CRISA N10 SVL M744 MAR.</p> |      |           |                    |   |       |     |     |             |               |
| N865               |   |      |           |                    |   |       |     |     |             |               |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W   |      |           |                    |   |       |     |     |             |               |
| RNAV5              | 297°  | 117° | 28.0      | FL660<br>FL105     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC | (1)           |
| Δ                  | ESILA<br>370305N 0024627W   |      |           |                    | ALMERÍA VOR/DME (AMR) 297° 28.0 90m                   |       |     |     |             |               |
| RNAV5              | 296°  | 116° | 26.9      | FL660<br>FL135     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC | (2)           |
| Δ                  | UNTOS<br>371502N 0031640W   |      |           |                    | GRANADA DVOR/DME (GDA) 083° 34.3 600m                 |       |     |     |             |               |
| RNAV5              | 296°  | 116° | 18.9      | FL660<br>FL135     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | VIBAS<br>372332N 0033751W   |      |           |                    | GRANADA DVOR/DME (GDA) 054° 21.3 600m                 |       |     |     |             |               |
| RNAV5              | 360°  | 180° | 15.6      | FL660<br>FL135     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | TINEK<br>373907N 0033744W   |      |           |                    | BAILÉN VOR/DME (BLN) 180° 30.1 540m                   |       |     |     |             |               |
| RNAV5              | 360°  | 180° | 30.0      | FL660<br>FL135     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | BAILÉN VOR/DME (BLN)<br>380909N 0033729W  |      |           |                    |   |       |     |     |             |               |
| RNAV5              | 004°  | 184° | 50.9      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | MORAL<br>390000N 0033232W   |      |           |                    | VILLATOBAS DVOR/DME (VTB) 184° 47.0 720m              |       |     |     |             |               |
| RNAV5              | 004°  | 184° | 34.5      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | MADRID ACC  |               |
| Δ                  | BEXID<br>393428N 0032905W   |      |           |                    | VILLATOBAS DVOR/DME (VTB) 184° 12.4 720m              |       |     |     |             |               |
| RNAV5              | 004°  | 184° | 12.4      | FL660              |   |       |     |     |             |               |

| Designador de ruta |   |   |           |                       |  |       |     |     |                 |               |
|--------------------|---|---|-----------|-----------------------|--|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |   |           |                       | VOR/DME-REF BRG DIST(NM) DME-ELEV            |       |     |     |                 |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES    | PRECISIÓN DE NAVEGACIÓN                      | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑ |           |                       |  | Impar | Par |     |                 |               |
|                    |   |   |           | 10500 ft AMSL         | (+/-) 5 NM                                   | ↑     | ↓   | C/D | MADRID ACC      |               |
| Δ                  | VILLATOBAS DVOR/DME (VTB)<br>394651N 0032750W   |   |           |                       |  |       |     |     |                 |               |
| RNAV5              | 355°  |   | 82.5      | FL660<br>FL145        | (+/-) 5 NM                                   |       | ↓   | C   | MADRID ACC      |               |
| Δ                  | SOMOSIERRA DVOR/DME (SIE)<br>410906N 0033617W   |   |           |                       |  |       |     |     |                 |               |
| RNAV5              | 358°  |   | 21.1      | FL660<br>9500 ft AMSL | (+/-) 5 NM                                   |       | ↓   | C/D | MADRID ACC      |               |
| Δ                  | XERMA<br>413013N 0033649W   |   |           |                       | SOMOSIERRA DVOR/DME (SIE) 358° 21.1<br>1680m |       |     |     |                 |               |
| RNAV5              | 360°  |   | 31.1      | FL660<br>FL095        | (+/-) 5 NM                                   |       | ↓   | C/D | MADRID ACC      |               |
| Δ                  | ARLUN<br>420118N 0033649W   |   |           |                       | BURGOS VOR/DME (BUR) 180° 20.0 900m          |       |     |     |                 |               |
| RNAV5              | 357°  |   | 20.2      | FL660<br>FL095        | (+/-) 5 NM                                   |       | ↓   | C/D | MADRID ACC      |               |
| Δ                  | BUGIX<br>422129N 0033807W   |   |           |                       | BURGOS VOR/DME (BUR) 280° 1.0 900m           |       |     |     |                 |               |
| RNAV5              | 351°  |   | 19.7      | FL660<br>FL095        | (+/-) 5 NM                                   |       | ↓   | C/D | MADRID ACC      |               |
| Δ                  | UNGAS<br>424056N 0034159W   |   |           |                       | BURGOS VOR/DME (BUR) 348° 20.0 900m          |       |     |     |                 |               |
| RNAV5              | 352°  |   | 99.6      | FL660<br>FL145        | (+/-) 5 NM                                   |       | ↓   | C   | MADRID ACC      | (3)           |
| ▲                  | DELOG<br>441944N 0035915W   |   |           |                       | SANTANDER DVOR/DME (SNR) 356° 52.9 60m       |       |     |     | Ver AIP France  |               |
| (1)                | <b>Tramo VOR/DME AMR-ESILA</b><br>Requiere aprobación RNAV5 (GNSS).   |   |           |                       |  |       |     |     |                 |               |
| (2)                | <b>Tramo UNTOS-VOR/DME AMR</b><br>Sujeto a la actividad de la LED36.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN: MGA L112 AMR. |   |           |                       |  |       |     |     |                 |               |
| (3)                | <b>Tramo UNGAS-DELOG</b><br>Requiere aprobación RNAV5 (GNSS).   |   |           |                       |  |       |     |     |                 |               |
| <b>N866</b>        |   |   |           |                       |  |       |     |     |                 |               |
| ▲                  | KONBA<br>311803N 0151806W   |   |           |                       | LANZAROTE DVOR/DME (LZR) 327° 158.3<br>540m  |       |     |     | Ver AIP Morocco |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |                    |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|--------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |                         |       |     |     |                    |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL         | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |                    |               |
| RNAV5              | 212°  | 032° | 59.1      | FL660<br>FL195                                    | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC       |               |
| Δ                  | GURKA<br>302602N 0155101W                                     |      |           | TENERIFE NORTE DVOR/DME (TFN) 015°<br>116.0 1020m |                         |       |     |     |                    |               |
| RNAV5              | 212°  | 032° | 57.3      | FL660<br>FL195                                    | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC       |               |
| Δ                  | BRICK<br>293529N 0162222W                                     |      |           | TENERIFE NORTE DVOR/DME (TFN) 359° 63.5<br>1020m  |                         |       |     |     |                    |               |
| RNAV5              | 212°  | 032° | 107.9     | FL660<br>FL195                                    | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC       |               |
| Δ                  | GOMER<br>280000N 0172000W                                     |      |           | LA GOMERA DVOR/DME (LGM) 259° 6.5<br>210m         |                         |       |     |     |                    |               |
| RNAV5              | 218°  | 038° | 144.8     | FL660<br>FL195                                    | (+/-) 5 NM              | ↑     | ↓   | C   | CANARIAS ACC       | (1)           |
| ▲                  | ORVEK<br>255830N 0184850W                                     |      |           | LA GOMERA DVOR/DME (LGM) 219° 150.1<br>210m       |                         |       |     |     |                    |               |
| RNP 10             | 218°  | 038° | 69.3      | FL660<br>FL195                                    | (+/-) 10 NM             | ↑     | ↓   | C   | CANARIAS ACC       |               |
| Δ                  | APASO<br>250000N 0193017W                                     |      |           | LA GOMERA DVOR/DME (LGM) 219° 219.5<br>210m       |                         |       |     |     |                    |               |
| RNP 10             | 218°  | 038° | 136.8     | FL660<br>FL195                                    | (+/-) 10 NM             | ↑     | ↓   | C   | CANARIAS ACC       |               |
| Δ                  | YORGI<br>230400N 0205011W                                     |      |           |   |                         |       |     |     |                    |               |
| RNP 10             | 218°  | 038° | 120.0     | FL660<br>FL195                                    | (+/-) 10 NM             | ↑     | ↓   | C   | CANARIAS ACC       |               |
| ▲                  | TENPA<br>212142N 0215824W                                     |      |           |   |                         |       |     |     | Ver AIP Cape Verde |               |
| (1)                | <u>Tramo GOMER-ORVEK</u><br>Requiere aprobación RNAV5 (GNSS). |      |           |   |                         |       |     |     |                    |               |
| <b>N867</b>        |   |      |           |   |                         |       |     |     |                    |               |
| ▲                  | NENEM<br>440305N 0030901W                                     |      |           | BILBAO DVOR/DME (BLV) 347° 45.9 30m               |                         |       |     |     | Ver AIP France     |               |
| RNAV5              | 168°  | 348° | 22.5      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC         |               |
| Δ                  | MAPAX<br>434102N 0030239W                                     |      |           | BILBAO DVOR/DME (BLV) 347° 23.4 30m               |                         |       |     |     |                    |               |
| RNAV5              | 167°  | 347° | 23.3      | FL660<br>FL095                                    | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC         |               |
| Δ                  | BILBAO DVOR/DME (BLV)<br>431815N 0025531W                     |      |           |   |                         |       |     |     |                    |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |            |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |            |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |            |               |
| RNAV5              |   | 357° | 51.1      | FL660<br>FL145                              | (+/-) 5 NM              |       | ↑   | C   | MADRID ACC |               |
| Δ                  | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W    |      |           |   |                         |       |     |     |            |               |
| RNAV5              |   | 009° | 44.1      | FL660<br>FL095                              | (+/-) 5 NM              |       | ↑   | C/D | MADRID ACC |               |
| Δ                  | GASMO<br>414346N 0030256W                     |      |           | BARAHONA DVOR/DME (BAN) 322° 30.8<br>1140m  |                         |       |     |     |            |               |
| RNAV5              |   | 009° | 13.7      | FL660<br>FL115                              | (+/-) 5 NM              |       | ↑   | C/D | MADRID ACC |               |
| Δ                  | OSTIX<br>413016N 0030600W                     |      |           | BARAHONA DVOR/DME (BAN) 296° 23.8<br>1140m  |                         |       |     |     |            |               |
| RNAV5              |   | 009° | 27.6      | FL660<br>11500 ft<br>AMSL                   | (+/-) 5 NM              |       | ↑   | C/D | MADRID ACC |               |
| Δ                  | WUSHI<br>410304N 0031209W                     |      |           | BARAHONA DVOR/DME (BAN) 237° 30.6<br>1140m  |                         |       |     |     |            |               |
| RNAV5              |   | 009° | 12.0      | FL660<br>9500 ft<br>AMSL                    | (+/-) 5 NM              |       | ↑   | C/D |            |               |
| Δ                  | ROBLEDILLO DVOR/DME (RBO)<br>405114N 0031448W |      |           |   |                         |       |     |     |            |               |
| RNAV5              |   | 008° | 65.1      | FL660<br>FL195                              | (+/-) 5 NM              |       | ↑   | C   | MADRID ACC |               |
| Δ                  | VILLATOBAS DVOR/DME (VTB)<br>394651N 0032750W |      |           |   |                         |       |     |     |            |               |
| RNAV5              | 166°  |      | 12.6      | FL660<br>10500 ft<br>AMSL                   | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC |               |
| Δ                  | IDEVU<br>393437N 0032401W                     |      |           | VILLATOBAS DVOR/DME (VTB) 166° 12.6<br>720m |                         |       |     |     |            |               |
| RNAV5              | 166°  |      | 35.6      | FL660<br>FL105                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC |               |
| Δ                  | ANZAN<br>390000N 0031317W                     |      |           | VILLATOBAS DVOR/DME (VTB) 166° 48.2<br>720m |                         |       |     |     |            |               |
| <b>N869</b>        |   |      |           |   |                         |       |     |     |            |               |
| ▲                  | TIVLI<br>424818N 0002612W                     |      |           | HUESCA DVOR/DME (HUE) 352° 44.2 540m        |                         |       |     |     |            |               |
| RNAV5              | 200°  |      | 50.7      | FL660<br>FL195                              | (+/-) 5 NM              | ↓     |     | C   | MADRID ACC | (1) (2)       |
| Δ                  | ELSAP<br>420102N 0005050W                     |      |           | ZARAGOZA VOR/DME (ZAR) 020° 23.1 270m       |                         |       |     |     |            |               |

| Designador de ruta |  |      |           |   |                         |       |     |     |             |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición               |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |             |               |
| NAV                | TR MAG                                     |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |     |             |               |
| RNAV5              | 200°                                       |      | 23.1      | FL660<br>FL195                              | (+/-) 5 NM              | ↓     |     | C   | MADRID ACC  | (3)           |
| Δ                  | ZARAGOZA VOR/DME (ZAR)<br>413928N 0010151W |      |           |   |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 28.1      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | EXEMU<br>411620N 0012301W                  |      |           | CALAMOCHA VOR/DME (CMA) 350° 24.6<br>960m   |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 5.7       | FL660<br>FL095                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  | (4)           |
| Δ                  | PISUS<br>411137N 0012718W                  |      |           | CALAMOCHA VOR/DME (CMA) 339° 20.9<br>960m   |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 30.1      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | EDIMU<br>404642N 0014942W                  |      |           | CALAMOCHA VOR/DME (CMA) 257° 24.7<br>960m   |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 19.2      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | ADUXO<br>403044N 0020351W                  |      |           | CASTEJÓN DVOR/DME (CJN) 068° 23.5<br>1080m  |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 7.7       | FL660<br>FL095                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | NUSGO<br>402420N 0020930W                  |      |           | CASTEJÓN DVOR/DME (CJN) 083° 17.8 1080m     |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 52.9      | FL660<br>9500 ft<br>AMSL                    | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | OBIBO<br>394017N 0024744W                  |      |           | VILLATOBAS DVOR/DME (VTB) 101° 31.6<br>720m |                         |       |     |     |             |               |
| RNAV5              | 213°                                       |      | 19.6      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC  |               |
| Δ                  | NASOS<br>392357N 0030140W                  |      |           | VILLATOBAS DVOR/DME (VTB) 138° 30.5<br>720m |                         |       |     |     |             |               |
| RNAV5              | 200°                                       | 020° | 25.6      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC  |               |
| Δ                  | ANZAN<br>390000N 0031317W                  |      |           | VILLATOBAS DVOR/DME (VTB) 166° 48.2<br>720m |                         |       |     |     |             |               |
| RNAV5              | 200°                                       | 020° | 54.2      | FL660<br>FL095                              | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC |               |
| Δ                  | BAILÉN VOR/DME (BLN)<br>380909N 0033729W   |      |           |   |                         |       |     |     |             |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |                  |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |                         |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |                  |               |
| RNAV5              | 204°  | 024° | 87.7      | FL660<br>FL095  | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC      |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W   |      |           |   |                         |       |     |     |                  |               |
| RNAV5              | 212°  | 032° | 47.2      | FL660<br>FL085  | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC      | (5)           |
| Δ                  | PIMOS<br>360901N 0045336W   |      |           | MÁLAGA AEROPUERTO SUR DVOR/DME (MLG) 210° 36.8 30m    |                         |       |     |     |                  |               |
| RNAV5              | 213°  | 033° | 22.6      | FL660<br>FL085  | (+/-) 5 NM              | ↓     | ↑   | C/D | SEVILLA ACC      |               |
| ▲                  | GALTO<br>355000N 0050837W   |      |           | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>121° 47.2 210m |                         |       |     |     | Ver AIP Morocco  |               |
| (1)                | <u>Tramo TIVLI-VOR/DME ZAR</u><br>Requiere aprobación RNAV5 (GNSS).<br><u>Tramo TIVLI-EXEMU</u><br>Unidad CTL.-MADRID ACC / ZARAGOZA TACC   |      |           |   |                         |       |     |     |                  |               |
| (2)                | <u>Tramo TIVLI-EXEMU</u><br>Unidad CTL-MADRID ACC / ZARAGOZA TACC.<br><u>Tramo TIVLI-EXEMU</u><br>Sujeto a la actividad de las LED47A/B.<br>- FL365-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL< 365. |      |           |   |                         |       |     |     |                  |               |
| (3)                | <u>Tramo ELSAP-VOR/DME ZAR</u><br>Sujeto a la actividad de la LED70C.<br>• <b>Ruta ALTN:</b> TIVLI DCT TERSA.   |      |           |   |                         |       |     |     |                  |               |
| (4)                | <u>Tramo EXEMU-PISUS</u><br>FL145-FL245: unidad CTL ZARAGOZA TACC.  |      |           |   |                         |       |     |     |                  |               |
| (5)                | <u>Tramo DVOR/DME MGA-GALTO</u><br>Requiere aprobación RNAV5 (DME/DME o GNSS).  |      |           |   |                         |       |     |     |                  |               |
| N870               |   |      |           |   |                         |       |     |     |                  |               |
| ▲                  | TOFEF<br>393144N 0072159W   |      |           | CÁCERES DVOR/DME (CCS) 271° 43.1 420m                 |                         |       |     |     | Ver AIP Portugal | (1)           |
| RNAV5              | 067°  |      | 15.3      | FL245<br>FL195  | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC       | (2)           |
| Δ                  | RODAP<br>393757N 0070355W   |      |           | CÁCERES DVOR/DME (CCS) 283° 29.9 420m                 |                         |       |     |     |                  |               |
| RNAV5              | 067°  |      | 22.1      | FL245<br>FL195  | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC       | (3)           |
| Δ                  | RAKOD<br>394651N 0063743W   |      |           | CÁCERES DVOR/DME (CCS) 330° 17.8 420m                 |                         |       |     |     |                  |               |

| Designador de ruta |   |   |           |                          |   |       |     |     |               |               |
|--------------------|---|---|-----------|--------------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                  |   |           |                          | VOR/DME-REF BRG DIST(NM) DME-ELEV           |       |     |     |               |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES       | PRECISIÓN DE NAVEGACIÓN                     | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑ |           |                          |   | Impar | Par |     |               |               |
| RNAV5              | 067°  |   | 11.9      | FL245<br>FL145           | (+/-) 5 NM                                  |       | ↓   | C   | MADRID ACC    | (4)           |
| ▲                  | UREDI<br>395135N 0062336W                     |   |           |                          | CÁCERES DVOR/DME (CCS) 006° 20.2 420m       |       |     |     |               |               |
| RNAV5              | 067°  |   | 85.8      | FL660<br>FL145           | (+/-) 5 NM                                  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | DIPOL<br>402459N 0044035W                     |   |           |                          | NAVAS DEL REY DVOR/DME (NVS) 278° 19.7 780m |       |     |     |               |               |
| RNAV5              | 068°  |   | 70.4      | FL660<br>FL145           | (+/-) 5 NM                                  |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | ROBLEDILLO DVOR/DME (RBO)<br>405114N 0031448W |   |           |                          |   |       |     |     |               |               |
| RNAV5              | 075°  |   | 30.4      | FL660<br>9500 ft<br>AMSL | (+/-) 5 NM                                  |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | PINAR<br>405849N 0023557W                     |   |           |                          | BARAHONA DVOR/DME (BAN) 175° 20.7 1140m     |       |     |     |               |               |
| RNAV5              | 075°  |   | 10.4      | FL660<br>9500 ft<br>AMSL | (+/-) 5 NM                                  |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | SEGRE<br>410122N 0022235W                     |   |           |                          | BARAHONA DVOR/DME (BAN) 147° 21.4 1140m     |       |     |     |               |               |
| RNAV5              | 075°  |   | 14.0      | FL660<br>FL095           | (+/-) 5 NM                                  |       | ↓   | C/D | MADRID ACC    | (5)           |
| Δ                  | BRITO<br>410445N 0020441W                     |   |           |                          | BARAHONA DVOR/DME (BAN) 119° 28.9 1140m     |       |     |     |               |               |
| RNAV5              | 075°  |   | 29.1      | FL660<br>FL095           | (+/-) 5 NM                                  |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | PISUS<br>411137N 0012718W                     |   |           |                          | CALAMOCHA VOR/DME (CMA) 339° 20.9 960m      |       |     |     |               |               |
| RNAV5              | 076°  |   | 42.2      | FL660<br>FL135           | (+/-) 5 NM                                  |       | ↓   | C/D | MADRID ACC    | (6)           |
| Δ                  | PONEN<br>412114N 0003251W                     |   |           |                          | ZARAGOZA VOR/DME (ZAR) 129° 28.4 270m       |       |     |     |               |               |
| RNAV5              | 089°  |   | 34.6      | FL660<br>FL135           | (+/-) 5 NM                                  |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | SEROX<br>412048N 0001307E                     |   |           |                          | MAELLA DVOR/DME (MLA) 009° 13.2 360m        |       |     |     |               |               |
| RNAV5              | 090°  |   | 15.7      | FL660<br>FL105           | (+/-) 5 NM                                  |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | VILAR<br>412030N 0003357E                     |   |           |                          | MAELLA DVOR/DME (MLA) 053° 22.1 360m        |       |     |     |               |               |

| Designador de ruta |   |   |           |   |                         |       |     |     |                |               |
|--------------------|---|---|-----------|---|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV       |                         |       |     |     |                |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES                      | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓   | ↑ |           |   |                         | Impar | Par |     |                |               |
| RNAV5              | 090°  |   | 26.5      | FL660<br>FL145                          | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | KARES<br>411952N 0010908E   |   |           | REUS DVOR/DME (RES) 356° 11.3 60m       |                         |       |     |     |                |               |
| RNAV5              | 090°  |   | 24.3      | FL660<br>FL145                          | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | BISES<br>411907N 0014121E   |   |           | VILAFRANCA DVOR/DME (VLA) 101° 6.5 660m |                         |       |     |     |                |               |
| RNAV5              | 090°  |   | 19.0      | FL660<br>FL145                          | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E  |   |           |   |                         |       |     |     |                |               |
| RNAV5              | 063°  |   | 53.9      | FL660<br>FL145                          | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | FEVIK<br>414047N 0031146E   |   |           | BAGUR DVOR/DME (BGR) 180° 16.1 330m     |                         |       |     |     |                |               |
| RNAV5              | 064°  |   | 8.0       | FL660<br>FL145                          | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC  |               |
| Δ                  | DALIN<br>414402N 0032128E   |   |           | BAGUR DVOR/DME (BGR) 150° 14.5 330m     |                         |       |     |     |                |               |
| RNAV5              | 064°  |   | 28.2      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | PIVUS<br>415526N 0035601E   |   |           | BAGUR DVOR/DME (BGR) 090° 32.4 330m     |                         |       |     |     |                |               |
| RNAV5              | 064°  |   | 23.5      | FL660<br>FL095                          | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC  |               |
| ▲                  | DIBER<br>420447N 0042454E   |   |           | BAGUR DVOR/DME (BGR) 079° 54.4 330m     |                         |       |     |     | Ver AIP France |               |
| (1)                | Servicios de tránsito aéreo delegados de Madrid ACC a Lisboa ACC entre el límite del UIR y UREDI a partir de FL245. Espacio aéreo Free Route, ver AIP-Portugal.   |   |           |   |                         |       |     |     |                |               |
| (2)                | <b>Tramo TOFEF-DVOR/DME RBO</b><br>Requiere aprobación RNAV5 (GNSS).  |   |           |   |                         |       |     |     |                |               |
| (3)                | <b>Tramo RODAP-RAKOD</b><br>Sujeto a la actividad de las LER71C.<br>- FL195-FL245:<br>• <b>CDR1:</b> MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br>• <b>PERM:</b> Resto del tiempo, disponible.<br>• <b>Ruta ALTN:</b> ADORO L155 NVS Z230 TLD. |   |           |   |                         |       |     |     |                |               |

| Designador de ruta |  |      |           |                       |   |       |     |     |                  |               |
|--------------------|--|------|-----------|-----------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                       | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                  |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES    | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓  | ↑    |           |                       |   | Impar | Par |     |                  |               |
| (4)                | <b>Tramo RAKOD-DIPOL</b><br>Sujeto a la actividad de la LER71C.<br>- FL145-FL245:<br>• CDR1: MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br>• PERM: Resto del tiempo, disponible.<br>• Ruta ALTN: ADORO L155 NVS Z230 TLD.                    |      |           |                       |   |       |     |     |                  |               |
| (5)                | <b>Tramo SEGRE-SEROX</b><br>- FL145-FL245: unidad CTL ZARAGOZA TACC.   |      |           |                       |   |       |     |     |                  |               |
| (6)                | <b>Tramo PISUS-SEROX</b><br>Sujeto a la actividad de la LED47B.<br>- FL365-FL660:<br>• CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• Ruta ALTN: RFL< 365. |      |           |                       |   |       |     |     |                  |               |
| <b>N871</b>        |  |      |           |                       |   |       |     |     |                  |               |
| Δ                  | APASO<br>250000N 0193017W  |      |           |                       | LA GOMERA DVOR/DME (LGM) 219° 219.5<br>210m           |       |     |     |                  |               |
| RNP 10             | 056°   |      | 65.2      | $\frac{FL660}{FL195}$ | (+/-) 10 NM   | ↓     | ↓   | C   | CANARIAS ACC (1) |               |
| ▲                  | PUCLO<br>254238N 0183546W  |      |           |                       | LA GOMERA DVOR/DME (LGM) 213° 157.6<br>210m           |       |     |     |                  |               |
| RNAV5              | 056°   |      | 109.8     | $\frac{FL660}{FL095}$ | (+/-) 5 NM  | ↓     | ↓   | C/D | CANARIAS ACC (2) |               |
| Δ                  | URQUI<br>265341N 0170224W  |      |           |                       | LA GOMERA DVOR/DME (LGM) 176° 68.7<br>210m            |       |     |     |                  |               |
| RNAV5              | 054°   | 234° | 111.3     | $\frac{FL660}{FL095}$ | (+/-) 5 NM  | ↑     | ↓   | C/D | CANARIAS ACC (3) |               |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W  |      |           |                       |   |       |     |     |                  |               |
| RNAV5              | 060°   | 240° | 120.4     | $\frac{FL660}{FL095}$ | (+/-) 5 NM  | ↑     | ↓   | C/D | CANARIAS ACC     |               |
| Δ                  | LANZAROTE DVOR/DME (LZR)<br>290958N 0133039W   |      |           |                       |   |       |     |     |                  |               |
| RNAV5              | 058°   |      | 59.4      | $\frac{FL660}{FL095}$ | (+/-) 5 NM  |       | ↓   | C/D | CANARIAS ACC (4) |               |
| ▲                  | KORAL<br>294353N 0123442W  |      |           |                       | LANZAROTE DVOR/DME (LZR) 058° 59.4<br>540m            |       |     |     | Ver AIP Morocco  |               |
| ▲                  | ADUBI<br>355000N 0061926W  |      |           |                       | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>215° 29.7 210m |       |     |     |                  |               |

| Designador de ruta |   |   |           |   |                         |       |     |     |             |               |
|--------------------|---|---|-----------|---|-------------------------|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                            |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV               |                         |       |     |     |             |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES                              | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓   | ↑ |           |   |                         | Impar | Par |     |             |               |
| RNAV5              | 035°  |   | 29.7      | FL660<br>FL145                                  | (+/-) 5 NM              |       | ↓   | C   |             | (5)           |
| Δ                  | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W |   |           |   |                         |       |     |     |             |               |
| RNAV5              | 046°  |   | 69.9      | FL660<br>FL095                                  | (+/-) 5 NM              |       | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | MARTÍN DVOR/DME (MAR)<br>370319N 0045624W               |   |           |   |                         |       |     |     |             |               |
| RNAV5              | 023°  |   | 52.0      | FL660<br>FL095                                  | (+/-) 5 NM              |       | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | ALCOL<br>375121N 0043108W                               |   |           | CÓRDOBA DVOR/DME (CDB) 088° 15.6 90m            |                         |       |     |     |             |               |
| RNAV5              | 023°  |   | 16.0      | FL660<br>FL095                                  | (+/-) 5 NM              |       | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | PIPHU<br>380606N 0042315W                               |   |           | CÓRDOBA DVOR/DME (CDB) 054° 26.6 90m            |                         |       |     |     |             |               |
| RNAV5              | 023°  |   | 40.7      | FL660<br>FL095                                  | (+/-) 5 NM              |       | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | AMIBU<br>384337N 0040257W                               |   |           | BAILÉN VOR/DME (BLN) 329° 39.8 540m             |                         |       |     |     |             |               |
| RNAV5              | 023°  |   | 17.8      | FL660<br>FL095                                  | (+/-) 5 NM              |       | ↓   | C/D | SEVILLA ACC |               |
| Δ                  | LOGRO<br>390000N 0035358W                               |   |           | VILLATOBAS DVOR/DME (VTB) 203° 51.0 720m        |                         |       |     |     |             |               |
| RNAV5              | 023°  |   | 37.3      | FL660<br>FL105                                  | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC  |               |
| Δ                  | ETANA<br>393417N 0033455W                               |   |           | VILLATOBAS DVOR/DME (VTB) 203° 13.7 720m        |                         |       |     |     |             |               |
| RNAV5              | 023°  |   | 13.7      | FL660<br>10500 ft<br>AMSL                       | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC  |               |
| Δ                  | VILLATOBAS DVOR/DME (VTB)<br>394651N 0032750W           |   |           |   |                         |       |     |     |             |               |
| RNAV5              | 033°  |   | 34.7      | FL660<br>FL145                                  | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC  | (6)           |
| Δ                  | PALIO<br>401544N 0030254W                               |   |           | PERALES DE TAJUÑA DVOR/DME (PDT) 087° 13.7 780m |                         |       |     |     |             |               |
| RNAV5              | 033°  |   | 55.0      | FL660<br>FL145                                  | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC  |               |
| Δ                  | SEGRE<br>410122N 0022235W                               |   |           | BARAHONA DVOR/DME (BAN) 147° 21.4 1140m         |                         |       |     |     |             |               |

| Designador de ruta |  |   |           |                                       |                         |       |     |     |                |               |
|--------------------|--|---|-----------|---------------------------------------|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV     |                         |       |     |     |                |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑ |           |                                       |                         | Impar | Par |     |                |               |
| RNAV5              | 038°   |   | 83.1      | FL660<br>FL145                        | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     | (7)           |
| Δ                  | YAKXU<br>420555N 0011246W  |   |           | ZARAGOZA VOR/DME (ZAR) 342° 27.7 270m |                         |       |     |     |                |               |
| RNAV5              | 038°   |   | 25.7      | FL660<br>FL145                        | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| Δ                  | RONNY<br>422545N 0005041W  |   |           | HUESCA DVOR/DME (HUE) 311° 31.7 540m  |                         |       |     |     |                |               |
| RNAV5              | 051°   |   | 36.3      | FL660<br>FL195                        | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| ▲                  | TOPTU<br>424748N 0001137W  |   |           | HUESCA DVOR/DME (HUE) 006° 43.8 540m  |                         |       |     |     | Ver AIP France |               |
| (1)                | <p><b><u>Tramo APASO - URQUI</u></b><br/>                     Sujeto a la actividad de las GCD79T/W.<br/>                     - CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     - Ruta ALTN:<br/>                     • APASO N866 GOMER.<br/>                     • LIMAL N873 GDV.<br/>                     • BIPET N857 DEREV N729 GDV.</p>        |   |           |                                       |                         |       |     |     |                |               |
| (2)                | <p><b><u>Tramo PUCLO-URQUI</u></b><br/>                     Requiere aprobación RNAV5 (GNSS).</p>  |   |           |                                       |                         |       |     |     |                |               |
| (3)                | <p><b><u>Tramo URQUI-DVOR/DME GDV</u></b><br/>                     Sujeto a la actividad de las GCD79D/T/W.<br/>                     - CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     - Ruta ALTN:<br/>                     • APASO N866 GOMER.<br/>                     • LIMAL N873 GDV.<br/>                     • BIPET N857 DEREV N729 GDV.</p> |   |           |                                       |                         |       |     |     |                |               |
| (4)                | <p><b><u>Tramo DVOR/DME LZR-KORAL</u></b><br/>                     Rprobación RNAV5 (GNSS).</p>  |   |           |                                       |                         |       |     |     |                |               |
| (5)                | <p><b><u>Tramo ADUBI-DVOR/DME MAR</u></b><br/>                     Sujeto a la actividad de la LETR4.</p>  |   |           |                                       |                         |       |     |     |                |               |

| Designador de ruta |  |   |           |                    |                                   |       |     |     |            |               |
|--------------------|--|---|-----------|--------------------|-----------------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV |       |     |     |            |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN           | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |                                   | Impar | Par |     |            |               |
| (6)                | <b>Tramo DVOR/DME VTB-TOPTU</b><br>Requiere aprobación RNAV5 (GNSS).   |   |           |                    |                                   |       |     |     |            |               |
| (7)                | <b>Tramo SEGRE-TOPTU</b><br>Sujeto a la actividad de las LED47A/B.<br>- FL365-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL < 365.<br><br>Sujeto a la actividad de la LED50.<br>- FL145-FL235:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL > 245.<br><br><b>Tramo SEGRE-RONNY</b><br>- FL145-FL245: unidad TCL ZARAGOZA TACC. |   |           |                    |                                   |       |     |     |            |               |

| N872  |   |      |      |                |  |   |  |     |                |
|-------|---|------|------|----------------|--|---|--|-----|----------------|
| ▲     | RALUS<br>415612N 0070659W                   |      |      |                | VIGO DVOR/DME (VGO) 110° 70.0 270m     |   |  |     |                |
| RNAV5 |   | 207° | 17.6 | FL245<br>FL145 | (+/-) 5 NM                             | ↑ |  | C   | MADRID ACC (1) |
| Δ     | BARKO<br>421202N 0065641W                   |      |      |                | LEÓN DVOR/DME (EON) 248° 62.2 930m     |   |  |     |                |
| RNAV5 |   | 207° | 40.0 | FL245<br>FL105 | (+/-) 5 NM                             | ↑ |  | C/D | MADRID ACC     |
| Δ     | BISMU<br>424748N 0063219W                   |      |      |                | LEÓN DVOR/DME (EON) 288° 41.2 930m     |   |  |     |                |
| RNAV5 |   | 208° | 21.2 | FL245<br>FL105 | (+/-) 5 NM                             | ↑ |  | C/D | MADRID ACC     |
| Δ     | KUVAN<br>430640N 0061901W                   |      |      |                | ASTURIAS DVOR/DME (VES) 207° 30.0 120m |   |  |     |                |
| RNAV5 |   | 207° | 30.0 | FL245<br>FL105 | (+/-) 5 NM                             | ↑ |  | C/D | MADRID ACC     |
| Δ     | ASTURIAS DVOR/DME (VES)<br>433325N 0060026W |      |      |                |  |   |  |     |                |
| RNAV5 |   | 219° | 30.0 | FL245<br>FL105 | (+/-) 5 NM                             | ↑ |  | C/D | MADRID ACC     |
| Δ     | DEVAR<br>435641N 0053418W                   |      |      |                | ASTURIAS DVOR/DME (VES) 039° 30.0 120m |   |  |     |                |
| RNAV5 |   | 219° | 43.1 | FL245<br>FL105 | (+/-) 5 NM                             | ↑ |  | C/D | MADRID ACC     |

| Designador de ruta |   |      |           |                    |   |       |     |     |                    |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|--------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV             |       |     |     |                    |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                       | DCL   |     | ASC | UNIDAD CTL         | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                    |               |
| ▲                  | ATLEN<br>443019N 0045651W                                     |      |           |                    | ASTURIAS DVOR/DME (VES) 039° 73.0 120m        |       |     |     | Ver AIP France     |               |
| (1)                | <u>Tramo RALUS-ATLEN</u><br>Requiere aprobación RNAV5 (GNSS). |      |           |                    |   |       |     |     |                    |               |
| <b>N873</b>        |   |      |           |                    |   |       |     |     |                    |               |
| ▲                  | IPERA<br>202154N 0204200W                                     |      |           |                    |   |       |     |     | Ver AIP Cape Verde |               |
| RNP 10             | 037°  | 217° | 120.0     | FL660<br>FL145     | (+/-) 10 NM                                   | ↓     | ↑   | C   | CANARIAS ACC       |               |
| Δ                  | ISOKA<br>220453N 0193524W                                     |      |           |                    |   |       |     |     |                    |               |
| RNP 10             | 037°  | 217° | 205.4     | FL660<br>FL145     | (+/-) 10 NM                                   | ↓     | ↑   | C   | CANARIAS ACC       |               |
| ▲                  | LIMAL<br>250000N 0173732W                                     |      |           |                    | LA GOMERA DVOR/DME (LGM) 191° 183.2 210m      |       |     |     |                    |               |
| RNAV5              | 037°  | 217° | 84.9      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | CANARIAS ACC       | (1) (2)       |
| Δ                  | UDATI<br>261152N 0164711W                                     |      |           |                    | TENERIFE SUR DVOR/DME (TFS) 187° 108.5 30m    |       |     |     |                    |               |
| RNAV5              | 037°  | 217° | 49.5      | FL660<br>FL105     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | CANARIAS ACC       |               |
| Δ                  | ODEGI<br>265341N 0161724W                                     |      |           |                    | TENERIFE SUR DVOR/DME (TFS) 166° 69.8 30m     |       |     |     |                    |               |
| RNAV5              | 037°  | 217° | 58.9      | FL660<br>FL105     | (+/-) 5 NM                                    | ↑     | ↓   | C/D | CANARIAS ACC       |               |
| Δ                  | LOMAS<br>274314N 0154128W                                     |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 248° 15.2 60m |       |     |     |                    |               |
| RNAV5              | 037°  | 217° | 25.5      | FL660<br>FL105     | (+/-) 5 NM                                    | ↑     | ↓   | C/D | CANARIAS ACC       |               |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W               |      |           |                    |   |       |     |     |                    |               |
| RNAV5              | 021°  | 201° | 177.1     | FL660<br>FL195     | (+/-) 5 NM                                    | ↑     | ↓   | C/D | CANARIAS ACC       | (3)           |
| ▲                  | SAMAR<br>305359N 0142456W                                     |      |           |                    | LANZAROTE DVOR/DME (LZR) 339° 114.2 540m      |       |     |     | Ver AIP Morocco    |               |
| ▲                  | PORTA<br>391948N 0071809W                                     |      |           |                    | CÁCERES DVOR/DME (CCS) 255° 41.9 420m         |       |     |     | Ver AIP Portugal   |               |
| RNAV5              | 032°  |      | 21.2      | FL245<br>FL145     | (+/-) 5 NM                                    |       | ↓   | C   | MADRID ACC         | (4)           |
| Δ                  | RODAP<br>393757N 0070355W                                     |      |           |                    | CÁCERES DVOR/DME (CCS) 283° 29.9 420m         |       |     |     |                    |               |

| Designador de ruta |  |   |           |  |                         |       |     |     |                |               |
|--------------------|--|---|-----------|--|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV      |                         |       |     |     |                |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑ |           |  |                         | Impar | Par |     |                |               |
| RNAV5              | 032°   |   | 17.1      | FL245<br>FL195                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     | (5)           |
| Δ                  | BABOV<br>395235N 0065225W  |   |           | CÁCERES DVOR/DME (CCS) 317° 29.3 420m  |                         |       |     |     |                |               |
| RNAV5              | 032°   |   | 49.9      | FL245<br>FL195                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| ▲                  | BARDI<br>403501N 0061809W  |   |           | SALAMANCA VOR/DME (BBI) 236° 46.4 900m |                         |       |     |     | LISBOA ACC     |               |
| RNAV5              | 028°   |   | 64.2      | FL660<br>FL145                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W  |   |           |  |                         |       |     |     |                |               |
| RNAV5              | 023°   |   | 74.1      | FL660<br>FL145                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| Δ                  | NUBLO<br>423958N 0045920W  |   |           | LEÓN DVOR/DME (EON) 081° 29.3 930m     |                         |       |     |     |                |               |
| RNAV5              | 023°   |   | 53.5      | FL660<br>FL145                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| Δ                  | RONSI<br>432904N 0043013W  |   |           | SANTANDER DVOR/DME (SNR) 274° 26.3 60m |                         |       |     |     |                |               |
| RNAV5              | 024°   |   | 55.4      | FL660<br>FL145                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| ▲                  | DELOG<br>441944N 0035915W  |   |           | SANTANDER DVOR/DME (SNR) 356° 52.9 60m |                         |       |     |     | Ver AIP France |               |
| (1)                | <b>Tramo LIMAL-UDAT</b><br>Requiere aprobación RNAV5 (GNSS).   |   |           |  |                         |       |     |     |                |               |
| (2)                | <b>Tramo LIMAL-LOMAS</b><br>Sujeto a la actividad de la GCD79T.<br>- CDR1: MON-SUN.<br>- Ruta ALTN: Las rutas alternativas se publicarán mediante SUP.   |   |           |  |                         |       |     |     |                |               |
| (3)                | <b>Tramo DVOR/DME GDV-SAMAR</b><br>Sujeto a la actividad de la GCD53.  |   |           |  |                         |       |     |     |                |               |
| (4)                | <b>Tramo PORTA-DELOG</b><br>Requiere aprobación RNAV5 (GNSS).  |   |           |  |                         |       |     |     |                |               |
| (5)                | <b>Tramo RODAP-DVOR/DME ZMR</b><br>Sujeto a la actividad de las LER71B/C.<br>- FL145-FL245:<br>• CDR1: MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br>• PERM: Resto del tiempo, disponible.<br>• Ruta ALTN: RIVRO N725 ZMR. |   |           |  |                         |       |     |     |                |               |
| <b>N975</b>        |  |   |           |  |                         |       |     |     |                |               |
| ▲                  | NILDU<br>421537N 0034943E  |   |           | BAGUR DVOR/DME (BGR) 053° 33.4 330m    |                         |       |     |     | Ver AIP France |               |

| Designador de ruta |  |   |           |   |                         |       |     |     |               |               |
|--------------------|--|---|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                 |   |           | VOR/DME-REF BRG DIST(NM) DME-ELEV       |                         |       |     |     |               |               |
| NAV                | TR MAG                                       |   | DIST (NM) | LÍMITES VERTICALES                      | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑ |           |   |                         | Impar | Par |     |               |               |
| RNAV5              | 219°   |   | 13.8      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | BISBA<br>420511N 0033733E                    |   |           | BAGUR DVOR/DME (BGR) 064° 20.4 330m     |                         |       |     |     |               |               |
| RNAV5              | 244°   |   | 20.4      | FL660<br>FL095                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | BAGUR DVOR/DME (BGR)<br>415652N 0031232E     |   |           |   |                         |       |     |     |               |               |
| RNAV5              | 230°   |   | 25.9      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | NENDA<br>414104N 0024505E                    |   |           | CALELLA DVOR/DME (CLE) 061° 5.9 420m    |                         |       |     |     |               |               |
| RNAV5              | 230°   |   | 36.8      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E |   |           |   |                         |       |     |     |               |               |
| RNAV5              | 259°   |   | 18.7      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | ANTON<br>411535N 0014154E                    |   |           | VILAFRANCA DVOR/DME (VLA) 124° 8.4 660m |                         |       |     |     |               |               |
| RNAV5              | 259°   |   | 24.4      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | XIKEN<br>411146N 0010959E                    |   |           | REUS DVOR/DME (RES) 002° 3.2 60m        |                         |       |     |     |               |               |
| RNAV5              | 259°   |   | 22.9      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | OSLAP<br>410802N 0004000E                    |   |           | REUS DVOR/DME (RES) 267° 22.4 60m       |                         |       |     |     |               |               |
| RNAV5              | 259°   |   | 8.8       | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | SALAS<br>410635N 0002835E                    |   |           | MAELLA DVOR/DME (MLA) 093° 14.1 360m    |                         |       |     |     |               |               |
| RNAV5              | 259°   |   | 35.1      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | RAMON<br>410033N 0001707W                    |   |           | MAELLA DVOR/DME (MLA) 249° 21.6 360m    |                         |       |     |     |               |               |
| RNAV5              | 249°   |   | 24.5      | FL660<br>FL145                          | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | NEXAS<br>405216N 0004734W                    |   |           | CALAMOCHA VOR/DME (CMA) 088° 22.9 960m  |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |            |               |  |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|------------|---------------|--|
| ▲ / Δ              | REP obligatorio / a petición                |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV               |                         |       |     |     |            |               |  |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES                              | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |  |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |            |               |  |
| RNAV5              | 249°  |      | 22.8      | FL660<br>FL095                                  | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC |               |  |
| Δ                  | DISVU<br>404425N 0011548W                   |      |           | CALAMOCHA VOR/DME (CMA) 167° 7.8 960m           |                         |       |     |     |            |               |  |
| RNAV5              | 249°  |      | 39.1      | FL660<br>FL095                                  | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC |               |  |
| Δ                  | ADUXO<br>403044N 0020351W                   |      |           | CASTEJÓN DVOR/DME (CJN) 068° 23.5 1080m         |                         |       |     |     |            |               |  |
| RNAV5              | 248°  |      | 23.6      | FL660<br>9500 ft<br>AMSL                        | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC |               |  |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W |      |           |   |                         |       |     |     |            |               |  |
| RNAV5              | 253°  | 073° | 24.0      | FL660<br>9500 ft<br>AMSL                        | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC | (1)           |  |
| Δ                  | PALIO<br>401544N 0030254W                   |      |           | PERALES DE TAJUÑA DVOR/DME (PDT) 087° 13.7 780m |                         |       |     |     |            |               |  |
| RNAV5              | 253°  | 073° | 8.1       | FL660<br>9500 ft<br>AMSL                        | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC | (2)           |  |
| Δ                  | AKOKI<br>401328N 0031307W                   |      |           | PERALES DE TAJUÑA DVOR/DME (PDT) 105° 6.2 780m  |                         |       |     |     |            |               |  |
| RNAV5              | 253°  | 073° | 24.2      | FL660<br>9500 ft<br>AMSL                        | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC | (3)           |  |
| Δ                  | GOTOR<br>400639N 0034328W                   |      |           | PERALES DE TAJUÑA DVOR/DME (PDT) 243° 19.3 780m |                         |       |     |     |            |               |  |
| RNAV5              | 253°  | 073° | 29.5      | FL660<br>9500 ft<br>AMSL                        | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC | (4)           |  |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W   |      |           |   |                         |       |     |     |            |               |  |
| RNAV5              | 255°  | 075° | 11.9      | FL660<br>9500 ft<br>AMSL                        | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC | (5)           |  |
| Δ                  | NATPA<br>395508N 0043511W                   |      |           | TOLEDO DVOR/DME (TLD) 255° 11.9 600m            |                         |       |     |     |            |               |  |
| RNAV5              | 255°  | 075° | 35.1      | FL660<br>FL095                                  | (+/-) 5 NM              | ↓     | ↑   | C/D | MADRID ACC | (6)           |  |
| Δ                  | MELON<br>394600N 0051907W                   |      |           | TOLEDO DVOR/DME (TLD) 255° 46.8 600m            |                         |       |     |     |            |               |  |

| Designador de ruta |  |      |           |                    |                                       |       |     |     |                  |               |     |
|--------------------|--|------|-----------|--------------------|---------------------------------------|-------|-----|-----|------------------|---------------|-----|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                  |               |     |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |     |
|                    | ↓  | ↑    |           |                    |                                       | Impar | Par |     |                  |               |     |
| RNAV5              | 255°   | 075° | 53.7      | FL660<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | MADRID ACC       | (7)           |     |
| ▲                  | CÁCERES DVOR/DME (CCS)<br>393128N 0062605W   |      |           |                    |                                       |       |     |     |                  |               |     |
| RNAV5              | 244°   | 064° | 41.0      | FL245<br>FL095     | (+/-) 5 NM                            | ↓     | ↑   | C/D | MADRID ACC       | (8) (9)       |     |
| ▲                  | ELVAR<br>391310N 0071324W  |      |           |                    | CÁCERES DVOR/DME (CCS) 244° 40.9 420m |       |     |     | Ver AIP Portugal |               |     |
| (1)                | <u>Tramo DVOR/DME CJN-PALIO</u><br>- FL145-FL660: unidireccional IMPAR FL.                             |      |           |                    |                                       |       |     |     |                  |               |     |
| (2)                | <u>Tramo PALIO-AKOKI</u><br>- FL145-FL660: unidireccional IMPAR FL.                                    |      |           |                    |                                       |       |     |     |                  |               |     |
| (3)                | <u>Tramo AKOKI-GOTOR</u><br>- FL145-FL660: unidireccional IMPAR FL.                                    |      |           |                    |                                       |       |     |     |                  |               |     |
| (4)                | <u>Tramo GOTOR-DVOR/DME TLD</u><br>- FL145-FL660: unidireccional IMPAR FL.                             |      |           |                    |                                       |       |     |     |                  |               |     |
| (5)                | <u>Tramo DVOR/DME TLD-NATPA</u><br>- FL145-FL660: unidireccional IMPAR FL.                             |      |           |                    |                                       |       |     |     |                  |               |     |
| (6)                | <u>Tramo NATPA-MELON</u><br>- FL145-FL660: unidireccional IMPAR FL.                                    |      |           |                    |                                       |       |     |     |                  |               |     |
| (7)                | <u>Tramo MELON-DVOR/DME CCS</u><br>- FL145-FL660: unidireccional IMPAR FL.                             |      |           |                    |                                       |       |     |     |                  |               |     |
| (8)                | <u>Tramo DVOR/DME CCS-ELVAR</u><br>- FL145-FL660: unidireccional IMPAR FL.                             |      |           |                    |                                       |       |     |     |                  |               |     |
| (9)                | Por encima de FL245 ver ENR 2.2 DELEGACIÓN ATS DE MADRID ACC A LISBOA ACC y AIP PORTUGAL (LISBOA FRA). |      |           |                    |                                       |       |     |     |                  |               |     |
| N976               |  |      |           |                    |                                       |       |     |     |                  |               |     |
| ▲                  | NINOS<br>410747N 0064637W  |      |           |                    | ZAMORA DVOR/DME (ZMR) 245° 56.6 630m  |       |     |     | Ver AIP Portugal |               | (1) |
| RNAV5              |  | 264° | 22.6      | FL245<br>FL195     | (+/-) 5 NM                            | ↑     |     | C   | MADRID ACC       |               |     |
| ▲                  | ARDID<br>411024N 0061656W  |      |           |                    | ZAMORA DVOR/DME (ZMR) 234° 36.0 630m  |       |     |     |                  |               |     |
| RNAV5              |  | 235° | 36.1      | FL660<br>FL195     | (+/-) 5 NM                            | ↑     |     | C   | MADRID ACC       |               |     |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W  |      |           |                    |                                       |       |     |     |                  |               |     |
| RNAV5              | 066°   | 247° | 74.9      | FL660<br>FL105     | (+/-) 5 NM                            | ↑     | ↓   | C/D | MADRID ACC       |               |     |
| Δ                  | TABANERA DEL CERRATO VOR/DME (NEA)<br>420139N 0040633W   |      |           |                    |                                       |       |     |     |                  |               |     |

| Designador de ruta |   |      |           |   |                         |       |     |                  |              |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|------------------|--------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |                         |       |     |                  |              |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC              | UNIDAD CTL   | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |                  |              |               |
| RNAV5              | 065°  | 245° | 60.4      | FL660<br>FL095                                    | (+/-) 5 NM              | ↑     | ↓   | C/D              | MADRID ACC   |               |
| Δ                  | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W  |      |           |   |                         |       |     |                  |              |               |
| RNAV5              | 071°  | 251° | 33.9      | FL660<br>FL145                                    | (+/-) 5 NM              | ↑     | ↓   | C                | MADRID ACC   |               |
| Δ                  | MIRPO<br>423752N 0020919W   |      |           | LOGROÑO DVOR/DME (LPA) 036° 12.8 360m             |                         |       |     |                  |              |               |
| RNAV5              | 072°  | 252° | 21.0      | FL660<br>FL145                                    | (+/-) 5 NM              | ↑     | ↓   | C                | MADRID ACC   |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W   |      |           |   |                         |       |     |                  |              |               |
| RNAV5              |   | 240° | 32.7      | FL660<br>FL195                                    | (+/-) 5 NM              | ↑     |     | C                | MADRID ACC   |               |
| ▲                  | ERAKI<br>425942N 0010301W   |      |           | PAMPLONA SUR DVOR/DME (PAP) 055° 32.6<br>570m     |                         |       |     | Ver AIP France   |              |               |
| (1)                | Servicios de tránsito aéreo delegados de Madrid ACC a Lisboa ACC entre el límite del UIR y ARDID a partir de FL245. Espacio aéreo Free Route, ver AIP-Portugal. |      |           |   |                         |       |     |                  |              |               |
| <b>N981</b>        |   |      |           |   |                         |       |     |                  |              | (1)           |
| ▲                  | BIMBO<br>312517N 0160158W   |      |           | TENERIFE NORTE DVOR/DME (TFN) 008°<br>173.6 1020m |                         |       |     | Ver AIP Portugal |              |               |
| RNAV5              |   | 022° | 67.5      | FL660<br>FL195                                    | (+/-) 5 NM              |       | ↑   | C                | CANARIAS ACC |               |
| Δ                  | PITAB<br>302110N 0162657W   |      |           | TENERIFE NORTE DVOR/DME (TFN) 359°<br>109.4 1020m |                         |       |     |                  |              |               |
| RNAV5              | 202°  | 022° | 148.3     | FL660<br>FL195                                    | (+/-) 5 NM              | ↓     | ↑   | C                | CANARIAS ACC |               |
| Δ                  | GOMER<br>280000N 0172000W   |      |           | LA GOMERA DVOR/DME (LGM) 259° 6.5<br>210m         |                         |       |     |                  |              |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).   |      |           |   |                         |       |     |                  |              |               |
| <b>N995</b>        |   |      |           |   |                         |       |     |                  |              | (1)           |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W   |      |           |   |                         |       |     |                  |              |               |
| RNAV5              | 079°  | 259° | 46.9      | FL660<br>FL195                                    | (+/-) 5 NM              | ↑     | ↓   | C                | MADRID ACC   | (2)           |
| ▲                  | LATEK<br>425230N 0003925W   |      |           | PAMPLONA SUR DVOR/DME (PAP) 075° 45.6<br>570m     |                         |       |     | Ver AIP France   |              |               |

| Designador de ruta |  |      |           |                                       |                         |       |     |                 |                   |               |
|--------------------|--|------|-----------|---------------------------------------|-------------------------|-------|-----|-----------------|-------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV     |                         |       |     |                 |                   |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL        | OBSERVACIONES |
|                    | ↓  | ↑    |           |                                       |                         | Impar | Par |                 |                   |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).  |      |           |                                       |                         |       |     |                 |                   |               |
| (2)                | <u>Tramo DVOR/DME PPN-LATEK</u><br>Sujeto a la actividad de la LED47A.<br>- FL365-FL660:<br>• CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• Ruta ALTN: RFL < 365. |      |           |                                       |                         |       |     |                 |                   |               |
| <b>P34</b>         |  |      |           |                                       |                         |       |     |                 |                   |               |
| Δ                  | VALENCIA DVOR/DME (VLC)<br>392908N 0002859W  |      |           |                                       |                         |       |     |                 |                   |               |
| RNAV5              | 171°   |      | 14.5      | $\frac{FL660}{FL145}$                 | (+/-) 5 NM              | ↓     |     | C               | BARCELONA ACC (1) |               |
| Δ                  | RIPUX<br>391448N 0002623W  |      |           | VALENCIA DVOR/DME (VLC) 171° 14.5 60m |                         |       |     |                 |                   |               |
| RNAV5              | 171°   |      | 53.6      | $\frac{FL660}{FL145}$                 | (+/-) 5 NM              | ↓     |     | C               | BARCELONA ACC     |               |
| Δ                  | SUMMO<br>382137N 0001654W  |      |           | ALTET VOR/DME (ALT) 066° 14.7 60m     |                         |       |     |                 |                   |               |
| RNAV5              | 171°   |      | 17.4      | $\frac{FL660}{FL145}$                 | (+/-) 5 NM              | ↓     |     | C               | BARCELONA ACC     |               |
| Δ                  | MAGAL<br>380424N 0001351W  |      |           | ALTET VOR/DME (ALT) 125° 19.8 60m     |                         |       |     |                 |                   |               |
| RNAV5              | 171°   | 351° | 5.2       | $\frac{FL660}{FL085}$                 | (+/-) 5 NM              | ↓     | ↑   | C/D             | BARCELONA ACC (2) |               |
| Δ                  | LIMTU<br>375915N 0001257W  |      |           | ALTET VOR/DME (ALT) 132° 23.2 60m     |                         |       |     |                 |                   |               |
| RNAV5              | 171°   | 351° | 53.3      | $\frac{FL660}{FL095}$                 | (+/-) 5 NM              | ↓     | ↑   | C/D             | BARCELONA ACC (3) |               |
| Δ                  | RINDI<br>370620N 0000349W  |      |           | MURCIA DVOR/DME (MUR) 128° 65.5 210m  |                         |       |     |                 |                   |               |
| RNAV5              | 171°   | 351° | 14.2      | $\frac{FL660}{FL095}$                 | (+/-) 5 NM              | ↓     | ↑   | C/D             | BARCELONA ACC (4) |               |
| ▲                  | HAMRA<br>365216N 0000125W  |      |           | MURCIA DVOR/DME (MUR) 135° 76.6 210m  |                         |       |     | Ver AIP Algeria |                   |               |
| (1)                | <u>Tramo DVOR/DME VLC-MAGAL</u><br>Requiere aprobación RNAV5 (GNSS).   |      |           |                                       |                         |       |     |                 |                   |               |
| (2)                | <u>Tramo MAGAL-LIMTU</u><br>- FL245-FL660: unidireccional IMPAR FL.  |      |           |                                       |                         |       |     |                 |                   |               |
| (3)                | <u>Tramo LIMTU-RINDI</u><br>- FL 245-FL660: unidireccional IMPAR FL.   |      |           |                                       |                         |       |     |                 |                   |               |

| Designador de ruta |  |   |           |                    |  |       |     |     |                |               |
|--------------------|--|---|-----------|--------------------|--|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                 |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV      |       |     |     |                |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |  | Impar | Par |     |                |               |
| (4)                | Tramo RINDI-HAMRA<br>- FL245-FL660: unidireccional IMPAR FL. |   |           |                    |  |       |     |     |                |               |
| <b>P75</b>         |  |   |           |                    |  |       |     |     |                |               |
| ▲                  | NENEM<br>440305N 0030901W                                    |   |           |                    | BILBAO DVOR/DME (BLV) 347° 45.9 30m    |       |     |     | Ver AIP France |               |
| RNAV5              | 199°   |   | 83.5      | FL660<br>FL195     | (+/-) 5 NM                             | ↓     |     | C   | MADRID ACC     |               |
| Δ                  | OMILU<br>424414N 0034650W                                    |   |           |                    | BURGOS VOR/DME (BUR) 342° 24.1 900m    |       |     |     |                |               |
| RNAV5              | 199°   |   | 45.0      | FL660<br>FL195     | (+/-) 5 NM                             | ↓     |     | C   | MADRID ACC     |               |
| Δ                  | TABANERA DEL CERRATO VOR/DME (NEA)<br>420139N 0040633W       |   |           |                    |  |       |     |     |                |               |
| <b>P84</b>         |  |   |           |                    |  |       |     |     |                |               |
| ▲                  | ALBER<br>422705N 0024956E                                    |   |           |                    | GERONA DVOR/DME (GIR) 003° 31.3 150m   |       |     |     | Ver AIP France |               |
| RNAV5              | 183°   |   | 31.3      | FL660<br>FL095     | (+/-) 5 NM                             | ↓     |     | C/D | BARCELONA ACC  |               |
| Δ                  | GERONA DVOR/DME (GIR)<br>415552N 0024619E                    |   |           |                    |  |       |     |     |                |               |
| RNAV5              | 181°   |   | 14.8      | FL660<br>FL195     | (+/-) 5 NM                             | ↓     |     | C   | BARCELONA ACC  |               |
| Δ                  | NENDA<br>414104N 0024505E                                    |   |           |                    | CALELLA DVOR/DME (CLE) 061° 5.9 420m   |       |     |     |                |               |
| RNAV5              | 180°   |   | 47.1      | FL660<br>FL195     | (+/-) 5 NM                             | ↓     |     | C   | BARCELONA ACC  |               |
| Δ                  | KUREG<br>405357N 0024308E                                    |   |           |                    | EL PRAT DVOR/DME (PRA) 126° 36.9 0m    |       |     |     |                |               |
| RNAV5              | 180°   |   | 24.0      | FL660<br>FL195     | (+/-) 5 NM                             | ↓     |     | C   | BARCELONA ACC  |               |
| Δ                  | LORES<br>403000N 0024209E                                    |   |           |                    | POLLENSA DVOR/DME (POS) 329° 39.2 360m |       |     |     |                |               |
| <b>P87</b>         |  |   |           |                    |  |       |     |     |                |               |
| Δ                  | BILBAO DVOR/DME (BLV)<br>431815N 0025531W                    |   |           |                    |  |       |     |     |                |               |
| RNAV5              | 011°   |   | 23.3      | FL660<br>FL095     | (+/-) 5 NM                             |       | ↓   | C/D | MADRID ACC     |               |
| Δ                  | BISKA<br>434100N 0024850W                                    |   |           |                    | BILBAO DVOR/DME (BLV) 011° 23.3 30m    |       |     |     |                |               |

| Designador de ruta |  |   |           |                    |                                     |       |     |     |                |               |
|--------------------|--|---|-----------|--------------------|-------------------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                               |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV   |       |     |     |                |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN             | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |                                     | Impar | Par |     |                |               |
| RNAV5              | 013°   |   | 3.3       | FL660<br>FL095     | (+/-) 5 NM                          |       | ↓   | C/D | MADRID ACC     | (1)           |
| Δ                  | BADRU<br>434411N 0024748W                                  |   |           |                    | BILBAO DVOR/DME (BLV) 012° 26.5 30m |       |     |     |                |               |
| RNAV5              | 013°   |   | 11.0      | FL660<br>FL095     | (+/-) 5 NM                          |       | ↓   | C/D | MADRID ACC     |               |
| ▲                  | BELEN<br>435451N 0024419W                                  |   |           |                    | BILBAO DVOR/DME (BLV) 013° 37.5 30m |       |     |     | Ver AIP France |               |
| (1)                | Tramo BISKA-BADRU<br>FL095-FL145: navegación convencional. |   |           |                    |                                     |       |     |     |                |               |

| P152  |   |      |      |                |  |   |   |     |               |     |
|-------|---|------|------|----------------|--|---|---|-----|---------------|-----|
| Δ     | POSSY<br>420341N 0000926E                   |      |      |                | HUESCA DVOR/DME (HUE) 090° 21.2 540m       |   |   |     |               |     |
| RNAV5 | 270°  | 090° | 21.3 | FL145<br>FL065 | (+/-) 5 NM                                 | ↓ | ↑ | C/D | BARCELONA ACC | (1) |
| Δ     | HUESCA DVOR/DME (HUE)<br>420424N 0001908W   |      |      |                |  |   |   |     |               |     |
| RNAV5 | 307°  | 127° | 10.0 | FL145<br>FL065 | (+/-) 5 NM                                 | ↓ | ↑ | C/D | MADRID ACC    |     |
| Δ     | VETAR<br>421041N 0002936W                   |      |      |                | HUESCA DVOR/DME (HUE) 308° 10.0 540m       |   |   |     |               |     |
| RNAV5 | 307°  | 127° | 30.6 | FL145<br>FL075 | (+/-) 5 NM                                 | ↓ | ↑ | C/D | MADRID ACC    |     |
| Δ     | RONKO<br>422945N 0010150W                   |      |      |                | PAMPLONA SUR DVOR/DME (PAP) 111° 30.2 570m |   |   |     |               |     |
| RNAV5 | 295°  | 115° | 16.7 | FL660<br>FL065 | (+/-) 5 NM                                 | ↓ | ↑ | C/D | MADRID ACC    | (2) |
| Δ     | GOSVI<br>423700N 0012210W                   |      |      |                | PAMPLONA SUR DVOR/DME (PAP) 107° 13.6 570m |   |   |     |               |     |
| RNAV5 | 294°  | 114° | 8.5  | FL660<br>FL065 | (+/-) 5 NM                                 | ↓ | ↑ | C/D | MADRID ACC    |     |
| Δ     | TURPU<br>424040N 0013233W                   |      |      |                | PAMPLONA SUR DVOR/DME (PAP) 096° 5.3 570m  |   |   |     |               |     |
| RNAV5 | 294°  | 114° | 7.8  | FL660<br>FL065 | (+/-) 5 NM                                 | ↓ | ↑ | C/D | MADRID ACC    |     |
| Δ     | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W |      |      |                |  |   |   |     |               |     |
| RNAV5 | 321°  | 141° | 12.8 | FL660<br>FL085 | (+/-) 5 NM                                 | ↑ | ↓ | C/D | MADRID ACC    |     |
| Δ     | PODUX<br>425404N 0015253W                   |      |      |                | PAMPLONA DVOR/DME (PPN) 321° 12.8 1050m    |   |   |     |               |     |

| Designador de ruta |  |      |           |  |                         |       |     |                |            |               |
|--------------------|--|------|-----------|--|-------------------------|-------|-----|----------------|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV              |                         |       |     |                |            |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                             | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC            | UNIDAD CTL | OBSERVACIONES |
|                    | ↓  | ↑    |           |  |                         | Impar | Par |                |            |               |
| RNAV5              | 321°   | 141° | 15.1      | FL660<br>FL085                                 | (+/-) 5 NM              | ↑     | ↓   | C/D            | MADRID ACC |               |
| Δ                  | BAGAS<br>430554N 0020541W  |      |           | SAN SEBASTIÁN DVOR/DME (SSN) 221° 17.2<br>240m |                         |       |     |                |            |               |
| RNAV5              | 321°   | 141° | 44.1      | FL660<br>FL095                                 | (+/-) 5 NM              | ↑     | ↓   | C/D            | MADRID ACC |               |
| Δ                  | BAPOR<br>434018N 0024328W  |      |           | BILBAO DVOR/DME (BLV) 019° 24.2 30m            |                         |       |     |                |            |               |
| RNAV5              | 320°   | 140° | 5.0       | FL660<br>FL115                                 | (+/-) 5 NM              | ↑     | ↓   | C/D            | MADRID ACC |               |
| Δ                  | BADRU<br>434411N 0024748W  |      |           | BILBAO DVOR/DME (BLV) 012° 26.5 30m            |                         |       |     |                |            |               |
| RNAV5              | 320°   | 140° | 24.3      | FL660<br>FL195                                 | (+/-) 5 NM              | ↑     | ↓   | C              | MADRID ACC |               |
| ▲                  | NENEM<br>440305N 0030901W  |      |           | BILBAO DVOR/DME (BLV) 347° 45.9 30m            |                         |       |     | Ver AIP France |            |               |
| (1)                | <b>Tramo POSSY-VETAR</b><br>- DME/DME requerido.<br>- GNSS requerido.  |      |           |  |                         |       |     |                |            |               |
| (2)                | <b>Tramo RONKO-DVOR/DME PPN</b><br>Sujeto a la actividad de las LED47A.<br>- FL365-FL660 / FL355-FL660 (FBZ incluida):<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL<355. |      |           |  |                         |       |     |                |            |               |
| <b>P181</b>        |  |      |           |  |                         |       |     |                |            |               |
| ▲                  | URUNA<br>432118N 0014425W  |      |           | SAN SEBASTIÁN DVOR/DME (SSN) 055° 4.7<br>240m  |                         |       |     | Ver AIP France |            |               |
| RNAV5              | 235°   | 055° | 4.7       | FL660<br>FL065                                 | (+/-) 5 NM              | ↓     | ↑   | C/D            | MADRID ACC | (1)           |
| Δ                  | SAN SEBASTIÁN DVOR/DME (SSN)<br>431840N 0014949W   |      |           |  |                         |       |     |                |            |               |
| RNAV5              | 232°   |      | 57.3      | FL660<br>FL145                                 | (+/-) 5 NM              | ↓     |     | C              | MADRID ACC |               |
| Δ                  | VITORIA VOR/DME (VRA)<br>424355N 0025156W  |      |           |  |                         |       |     |                |            |               |
| RNAV5              | 232°   |      | 69.6      | FL660<br>FL145                                 | (+/-) 5 NM              | ↓     |     | C              | MADRID ACC |               |
| Δ                  | TABANERA DEL CERRATO VOR/DME<br>(NEA)<br>420139N 0040633W  |      |           |  |                         |       |     |                |            |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                      |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV       |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                 | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                  |               |
| (1)                | Tramo URUNA-DVOR/DME SSN<br>FL065-FL145: navegación convencional. |      |           |                    |   |       |     |     |                  |               |
| <b>P600</b>        |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | LOTEE<br>443932N 0055012W   |      |           |                    | ASTURIAS DVOR/DME (VES) 007° 66.6 120m  |       |     |     | Ver AIP France   |               |
| RNAV5              | 229°  | 048° | 103.1     | FL245<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC       |               |
| Δ                  | MEGAT<br>432956N 0073547W   |      |           |                    | LA CORUÑA DVOR/DME (LRA) 080° 31.6 120m |       |     |     |                  |               |
| RNAV5              | 229°  | 049° | 50.0      | FL245<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC       |               |
| Δ                  | SANTIAGO DVOR/DME (STG)<br>425537N 0082531W                       |      |           |                    |   |       |     |     |                  |               |
| RNAV5              | 189°  | 009° | 24.8      | FL245<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC       |               |
| Δ                  | ASDEB<br>423057N 0082931W   |      |           |                    | VIGO DVOR/DME (VGO) 024° 12.7 270m      |       |     |     |                  |               |
| RNAV5              | 188°  | 008° | 27.1      | FL245<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC       |               |
| ▲                  | TURON<br>420405N 0083348W   |      |           |                    | VIGO DVOR/DME (VGO) 174° 15.3 270m      |       |     |     | Ver AIP Portugal |               |
| <b>Q42</b>         |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | NENEM<br>440305N 0030901W   |      |           |                    | BILBAO DVOR/DME (BLV) 347° 45.9 30m     |       |     |     | Ver AIP France   |               |
| RNAV5              | 222°  | 042° | 19.4      | FL195<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC       |               |
| ▲                  | XORNA<br>434845N 0032706W   |      |           |                    | SANTANDER DVOR/DME (SNR) 042° 29.3 60m  |       |     |     |                  |               |
| RNAV5              | 222°  | 042° | 29.3      | FL195<br>FL095     | (+/-) 5 NM                              | ↓     | ↑   | C/D | MADRID ACC       |               |
| Δ                  | SANTANDER DVOR/DME (SNR)<br>432659N 0035409W                      |      |           |                    |   |       |     |     |                  |               |
| <b>Q210</b>        |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | GARVU<br>421016N 0020440W   |      |           |                    | LOGROÑO DVOR/DME (LPA) 147° 20.6 360m   |       |     |     |                  |               |
| RNAV5              | 327°  | 147° | 20.6      | FL145<br>FL075     | (+/-) 5 NM                              | ↓     | ↑   | D   | MADRID ACC       | (1)           |
| Δ                  | LOGROÑO DVOR/DME (LPA)<br>422738N 0021937W                        |      |           |                    |   |       |     |     |                  |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |            |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV      |       |     |     |            |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |            |               |
| RNAV5              | 304°  | 124° | 28.9      | FL245<br>FL075     | (+/-) 5 NM                             | ↓     | ↑   | C/D | MADRID ACC | (2)           |
| Δ                  | VITORIA VOR/DME (VRA)<br>424355N 0025156W   |      |           |                    |  |       |     |     |            |               |
| RNAV5              | 313°  | 133° | 32.0      | FL245<br>FL095     | (+/-) 5 NM                             | ↓     | ↑   | C/D | MADRID ACC | (3)           |
| Δ                  | ROLES<br>430557N 0032328W   |      |           |                    | BILBAO DVOR/DME (BLV) 238° 23.8 30m    |       |     |     |            |               |
| RNAV5              | 313°  | 133° | 30.7      | FL245<br>FL095     | (+/-) 5 NM                             | ↓     | ↑   | C/D | MADRID ACC | (4)           |
| Δ                  | SANTANDER DVOR/DME (SNR)<br>432659N 0035409W  |      |           |                    |  |       |     |     |            |               |
| RNAV5              |   | 105° | 19.5      | FL245<br>FL095     | (+/-) 5 NM                             |       | ↑   | C/D | MADRID ACC | (5)           |
| Δ                  | JOCRE<br>433202N 0042000W   |      |           |                    | SANTANDER DVOR/DME (SNR) 285° 19.4 60m |       |     |     |            |               |
| RNAV5              |   | 104° | 46.2      | FL245<br>FL095     | (+/-) 5 NM                             |       | ↑   | C/D | MADRID ACC | (6)           |
| Δ                  | LEVNO<br>434334N 0052133W   |      |           |                    | ASTURIAS DVOR/DME (VES) 071° 30.0 120m |       |     |     |            |               |
| (1)                | <b>Tramo GARVU-DVOR/DME LPA</b><br>Por debajo de FL095 ver ENR 2.1 unidad ATS CTA LOGROÑO.  |      |           |                    |  |       |     |     |            |               |
| (2)                | <b>Tramo DVOR/DME LPA-DVOR/DME VRA</b><br>Por debajo de FL095 ver ENR 2.1 unidades ATS CTA LOGROÑO/VITORIA.   |      |           |                    |  |       |     |     |            |               |
| (3)                | <b>Tramo DVOR/DME VRA-ROLES</b><br>Por debajo de FL145 ver ENR 2.1 unidad ATSTMA BILBAO.<br>Por debajo de FL095 ver ENR 2.1 unidad ATS CTA VITORIA. |      |           |                    |  |       |     |     |            |               |
| (4)                | <b>Tramo ROLES-JOCRE</b><br>Por debajo de FL145 ver ENR 2.1 unidad ATSTMA SANTANDER.  |      |           |                    |  |       |     |     |            |               |
| (5)                | <b>Tramo DVOR/DME JOCRE-SNR</b><br>RNAV5 (DME/DME) DME SIE, SNR & VES críticos.<br>RNAV5 (DME/DME/IRU) DME SIE & SNR críticos.                      |      |           |                    |  |       |     |     |            |               |
| (6)                | <b>Tramo LEVNO-JOCRE</b><br>RNAV5 (DME/DME) DME SIE, SNR & VES críticos.<br>RNAV5 (DME/DME/IRU) DME SIE & SNR críticos.                             |      |           |                    |  |       |     |     |            |               |
| <b>Q255</b>        |   |      |           |                    |  |       |     |     |            |               |
| Δ                  | LUNIK<br>402623N 0032333E   |      |           |                    | POLLENSA DVOR/DME (POS) 020° 33.3 360m |       |     |     |            |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |               |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                    |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV         |                         |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                        | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |               |               |
| RNAV5              | 310°  |      | 15.2      | FL195<br>FL095                            | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | SISMO<br>403633N 0030845E                       |      |           | POLLENSA DVOR/DME (POS) 360° 40.9 360m    |                         |       |     |     |               |               |
| RNAV5              | 310°  |      | 15.4      | FL195<br>FL095                            | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | OSTUR<br>404651N 0025338E                       |      |           | EL PRAT DVOR/DME (PRA) 129° 47.6 0m       |                         |       |     |     |               |               |
| <b>Q279</b>        |   |      |           |   |                         |       |     |     |               |               |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 118°  | 298° | 101.4     | FL660<br>FL095                            | (+/-) 5 NM              | ↓     | ↑   | C/D | CANARIAS ACC  |               |
| ▲                  | COSTI<br>272136N 0134208W                       |      |           | FUERTEVENTURA DVOR/DME (FTV) 175° 64.9 0m |                         |       |     |     |               |               |
| RNAV5              | 120°  | 300° | 29.0      | FL660<br>FL095                            | (+/-) 5 NM              | ↓     | ↑   | C/F | CANARIAS ACC  | (1)           |
| ▲                  | LA AYOUNE VOR/DME (LAY)<br>270834N 0131305W     |      |           |   |                         |       |     |     |               |               |
| (1)                | FL195-FL660 Clase C,<br>FL095-FL195 Clase F.    |      |           |   |                         |       |     |     |               |               |
| <b>Q700</b>        |   |      |           |   |                         |       |     |     |               |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E    |      |           |   |                         |       |     |     |               |               |
| RNAV5              | 117°  |      | 54.5      | FL195<br>FL095                            | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | DUNES<br>405150N 0030927E                       |      |           | CALELLA DVOR/DME (CLE) 151° 52.2 420m     |                         |       |     |     |               |               |
| RNAV5              | 118°  |      | 43.9      | FL195<br>FL095                            | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | SARGO<br>403000N 0035931E                       |      |           | MENORCA DVOR/DME (MHN) 343° 39.6 90m      |                         |       |     |     |               |               |
| <b>T3</b>          |   |      |           |   |                         |       |     |     |               |               |
| Δ                  | FINAM<br>422520N 0072319W                       |      |           | VIGO DVOR/DME (VGO) 084° 54.1 270m        |                         |       |     |     |               |               |
| RNAV5              | 221°  |      | 25.1      | FL245<br>FL105                            | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC    | (1)           |
| Δ                  | BEDAL<br>420617N 0074514W                       |      |           | VIGO DVOR/DME (VGO) 110° 39.9 270m        |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                  |               |
| RNAV5              | 221°  |      | 22.7      | FL245<br>FL105     | (+/-) 5 NM  | ↓     |     | C/D | MADRID ACC       |               |
| ▲                  | ASPOR<br>414854N 0080452W                                     |      |           |                    | VIGO DVOR/DME (VGO) 142° 38.2 270m                    |       |     |     | Ver AIP Portugal |               |
| (1)                | <u>Tramo FINAM-BEDAL</u><br>Requiere aprobación RNAV5 (GNSS). |      |           |                    |   |       |     |     |                  |               |
| <b>T5</b>          |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | MALIS<br>415120N 0073617W                                     |      |           |                    | VIGO DVOR/DME (VGO) 123° 52.5 270m                    |       |     |     | Ver AIP Portugal |               |
| RNAV5              |   | 236° | 36.1      | FL245<br>FL105     | (+/-) 5 NM  | ↑     |     | C/D | MADRID ACC       | (1)           |
| Δ                  | BARKO<br>421202N 0065641W                                     |      |           |                    | LEÓN DVOR/DME (EON) 248° 62.2 930m                    |       |     |     |                  |               |
| (1)                | <u>Tramo MALIS-BARKO</u><br>Requiere aprobación RNAV5 (GNSS). |      |           |                    |   |       |     |     |                  |               |
| <b>T100</b>        |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | ORTOP<br>360136N 0072300W                                     |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>260° 69.5 210m |       |     |     | Ver AIP Portugal |               |
| RNAV5              | 101°  | 281° | 33.9      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC      | (1)           |
| Δ                  | TUTIS<br>355520N 0064159W                                     |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>242° 40.0 210m |       |     |     |                  |               |
| RNAV5              | 089°  | 269° | 10.6      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | TAVSI<br>355538N 0062853W                                     |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>233° 30.9 210m |       |     |     |                  |               |
| RNAV5              | 089°  | 269° | 15.0      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | XULIM<br>355601N 0061028W                                     |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>208° 20.7 210m |       |     |     |                  |               |
| RNAV5              | 089°  | 269° | 10.6      | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| Δ                  | AMPIR<br>355615N 0055723W                                     |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>177° 18.1 210m |       |     |     |                  |               |
| RNAV5              | 081°  | 261° | 8.8       | FL660<br>FL095     | (+/-) 5 NM  | ↑     | ↓   | C/D | SEVILLA ACC      | (2)           |
| Δ                  | SOVIS<br>355736N 0054638W                                     |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>150° 19.3 210m |       |     |     |                  |               |

| Designador de ruta |                              |      |           |  |                         |       |     |     |               |               |
|--------------------|------------------------------|------|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |                         |       |     |     |               |               |
| NAV                | TR MAG                       |      | DIST (NM) | LÍMITES VERTICALES                                 | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓                            | ↑    |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 081°                         | 261° | 51.8      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | GOSOS<br>360513N 0044332W    |      |           | MÁLAGA AEROPUERTO SUR DVOR/DME (MLG) 196° 37.1 30m |                         |       |     |     |               |               |
| RNAV5              | 085°                         | 265° | 90.1      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   | (3)           |
| Δ                  | GONZA<br>361217N 0025237W    |      |           | ALMERÍA VOR/DME (AMR) 217° 48.1 90m                |                         |       |     |     |               |               |
| RNAV5              | 075°                         | 255° | 41.1      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | GOLFO<br>362204N 0020317W    |      |           | ALMERÍA VOR/DME (AMR) 159° 29.6 90m                |                         |       |     |     |               |               |
| RNAV5              | 070°                         | 250° | 42.9      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC | (4)           |
| Δ                  | MIMDI<br>363600N 0011300W    |      |           | ALMERÍA VOR/DME (AMR) 104° 52.1 90m                |                         |       |     |     |               |               |
| RNAV5              | 060°                         | 240° | 63.3      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC | (5)           |
| Δ                  | RINDI<br>370620N 0000349W    |      |           | MURCIA DVOR/DME (MUR) 128° 65.5 210m               |                         |       |     |     |               |               |
| RNAV5              | 061°                         | 241° | 46.6      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | XENVO<br>372816N 0004746E    |      |           | ALTET VOR/DME (ALT) 125° 80.5 60m                  |                         |       |     |     |               |               |
| RNAV5              | 061°                         | 241° | 36.6      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | PIDUD<br>374512N 0012834E    |      |           |  |                         |       |     |     |               |               |
| RNAV5              | 061°                         | 241° | 54.5      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | PIMAD<br>381000N 0023000E    |      |           | MALLORCA DVOR/DME (MJV) 187° 77.1 150m             |                         |       |     |     |               |               |
| RNAV5              | 047°                         | 227° | 22.0      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC | (6)           |
| Δ                  | XARON<br>382418N 0025114E    |      |           | MALLORCA DVOR/DME (MJV) 174° 62.0 150m             |                         |       |     |     |               |               |
| RNAV5              | 048°                         | 228° | 17.8      | FL660<br>FL095                                     | (+/-) 5 NM              | ↑     | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | XESPA<br>383549N 0030830E    |      |           | MALLORCA DVOR/DME (MJV) 158° 53.4 150m             |                         |       |     |     |               |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |                |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV         |       |     |     |                |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                   | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |                |               |
| RNAV5              | 048°   | 228° | 58.0      | FL660<br>FL095     | (+/-) 5 NM                                | ↑     | ↓   | C/D | BARCELONA ACC  |               |
| Δ                  | MAMOM<br>391303N 0040527E  |      |           |                    | MENORCA DVOR/DME (MHN) 186° 39.2 90m      |       |     |     |                |               |
| RNAV5              | 048°   | 228° | 34.7      | FL660<br>FL095     | (+/-) 5 NM                                | ↑     | ↓   | C/D | BARCELONA ACC  |               |
| ▲                  | SOTAX<br>393506N 0044000E  |      |           |                    | MENORCA DVOR/DME (MHN) 129° 26.7 90m      |       |     |     | Ver AIP France |               |
| (1)                | <p><b>Tramo ORTOP-TUTIS</b><br/>Sujeto a la actividad de la LED122.<br/>- PERM: MON-SUN</p> <p><b>Tramo ORTOP-GOLFO</b><br/>TFC OAT contactará con FREQ Sevilla ACC (sector civil).</p>  |      |           |                    |   |       |     |     |                |               |
| (2)                | <p><b>Tramo AMPIR-GOSOS</b><br/>Utilizable para vuelo RNAV para aeronaves cuyo FMS no utilice DME como fuente primaria de cálculo de datos.</p>  |      |           |                    |   |       |     |     |                |               |
| (3)                | <p><b>Tramo GOSOS-MIMDI</b><br/>Sujeto a la actividad de las LED166, LED167, LED168 y LED169.<br/>- PERM: MON-SUN</p>  |      |           |                    |   |       |     |     |                |               |
| (4)                | <p><b>Tramo GOLFO-SOTAX</b><br/>TFC OAT contactará con FREQ Barcelona ACC (sector civil).</p> <p><b>Tramo GOLFO-RINDI</b><br/>Requiere aprobacion RNAV5 (GNSS).</p>                      |      |           |                    |   |       |     |     |                |               |
| (5)                | <p><b>Tramo MIMDI-PIMAD</b><br/>Sujeto a la actividad de la LED26.<br/>- PERM: MON-SUN</p> <p><b>Tramo MIMDI-RINDI</b><br/>Sujeto a la actividad de la LED97A/B.<br/>- PERM: MON-SUN</p> |      |           |                    |   |       |     |     |                |               |
| (6)                | <p><b>Tramo PIMAD-XARON</b><br/>Requiere aprobación RNAV5 (GNSS).</p>  |      |           |                    |   |       |     |     |                |               |
| T113               |  |      |           |                    |   |       |     |     |                |               |
| ▲                  | RUTIP<br>422839N 0012614E  |      |           |                    | SABADELL DVOR/DME (SLL) 331° 64.9 150m    |       |     |     | Ver AIP France |               |
| RNAV5              |  | 012° | 21.1      | FL660<br>FL155     | (+/-) 5 NM                                |       | ↑   | C   | BARCELONA ACC  |               |
| Δ                  | SINDO<br>420810N 0011925E  |      |           |                    | VILLAFRANCA DVOR/DME (VLA) 346° 48.7 660m |       |     |     |                |               |
| RNAV5              |  | 012° | 36.6      | FL660<br>FL155     | (+/-) 5 NM                                |       | ↑   | C   | BARCELONA ACC  |               |
| Δ                  | ARBEK<br>413238N 0010747E  |      |           |                    | VILLAFRANCA DVOR/DME (VLA) 301° 22.4 660m |       |     |     |                |               |

| Designador de ruta |  |      |           |                    |                                       |       |     |     |             |               |
|--------------------|--|------|-----------|--------------------|---------------------------------------|-------|-----|-----|-------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |             |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL  | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |                                       | Impar | Par |     |             |               |
| <b>T245</b>        |  |      |           |                    |                                       |       |     |     |             |               |
| Δ                  | KUKAL<br>375207N 0042851W  |      |           |                    | CÓRDOBA DVOR/DME (CDB) 085° 17.5 90m  |       |     |     |             |               |
| RNAV5              | 086°   | 266° | 75.5      | FL660<br>FL145     | (+/-) 5 NM                            | ↑     | ↓   | C   | SEVILLA ACC | (1)           |
| Δ                  | MAMIS<br>375717N 0025342W  |      |           |                    | YESTE DVOR/DME (YES) 226° 35.4 1440m  |       |     |     |             |               |
| RNAV5              | 086°   |      | 18.6      | FL660<br>FL145     | (+/-) 5 NM                            |       | ↓   | C   | SEVILLA ACC | (2)           |
| Δ                  | BUDIT<br>375821N 0023016W  |      |           |                    | YESTE DVOR/DME (YES) 196° 24.4 1440m  |       |     |     |             |               |
| (1)                | <p><b>Tramo KUKAL-MAMIS</b><br/>                     Sujeto a la actividad de la LED98.<br/>                     - <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     - <b>Ruta ALTN:</b> SVL M744 MGA M985 MAMIS.</p>  |      |           |                    |                                       |       |     |     |             |               |
| (2)                | <p><b>Tramo MAMIS-BUDIT</b><br/>                     Sujeto a la actividad de la LER63.<br/>                     - FL145-FL345:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> MAMIS M985 VLC.</p> <p>Sujeto a la actividad de la LED97A.<br/>                     - FL345-FL660:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b> MAMIS M985 VLC.</p> |      |           |                    |                                       |       |     |     |             |               |
| <b>T249</b>        |  |      |           |                    |                                       |       |     |     |             |               |
| Δ                  | VIBAS<br>372332N 0033751W  |      |           |                    | GRANADA DVOR/DME (GDA) 054° 21.3 600m |       |     |     |             |               |
| RNAV5              | 068°   |      | 31.1      | FL660<br>FL145     | (+/-) 5 NM                            |       | ↓   | C   | SEVILLA ACC | (1)           |
| Δ                  | ARPEX<br>373447N 0030127W  |      |           |                    | BAILÉN VOR/DME (BLN) 139° 44.6 540m   |       |     |     |             |               |

| Designador de ruta |   |   |           |                    |                                      |       |     |     |                   |               |
|--------------------|---|---|-----------|--------------------|--------------------------------------|-------|-----|-----|-------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV    |       |     |     |                   |               |
| NAV                | TR MAG  |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN              | DCL   |     | ASC | UNIDAD CTL        | OBSERVACIONES |
|                    | ↓   | ↑ |           |                    |                                      | Impar | Par |     |                   |               |
| (1)                | <p><b>Tramo VIBAS-ARPEX</b><br/>Sujeto a la actividad de la LER63.<br/>- FL145-FL345:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> VIBAS M985 VLC.</p> <p>Sujeto a la actividad de la LED97A.<br/>- FL345-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> VIBAS M985 VLC.</p> |   |           |                    |                                      |       |     |     |                   |               |
| <b>T250</b>        |   |   |           |                    |                                      |       |     |     |                   |               |
| ▲                  | RIXOT<br>402328N 0044000E   |   |           |                    | MENORCA DVOR/DME (MHN) 031° 37.8 90m |       |     |     | Ver AIP France    |               |
| RNAV5              | 231°  |   | 70.4      | FL660<br>FL145     | (+/-) 5 NM                           | ↓     |     | C   | BARCELONA ACC (1) |               |
| Δ                  | CAPDEPERA DVOR/DME (CDP)<br>394152N 0032604E  |   |           |                    |                                      |       |     |     |                   |               |
| RNAV5              | 241°  |   | 35.1      | FL660<br>FL095     | (+/-) 5 NM                           | ↓     |     | C/D | BARCELONA ACC     |               |
| Δ                  | MALLORCA DVOR/DME (MJV)<br>392607N 0024530E   |   |           |                    |                                      |       |     |     |                   |               |
| (1)                | <p><b>Tramo RIXOT-DVOR/DME MJV</b><br/>Por debajo de FL245 ver ENR2.1 Unidad ATS TMA PALMA.</p>   |   |           |                    |                                      |       |     |     |                   |               |
| <b>T252</b>        |   |   |           |                    |                                      |       |     |     |                   |               |
| Δ                  | ETURA<br>381229N 0021119W   |   |           |                    | YESTE DVOR/DME (YES) 139° 12.0 1440m |       |     |     |                   |               |
| RNAV5              | 013°  |   | 19.3      | FL660<br>FL145     | (+/-) 5 NM                           | ↓     |     | C   | SEVILLA ACC (1)   |               |
| Δ                  | XEBAR<br>383116N 0020534W   |   |           |                    | YESTE DVOR/DME (YES) 051° 15.6 1440m |       |     |     |                   |               |
| (1)                | <p><b>Tramo ETURA-XEBAR</b><br/>Sujeto a la actividad de la LER63.<br/>- FL145-FL345:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MGA M985 VLC.</p> <p>Sujeto a la actividad de la LED97A.<br/>- FL345-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> MGA M985 VLC.</p>     |   |           |                    |                                      |       |     |     |                   |               |

| Designador de ruta |  |   |           |                    |  |       |     |     |               |               |
|--------------------|--|---|-----------|--------------------|--|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV          |       |     |     |               |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                    | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |  | Impar | Par |     |               |               |
| <b>T257</b>        |  |   |           |                    |  |       |     |     |               |               |
| Δ                  | NANDO<br>395920N 0021028W  |   |           |                    | CASTEJÓN DVOR/DME (CJN) 143° 28.6<br>1080m |       |     |     |               |               |
| RNAV5              | 118°   |   | 33.0      | FL660<br>FL155     | (+/-) 5 NM                                 |       | ↓   | C   | MADRID ACC    | (1)           |
| Δ                  | FENXE<br>394320N 0013256W  |   |           |                    | CALLES DVOR/DME (CLS) 271° 26.0 570m       |       |     |     |               |               |
| RNAV5              | 118°   |   | 21.2      | FL660<br>FL155     | (+/-) 5 NM                                 |       | ↓   | C   | MADRID ACC    |               |
| Δ                  | MABUX<br>393257N 0010859W  |   |           |                    | CALLES DVOR/DME (CLS) 217° 12.1 570m       |       |     |     |               |               |
| RNAV5              | 118°   |   | 12.9      | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | RETBA<br>392637N 0005432W  |   |           |                    | CALLES DVOR/DME (CLS) 166° 16.2 570m       |       |     |     |               |               |
| RNAV5              | 118°   |   | 3.8       | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | MOPIR<br>392445N 0005016W  |   |           |                    | VALENCIA DVOR/DME (VLC) 254° 17.0 60m      |       |     |     |               |               |
| RNAV5              | 118°   |   | 15.7      | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | LASPO<br>391657N 0003240W  |   |           |                    | VALENCIA DVOR/DME (VLC) 192° 12.5 60m      |       |     |     |               |               |
| RNAV5              | 112°   |   | 5.3       | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↓   | C   | BARCELONA ACC | (2)           |
| Δ                  | RIPUX<br>391448N 0002623W  |   |           |                    | VALENCIA DVOR/DME (VLC) 171° 14.5 60m      |       |     |     |               |               |
| RNAV5              | 113°   |   | 47.3      | FL660<br>FL145     | (+/-) 5 NM                                 |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | URIPO<br>385527N 0002900E  |   |           |                    | VALENCIA DVOR/DME (VLC) 125° 56.2 60m      |       |     |     |               |               |
| (1)                | <b>Tramo NANDO-MABUX</b><br>Sujeto a la actividad de la LED132.<br>- FL155-FL460:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> NANDO M871 MABUX. |   |           |                    |  |       |     |     |               |               |
| (2)                | <b>Tramo LASPO-URIPO</b><br>Requiere aprobación RNAV5 (GNSS).  |   |           |                    |  |       |     |     |               |               |
| <b>T274</b>        |  |   |           |                    |  |       |     |     |               |               |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W  |   |           |                    |  |       |     |     |               |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV      |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |                  |               |
| RNAV5              | 305°  | 125° | 52.3      | FL660<br>FL095     | (+/-) 5 NM                             | ↑     | ↓   | C/D | CANARIAS ACC     |               |
| Δ                  | TENERIFE NORTE DVOR/DME (TFN)<br>283213N 0161608W   |      |           |                    |  |       |     |     |                  |               |
| <b>T312</b>        |   |      |           |                    |  |       |     |     |                  | (1)           |
| Δ                  | KOSEL<br>374517N 0024737W   |      |           |                    | YESTE DVOR/DME (YES) 209° 41.9 1440m   |       |     |     |                  |               |
| RNAV5              |   | 086° | 18.7      | FL660<br>FL145     | (+/-) 5 NM                             |       | ↑   | C   | SEVILLA ACC      | (2)           |
| Δ                  | BAZAS<br>374404N 0031107W   |      |           |                    | BAILÉN VOR/DME (BLN) 139° 32.6 540m    |       |     |     |                  |               |
| RNAV5              | 266°  | 085° | 98.7      | FL660<br>FL145     | (+/-) 5 NM                             | ↓     | ↑   | C   | SEVILLA ACC      | (3)           |
| Δ                  | AMOTA<br>373620N 0051506W   |      |           |                    | CÓRDOBA DVOR/DME (CDB) 233° 24.0 90m   |       |     |     |                  |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).   |      |           |                    |  |       |     |     |                  |               |
| (2)                | <p><b>Tramo KOSEL-BAZAS</b><br/>Sujeto a la actividad de la LER63.<br/>- FL145-FL345:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> VLC M985 BAZAS.</p> <p>Sujeto a la actividad de la LED97A.<br/>- FL345-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> VLC M985 BAZAS.</p> |      |           |                    |  |       |     |     |                  |               |
| (3)                | <p><b>Tramo BAZAS-AMOTA</b><br/>Sujeto a la actividad de la LED98.<br/>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- <b>Ruta ALTN:</b> BAZAS M985 MGA M744 SVL.</p>  |      |           |                    |  |       |     |     |                  |               |
| <b>T326</b>        |   |      |           |                    |  |       |     |     |                  |               |
| Δ                  | INSID<br>421632N 0070539W   |      |           |                    | LEÓN DVOR/DME (EON) 254° 67.0 930m     |       |     |     |                  |               |
| RNAV5              | 239°  |      | 52.1      | FL245<br>FL095     | (+/-) 5 NM                             | ↓     |     | C/D | MADRID ACC       |               |
| ▲                  | ASPOR<br>414854N 0080452W   |      |           |                    | VIGO DVOR/DME (VGO) 142° 38.2 270m     |       |     |     | Ver AIP Portugal |               |
| <b>T328</b>        |   |      |           |                    |  |       |     |     |                  |               |
| Δ                  | ELTEP<br>423659N 0074701W   |      |           |                    | SANTIAGO DVOR/DME (STG) 124° 33.9 390m |       |     |     |                  |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV           |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                     | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                  |               |
| RNAV5              | 196°  |      | 49.9      | FL245<br>FL095     | (+/-) 5 NM                                  | ↓     |     | C/D | MADRID ACC       |               |
| ▲                  | ASPOR<br>414854N 0080452W   |      |           |                    | VIGO DVOR/DME (VGO) 142° 38.2 270m          |       |     |     | Ver AIP Portugal |               |
| <b>T410</b>        |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | ARBEK<br>413238N 0010747E   |      |           |                    | VILLAFRANCA DVOR/DME (VLA) 301° 22.4 660m   |       |     |     |                  |               |
| RNAV5              |   | 268° | 16.8      | FL660<br>FL195     | (+/-) 5 NM                                  | ↑     |     | C   | BARCELONA ACC    |               |
| Δ                  | VIBOK<br>413249N 0013007E   |      |           |                    | VILLAFRANCA DVOR/DME (VLA) 349° 12.4 660m   |       |     |     |                  |               |
| RNAV5              |   | 272° | 27.4      | FL660<br>FL145     | (+/-) 5 NM                                  | ↑     |     | C   | BARCELONA ACC    |               |
| Δ                  | SABADELL DVOR/DME (SLL)<br>413111N 0020635E                         |      |           |                    |   |       |     |     |                  |               |
| RNAV5              |   | 240° | 55.6      | FL660<br>FL145     | (+/-) 5 NM                                  | ↑     |     | C   | BARCELONA ACC    |               |
| Δ                  | BAGUR DVOR/DME (BGR)<br>415652N 0031232E                            |      |           |                    |   |       |     |     |                  |               |
| <b>T412</b>        |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | LOTOS<br>403259N 0010011E   |      |           |                    | REUS DVOR/DME (RES) 190° 36.4 60m           |       |     |     |                  |               |
| RNAV5              | 243°  | 063° | 24.4      | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     | ↑   | C/D | BARCELONA ACC    |               |
| Δ                  | NAVAR<br>402236N 0003118E   |      |           |                    | CASTELLÓN DVOR/DME (CTN) 063° 22.0 360m     |       |     |     |                  |               |
| RNAV5              | 243°  | 063° | 8.6       | FL660<br>FL095     | (+/-) 5 NM                                  | ↓     | ↑   | C/D | BARCELONA ACC    | (1)           |
| Δ                  | ASDIR<br>401855N 0002108E   |      |           |                    | CASTELLÓN DVOR/DME (CTN) 063° 13.4 360m     |       |     |     |                  |               |
| (1)                | Tramo NAVAR-ASDIR<br>FL095-FL145: responsabilidad de VALENCIA TACC. |      |           |                    |   |       |     |     |                  |               |
| <b>T424</b>        |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | ARVID<br>430434N 0012753W   |      |           |                    | SAN SEBASTIÁN DVOR/DME (SSN) 130° 21.4 240m |       |     |     | Ver AIP France   |               |
| RNAV5              | 206°  |      | 23.0      | FL660<br>FL195     | (+/-) 5 NM                                  | ↓     |     | C   | MADRID ACC       |               |
| Δ                  | PAMPLONA DVOR/DME (PPN)<br>424402N 0014207W                         |      |           |                    |   |       |     |     |                  |               |

| Designador de ruta |   |      |           |   |                         |       |     |     |                |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV             |                         |       |     |     |                |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                            | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL     | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |                |               |
| <b>T429</b>        |   |      |           |   |                         |       |     |     |                |               |
| Δ                  | BILBAO DVOR/DME (BLV)<br>431815N 0025531W   |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 175°  | 355° | 34.4      | $\frac{FL145}{FL095}$                         | (+/-) 5 NM              | ↓     | ↑   | D   | MADRID ACC     |               |
| Δ                  | VITORIA VOR/DME (VRA)<br>424355N 0025156W   |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 182°  | 002° | 16.7      | $\frac{FL145}{FL095}$                         | (+/-) 5 NM              | ↓     | ↑   | D   | MADRID ACC     |               |
| Δ                  | DOMINGO DVOR/DME (DGO)<br>422712N 0025251W  |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 088°  |      | 24.6      | $\frac{FL660}{FL145}$                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     | (1) (2)       |
| Δ                  | LOGROÑO DVOR/DME (LPA)<br>422738N 0021937W  |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 077°  |      | 43.5      | $\frac{FL660}{FL145}$                         | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC     |               |
| Δ                  | GOSVI<br>423700N 0012210W   |      |           | PAMPLONA SUR DVOR/DME (PAP) 107° 13.6<br>570m |                         |       |     |     |                |               |
| RNAV5              | 077°  |      | 53.1      | $\frac{FL660}{FL195}$                         | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC     |               |
| ▲                  | TOPTU<br>424748N 0001137W   |      |           | HUESCA DVOR/DME (HUE) 006° 43.8 540m          |                         |       |     |     | Ver AIP France |               |
| (1)                | <b>Tramo DVOR/DME DGO-TOPTU</b><br>Requiere aprobación RNAV5 (GNSS).  |      |           |   |                         |       |     |     |                |               |
| (2)                | <b>Tramo DVOR/DME DGO-TOPTU</b><br>Sujeto a la actividad de la LED47A.<br>- FL365-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL< 365. |      |           |   |                         |       |     |     |                |               |
| <b>T430</b>        |   |      |           |   |                         |       |     |     |                |               |
| Δ                  | SOMOSIERRA DVOR/DME (SIE)<br>410906N 0033617W   |      |           |   |                         |       |     |     |                |               |
| RNAV5              | 035°  |      | 26.1      | $\frac{FL660}{11500 \text{ ft AMSL}}$         | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC     |               |
| Δ                  | BASIM<br>413016N 0031600W   |      |           | SOMOSIERRA DVOR/DME (SIE) 035° 26.1<br>1680m  |                         |       |     |     |                |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                                      |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV          |                         |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                         | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 035°  |      | 16.7      | FL660<br>FL115                             | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | GASMO<br>414346N 0030256W   |      |           | BARAHONA DVOR/DME (BAN) 322° 30.8<br>1140m |                         |       |     |     |               |               |
| RNAV5              | 036°  |      | 32.8      | FL660<br>FL105                             | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | VABAR<br>421016N 0023655W   |      |           | DOMINGO DVOR/DME (DGO) 144° 20.6 660m      |                         |       |     |     |               |               |
| RNAV5              | 036°  |      | 21.6      | FL660<br>FL105                             | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | LOGROÑO DVOR/DME (LPA)<br>422738N 0021937W                        |      |           |  |                         |       |     |     |               |               |
| RNAV5              | 036°  | 216° | 12.8      | FL145<br>FL095                             | (+/-) 5 NM              | ↑     | ↓   | D   | MADRID ACC    |               |
| Δ                  | MIRPO<br>423752N 0020919W   |      |           | LOGROÑO DVOR/DME (LPA) 036° 12.8 360m      |                         |       |     |     |               |               |
| RNAV5              | 036°  | 216° | 16.0      | FL145<br>FL085                             | (+/-) 5 NM              | ↑     | ↓   | D   | MADRID ACC    |               |
| Δ                  | MALOB<br>425042N 0015619W   |      |           | PAMPLONA DVOR/DME (PPN) 302° 12.4<br>1050m |                         |       |     |     |               |               |
| CONV               | 036°  | 216° | 4.2       | FL145<br>FL085                             |                         | ↑     | ↓   | D   | MADRID ACC    | (1)           |
| Δ                  | PODUX<br>425404N 0015253W   |      |           | PAMPLONA DVOR/DME (PPN) 321° 12.8<br>1050m |                         |       |     |     |               |               |
| RNAV5              | 036°  | 216° | 8.6       | FL145<br>FL085                             | (+/-) 5 NM              | ↑     | ↓   | D   | MADRID ACC    |               |
| Δ                  | DITOP<br>430056N 0014552W   |      |           | PAMPLONA DVOR/DME (PPN) 350° 17.1<br>1050m |                         |       |     |     |               |               |
| (1)                | <u>Tramo MALOB-PODUX</u><br>FL085-FL145: navegación convencional. |      |           |  |                         |       |     |     |               |               |
| <b>T520</b>        |   |      |           |  |                         |       |     |     |               |               |
| Δ                  | RAMON<br>410033N 0001707W   |      |           | MAELLA DVOR/DME (MLA) 249° 21.6 360m       |                         |       |     |     |               |               |
| RNAV5              | 258°  |      | 18.5      | FL660<br>FL145                             | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | RUBEO<br>405715N 0004111W   |      |           | CALAMOCHA VOR/DME (CMA) 078° 28.2<br>960m  |                         |       |     |     |               |               |
| RNAV5              | 258°  |      | 28.3      | FL660<br>FL145                             | (+/-) 5 NM              | ↓     |     | C   | MADRID ACC    |               |

| Designador de ruta |   |      |           |                    |  |       |     |     |               |               |
|--------------------|---|------|-----------|--------------------|--|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV        |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                  | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |  | Impar | Par |     |               |               |
| Δ                  | CALAMOCHA VOR/DME (CMA)<br>405202N 0011753W   |      |           |                    |  |       |     |     |               |               |
| <b>T600</b>        |   |      |           |                    |  |       |     |     |               |               |
| Δ                  | PONEN<br>412114N 0003251W   |      |           |                    | ZARAGOZA VOR/DME (ZAR) 129° 28.4 270m    |       |     |     |               |               |
| RNAV5              | 097°  |      | 34.2      | FL660<br>FL145     | (+/-) 5 NM                               |       | ↓   | C   | BARCELONA ACC | (1)           |
| Δ                  | CASPE<br>411606N 0001158E   |      |           |                    | MAELLA DVOR/DME (MLA) 009° 8.5 360m      |       |     |     |               |               |
| RNAV5              | 098°  |      | 44.6      | FL660<br>FL145     | (+/-) 5 NM                               |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | UMURE<br>410859N 0011016E   |      |           |                    | REUS DVOR/DME (RES) 047° 0.5 60m         |       |     |     |               |               |
| (1)                | <p><b>Tramo PONEN-UMURE</b><br/>Sujeto a la actividad de la LED47B.<br/>- FL365-FL660:<br/>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>• <b>Ruta ALTN:</b> RFL &lt; 365.</p>   |      |           |                    |  |       |     |     |               |               |
| <b>T770</b>        |   |      |           |                    |  |       |     |     |               |               |
| Δ                  | TENERIFE SUR DVOR/DME (TFS)<br>280009N 0164117W   |      |           |                    |  |       |     |     |               |               |
| RNAV5              | 200°  | 020° | 68.9      | FL660<br>FL095     | (+/-) 5 NM                               | ↓     | ↑   | C/D | CANARIAS ACC  | (1)           |
| Δ                  | URQUI<br>265341N 0170224W   |      |           |                    | LA GOMERA DVOR/DME (LGM) 176° 68.7 210m  |       |     |     |               |               |
| RNAV5              | 200°  | 020° | 117.7     | FL660<br>FL095     | (+/-) 5 NM                               | ↑     | ↓   | C/D | CANARIAS ACC  | (2) (3)       |
| Δ                  | LIMAL<br>250000N 0173732W   |      |           |                    | LA GOMERA DVOR/DME (LGM) 191° 183.2 210m |       |     |     |               |               |
| (1)                | <p><b>Tramo DVOR/DME TFS-URQUI</b><br/>Sujeto a la actividad de las GCD79D/TW.<br/>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- <b>Ruta ALTN:</b><br/>• LIMAL N873 GDV<br/>• APASO N866 GOMER<br/>• BIPET N857 DEREV N729 GDV</p> |      |           |                    |  |       |     |     |               |               |

| Designador de ruta |  |      |           |                    |  |       |     |     |                 |               |
|--------------------|--|------|-----------|--------------------|--|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                    |       |     |     |                 |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                              | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |  | Impar | Par |     |                 |               |
| (2)                | <b>Tramo LIMAL-URQUI</b><br>Requiere aprobación RNAV5 (GNSS).  |      |           |                    |  |       |     |     |                 |               |
| (3)                | <b>Tramo URQUI-LIMAL</b><br>Sujeto a la actividad de las GCD79T/W.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN:<br>• LIMAL N873 GDV<br>• APASO N866 GOMER<br>• BIPET N857 DEREV N729 GDV |      |           |                    |  |       |     |     |                 |               |
| <b>T975</b>        |  |      |           |                    |  |       |     |     |                 |               |
| ▲                  | ECHED<br>274000N 0103100W  |      |           |                    | LANZAROTE AEROPUERTO DVOR/DME (LTE)<br>117° 180.3 0m |       |     |     | Ver AIP Senegal |               |
| RNAV5              | 202°   | 022° | 106.1     | FL245<br>FL145     | (+/-) 5 NM   | ↑     | ↓   | C/F | CANARIAS ACC    |               |
| ▲                  | CARIM<br>260000N 0111142W  |      |           |                    | FUERTEVENTURA DVOR/DME (FTV) 138°<br>204.0 0m        |       |     |     | Ver AIP Morocco |               |
| (1)                | FL245/FL195 Clase C,<br>FL195/FL145 Clase F.<br><br>Requiere aprobación RNAV5 (GNSS).  |      |           |                    |  |       |     |     |                 |               |
| <b>Y27</b>         |  |      |           |                    |  |       |     |     |                 |               |
| Δ                  | KUVAN<br>430640N 0061901W  |      |           |                    | ASTURIAS DVOR/DME (VES) 207° 30.0 120m               |       |     |     |                 |               |
| RNAV5              | 162°   |      | 21.7      | FL245<br>FL105     | (+/-) 5 NM   | ↓     |     | C/D | MADRID ACC (1)  |               |
| Δ                  | LARVO<br>424602N 0060952W  |      |           |                    | LEÓN DVOR/DME (EON) 295° 25.1 930m                   |       |     |     |                 |               |
| RNAV5              | 163°   |      | 77.8      | FL245<br>FL210     | (+/-) 5 NM   | ↓     |     | C   | MADRID ACC (2)  |               |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W  |      |           |                    |  |       |     |     |                 |               |
| (1)                | <b>Tramo KUVAN-LARVO</b><br>RNAV5 (DME/DME) DME VES CRÍTICO.   |      |           |                    |  |       |     |     |                 |               |
| (2)                | <b>Tramo LARVO-DVOR/DME ZMR</b><br>RNAV5 (DME/DME) DME VES CRÍTICO.  |      |           |                    |  |       |     |     |                 |               |
| <b>Y39</b>         |  |      |           |                    |  |       |     |     |                 |               |
| Δ                  | MERAN<br>275123N 0161108W  |      |           |                    | TENERIFE SUR DVOR/DME (TFS) 112° 28.0<br>30m         |       |     |     |                 |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición              |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                |                         |       |     |     |               |               |
| NAV                | TR MAG                                    |      | DIST (NM) | LÍMITES VERTICALES                               | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 111°                                      | 291° | 27.5      | FL660<br>FL145                                   | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC  |               |
| Δ                  | LOMAS<br>274314N 0154128W                 |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 248°<br>15.2 60m |                         |       |     |     |               |               |
| <b>Y80</b>         |   |      |           |  |                         |       |     |     |               |               |
| Δ                  | PAPOS<br>403716N 0012657E                 |      |           | REUS DVOR/DME (RES) 156° 34.0 60m                |                         |       |     |     |               |               |
| RNAV5              | 296°                                      |      | 11.2      | FL305<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | EBROX<br>404231N 0011354E                 |      |           | REUS DVOR/DME (RES) 171° 26.3 60m                |                         |       |     |     |               |               |
| RNAV5              | 296°                                      |      | 40.5      | FL305<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | PELAT<br>410118N 0002633E                 |      |           | MAELLA DVOR/DME (MLA) 116° 14.1 360m             |                         |       |     |     |               |               |
| RNAV5              | 296°                                      |      | 14.1      | FL305<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | MAELLA DVOR/DME (MLA)<br>410747N 0000955E |      |           |  |                         |       |     |     |               |               |
| <b>Y90</b>         |   |      |           |  |                         |       |     |     |               |               |
| Δ                  | COMPI<br>392103N 0000028W                 |      |           | VALENCIA DVOR/DME (VLC) 109° 23.5 60m            |                         |       |     |     |               |               |
| RNAV5              | 015°                                      |      | 40.9      | FL660<br>FL145                                   | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC | (1)           |
| Δ                  | DIKUT<br>400025N 0001410E                 |      |           | CASTELLÓN DVOR/DME (CTN) 150° 14.4<br>360m       |                         |       |     |     |               |               |
| RNAV5              | 015°                                      |      | 19.2      | FL660<br>FL145                                   | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | ASDIR<br>401855N 0002108E                 |      |           | CASTELLÓN DVOR/DME (CTN) 063° 13.4<br>360m       |                         |       |     |     |               |               |
| RNAV5              | 015°                                      |      | 51.2      | FL660<br>FL145                                   | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | OSLAP<br>410802N 0004000E                 |      |           | REUS DVOR/DME (RES) 267° 22.4 60m                |                         |       |     |     |               |               |
| RNAV5              | 015°                                      |      | 63.2      | FL660<br>FL145                                   | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | USKAR<br>420837N 0010357E                 |      |           | VILAFRANCA DVOR/DME (VLA) 334° 52.7<br>660m      |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |                  |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV             |       |     |     |                  |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                       | DCL   |     | ASC | UNIDAD CTL       | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |                  |               |
| (1)                | <p><b>Tramo COMPI-DIKUT</b><br/>                     Sujeto a la actividad de LED21A.<br/>                     - FL245-FL660:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b><br/>                     - COMPI N608 SOPET M445 ASDIR.<br/>                     - COMPI N608 SOPET M985 DIKUT.</p> <p>Sujeto a la actividad de LED21B.<br/>                     - FL145-FL245:<br/>                     • <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>                     • <b>Ruta ALTN:</b><br/>                     - COMPI N608 SOPET M445 ASDIR.<br/>                     - COMPI N608 SOPET M985 DIKUT.</p> |      |           |                    |   |       |     |     |                  |               |
| <b>Y129</b>        |   |      |           |                    |   |       |     |     |                  |               |
| ▲                  | URUNA<br>432118N 0014425W   |      |           |                    | SAN SEBASTIÁN DVOR/DME (SSN) 055° 4.7<br>240m |       |     |     |                  |               |
| RNAV5              | 182°  | 002° | 20.4      | FL195<br>FL095     | (+/-) 5 NM                                    | ↓     | ↑   | C/D | MADRID ACC       |               |
| Δ                  | DITOP<br>430056N 0014552W   |      |           |                    | PAMPLONA DVOR/DME (PPN) 350° 17.1<br>1050m    |       |     |     |                  |               |
| <b>Y135</b>        |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | NAPES<br>371146N 0070149W   |      |           |                    | JEREZ DVOR/DME (JRZ) 296° 53.3 90m            |       |     |     |                  |               |
| RNAV5              | 247°  | 067° | 18.4      | FL195<br>FL095     | (+/-) 5 NM                                    | ↑     | ↓   | C/D | SEVILLA ACC (1)  |               |
| ▲                  | TUPIX<br>370434N 0072300W   |      |           |                    | JEREZ DVOR/DME (JRZ) 284° 67.0 90m            |       |     |     | Ver AIP Portugal |               |
| (1)                | <p><b>Tramo NAPES-TUPIX</b><br/>                     Sujeto a la actividad de la LED121.</p>  |      |           |                    |   |       |     |     |                  |               |
| <b>Y136</b>        |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | NAPES<br>371146N 0070149W   |      |           |                    | JEREZ DVOR/DME (JRZ) 296° 53.3 90m            |       |     |     |                  |               |
| RNAV5              | 279°  | 099° | 19.3      | FL195<br>FL095     | (+/-) 5 NM                                    | ↑     | ↓   | C/D | SEVILLA ACC      |               |
| ▲                  | NIRAK<br>371445N 0072543W   |      |           |                    | JEREZ DVOR/DME (JRZ) 291° 72.0 90m            |       |     |     | Ver AIP Portugal |               |
| <b>Y422</b>        |   |      |           |                    |   |       |     |     |                  |               |
| Δ                  | GOMER<br>280000N 0172000W   |      |           |                    | LA GOMERA DVOR/DME (LGM) 259° 6.5<br>210m     |       |     |     | (1)              |               |

| Designador de ruta |  |      |           |   |                         |       |     |                 |              |               |
|--------------------|--|------|-----------|---|-------------------------|-------|-----|-----------------|--------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |                         |       |     |                 |              |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES                                | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL   | OBSERVACIONES |
|                    | ↓  | ↑    |           |   |                         | Impar | Par |                 |              |               |
| RNAV5              | 171°   | 351° | 68.0      | FL660<br>FL195                                    | (+/-) 5 NM              | ↓     | ↑   | C               | CANARIAS ACC | (2)           |
| Δ                  | URQUI<br>265341N 0170224W  |      |           | LA GOMERA DVOR/DME (LGM) 176° 68.7<br>210m        |                         |       |     |                 |              |               |
| RNAV5              | 166°   | 346° | 43.9      | FL660<br>FL195                                    | (+/-) 5 NM              | ↑     | ↓   | C               | CANARIAS ACC | (3)           |
| Δ                  | UDATI<br>261152N 0164711W  |      |           | TENERIFE SUR DVOR/DME (TFS) 187° 108.5<br>30m     |                         |       |     |                 |              |               |
| RNAV5              | 166°   | 346° | 75.3      | FL660<br>FL195                                    | (+/-) 5 NM              | ↑     | ↓   | C               | CANARIAS ACC |               |
| ▲                  | BIPET<br>250000N 0162132W  |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 200°<br>177.0 60m |                         |       |     |                 |              |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).  |      |           |   |                         |       |     |                 |              |               |
| (2)                | <p><b>Tramo GOMER-URQUI</b><br/>Sujeto a la actividad de la las GCD79D/T/W.<br/>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- <b>Ruta ALTN:</b></p> <ul style="list-style-type: none"> <li>• LIMAL N873 GDV N729 BIMBO.</li> <li>• BIPET Y422 UDATI N873 GDV.</li> <li>• CABOJ N728 REMGI N729 BIMBO.</li> </ul>  |      |           |   |                         |       |     |                 |              |               |
| (3)                | <p><b>Tramo URQUI-BIPET</b><br/>Sujeto a la actividad de la las GCD79E/T/W.<br/>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- <b>Ruta ALTN:</b></p> <ul style="list-style-type: none"> <li>• ODEGI Z27 BIPET</li> <li>• REMGI N729 DEREV N857 BIPET.</li> <li>• HIE DCT ORVEK DCT LIMAL DCT ETIBA.</li> <li>• ETIBA DCT LIMAL DCT ORVEK DCT HIE.</li> </ul> |      |           |   |                         |       |     |                 |              |               |
| <b>Y601</b>        |  |      |           |   |                         |       |     |                 |              | (1)           |
| ▲                  | GUPEL<br>212000N 0150000W  |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 176°<br>390.7 60m |                         |       |     | Ver AIP Senegal |              |               |
| RNAV5              | 019°   | 199° | 229.3     | FL660<br>FL195                                    | (+/-) 5 NM              | ↓     | ↑   | C               | CANARIAS ACC |               |
| ▲                  | KEMUL<br>250130N 0135233W  |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 157°<br>188.0 60m |                         |       |     |                 |              |               |
| RNAV5              | 019°   | 199° | 131.6     | FL660<br>FL195                                    | (+/-) 5 NM              | ↑     | ↓   | C               | CANARIAS ACC |               |
| ▲                  | LA AYOUNE VOR/DME (LAY)<br>270834N 0131305W  |      |           |   |                         |       |     |                 |              |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).  |      |           |   |                         |       |     |                 |              |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |              |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|--------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |       |     |     |              |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                           | DCL   |     | ASC | UNIDAD CTL   | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |              |               |
| <b>Y611</b>        |  |      |           |                    |   |       |     |     |              | (1)           |
| ▲                  | ROSTA<br>281522N 020000W   |      |           |                    | LA GOMERA DVOR/DME (LGM) 280° 148.1<br>210m       |       |     |     |              |               |
| RNAV5              | 108°   | 288° | 115.3     | FL660<br>FL195     | (+/-) 5 NM  | ↓     | ↑   | C   | CANARIAS ACC |               |
| Δ                  | EL HIERRO NDB (HIE)<br>274858N 0175311W  |      |           |                    | LA GOMERA DVOR/DME (LGM) 255° 37,8<br>210m        |       |     |     |              |               |
| RNAV5              | 145°   | 325° | 71.3      | FL660<br>FL145     | (+/-) 5 NM  | ↓     | ↑   | C   | CANARIAS ACC | (2)           |
| Δ                  | URQUI<br>265341N 0170224W  |      |           |                    | LA GOMERA DVOR/DME (LGM) 176° 68.7<br>210m        |       |     |     |              |               |
| RNAV5              | 113°   | 293° | 136.6     | FL660<br>FL145     | (+/-) 5 NM  | ↓     | ↑   | C   | CANARIAS ACC | (3)           |
| ▲                  | CABOJ<br>260820N 0143838W  |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 161°<br>109.9 60m |       |     |     |              |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).  |      |           |                    |   |       |     |     |              |               |
| (2)                | <p><b>Tramo NDB HIE-URQUI</b><br/>Sujeto a la actividad de las GCD79T/W.<br/>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- <b>Ruta ALTN:</b></p> <ul style="list-style-type: none"> <li>• HIE Z526 MERAN Y39 LOMAS N728 CABOJ.</li> <li>• HIE Z526 GDV Q279 LAY.</li> </ul>   |      |           |                    |   |       |     |     |              |               |
| (3)                | <p><b>Tramo URQUI-CABOJ</b><br/>Sujeto a la actividad de GCD79C/E/T/W.<br/>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br/>- <b>Ruta ALTN:</b></p> <ul style="list-style-type: none"> <li>• HIE Z526 MERAN Y39 LOMAS N728 CABOJ.</li> <li>• HIE Z526 GDV Q279 LAY.</li> <li>• HIE DCT ORVEK DCT LIMAL DCT ETIBA.</li> <li>• ETIBA DCT LIMAL DCT ORVEK DCT HIE.</li> </ul> |      |           |                    |   |       |     |     |              |               |
| <b>Y753</b>        |  |      |           |                    |   |       |     |     |              |               |
| Δ                  | UNGAS<br>424056N 0034159W  |      |           |                    | BURGOS VOR/DME (BUR) 348° 20.0 900m               |       |     |     |              |               |
| RNAV5              | 347°   |      | 16.9      | FL245<br>FL075     | (+/-) 5 NM  |       | ↓   | C/D | MADRID ACC   |               |
| Δ                  | EMANU<br>425728N 0034651W  |      |           |                    | SANTANDER DVOR/DME (SNR) 169° 30.0 60m            |       |     |     |              |               |
| RNAV5              | 349°   |      | 30.0      | FL245<br>FL085     | (+/-) 5 NM  |       | ↓   | C/D | MADRID ACC   |               |
| Δ                  | SANTANDER DVOR/DME (SNR)<br>432659N 0035409W   |      |           |                    |   |       |     |     |              |               |

| Designador de ruta |  |      |           |                    |   |       |     |     |               |               |
|--------------------|--|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |       |     |     |               |               |
| NAV                | TR MAG   |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                               | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓  | ↑    |           |                    |   | Impar | Par |     |               |               |
| <b>Y810</b>        |  |      |           |                    |   |       |     |     |               |               |
| Δ                  | ALTET VOR/DME (ALT)<br>381606N 0003412W  |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 200°   | 020° | 31.5      | FL285<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | VALENCIA TACC | (1)           |
| Δ                  | SAN JAVIER VORTAC (VSJ)<br>374647N 0004846W  |      |           |                    | MURCIA DVOR/DME (MUR) 094° 14.7 210m                  |       |     |     |               |               |
| RNAV5              | 230°   | 050° | 51.8      | FL285<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | VALENCIA TACC |               |
| Δ                  | BANSO<br>371403N 0013917W  |      |           |                    | ALMERÍA VOR/DME (AMR) 049° 37.7 90m                   |       |     |     |               |               |
| RNAV5              | 230°   | 050° | 7.3       | FL285<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | VALENCIA TACC | (2)           |
| Δ                  | ALZUP<br>370923N 0014623W  |      |           |                    | ALMERÍA VOR/DME (AMR) 049° 30.3 90m                   |       |     |     |               |               |
| RNAV5              | 229°   | 049° | 30.4      | FL285<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | VALENCIA TACC |               |
| Δ                  | ALMERÍA VOR/DME (AMR)<br>364959N 0021534W  |      |           |                    |   |       |     |     |               |               |
| (1)                | <b>Tramo VOR/DME ALT-VOR/DME AMR</b><br>Sujeto a la actividad de la LER63.<br>- CDR1: H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- Ruta ALTN: VLC M985 VIBAS N865 AMR. |      |           |                    |   |       |     |     |               |               |
| (2)                | <b>Tramo BANSO-DVOR/DME AMR</b><br>FL095-FL145: responsabilidad de SEVILLA ACC.  |      |           |                    |   |       |     |     |               |               |
| <b>Z19</b>         |  |      |           |                    |   |       |     |     |               |               |
| Δ                  | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W  |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 150°   | 330° | 19.3      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | SEVILLA ACC   | (1)           |
| Δ                  | SOVIS<br>355736N 0054638W  |      |           |                    | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>150° 19.3 210m |       |     |     |               |               |
| (1)                | <b>Tramo DVOR/DME VJF-SOVIS</b><br>Sujeto a la actividad de la LETR4.  |      |           |                    |   |       |     |     |               |               |
| <b>Z26</b>         |  |      |           |                    |   |       |     |     |               |               |
| Δ                  | EBROX<br>404231N 0011354E  |      |           |                    | REUS DVOR/DME (RES) 171° 26.3 60m                     |       |     |     |               |               |

| Designador de ruta  |   |      |           |   |                         |       |     |                 |               |               |
|---|---|------|-----------|---|-------------------------|-------|-----|-----------------|---------------|---------------|
| ▲ / Δ   | REP obligatorio / a petición                            |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                     |                         |       |     |                 |               |               |
| NAV   | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                                    | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC             | UNIDAD CTL    | OBSERVACIONES |
|   | ↓   | ↑    |           |   |                         | Impar | Par |                 |               |               |
| RNAV5   | 014°  |      | 66.1      | FL660<br>FL195  | (+/-) 5 NM              |       | ↓   | C               | BARCELONA ACC |               |
| Δ   | LATRO<br>414618N 0013706E                               |      |           | VILAFRANCA DVOR/DME (VLA) 005° 26.0<br>660m           |                         |       |     |                 |               |               |
| <b>Z27</b>  |   |      |           |   |                         |       |     |                 |               | (1)           |
| Δ   | ODEGI<br>265341N 0161724W                               |      |           | TENERIFE SUR DVOR/DME (TFS) 166° 69.8<br>30m          |                         |       |     |                 |               |               |
| RNAV5   | 186°  | 006° | 113.4     | FL660<br>FL195  | (+/-) 5 NM              | ↑     | ↓   | C               | CANARIAS ACC  | (2)           |
| ▲   | BIPET<br>250000N 0162132W                               |      |           | GRAN CANARIA SUR DVOR/DME (LPC) 200°<br>177.0 60m     |                         |       |     |                 |               |               |
| (1) Requiere aprobación RNAV5 (GNSS).   |   |      |           |   |                         |       |     |                 |               |               |
| (2) <b>Tramo ODEGI-BIPET</b><br>Sujeto a la actividad de las GCD79B/C/E/T.<br>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- <b>Ruta ALTN:</b><br>• URQUIY422 BIPET.<br>• REMGI N729 DEREV N857 BIPET. |   |      |           |   |                         |       |     |                 |               |               |
| <b>Z53</b>  |   |      |           |   |                         |       |     |                 |               |               |
| ▲   | ADKIM<br>355000N 0060142W                               |      |           | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>186° 24.5 210m |                         |       |     | Ver AIP Morocco |               |               |
| RNAV5   | 006°  | 186° | 24.5      | FL195<br>FL075  | (+/-) 5 NM              | ↑     | ↓   | C/D             | SEVILLA ACC   | (1)           |
| Δ   | VEJER DE LA FRONTERA DVOR/DME (VJF)<br>361422N 0055832W |      |           |   |                         |       |     |                 |               |               |
| (1) <b>Tramo ADKIM-DVOR/DME VJF</b><br>Sujeto a la actividad de la LETR4.   |   |      |           |   |                         |       |     |                 |               |               |
| <b>Z82</b>  |   |      |           |   |                         |       |     |                 |               |               |
| Δ   | MEROS<br>403000N 0042200E                               |      |           | MENORCA DVOR/DME (MHN) 008° 38.8 90m                  |                         |       |     |                 |               |               |
| RNAV5   | 322°  |      | 48.0      | FL245<br>FL145  | (+/-) 5 NM              |       | ↓   | C               | BARCELONA ACC |               |
| Δ   | VERSO<br>410911N 0034525E                               |      |           | BAGUR DVOR/DME (BGR) 150° 53.7 330m                   |                         |       |     |                 |               |               |
| <b>Z165</b>   |   |      |           |   |                         |       |     |                 |               |               |
| Δ   | PARKA<br>390000N 0050900W                               |      |           | HINOJOSA DEL DUQUE VOR/DME (HIJ) 355°<br>29.6 570m    |                         |       |     |                 |               |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |               |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV               |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                         | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |               |               |
| RNAV5              | 058°  |      | 22.1      | FL660<br>FL145     | (+/-) 5 NM                                      |       | ↓   | C   | MADRID ACC    | (1)           |
| Δ                  | SOTUK<br>391137N 0044447W   |      |           |                    | HIJOS DEL DUQUE VOR/DME (HIJ) 022°<br>44.4 570m |       |     |     |               |               |
| (1)                | <p><b>Tramo PARKA-SOTUK</b><br/>           Sujeto a la actividad de las LED125 y LER86B.<br/>           - FL145-FL245:<br/>           • CDR1: MON-FRI I: 0700-1930 (V: 0600-1830).<br/>           • PERM: Resto del tiempo, disponible.<br/>           • Ruta ALTN: HIJ Z230 TLD.</p> |      |           |                    |   |       |     |     |               |               |
| <b>Z167</b>        |   |      |           |                    |   |       |     |     |               |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E  |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 149°  |      | 55.4      | FL660<br>FL195     | (+/-) 5 NM                                      | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | LORES<br>403000N 0024209E   |      |           |                    | POLLENSA DVOR/DME (POS) 329° 39.2 360m          |       |     |     |               |               |
| <b>Z174</b>        |   |      |           |                    |   |       |     |     |               |               |
| Δ                  | BARCELONA DVOR/DME (BCN)<br>411826N 0020628E  |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 171°  |      | 53.9      | FL660<br>FL195     | (+/-) 5 NM                                      | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | CORDA<br>402456N 0021521E   |      |           |                    | POLLENSA DVOR/DME (POS) 305° 49.1 360m          |       |     |     |               |               |
| <b>Z180</b>        |   |      |           |                    |   |       |     |     |               |               |
| Δ                  | SEVILLA DVOR/DME (SVL)<br>372539N 0054544W  |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 340°  | 160° | 33.3      | FL660<br>FL145     | (+/-) 5 NM                                      | ↑     | ↓   | C   | SEVILLA ACC   |               |
| Δ                  | OXACA<br>375700N 0060000W   |      |           |                    | SEVILLA DVOR/DME (SVL) 340° 33.3 120m           |       |     |     |               |               |
| RNAV5              |   | 196° | 65.6      | FL660<br>FL145     | (+/-) 5 NM                                      | ↑     |     | C   | SEVILLA ACC   | (1)           |
| Δ                  | USIBA<br>390000N 0053638W   |      |           |                    | HIJOS DEL DUQUE VOR/DME (HIJ) 321°<br>38.0 570m |       |     |     |               |               |
| RNAV5              |   | 196° | 47.9      | FL660<br>FL145     | (+/-) 5 NM                                      | ↑     |     | C   | MADRID ACC    |               |

| Designador de ruta |  |   |           |                    |                                       |       |     |     |                   |               |
|--------------------|--|---|-----------|--------------------|---------------------------------------|-------|-----|-----|-------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición   |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |                   |               |
| NAV                | TR MAG   |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL        | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |                                       | Impar | Par |     |                   |               |
| Δ                  | MELON<br>394600N 0051907W  |   |           |                    | TOLEDO DVOR/DME (TLD) 255° 46.8 600m  |       |     |     |                   |               |
| (1)                | <p><b>Tramo MELON-OXACA</b></p> <p>Sujeto a la actividad de la LED126.<br/>- FL245-FL660:<br/>• <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>• <b>PERM:</b> Resto del tiempo, disponible.<br/>• <b>Ruta ALTN:</b> ZMR L155 NVS Z230 TLD N864 MONTO N857 HIJ N10 SVL.</p> <p>Sujeto a la actividad de la LER86C.<br/>- FL245-FL450:<br/>• <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>• <b>PERM:</b> Resto del tiempo, disponible.<br/>• <b>Ruta ALTN:</b> ZMR L155 NVS Z230 TLD N864 MONTO N857 HIJ N10 SVL.</p> <p>Sujeto a la actividad de la LETR1.<br/>- FL450-FL660:<br/>• <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>• <b>PERM:</b> Resto del tiempo, disponible.<br/>• <b>Ruta ALTN:</b> ZMR L155 NVS Z230 TLD N864 MONTO N857 HIJ N10 SVL.</p> <p>Sujeto a la actividad de las LED125 y LER86B.<br/>- FL145-FL245:<br/>• <b>CDR1:</b> MON-FRI I: 0700-1930 (V: 0600-1830).<br/>• <b>PERM:</b> Resto del tiempo, disponible.<br/>• <b>Ruta ALTN:</b> ZMR L155 NVS Z230 TLD N864 MONTO N857 HIJ N10 SVL.</p> |   |           |                    |                                       |       |     |     |                   |               |
| <b>Z224</b>        |  |   |           |                    |                                       |       |     |     |                   |               |
| Δ                  | ASTRO<br>390128N 0011547W  |   |           |                    | CALLES DVOR/DME (CLS) 196° 43.0 570m  |       |     |     |                   |               |
| RNAV5              | 064°   |   | 36.9      | FL660<br>FL095     | (+/-) 5 NM                            |       | ↓   | C/D | BARCELONA ACC     |               |
| Δ                  | LASPO<br>391657N 0003240W  |   |           |                    | VALENCIA DVOR/DME (VLC) 192° 12.5 60m |       |     |     |                   |               |
| RNAV5              | 104°   |   | 49.7      | FL660<br>FL095     | (+/-) 5 NM                            |       | ↓   | C/D | BARCELONA ACC     |               |
| Δ                  | ODSEN<br>390351N 0002900E  |   |           |                    | VALENCIA DVOR/DME (VLC) 118° 51.6 60m |       |     |     |                   |               |
| RNAV5              | 104°   |   | 9.3       | FL660<br>FL095     | (+/-) 5 NM                            |       | ↓   | C/D | BARCELONA ACC (1) |               |
| Δ                  | VARUT<br>390120N 0004030E  |   |           |                    | VALENCIA DVOR/DME (VLC) 116° 60.6 60m |       |     |     |                   |               |
| RNAV5              | 104°   |   | 13.0      | FL660<br>FL095     | (+/-) 5 NM                            |       | ↓   | C/D | BARCELONA ACC     |               |
| Δ                  | IBEBA<br>385747N 0005636E  |   |           |                    | VALENCIA DVOR/DME (VLC) 113° 73.4 60m |       |     |     |                   |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                |                         |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                               | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 104°  |      | 20.6      | FL660<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | IBIZA VOR/DME (IBA)<br>385206N 0012157E   |      |           | MALLORCA DVOR/DME (MJV) 241° 73.2<br>150m        |                         |       |     |     |               |               |
| RNAV5              | 106°  |      | 8.7       | FL660<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | RONDU<br>384924N 0013234E   |      |           | MALLORCA DVOR/DME (MJV) 235° 67.5<br>150m        |                         |       |     |     |               |               |
| RNAV5              | 106°  |      | 30.6      | FL660<br>FL145                                   | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | NINES<br>383949N 0020941E   |      |           | MALLORCA DVOR/DME (MJV) 209° 54.0<br>150m        |                         |       |     |     |               |               |
| (1)                | <u>Tramo ODSEN-VARUT</u><br>Utilizable para tráficos no equipados RNAV5 con origen LEVC y destino LEIB. Asistencia radar proporcionada por ATC. |      |           |  |                         |       |     |     |               |               |
| <b>Z230</b>        |   |      |           |  |                         |       |     |     |               | (1)           |
| Δ                  | HIJOSA DEL DUQUE VOR/DME (HIJ)<br>383029N 0050559W  |      |           |  |                         |       |     |     |               |               |
| RNAV5              | 022°  |      | 31.8      | FL660<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | SEVILLA ACC   |               |
| Δ                  | RUSEM<br>390000N 0045049W   |      |           | HIJOSA DEL DUQUE VOR/DME (HIJ) 022°<br>31.8 570m |                         |       |     |     |               |               |
| RNAV5              | 022°  |      | 12.5      | FL660<br>FL095                                   | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | SOTUK<br>391137N 0044447W   |      |           | HIJOSA DEL DUQUE VOR/DME (HIJ) 022°<br>44.4 570m |                         |       |     |     |               |               |
| RNAV5              | 022°  |      | 38.8      | FL660<br>FL125                                   | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | USOKO<br>394737N 0042552W   |      |           | TOLEDO DVOR/DME (TLD) 202° 11.4 600m             |                         |       |     |     |               |               |
| RNAV5              | 022°  |      | 11.4      | FL660<br>9500 ft<br>AMSL                         | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC    |               |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W   |      |           |  |                         |       |     |     |               |               |
| RNAV5              | 009°  | 189° | 24.3      | FL660<br>10500 ft<br>AMSL                        | (+/-) 5 NM              | ↑     | ↓   | C/D | MADRID ACC    |               |
| Δ                  | NAVAS DEL REY DVOR/DME (NVS)<br>402207N 0041458W  |      |           |  |                         |       |     |     |               |               |
| (1)                | Requiere aprobación RNAV5 (DME/DME o GNSS).   |      |           |  |                         |       |     |     |               |               |

| Designador de ruta |  |   |           |                    |  |       |     |     |                    |               |
|--------------------|--|---|-----------|--------------------|--|-------|-----|-----|--------------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                 |   |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                  |       |     |     |                    |               |
| NAV                | TR MAG                                       |   | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                            | DCL   |     | ASC | UNIDAD CTL         | OBSERVACIONES |
|                    | ↓  | ↑ |           |                    |  | Impar | Par |     |                    |               |
| <b>Z237</b>        |  |   |           |                    |  |       |     |     |                    |               |
| Δ                  | PIVUS<br>415526N 0035601E                    |   |           |                    | BAGUR DVOR/DME (BGR) 090° 32.4 330m                |       |     |     |                    |               |
| RNAV5              | 204°   |   | 49.6      | FL660<br>FL245     | (+/-) 5 NM   | ↓     |     | C   | BARCELONA ACC      |               |
| Δ                  | SULID<br>411104N 0032629E                    |   |           |                    | CALELLA DVOR/DME (CLE) 124° 45.5 420m              |       |     |     |                    |               |
| RNAV5              | 199°   |   | 37.0      | FL660<br>FL245     | (+/-) 5 NM   | ↓     |     | C   | BARCELONA ACC      |               |
| Δ                  | SISMO<br>403633N 0030845E                    |   |           |                    | POLLENSA DVOR/DME (POS) 360° 40.9 360m             |       |     |     |                    |               |
| RNAV5              | 206°   |   | 64.9      | FL660<br>FL245     | (+/-) 5 NM   | ↓     |     | C   | BARCELONA ACC      |               |
| Δ                  | AKAMU<br>393928N 0022817E                    |   |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>292° 13.9 0m |       |     |     |                    |               |
| RNAV5              | 206°   |   | 7.4       | FL660<br>FL245     | (+/-) 5 NM   | ↓     |     | C   | BARCELONA ACC      |               |
| Δ                  | ANDRAITX NDB (ADX)<br>393258N 0022345E       |   |           |                    | PALMA-SON SANT JOAN DVOR/DME (JOA)<br>265° 16,3 0m |       |     |     |                    |               |
| RNAV5              | 238°   |   | 51.3      | FL660<br>FL245     | (+/-) 5 NM   | ↓     |     | C   | BARCELONA ACC      |               |
| Δ                  | OKITI<br>390659N 0012639E                    |   |           |                    | MALLORCA DVOR/DME (MJV) 251° 64.0<br>150m          |       |     |     |                    |               |
| <b>Z238</b>        |  |   |           |                    |  |       |     |     |                    |               |
| Δ                  | PORTO COLOM NDB (PTC)<br>392538N 0031524E    |   |           |                    | CAPDEPERA DVOR/DME (CDP) 307° 18.2<br>240m         |       |     |     |                    |               |
| RNAV5              | 025°   |   | 18.2      | FL660<br>FL245     | (+/-) 5 NM   |       | ↓   | C   | BARCELONA ACC      |               |
| Δ                  | CAPDEPERA DVOR/DME (CDP)<br>394152N 0032604E |   |           |                    |  |       |     |     |                    |               |
| RNAV5              | 028°   |   | 96.1      | FL660<br>FL245     | (+/-) 5 NM   |       | ↓   | C   | BARCELONA ACC      |               |
| Δ                  | CHELY<br>410430N 0043018E                    |   |           |                    | MENORCA DVOR/DME (MHN) 008° 73.9 90m               |       |     |     |                    |               |
| <b>Z245</b>        |  |   |           |                    |  |       |     |     |                    |               |
| Δ                  | ZARAGOZA VOR/DME (ZAR)<br>413928N 0010151W   |   |           |                    |  |       |     |     |                    |               |
| RNAV5              | 221°   |   | 50.4      | FL660<br>FL145     | (+/-) 5 NM   | ↓     |     | C   | MADRID ACC (1) (2) |               |
| Δ                  | KONKE<br>410200N 0014637W                    |   |           |                    | CALAMOCHA VOR/DME (CMA) 294° 23.9<br>960m          |       |     |     |                    |               |

| Designador de ruta |   |      |           |                    |   |       |     |     |               |               |
|--------------------|---|------|-----------|--------------------|---|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV                 |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN                           | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |   | Impar | Par |     |               |               |
| RNAV5              | 221°  |      | 24.7      | FL660<br>FL145     | (+/-) 5 NM  | ↓     |     | C   | MADRID ACC    |               |
| Δ                  | TERSA<br>404330N 0020816W   |      |           |                    | CASTEJÓN DVOR/DME (CJN) 040° 28.2<br>1080m        |       |     |     |               |               |
| RNAV5              | 221°  |      | 28.2      | FL660<br>FL145     | (+/-) 5 NM  | ↓     |     | C   | MADRID ACC    |               |
| Δ                  | CASTEJÓN DVOR/DME (CJN)<br>402219N 0023241W   |      |           |                    |   |       |     |     |               |               |
| (1)                | <b>Tramo VOR/DME ZAR-KONKE</b><br>FL145-FL245: unidad CTL ZARAGOZA TACC.  |      |           |                    |   |       |     |     |               |               |
| (2)                | <b>Tramo VOR/DME ZAR-DVOR/DME CJN</b><br>Sujeto a la actividad de la LED47B.<br>- FL365-FL660:<br>• <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>• <b>Ruta ALTN:</b> RFL < 365.      |      |           |                    |   |       |     |     |               |               |
| <b>Z308</b>        |   |      |           |                    |   |       |     |     |               |               |
| Δ                  | GERONA DVOR/DME (GIR)<br>415552N 0024619E   |      |           |                    |   |       |     |     |               |               |
| RNAV5              | 228°  | 048° | 38.6      | FL660<br>FL095     | (+/-) 5 NM  | ↓     | ↑   | C/D | BARCELONA ACC |               |
| Δ                  | SABADELL DVOR/DME (SLL)<br>413111N 0020635E   |      |           |                    |   |       |     |     |               |               |
| <b>Z353</b>        |   |      |           |                    |   |       |     |     |               | (1)           |
| ▲                  | ROTUM<br>250000N 0154712W   |      |           |                    | GRAN CANARIA SUR DVOR/DME (LPC) 190°<br>170.9 60m |       |     |     |               |               |
| RNAV5              | 350°  | 170° | 116.6     | FL660<br>FL105     | (+/-) 5 NM  | ↓     | ↑   | C/D | CANARIAS ACC  | (2)           |
| Δ                  | ODEGI<br>265341N 0161724W   |      |           |                    | TENERIFE SUR DVOR/DME (TFS) 166° 69.8<br>30m      |       |     |     |               |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).   |      |           |                    |   |       |     |     |               |               |
| (2)                | <b>Tramo ROTUM-ODEGI</b><br>Sujeto a la actividad de las GCD79B/C/E/T.<br>- <b>CDR1:</b> H24. El cierre de la CDR se comunica mediante el plan de utilización del espacio aéreo y sus actualizaciones (AUP/UUP).<br>- <b>Ruta ALTN:</b><br>• ROTUM M660 GDV.<br>• LAY Q279 GDV. |      |           |                    |   |       |     |     |               |               |
| <b>Z405</b>        |   |      |           |                    |   |       |     |     |               |               |
| ▲                  | BARDI<br>403501N 0061809W   |      |           |                    | SALAMANCA VOR/DME (BBI) 236° 46.4 900m            |       |     |     |               |               |

| Designador de ruta |   |      |           |                    |                                       |       |     |     |            |               |
|--------------------|---|------|-----------|--------------------|---------------------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           |                    | VOR/DME-REF BRG DIST(NM) DME-ELEV     |       |     |     |            |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES | PRECISIÓN DE NAVEGACIÓN               | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓   | ↑    |           |                    |                                       | Impar | Par |     |            |               |
| RNAV5              |   | 293° | 97.5      | FL660<br>FL165     | (+/-) 5 NM                            | ↑     |     | C   | MADRID ACC | (1)           |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W   |      |           |                    |                                       |       |     |     |            |               |
| RNAV5              | 105°  | 285° | 41.9      | FL660<br>FL145     | (+/-) 5 NM                            | ↑     | ↓   | C   | MADRID ACC | (2)           |
| Δ                  | VILLATOBAS DVOR/DME (VTB)<br>394651N 0032750W   |      |           |                    |                                       |       |     |     |            |               |
| (1)                | <b>Tramo BARDI-DVOR/DME TLD</b><br>Sujeto a la actividad de las LER71B/C.<br>-FL165-FL245:<br>• <b>CDR1:</b> MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br>• <b>PERM:</b> Resto del tiempo, disponible.<br>• <b>Ruta ALTN:</b> TLD Z230 NVS L155 ADORO. |      |           |                    |                                       |       |     |     |            |               |
| (2)                | <b>Tramo DVOR/DME TLD-DVOR/DME VTB</b><br>Requiere aprobación RNAV5 (GNSS).   |      |           |                    |                                       |       |     |     |            |               |
| <b>Z406</b>        |   |      |           |                    |                                       |       |     |     |            |               |
| Δ                  | BEDAL<br>420617N 0074514W   |      |           |                    | VIGO DVOR/DME (VGO) 110° 39.9 270m    |       |     |     |            |               |
| RNAV5              | 110°  |      | 30.2      | FL245<br>FL105     | (+/-) 5 NM                            |       | ↓   | C/D | MADRID ACC | (1)           |
| ▲                  | RALUS<br>415612N 0070659W   |      |           |                    | VIGO DVOR/DME (VGO) 110° 70.0 270m    |       |     |     |            |               |
| RNAV5              | 110°  |      | 26.5      | FL245<br>FL105     | (+/-) 5 NM                            |       | ↓   | C/D | MADRID ACC | (2)           |
| ▲                  | MOSEN<br>414712N 0063339W   |      |           |                    | ZAMORA DVOR/DME (ZMR) 291° 44.1 630m  |       |     |     |            |               |
| RNAV5              | 110°  |      | 11.3      | FL245<br>FL105     | (+/-) 5 NM                            |       | ↓   | C/D | MADRID ACC |               |
| ▲                  | GODIV<br>414317N 0061925W   |      |           |                    | ZAMORA DVOR/DME (ZMR) 291° 32.8 630m  |       |     |     |            |               |
| RNAV5              | 111°  |      | 32.8      | FL660<br>FL105     | (+/-) 5 NM                            |       | ↓   | C/D | MADRID ACC |               |
| Δ                  | ZAMORA DVOR/DME (ZMR)<br>413149N 0053823W   |      |           |                    |                                       |       |     |     |            |               |
| (1)                | <b>Tramo BEDAL-RALUS</b><br>Requiere aprobación RNAV5 (GNSS).   |      |           |                    |                                       |       |     |     |            |               |
| (2)                | <b>Tramo RALUS-MOSEN</b><br>Servicios de tránsito aéreo delegados de Lisboa ACC a Madrid ACC.   |      |           |                    |                                       |       |     |     |            |               |
| <b>Z409</b>        |   |      |           |                    |                                       |       |     |     |            |               |
| Δ                  | RAKOD<br>394651N 0063743W   |      |           |                    | CÁCERES DVOR/DME (CCS) 330° 17.8 420m |       |     |     |            | (1)           |

| Designador de ruta |   |      |           |   |                         |       |     |     |            |               |
|--------------------|---|------|-----------|---|-------------------------|-------|-----|-----|------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición  |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV           |                         |       |     |     |            |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                          | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL | OBSERVACIONES |
|                    | ↓   | ↑    |           |   |                         | Impar | Par |     |            |               |
| RNAV5              | 084°  |      | 10.6      | FL245<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC | (2) (3)       |
| ▲                  | OGERO<br>394806N 0062402W   |      |           | CÁCERES DVOR/DME (CCS) 006° 16.7 420m       |                         |       |     |     |            |               |
| RNAV5              | 084°  |      | 39.8      | FL660<br>FL145                              | (+/-) 5 NM              |       | ↓   | C   | MADRID ACC |               |
| Δ                  | ROLDO<br>395233N 0053241W   |      |           | CÁCERES DVOR/DME (CCS) 063° 46.2 420m       |                         |       |     |     |            |               |
| RNAV5              | 084°  |      | 43.3      | FL660<br>FL095                              | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC |               |
| Δ                  | RUKER<br>395658N 0043640W   |      |           | TOLEDO DVOR/DME (TLD) 264° 12.7 600m        |                         |       |     |     |            |               |
| RNAV5              | 084°  |      | 12.7      | FL660<br>9500 ft<br>AMSL                    | (+/-) 5 NM              |       | ↓   | C/D | MADRID ACC |               |
| Δ                  | TOLEDO DVOR/DME (TLD)<br>395810N 0042015W   |      |           |   |                         |       |     |     |            |               |
| (1)                | Servicios de tránsito aéreo delegados de Madrid ACC a Lisboa ACC entre el límite del UIR y OGERO a partir de FL245. Espacio aéreo Free Route, ver AIP-Portugal.   |      |           |   |                         |       |     |     |            |               |
| (2)                | <b>Tramo RAKOD-ROLDO</b><br>Requiere aprobación RNAV5 (GNSS).   |      |           |   |                         |       |     |     |            |               |
| (3)                | <b>Tramo RAKOD-ROLDO</b><br>Sujeto a la actividad de la LER71C.<br>-FL145-FL245:<br>• <b>CDR1:</b> MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br>• <b>PERM:</b> Resto del tiempo, disponible.<br>• <b>Ruta ALTN:</b> ADORO L155 NVS Z230 TLD. |      |           |   |                         |       |     |     |            |               |
| <b>Z436</b>        |   |      |           |   |                         |       |     |     |            |               |
| ▲                  | CÁCERES DVOR/DME (CCS)<br>393128N 0062605W  |      |           |   |                         |       |     |     |            |               |
| RNAV5              |   | 233° | 109.0     | FL660<br>FL145                              | (+/-) 5 NM              | ↑     |     | C   | MADRID ACC | (1)           |
| Δ                  | AVILA<br>403729N 0043300W   |      |           | NAVAS DEL REY DVOR/DME (NVS) 318° 20.6 780m |                         |       |     |     |            |               |
| (1)                | <b>Tramo AVILA-DVOR/DME CCS</b><br>Sujeto a la actividad de la LER71C.<br>- FL145-FL245:<br>• <b>CDR1:</b> MON-FRI I: 0630-1700 (V: 0530-1600) EXC HOL.<br>• <b>PERM:</b> Resto del tiempo, disponible.<br>• <b>Ruta ALTN:</b> TLD N975 CCS.    |      |           |   |                         |       |     |     |            |               |
| <b>Z444</b>        |   |      |           |   |                         |       |     |     |            |               |
| Δ                  | EBROX<br>404231N 0011354E   |      |           | REUS DVOR/DME (RES) 171° 26.3 60m           |                         |       |     |     |            |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |               |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|---------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                    |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV            |                         |       |     |     |               |               |
| NAV                | TR MAG  |      | DIST (NM) | LÍMITES VERTICALES                           | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL    | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |               |               |
| RNAV5              | 034°  |      | 37.0      | FL660<br>FL095                               | (+/-) 5 NM              |       | ↓   | C/D | BARCELONA ACC |               |
| Δ                  | VILLANUEVA NDB (VNV)<br>411238N 0014221E        |      |           | VILAFRANCA DVOR/DME (VLA) 136° 10.7<br>660m  |                         |       |     |     |               |               |
| <b>Z475</b>        |   |      |           |  |                         |       |     |     |               |               |
| Δ                  | MATEX<br>403324N 0001556E                       |      |           | CASTELLÓN DVOR/DME (CTN) 020° 21.8<br>360m   |                         |       |     |     |               |               |
| RNAV5              | 026°  |      | 39.1      | FL660<br>FL145                               | (+/-) 5 NM              |       | ↓   | C   | BARCELONA ACC |               |
| Δ                  | OSLAP<br>410802N 0004000E                       |      |           | REUS DVOR/DME (RES) 267° 22.4 60m            |                         |       |     |     |               |               |
| <b>Z526</b>        |   |      |           |  |                         |       |     |     |               |               |
| Δ                  | EL HIERRO NDB (HIE)<br>274858N 0175311W         |      |           | LA GOMERA DVOR/DME (LGM) 255° 37,8<br>210m   |                         |       |     |     |               | (1)           |
| RNAV5              | 093°  | 273° | 90.5      | FL660<br>FL145                               | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC  |               |
| Δ                  | MERAN<br>275123N 0161108W                       |      |           | TENERIFE SUR DVOR/DME (TFS) 112° 28.0<br>30m |                         |       |     |     |               |               |
| RNAV5              | 075°  | 255° | 42.3      | FL660<br>FL145                               | (+/-) 5 NM              | ↓     | ↑   | C   | CANARIAS ACC  |               |
| Δ                  | GRAN CANARIA DVOR/DME (GDV)<br>280438N 0152544W |      |           |  |                         |       |     |     |               |               |
| (1)                | Requiere aprobación RNAV5 (GNSS).               |      |           |  |                         |       |     |     |               |               |
| <b>Z596</b>        |   |      |           |  |                         |       |     |     |               |               |
| Δ                  | SENIÁ<br>405208N 0004420E                       |      |           | REUS DVOR/DME (RES) 228° 25.3 60m            |                         |       |     |     |               |               |
| RNAV5              | 269°  |      | 16.1      | FL660<br>FL145                               | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | DORMI<br>405216N 0002306E                       |      |           | MAELLA DVOR/DME (MLA) 146° 18.4 360m         |                         |       |     |     |               |               |
| RNAV5              | 269°  |      | 14.7      | FL660<br>FL145                               | (+/-) 5 NM              | ↓     |     | C   | BARCELONA ACC |               |
| Δ                  | CRETA<br>405220N 0000342E                       |      |           | MAELLA DVOR/DME (MLA) 196° 16.2 360m         |                         |       |     |     |               |               |
| RNAV5              | 269°  |      | 38.9      | FL660<br>FL095                               | (+/-) 5 NM              | ↓     |     | C/D | BARCELONA ACC |               |
| Δ                  | NEXAS<br>405216N 0004734W                       |      |           | CALAMOCHA VOR/DME (CMA) 088° 22.9<br>960m    |                         |       |     |     |               |               |

| Designador de ruta |   |      |           |  |                         |       |     |     |                 |               |
|--------------------|---|------|-----------|--|-------------------------|-------|-----|-----|-----------------|---------------|
| ▲ / Δ              | REP obligatorio / a petición                |      |           | VOR/DME-REF BRG DIST(NM) DME-ELEV                      |                         |       |     |     |                 |               |
| NAV                | TR MAG                                      |      | DIST (NM) | LÍMITES VERTICALES                                     | PRECISIÓN DE NAVEGACIÓN | DCL   |     | ASC | UNIDAD CTL      | OBSERVACIONES |
|                    | ↓   | ↑    |           |  |                         | Impar | Par |     |                 |               |
| RNAV5              | 268°  |      | 23.0      | FL660<br>FL095   | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC      |               |
| Δ                  | CALAMOCHA VOR/DME (CMA)<br>405202N 0011753W |      |           |  |                         |       |     |     |                 |               |
| RNAV5              | 256°  |      | 24.7      | FL660<br>FL095   | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC      |               |
| Δ                  | EDIMU<br>404642N 0014942W                   |      |           | CALAMOCHA VOR/DME (CMA) 257° 24.7<br>960m              |                         |       |     |     |                 |               |
| RNAV5              | 256°  |      | 14.5      | FL660<br>FL095   | (+/-) 5 NM              | ↓     |     | C/D | MADRID ACC      |               |
| Δ                  | TERSA<br>404330N 0020816W                   |      |           | CASTEJÓN DVOR/DME (CJN) 040° 28.2<br>1080m             |                         |       |     |     |                 |               |
| <b>Z901</b>        |   |      |           |  |                         |       |     |     |                 |               |
| Δ                  | MÁLAGA DVOR/DME (MGA)<br>364852N 0042210W   |      |           |  |                         |       |     |     |                 |               |
| RNAV5              | 142°  | 322° | 39.9      | FL145<br>FL095   | (+/-) 5 NM              | ↓     | ↑   | D   | SEVILLA ACC     |               |
| Δ                  | EPATA<br>361713N 0035200W                   |      |           | MÁLAGA AEROPUERTO NORTE DVOR/DME<br>(AGP) 128° 38.3 0m |                         |       |     |     |                 |               |
| RNAV5              | 142°  | 322° | 34.2      | FL145<br>FL095   | (+/-) 5 NM              | ↓     | ↑   | D   | SEVILLA ACC     |               |
| ▲                  | PEKOP<br>355000N 0032627W                   |      |           | MELILLA DVOR/DME (MEL) 325° 40.7 60m                   |                         |       |     |     | Ver AIP Morocco |               |