

# ESPAÑA

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SUP 134/23  
AIRAC 27-JUL-23

FECHA DE EFECTIVIDAD WEF 05-OCT-23 // EFFECTIVE DATE WEF 05-OCT-23

AD

CANCELAR: SUP 86/23

CANCEL: SUP 86/23.

SUP 134/23 05OCT23/05OCT24EST

SUP 134/23 05OCT23/05OCT24EST

NOTA: SUP EST, sólo se cancelará por NOTAM, SUP o enmienda al AIP.

NOTE: EST SUP will only be cancelled by NOTAM, SUP or AIP amendment.

TENERIFE NORTE/Ciudad de La Laguna AD (GCXO).- Baja temporal del DVOR/DME LRO.

TENERIFE NORTE/Ciudad de la Laguna AD (GCXO).- Temporary unavailability of DVOR/DME LRO.

Hasta el 05 de octubre de 2024 estimado, el DVOR/DME LRO estará fuera de servicio por sustitución del sistema.

Until 05 October 2024 (estimated), the DVOR/DME LRO shall be out of service due to system replacement.

Se realizarán actuaciones con presencia de maquinaria y operarios en el emplazamiento del DVOR/DME LRO y en las proximidades, para la realización de los trabajos de desmontaje del sistema actual y montaje del nuevo sistema.

Works with machinery and operators shall be carried out at and near the DVOR/DME LRO site, in order to decommission the current system and assemble the new system.

Todas las áreas de obra estarán debidamente señalizadas y balizadas.

All work areas shall be duly marked and lit.

Las obras se realizarán en horario diurno y nocturno, y en coordinación permanente con TWR.

The works shall be performed in daytime and night-time, in permanent coordination with TWR.

Cualquier incidencia operativa adicional se publicará mediante NOTAM.

Any additional operational incident shall be notified via NOTAM.

A continuación, se detallan las maniobras instrumentales afectadas por la baja programada del DVOR/DME LRO:

The instrumental manoeuvres affected by the scheduled unavailability of the DVOR/DME LRO are set out below:

TENERIFE NORTE/Ciudad de La Laguna.

TENERIFE NORTE/Ciudad de La Laguna.

1.- GCXO SID 1 RWY 12

1.- GCXO SID 1 RWY 12

Solo la salida YEQAY1C queda utilizable.

Only YEQAY1C departure remains serviceable.

Procedimientos alternativos:

Alternative procedures:

- Nueva SID RNAV1: Ver Anexo 1 adjunto a este suplemento.
- Salidas de contingencia actualmente publicadas.

- New SID RNAV1: See Annex 1 attached to this supplement.
- Contingency departures currently published.

2.- GCXO SID 2 y SID 3 RWY 30

2.- GCXO SID 2 and SID 3 RWY 30

Sin afección.

No impact.

3.- GCXO STAR 1 RWY 12/30

3.- GCXO STAR 1 RWY 12/30

- Espera en BASUX (IAF) no utilizable.
- Espera en CANDE (IAF) basada en DVOR/DME LRO no utilizable. Alternativa: Espera en CANDE (IAF) basada en DVOR/DME TFN.

- BASUX (IAF) holding not usable.
- CANDE (IAF) holding over DVOR/DME LRO not usable. Alternative: CANDE (IAF) holding over DVOR/DME TFN.

4.- GCXO IAC

4.- GCXO IAC

Las siguientes maniobras quedan inutilizables:

The following manoeuvres are rendered unserviceable:

- IAC/1 ILS Z RWY 12: Aproximación inicial desde BASUX, espera en BASUX y marcaciones LRO.
- IAC/2 ILS Y RWY 12: Toda la carta.
- IAC/3 LOC RWY 12: Aproximación inicial desde BASUX, espera en BASUX y marcaciones LRO.
- IAC/5 ILS Y RWY 30: Toda la carta.
- IAC/7 VOR RWY 30: Toda la carta.

- IAC/1 ILS Z RWY 12: Initial approach from BASUX, holding over BASUX and LRO bearings.
- IAC/2 ILS Y RWY 12: All chart.
- IAC/3 LOC RWY 12: Initial approach from BASUX, holding over BASUX and LRO bearings.
- IAC/5 ILS Y RWY 30: All chart.
- IAC/7 VOR RWY 30: All chart.

- IAC/8 VOR: Toda la carta.

**Procedimientos alternativos:**

- IAC/1 ILS Z RW Y12: Aproximación inicial desde IAF DVOR/DME TFN.
- IAC/3 LOC RWY 12: Aproximación inicial desde IAF DVOR/DME TFN.
- IAC/4 ILS Z RWY 30: Referencias al DVOR/DME LRO no utilizables.
- IAC/6 LOC RWY 30: Referencias al DVOR/DME LRO no utilizables.

El resto de los procedimientos actualmente publicados en AIP-España estarán disponibles.

- IAC/8 VOR: All chart.

**Procedimientos alternativos:**

- IAC/1 ILS Z RW Y12: Initial approach from IAF DVOR/DME TFN.
- IAC/3 LOC RWY 12: Initial approach from IAF DVOR/DME TFN.
- IAC/4 ILS Z RWY 30: References to DVOR/DME LRO not usable.
- IAC/6 LOC RWY 30: References to DVOR/DME LRO not usable.

The rest of the procedures currently published in AIP Spain shall be available.

CARTA DE SALIDA NORMALIZADA  
VUELO POR INSTRUMENTOS (SID) RNAV1-OACI

VAR 4°23.5'W (2020)

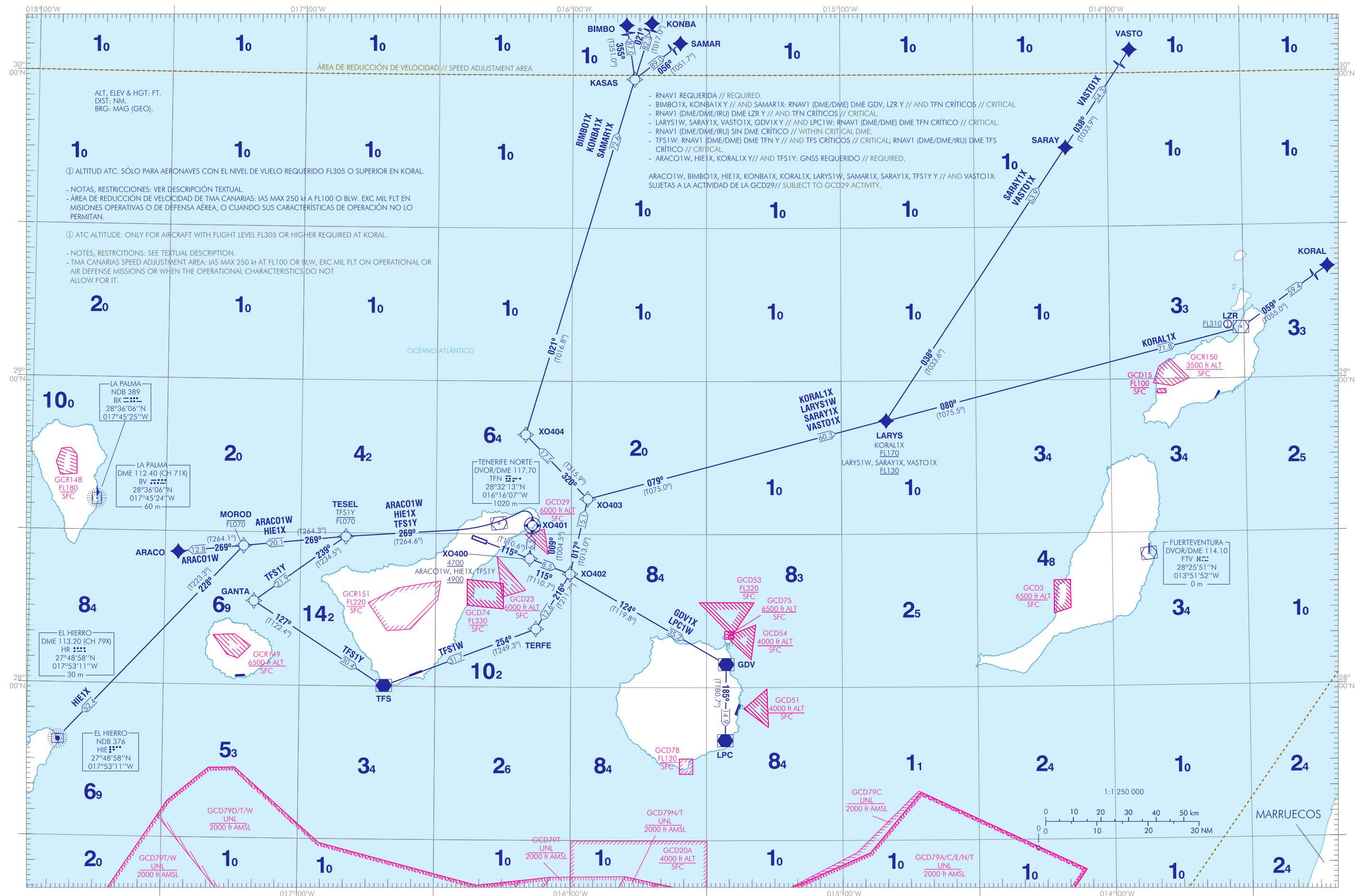
TA 6000

APP 124.800  
TWR 118.700

|         |         |         |
|---------|---------|---------|
| ARACO1W | BIMBO1X | GDV1X   |
| KORAL1X | LARYS1W | LPC1W   |
| TFS1W   | TFS1Y   | VASTO1X |

|         |         |
|---------|---------|
| HIE1X   | KONBA1X |
| SAMAR1X | SARAY1X |

WY 12



INTENCIONADAMENTE EN BLANCO  
INTENTIONALLY BLANK

## TENERIFE NORTE/Ciudad de La Laguna AD

| COORDENADAS WAYPOINTS // WAYPOINTS COORDINATES |                            |
|------------------------------------------------|----------------------------|
| WPT                                            | COORD                      |
| ARACO                                          | 28°25'57.1"N 017°27'08.4"W |
| BIMBO                                          | 31°25'17.2"N 016°01'58.4"W |
| GANTA                                          | 28°16'29.5"N 017°10'13.9"W |
| GDV                                            | 28°04'37.6"N 015°25'42.8"W |
| HIE                                            | 27°48'58.2"N 017°53'11.0"W |
| KASAS                                          | 29°59'11.1"N 015°46'07.4"W |
| KONBA                                          | 31°18'03.0"N 015°18'06.0"W |
| KORAL                                          | 29°43'53.1"N 012°34'42.0"W |
| LARYS                                          | 28°52'18.6"N 014°50'03.4"W |
| LPC                                            | 27°49'43.2"N 015°25'55.9"W |
| LZR                                            | 29°09'56.4"N 013°30'39.5"W |
| MOROD                                          | 28°27'16.6"N 017°12'39.5"W |
| SAMAR                                          | 30°53'59.0"N 014°24'56.0"W |
| SARAY                                          | 29°45'31.1"N 014°09'26.7"W |
| TERFE                                          | 28°11'25.5"N 016°07'46.1"W |
| TESEL                                          | 28°29'17.8"N 016°49'59.7"W |
| TFS                                            | 28°00'08.8"N 016°41'15.0"W |
| VASTO                                          | 30°30'34.0"N 013°34'22.0"W |
| XO400                                          | 28°25'12.5"N 016°09'13.1"W |
| XO401                                          | 28°31'41.6"N 016°08'38.7"W |
| XO402                                          | 28°22'12.5"N 016°00'14.5"W |
| XO403                                          | 28°36'54.8"N 015°56'22.8"W |
| XO404                                          | 28°49'29.9"N 016°10'14.0"W |

## SALIDAS NORMALIZADAS POR INSTRUMENTOS (SID) RNAV1

## PISTA 12

## NOTAS APLICABLES A TODAS LAS SALIDAS:

- RNAV1 requerida.
- IAS MAX 250 kt a FL100 o inferior.

## STANDARD INSTRUMENT DEPARTURES (SID) RNAV1

## RUNWAY 12

## NOTE APPLICABLE TO ALL DEPARTURES:

- RNAV1 required
- MAX IAS 250 kt FL100 or below.

| DESCRIPCIÓN TABULAR DEL PROCEDIMIENTO<br>PROCEDURE TABULAR DESCRIPTION                                                                                                                                                |                                              |                                                            |                        |                                        |                                           |                            |                                       |                          |                         |                   |                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|------------------------|----------------------------------------|-------------------------------------------|----------------------------|---------------------------------------|--------------------------|-------------------------|-------------------|----------------------------------------------------------|
| Número de serie<br>Serial number                                                                                                                                                                                      | Descriptor de trayectoria<br>Path Terminator | Identificador de punto de recorrido<br>Waypoint identifier | Sobrevuelo<br>Fly-over | Curso/ Derrota<br>Course/Track °M (°T) | Variación magnética<br>Magnetic variation | Distancia<br>Distance (NM) | Dirección de viraje<br>Turn direction | Altitud<br>Altitude (ft) | Velocidad<br>Speed (kt) | VPA/TCH<br>(°/ft) | Especificación de navegación<br>Navigation specification |
| <b>ARAC01W (GNSS)</b>                                                                                                                                                                                                 |                                              |                                                            |                        |                                        |                                           |                            |                                       |                          |                         |                   |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 5.0 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 5.0 % up to XO400, due to operational reasons. |                                              |                                                            |                        |                                        |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                            | +4.4                                      | -                          | -                                     | +4900                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO401                                                      | Y                      | 009 (004.5)                            | +4.4                                      | 6.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | CF                                           | TESEL                                                      | -                      | 269 (264.6)                            | +4.4                                      | -                          | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | MOROD                                                      | -                      | 269 (264.3)                            | +4.4                                      | 20.1                       | -                                     | -FL070                   | -                       | -                 | RNAV1                                                    |
| 005                                                                                                                                                                                                                   | TF                                           | ARACO                                                      | -                      | 269 (264.1)                            | +4.4                                      | 12.8                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |

| Número de serie<br>Serial number                                                                                                                                                                                                                                                                                                                                                                             | Descriptor de trayectoria<br>Path Terminator | Identificador de punto de recorrido<br>Waypoint identifier | Sobrevuelo<br>Fly-over | Curso / Derrota<br>Course/Track °M (°T) | Variación magnética<br>Magnetic variation | Distancia<br>Distance (NM) | Dirección de viraje<br>Turn direction | Altitud<br>Altitude (ft) | Velocidad<br>Speed (kt) | VPA/TCH<br>(°/ft) | Especificación de navegación<br>Navigation specification |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|------------------------|-----------------------------------------|-------------------------------------------|----------------------------|---------------------------------------|--------------------------|-------------------------|-------------------|----------------------------------------------------------|
| <b>BIMB01X</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons.                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 004                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO404                                                      | -                      | 320 (315.9)                             | +4.4                                      | 17.5                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 005                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | KASAS                                                      | -                      | 021 (016.8)                             | +4.4                                      | 72.6                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 006                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | BIMBO                                                      | -                      | 355 (351.0)                             | +4.4                                      | 87.0                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| <b>GDV1X</b>                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Minimum climb gradient 4.7 % up to XO400, due to operational reasons.                                                                                                                                                                                                                                                      |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | GDV                                                        | -                      | 124 (119.8)                             | +4.4                                      | 35.2                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| <b>HIE1X (GNSS)</b>                                                                                                                                                                                                                                                                                                                                                                                          |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 5.0 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 5.0 % up to XO400, due to operational reasons.                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4900                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO401                                                      | Y                      | 009 (004.5)                             | +4.4                                      | 6.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | TESEL                                                      | -                      | 269 (264.6)                             | +4.4                                      | -                          | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 004                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | MOROD                                                      | -                      | 269 (264.3)                             | +4.4                                      | 20.1                       | -                                     | -FL070                   | -                       | -                 | RNAV1                                                    |
| 005                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | HIE                                                        | -                      | 228 (223.3)                             | +4.4                                      | 52.4                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| <b>KONBA1X</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons.                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 004                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO404                                                      | -                      | 320 (315.9)                             | +4.4                                      | 17.5                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 005                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | KASAS                                                      | -                      | 021 (016.8)                             | +4.4                                      | 72.6                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 006                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | KONBA                                                      | -                      | 021 (017.0)                             | +4.4                                      | 82.3                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| <b>KORAL1X (GNSS)</b>                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. (1) Altitud ATC sólo para aeronaves con el nivel de vuelo requerido FL305 o superior en KORAL. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons. (1) ATC altitude only for aircraft with flight level FL305 or higher required at KORAL. |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 004                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | LARYS                                                      | -                      | 079 (075.0)                             | +4.4                                      | 60.3                       | -                                     | +FL170                   | -                       | -                 | RNAV1                                                    |
| 005                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | LZR                                                        | -                      | 080 (075.5)                             | +4.4                                      | 71.8                       | -                                     | +FL310 (1)               | -                       | -                 | RNAV1                                                    |
| 006                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | KORAL                                                      | -                      | 059 (055.0)                             | +4.4                                      | 59.4                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| <b>LARYS1W</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons.                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                                                                                                                                                                                                                                                                                                                                                          | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                 | RNAV1                                                    |
| 002                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 003                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                 | RNAV1                                                    |
| 004                                                                                                                                                                                                                                                                                                                                                                                                          | TF                                           | LARYS                                                      | -                      | 079 (075.0)                             | +4.4                                      | 60.3                       | -                                     | +FL130                   | -                       | -                 | RNAV1                                                    |

| Número de serie<br>Serial number                                                                                                                                                                                      | Descriptor de trayectoria<br>Path Terminator | Identificador de punto de recorrido<br>Waypoint identifier | Sobrevuelo<br>Fly-over | Curso / Derrota<br>Course/Track °M (°T) | Variación magnética<br>Magnetic variation | Distancia<br>Distance (NM) | Dirección de viraje<br>Turn direction | Altitud<br>Altitude (ft) | Velocidad<br>Speed (kt) | VPA/TCH<br>(°ft) | Especificación de navegación<br>Navegation specification |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|------------------------|-----------------------------------------|-------------------------------------------|----------------------------|---------------------------------------|--------------------------|-------------------------|------------------|----------------------------------------------------------|
| <b>LPC1W</b>                                                                                                                                                                                                          |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Minimum climb gradient 4.7 % up to XO400, due to operational reasons.                                                               |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | TF                                           | GDV                                                        | -                      | 124 (119.8)                             | +4.4                                      | 35.2                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | LPC                                                        | -                      | 185 (180.7)                             | +4.4                                      | 14.9                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| <b>SAMAR1X</b>                                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons. |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | XO404                                                      | -                      | 320 (315.9)                             | +4.4                                      | 17.5                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 005                                                                                                                                                                                                                   | TF                                           | KASAS                                                      | -                      | 021 (016.8)                             | +4.4                                      | 72.6                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 006                                                                                                                                                                                                                   | TF                                           | SAMAR                                                      | -                      | 056 (051.7)                             | +4.4                                      | 89.0                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| <b>SARAY1X</b>                                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons. |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | LARYS                                                      | -                      | 079 (075.0)                             | +4.4                                      | 60.3                       | -                                     | +FL130                   | -                       | -                | RNAV1                                                    |
| 005                                                                                                                                                                                                                   | TF                                           | SARAY                                                      | -                      | 038 (033.6)                             | +4.4                                      | 63.9                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| <b>TFS1W</b>                                                                                                                                                                                                          |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Minimum climb gradient 4.7 % up to XO400, due to operational reasons.                                                               |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | TF                                           | TERFE                                                      | -                      | 216 (211.7)                             | +4.4                                      | 12.6                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | TFS                                                        | -                      | 254 (249.3)                             | +4.4                                      | 31.7                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| <b>TFS1Y (GNSS)</b>                                                                                                                                                                                                   |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 5.0 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 5.0 % up to XO400, due to operational reasons. |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4900                    | -                       | -                | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO401                                                      | Y                      | 009 (004.5)                             | +4.4                                      | 6.5                        | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | CF                                           | TESEL                                                      | -                      | 269 (264.6)                             | +4.4                                      | -                          | -                                     | -FL070                   | -                       | -                | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | GANTA                                                      | -                      | 239 (234.5)                             | +4.4                                      | 21.9                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 005                                                                                                                                                                                                                   | TF                                           | TFS                                                        | -                      | 127 (122.4)                             | +4.4                                      | 30.4                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| <b>VAST01X</b>                                                                                                                                                                                                        |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| Sujeta a la actividad de la GCD29. Pendiente mínima de ascenso 4.7 % hasta XO400, debido a motivos operacionales. // Subject to GCD29 activity. Minimum climb gradient 4.7 % up to XO400, due to operational reasons. |                                              |                                                            |                        |                                         |                                           |                            |                                       |                          |                         |                  |                                                          |
| 001                                                                                                                                                                                                                   | CF                                           | XO400                                                      | -                      | 115 (110.6)                             | +4.4                                      | -                          | -                                     | +4700                    | -                       | -                | RNAV1                                                    |
| 002                                                                                                                                                                                                                   | TF                                           | XO402                                                      | -                      | 115 (110.7)                             | +4.4                                      | 8.5                        | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 003                                                                                                                                                                                                                   | TF                                           | XO403                                                      | -                      | 017 (013.0)                             | +4.4                                      | 15.1                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 004                                                                                                                                                                                                                   | TF                                           | LARYS                                                      | -                      | 079 (075.0)                             | +4.4                                      | 60.3                       | -                                     | +FL130                   | -                       | -                | RNAV1                                                    |
| 005                                                                                                                                                                                                                   | TF                                           | SARAY                                                      | -                      | 038 (033.6)                             | +4.4                                      | 63.9                       | -                                     | -                        | -                       | -                | RNAV1                                                    |
| 006                                                                                                                                                                                                                   | TF                                           | VASTO                                                      | -                      | 038 (033.9)                             | +4.4                                      | 54.3                       | -                                     | -                        | -                       | -                | RNAV1                                                    |

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