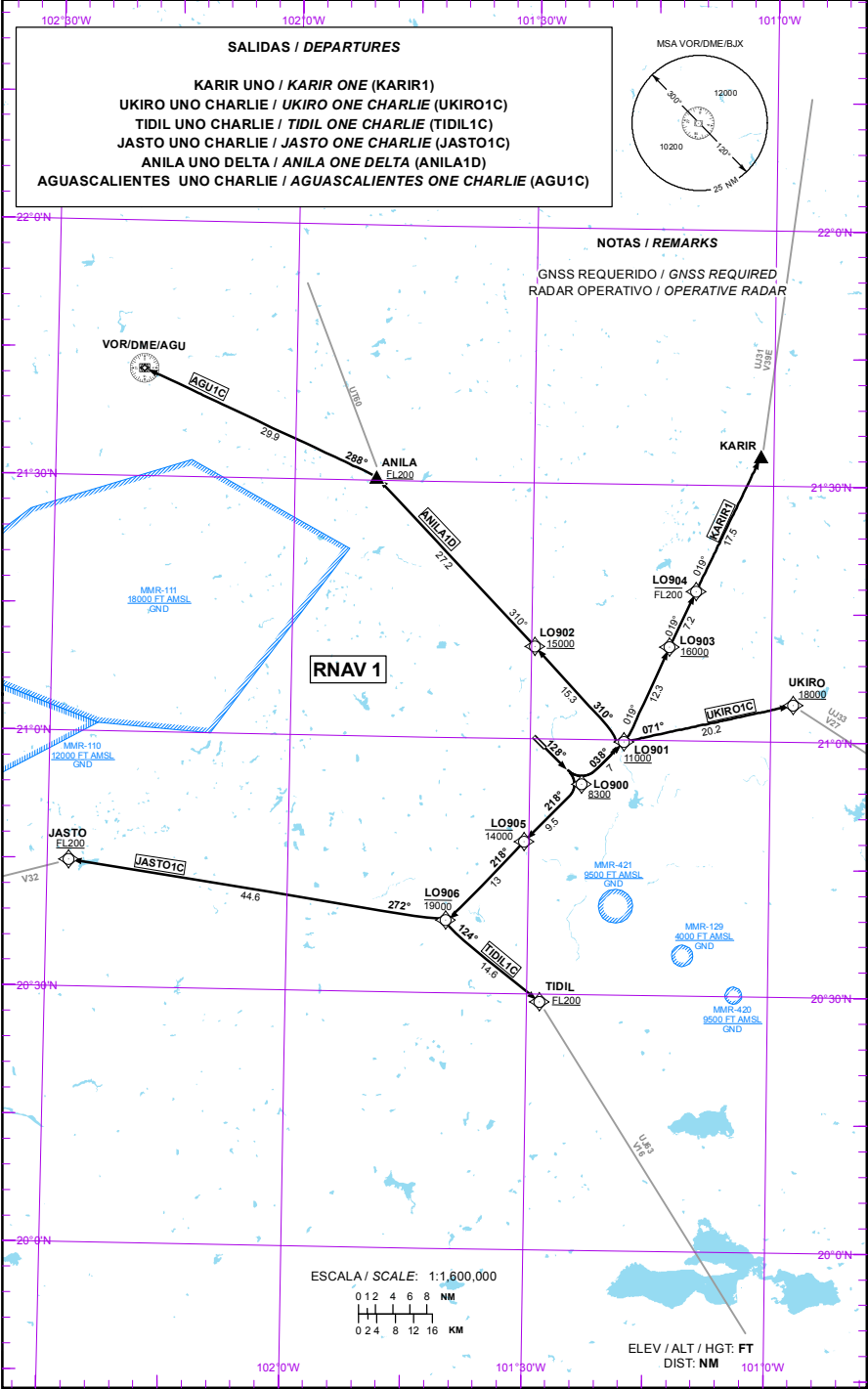


|      |        |
|------|--------|
| TWR  | 118.35 |
| APP  | 119.05 |
| ATIS | 128.4  |

RNAV DEPARTURE RWY 13

TA: 18500 FT



## TABLA DE CODIFICACIÓN DEL PROCEDIMIENTO DE SALIDA POR INSTRUMENTOS RNAV PISTA 13.

## RUNWAY 13 RNAV INSTRUMENT DEPARTURE PROCEDURE CODING TABLE.

## KARIR-1

| Número de serie / Serial Number | Descriptor de trayectoria / Path terminator | Identificador de punto de recorrido / Waypoint identifier | Sobrevuelo / Fly Over | Curso / derrota Course / Track *MAG (*T) | Variación Magnética / Magnetic variation (°) | Distancia / Distance (NM) | Dirección del Viraje / Turn direction | Altitud / Altitude (FT) | Velocidad / Velocity (KTS) | VPA (°) / TCH (FT) | Especificación de Navegación / Navigation specification |
|---------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------|---------------------------|---------------------------------------|-------------------------|----------------------------|--------------------|---------------------------------------------------------|
| 001                             | CF                                          | LO900                                                     | -                     | 128°(134.7)                              | -6                                           | -                         | -                                     | +8300                   | -                          | -                  | RNAV 1                                                  |
| 002                             | TF                                          | LO901                                                     | -                     | 038°(044.2)                              | -6                                           | 7                         | -                                     | +11000                  | -                          | -                  | RNAV 1                                                  |
| 003                             | TF                                          | LO903                                                     | -                     | 019°(024.8)                              | -6                                           | 12.3                      | -                                     | +16000                  | -                          | -                  | RNAV 1                                                  |
| 004                             | TF                                          | LO904                                                     | -                     | 019°(024.9)                              | -6                                           | 7.2                       | -                                     | -FL200                  | -                          | -                  | RNAV 1                                                  |
| 005                             | TF                                          | KARIR                                                     | -                     | 019°(024.9)                              | -6                                           | 17.5                      | -                                     | -                       | -                          | -                  | RNAV 1                                                  |

## UKIRO-1C

| Número de serie / Serial Number | Descriptor de trayectoria / Path terminator | Identificador de punto de recorrido / Waypoint identifier | Sobrevuelo / Fly Over | Curso / derrota Course / Track *MAG (*T) | Variación Magnética / Magnetic variation (°) | Distancia / Distance (NM) | Dirección del Viraje / Turn direction | Altitud / Altitude (FT) | Velocidad / Velocity (KTS) | VPA (°) / TCH (FT) | Especificación de Navegación / Navigation specification |
|---------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------|---------------------------|---------------------------------------|-------------------------|----------------------------|--------------------|---------------------------------------------------------|
| 001                             | CF                                          | LO900                                                     | -                     | 128°(134.7)                              | -6                                           | -                         | -                                     | +8300                   | -                          | -                  | RNAV 1                                                  |
| 002                             | TF                                          | LO901                                                     | -                     | 038°(044.2)                              | -6                                           | 7                         | -                                     | +11000                  | -                          | -                  | RNAV 1                                                  |
| 003                             | TF                                          | UKIRO                                                     | -                     | 071°(077.0)                              | -6                                           | 20.2                      | -                                     | +18000                  | -                          | -                  | RNAV 1                                                  |

## TIDIL-1C

| Número de serie / Serial Number | Descriptor de trayectoria / Path terminator | Identificador de punto de recorrido / Waypoint identifier | Sobrevuelo / Fly Over | Curso / derrota Course / Track *MAG (*T) | Variación Magnética / Magnetic variation (°) | Distancia / Distance (NM) | Dirección del Viraje / Turn direction | Altitud / Altitude (FT) | Velocidad / Velocity (KTS) | VPA (°) / TCH (FT) | Especificación de Navegación / Navigation specification |
|---------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------|---------------------------|---------------------------------------|-------------------------|----------------------------|--------------------|---------------------------------------------------------|
| 001                             | CF                                          | LO900                                                     | -                     | 128°(134.7)                              | -6                                           | -                         | -                                     | +8300                   | -                          | -                  | RNAV 1                                                  |
| 002                             | TF                                          | LO905                                                     | -                     | 218°(224.2)                              | -6                                           | 9.5                       | -                                     | -14000                  | -                          | -                  | RNAV 1                                                  |
| 003                             | TF                                          | LO906                                                     | -                     | 218°(224.2)                              | -6                                           | 13                        | -                                     | -19000                  | -                          | -                  | RNAV 1                                                  |
| 004                             | TF                                          | TIDIL                                                     | -                     | 124°(130.2)                              | -6                                           | 14.6                      | -                                     | +FL200                  | -                          | -                  | RNAV 1                                                  |

## JASTO-1C

| Número de serie / Serial Number | Descriptor de trayectoria / Path terminator | Identificador de punto de recorrido / Waypoint identifier | Sobrevuelo / Fly Over | Curso / derrota Course / Track *MAG (*T) | Variación Magnética / Magnetic variation (°) | Distancia / Distance (NM) | Dirección del Viraje / Turn direction | Altitud / Altitude (FT) | Velocidad / Velocity (KTS) | VPA (°) / TCH (FT) | Especificación de Navegación / Navigation specification |
|---------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------|---------------------------|---------------------------------------|-------------------------|----------------------------|--------------------|---------------------------------------------------------|
| 001                             | CF                                          | LO900                                                     | -                     | 128°(134.7)                              | -6                                           | -                         | -                                     | +8300                   | -                          | -                  | RNAV 1                                                  |
| 002                             | TF                                          | LO905                                                     | -                     | 218°(224.2)                              | -6                                           | 9.5                       | -                                     | -14000                  | -                          | -                  | RNAV 1                                                  |
| 003                             | TF                                          | LO906                                                     | -                     | 218°(224.2)                              | -6                                           | 13                        | -                                     | -19000                  | -                          | -                  | RNAV 1                                                  |
| 004                             | TF                                          | JASTO                                                     | -                     | 272°(278.3)                              | -6                                           | 44.6                      | -                                     | +FL200                  | -                          | -                  | RNAV 1                                                  |

## AGU-1C

| Número de serie / Serial Number | Descriptor de trayectoria / Path terminator | Identificador de punto de recorrido / Waypoint identifier | Sobrevuelo / Fly Over | Curso / derrota Course / Track *MAG (*T) | Variación Magnética / Magnetic variation (°) | Distancia / Distance (NM) | Dirección del Viraje / Turn direction | Altitud / Altitude (FT) | Velocidad / Velocity (KTS) | VPA (°) / TCH (FT) | Especificación de Navegación / Navigation specification |
|---------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------|---------------------------|---------------------------------------|-------------------------|----------------------------|--------------------|---------------------------------------------------------|
| 001                             | CF                                          | LO900                                                     | -                     | 128°(134.7)                              | -6                                           | -                         | -                                     | +8300                   | -                          | -                  | RNAV 1                                                  |
| 002                             | TF                                          | LO901                                                     | -                     | 038°(044.2)                              | -6                                           | 7                         | -                                     | +11000                  | -                          | -                  | RNAV 1                                                  |
| 003                             | TF                                          | LO902                                                     | -                     | 310°(316.2)                              | -6                                           | 15.3                      | -                                     | +15000                  | -                          | -                  | RNAV 1                                                  |
| 004                             | TF                                          | ANILA                                                     | -                     | 310°(316.1)                              | -6                                           | 27.2                      | -                                     | +FL200                  | -                          | -                  | RNAV 1                                                  |
| 005                             | TF                                          | VOR/DME/AGU                                               | -                     | 288°(294.1)                              | -6                                           | 29.9                      | -                                     | -                       | -                          | -                  | RNAV 1                                                  |

## ANILA-1D

| Número de serie / Serial Number | Descriptor de trayectoria / Path terminator | Identificador de punto de recorrido / Waypoint identifier | Sobrevuelo / Fly Over | Curso / derrota Course / Track *MAG (*T) | Variación Magnética / Magnetic variation (°) | Distancia / Distance (NM) | Dirección del Viraje / Turn direction | Altitud / Altitude (FT) | Velocidad / Velocity (KTS) | VPA (°) / TCH (FT) | Especificación de Navegación / Navigation specification |
|---------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------|------------------------------------------|----------------------------------------------|---------------------------|---------------------------------------|-------------------------|----------------------------|--------------------|---------------------------------------------------------|
| 001                             | CF                                          | LO900                                                     | -                     | 128°(134.7)                              | -6                                           | -                         | -                                     | +8300                   | -                          | -                  | RNAV 1                                                  |
| 002                             | TF                                          | LO901                                                     | -                     | 038°(044.2)                              | -6                                           | 7                         | -                                     | +11000                  | -                          | -                  | RNAV 1                                                  |
| 003                             | TF                                          | LO902                                                     | -                     | 310°(316.2)                              | -6                                           | 15.3                      | -                                     | +15000                  | -                          | -                  | RNAV 1                                                  |
| 004                             | TF                                          | ANILA                                                     | -                     | 310°(316.1)                              | -6                                           | 27.2                      | -                                     | +FL200                  | -                          | -                  | RNAV 1                                                  |

LAS SALIDAS KARIR-1, UKIRO-1C, TIDIL-1C, JASTO-1C, AGU-1C Y ANILA-1D REQUIEREN UN GRADIENTE MINIMO DE ASCENSO DE 380 FT/NM (6.3%) HASTA ALCANZAR 16000 FT. (THE SID'S KARIR-1, UKIRO-1C, TIDIL-1C, JASTO-1C, AGU-1C AND ANILA-1D REQUIRE A MINIMUM CLIMB GRADIENT OF 380 FT/NM (6.3%) UNTIL CROSSING 16000 FT)

## REGIMEN DE ASCENSO / RATE OF CLIMB

\*PDG: PENDIENTE DE DISEÑO DEL PROCEDIMIENTO / PROCEDURE DESIGN GRADIENT

| *PDG VEL (GS) KTS | 80  | 100 | 120 | 140 | 160  | 180  | 200  |
|-------------------|-----|-----|-----|-----|------|------|------|
| FT/MIN            | 507 | 633 | 760 | 887 | 1013 | 1140 | 1267 |

COORDENADAS DE LOS PUNTOS DE RECORRIDO  
WAYPOINT COORDINATES

| Punto de recorrido /<br>Waypoint | Coordenadas /<br>Coordinates  | Punto de recorrido /<br>Waypoint | Coordenadas /<br>Coordinates  | Punto de recorrido /<br>Waypoint | Coordenadas /<br>Coordinates    |
|----------------------------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|---------------------------------|
| ANILA                            | 21°30'28.0"N<br>101°49'49.0"W | LO902                            | 21°10'49.9"N<br>101°29'37.7"W | TIDIL                            | 20°29'07.2"N<br>101°28'23.3"W   |
| JASTO                            | 20°44'53.1"N<br>102°27'20.7"W | LO903                            | 21°10'58.9"N<br>101°12'47.7"W | UKIRO                            | 21°04'18.7"N<br>100°57'14.3"W   |
| KARIR                            | 21°33'28.7"N<br>101°01'38.7"W | LO904                            | 21°17'32.2"N<br>101°09'33.2"W | VOR/DME/AGU                      | 21°42'41.04"N<br>102°19'08.57"W |
| LO900                            | 20°54'44.5"N<br>101°23'32.2"W | LO905                            | 20°47'53.9"N<br>101°30'36.0"W |                                  |                                 |
| LO901                            | 20°59'46.8"N<br>101°18'19.4"W | LO906                            | 20°38'33.0"N<br>101°40'13.5"W |                                  |                                 |