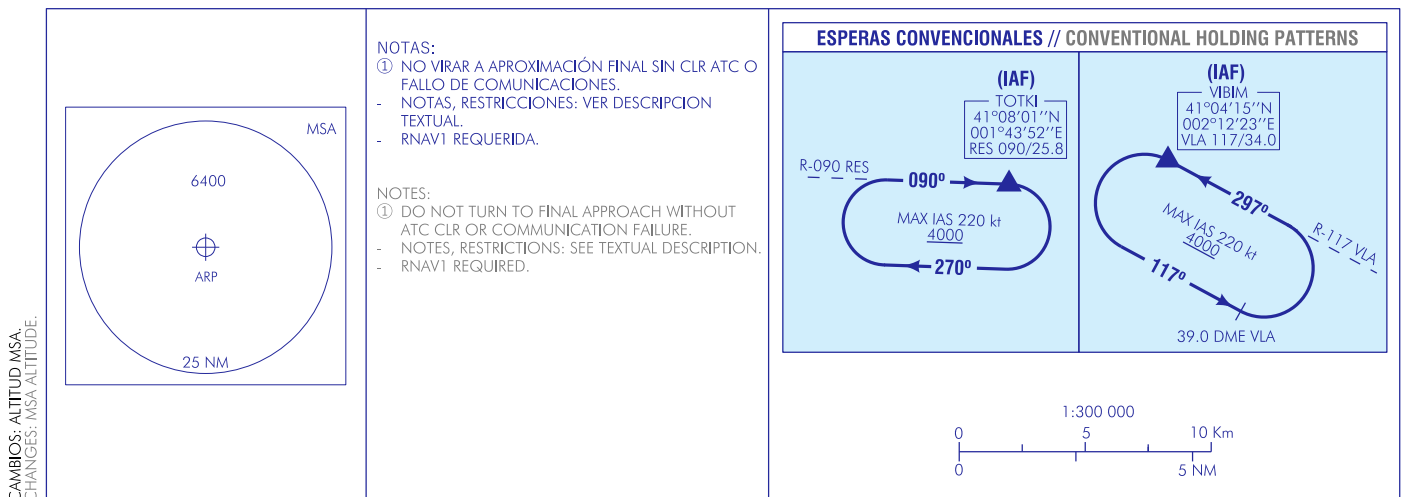
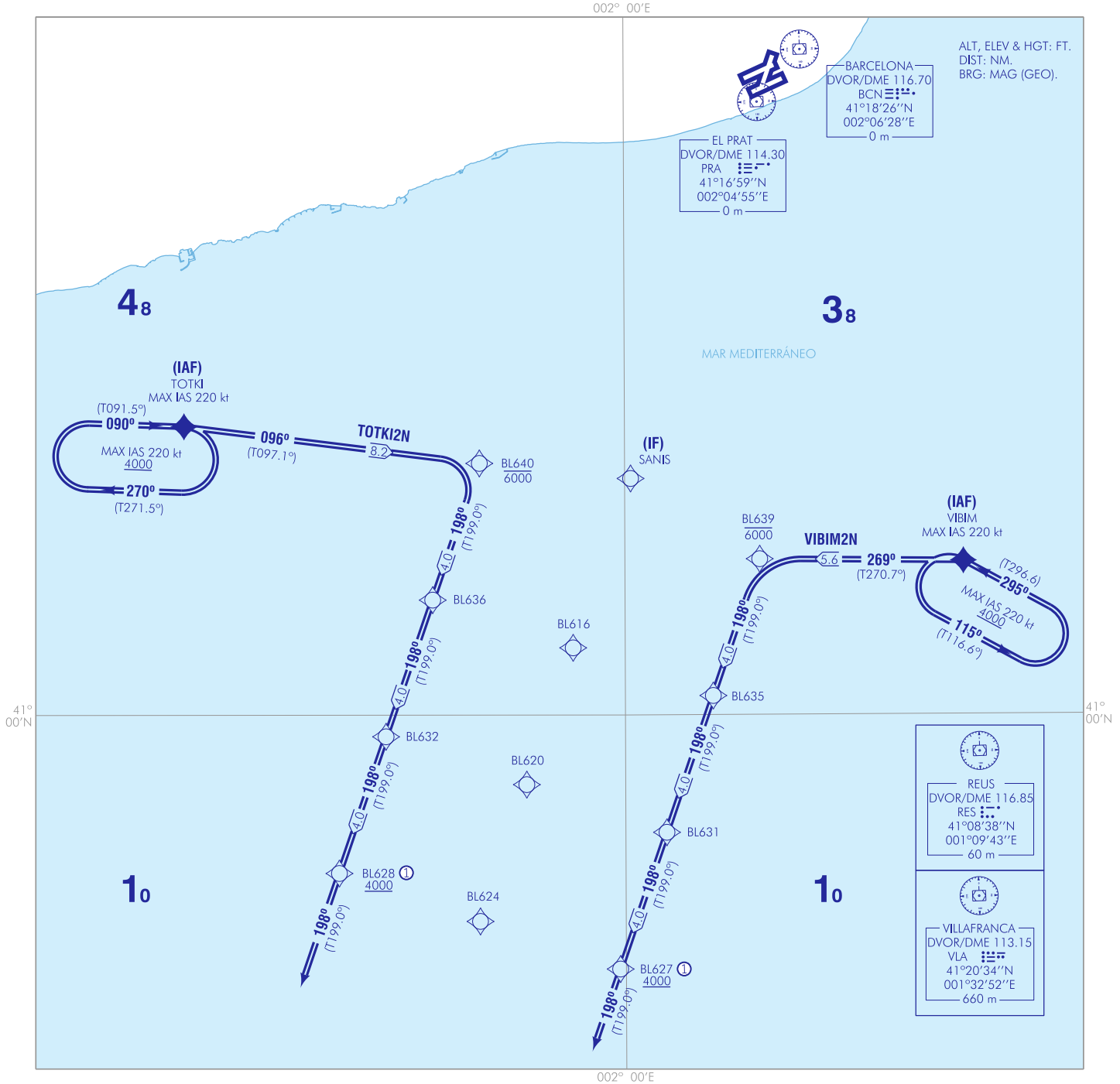




BARCELONA/Josep Tarradellas Barcelona-El Prat AD

| COORDENADAS WAYPOINTS // WAYPOINTS COORDINATES |                            |
|------------------------------------------------|----------------------------|
| WPT                                            | COORD                      |
| BL616                                          | 41°01'51.9"N 001°58'05.8"E |
| BL620                                          | 40°58'04.7"N 001°56'23.1"E |
| BL624                                          | 40°54'17.5"N 001°54'40.6"E |
| BL627                                          | 40°52'57.6"N 001°59'47.3"E |
| BL628                                          | 40°55'37.8"N 001°49'31.8"E |
| BL631                                          | 40°56'44.7"N 002°01'30.0"E |
| BL632                                          | 40°59'24.9"N 001°51'14.6"E |
| BL635                                          | 41°00'31.8"N 002°03'13.0"E |
| BL636                                          | 41°03'12.0"N 001°52'57.6"E |
| BL639                                          | 41°04'18.9"N 002°04'56.2"E |
| BL640                                          | 41°06'59.1"N 001°54'40.8"E |
| SANIS (IF)                                     | 41°06'33.2"N 002°00'13.1"E |
| TOTKI (IAF)                                    | 41°08'00.8"N 001°43'51.7"E |
| VIBIM (IAF)                                    | 41°04'15.2"N 002°12'23.4"E |

TRANSICIÓN A LA APROXIMACIÓN FINAL (TRAN) RNAV1

PISTA 02

NOTAS:

- Para los tramos de aproximación intermedio, final y frustrada referirse a las cartas de aproximación por instrumentos ILS o LOC o RNP.
- En el tramo de alejamiento de la transición, esperar guía vectorial a aproximación final.
- Restricciones de velocidad obligatorias excepto CLR ATC alternativa.
- Velocidad máxima en viraje final 200 kt desde el tramo de alejamiento.
- Transiciones a la aproximación final de uso táctico ATC.
- RNAV1 requerida.

FALLO DE COMUNICACIONES:

Continuar con la transición en descenso hasta el último nivel colacionado.

Sobrevolar el último fijo del tramo de alejamiento BL628/BL627 y mantener el último curso durante 2 minutos.

Virar izquierda/derecha directo a BL624, proceder directo a SANIS.

En curso a SANIS, iniciar descenso a 2000 ft y completar procedimiento de aproximación instrumental publicado para RWY 02.

TRANSITION TO FINAL APPROACH (TRAN) RNAV1

RUNWAY 02

NOTES:

- For the intermediate, final and missed approach segments, refer to the ILS or LOC or RNP instrument approach chart.
- In the outbound leg of the transition, wait for a vectoring guidance to final approach.
- Speed restrictions mandatory except alternative ATC CLR.
- Maximum speed in final turn 200 kt from the outbound leg.
- Transitions to the final approach for ATC tactical use.
- RNAV1 required.

COMMUNICATION FAILURE:

Continue with the transition descending to the last read-back level.

Overfly the last fix of outbound leg BL628/BL627 and maintain the track for 2 minutes.

Turn left/right direct to BL624, proceed direct to SANIS.

On course to SANIS, begin the descent at 2000 ft and complete the published instrument approach procedure to RWY 02.



| 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>TOTKI2N RNAV1</b>                                                   |                                              |                                                            |                        |                                       |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                    | IF                                           | TOTKI                                                      | —                      | —                                     | -1.2                                      | —                          | —                                     | —                        | -220                    | —                 | RNAV1                                                    |
| 002                                                                    | TF                                           | BL640                                                      | —                      | 096 (097.1)                           | -1.2                                      | 8.2                        | —                                     | -6000                    | —                       | —                 | RNAV1                                                    |
| 003                                                                    | TF                                           | BL636                                                      | —                      | 198 (199.0)                           | -1.2                                      | 4.0                        | —                                     | —                        | —                       | —                 | RNAV1                                                    |
| 004                                                                    | TF                                           | BL632                                                      | —                      | 198 (199.0)                           | -1.2                                      | 4.0                        | —                                     | —                        | —                       | —                 | RNAV1                                                    |
| 005                                                                    | TF                                           | BL628                                                      | —                      | 198 (199.0)                           | -1.2                                      | 4.0                        | —                                     | —                        | —                       | —                 | RNAV1                                                    |
| 006                                                                    | FM                                           | BL628                                                      | —                      | 198 (199.0)                           | -1.2                                      | —                          | —                                     | +4000                    | —                       | —                 | RNAV1                                                    |
| <b>VIBIM2N RNAV1</b>                                                   |                                              |                                                            |                        |                                       |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                                                    | IF                                           | VIBIM                                                      | —                      | —                                     | -1.2                                      | —                          | —                                     | —                        | -220                    | —                 | RNAV1                                                    |
| 002                                                                    | TF                                           | BL639                                                      | —                      | 269 (270.7)                           | -1.2                                      | 5.6                        | —                                     | -6000                    | —                       | —                 | RNAV1                                                    |
| 003                                                                    | TF                                           | BL635                                                      | —                      | 198 (199.0)                           | -1.2                                      | 4.0                        | —                                     | —                        | —                       | —                 | RNAV1                                                    |
| 004                                                                    | TF                                           | BL631                                                      | —                      | 198 (199.0)                           | -1.2                                      | 4.0                        | —                                     | —                        | —                       | —                 | RNAV1                                                    |
| 005                                                                    | TF                                           | BL627                                                      | —                      | 198 (199.0)                           | -1.2                                      | 4.0                        | —                                     | —                        | —                       | —                 | RNAV1                                                    |
| 006                                                                    | FM                                           | BL627                                                      | —                      | 198 (199.0)                           | -1.2                                      | —                          | —                                     | +4000                    | —                       | —                 | RNAV1                                                    |



| CIRCUITOS DE ESPERA // HOLDING PATTERN       |                                                            |                        |                                       |                                           |                                                                   |                                       |                                  |                                  |                         |                                                          |
|----------------------------------------------|------------------------------------------------------------|------------------------|---------------------------------------|-------------------------------------------|-------------------------------------------------------------------|---------------------------------------|----------------------------------|----------------------------------|-------------------------|----------------------------------------------------------|
| 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>Tiempo de alejamiento<br>Distance/<br>Outbound time | Dirección de viraje<br>Turn direction | Altitud MNM<br>MNM altitude (ft) | Altitud MAX<br>MAX altitude (ft) | Velocidad<br>Speed (kt) | Especificación de navegación<br>Navigation specification |
| HM                                           | TOTKI                                                      | —                      | 090 (091.5)                           | -1.2                                      | 1 MIN                                                             | R                                     | 4000                             | —                                | -220                    | RNAV1                                                    |
| HM                                           | VIBIM                                                      | —                      | 295 (296.6)                           | -1.2                                      | 1 MIN                                                             | L                                     | 4000                             | —                                | -220                    | RNAV1                                                    |

**INTENCIONADAMENTE EN BLANCO**  
**INTENTIONALLY BLANK**