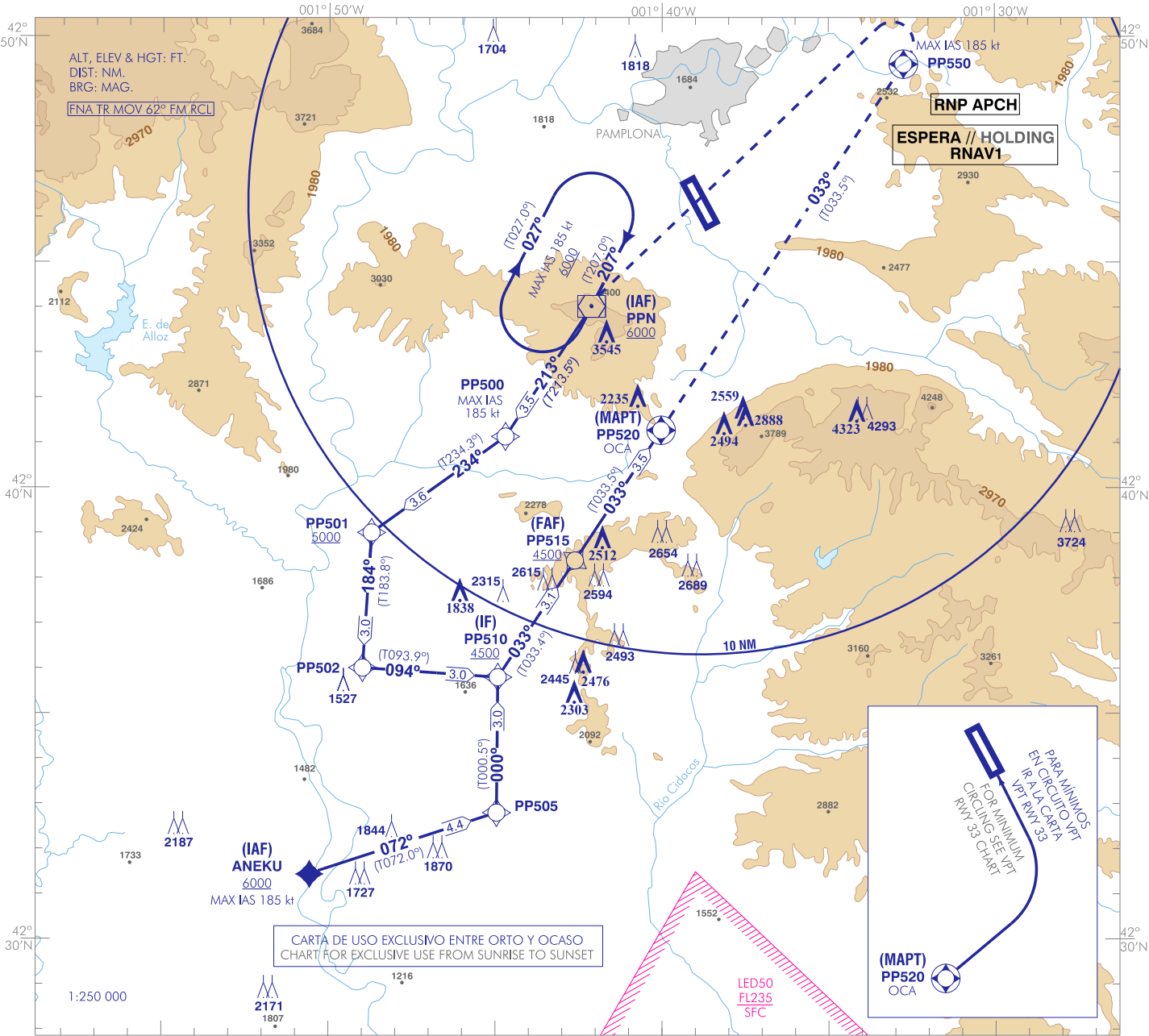


CARTA DE APROXIMACIÓN  
POR INSTRUMENTOS-OACI

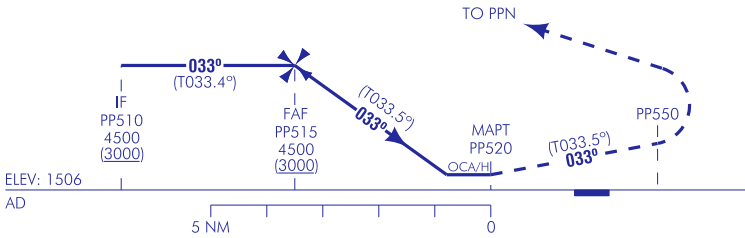
ELEV AD  
1506 ft  
VAR 0° (2020)

APP/TWR 118.200 MHz  
GMC 121.705 C

PAMPLONA  
RNP  
RWY 33



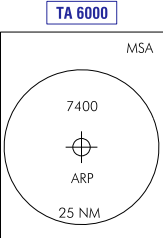
**FRUSTRADA:** ASCENDER EN CURSO MAGNÉTICO 033° HASTA PP550. VIRAR A LA IZQUIERDA (IAS MAX 185 kt), DIRECTO A PPN INTEGRÁNDOSE A LA ESPERA A 6000.  
**MISSED APCH:** CLIMB ON MAGNETIC COURSE 033° UP TO PP550. TURN LEFT (MAX IAS 185 kt), DIRECT TO PPN TO JOIN THE HOLDING AT 6000.



| HGT REF ELEV AD                     |      |      | A                                                                                   | B              | C              | D |
|-------------------------------------|------|------|-------------------------------------------------------------------------------------|----------------|----------------|---|
| STA                                 | LNAV | 2.5% | RESTRINGIDA A OCA/H DE LA DERROTA POR ANGULO DE LA DERROTA ENTRE FNA Y RCL EXCESIVO |                |                |   |
|                                     |      |      | RESTRICTED TO CIRCUIT OCA/H DUE TO EXCESSIVE ANGLE OF TRACK BTN FNA AND RCL         |                |                |   |
| En circuito VPT RWY 33 (H) sobre AD |      |      | 3000<br>(1500)                                                                      | 3010<br>(1510) | 3330<br>(1830) |   |
| Circling VPT RWY 33 (H) over AD     |      |      |                                                                                     |                |                |   |

| GS        | kt     | 80 | 100 | 120 | 140 | 160 | 180 |
|-----------|--------|----|-----|-----|-----|-----|-----|
| FAF-THR:  | min:s  |    |     |     |     |     |     |
| FAF-MAPT: | min:s  |    |     |     |     |     |     |
| ROD:      | ft/min |    |     |     |     |     |     |

| ALT/HGT DME ( ) FNA |    |    |    |   |   |   |   |   |   |   |
|---------------------|----|----|----|---|---|---|---|---|---|---|
| 13                  | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 |
|                     |    |    |    |   |   |   |   |   |   |   |



PAMPLONA AD

REQUISITOS DE LA BASE DE DATOS AERONÁUTICA  
AERONAUTICAL DATABASE REQUIREMENTS

PROCEDIMIENTOS DE APROXIMACIÓN POR INSTRUMENTOS // INSTRUMENT APPROACH PROCEDURES

RNP RWY 33

| COORDENADAS WAYPOINTS // WAYPOINTS COORDINATES                                |  |  |  |  |  |                        |  |  |  |  |  |
|-------------------------------------------------------------------------------|--|--|--|--|--|------------------------|--|--|--|--|--|
| WPT                                                                           |  |  |  |  |  | COORD                  |  |  |  |  |  |
| ANEKU (IAF)                                                                   |  |  |  |  |  | 423127.6N 00150 34.0 W |  |  |  |  |  |
| PP500                                                                         |  |  |  |  |  | 4241 08.4N 0014442.2W  |  |  |  |  |  |
| PP501                                                                         |  |  |  |  |  | 4239 00.6N 00148 43.2W |  |  |  |  |  |
| PP502                                                                         |  |  |  |  |  | 4236 00.9N 00148 59.2W |  |  |  |  |  |
| PP505                                                                         |  |  |  |  |  | 4232 48.3N 00144 57.8W |  |  |  |  |  |
| PP510 (IF)                                                                    |  |  |  |  |  | 423548.4N 00144 55.7W  |  |  |  |  |  |
| PP515 (FAF)                                                                   |  |  |  |  |  | 423823.7N 001 4236.9W  |  |  |  |  |  |
| PP520 (MAPT)                                                                  |  |  |  |  |  | 424116.8N 0014001.9W   |  |  |  |  |  |
| PP550                                                                         |  |  |  |  |  | 424923.4N 0013244.5W   |  |  |  |  |  |
| PPN (IAF)                                                                     |  |  |  |  |  | 4244 01.5N 0014207.2 W |  |  |  |  |  |
| Aproximación final de no precisión (LNAV) - Pendiente (Ángulo de descenso) // |  |  |  |  |  |                        |  |  |  |  |  |
| Non-precision final approach (LNAV) - Slope (Descent angle)                   |  |  |  |  |  |                        |  |  |  |  |  |

| DESCRIPCIÓN TABULAR DEL PROCEDIMIENTO |                                              |                                                            |                        |                                        |                                           |                            |                                       |                          |                         |                   |                                                          |
|---------------------------------------|----------------------------------------------|------------------------------------------------------------|------------------------|----------------------------------------|-------------------------------------------|----------------------------|---------------------------------------|--------------------------|-------------------------|-------------------|----------------------------------------------------------|
| 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 |
| ANEKU (IAF)                           |                                              |                                                            |                        |                                        |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                   | IF                                           | ANEKU                                                      | -                      | -                                      | 0.0                                       | -                          | -                                     | +6000                    | -185                    | -                 | RNP APCH                                                 |
| 002                                   | TF                                           | PP505                                                      | -                      | 072 (072.0)                            | 0.0                                       | 4.4                        | -                                     | -                        | -                       | -                 | RNP APCH                                                 |
| 003                                   | TF                                           | PP510                                                      | -                      | 000 (000.5)                            | 0.0                                       | 3.0                        | -                                     | -                        | -                       | -                 | RNP APCH                                                 |
| 004                                   | TF                                           | PP515                                                      | -                      | 033 (033.4)                            | 0.0                                       | 3.1                        | -                                     | +4500                    | -                       | -                 | RNP APCH                                                 |
| 005                                   | TF                                           | PP520                                                      | Y                      | 033 (033.5)                            | 0.0                                       | 3.5                        | -                                     | +3000                    | -                       | -                 | RNP APCH                                                 |
| 006                                   | CF                                           | PP550                                                      | Y                      | 033 (033.5)                            | 0.0                                       | -                          | -                                     | -                        | -                       | -                 | RNP APCH                                                 |
| 007                                   | DF                                           | PPN                                                        | -                      | -                                      | 0.0                                       | -                          | L                                     | +6000                    | -185                    | -                 | RNP APCH                                                 |
| PPN (IAF)                             |                                              |                                                            |                        |                                        |                                           |                            |                                       |                          |                         |                   |                                                          |
| 001                                   | IF                                           | PPN                                                        | -                      | -                                      | 0.0                                       | -                          | -                                     | +6000                    | -                       | -                 | RNP APCH                                                 |
| 002                                   | TF                                           | PP500                                                      | -                      | 213 (213.5)                            | 0.0                                       | 3.5                        | -                                     | -                        | -185                    | -                 | RNP APCH                                                 |
| 003                                   | TF                                           | PP501                                                      | -                      | 234 (234.3)                            | 0.0                                       | 3.6                        | -                                     | +5000                    | -                       | -                 | RNP APCH                                                 |
| 004                                   | TF                                           | PP502                                                      | -                      | 184 (183.8)                            | 0.0                                       | 3.0                        | -                                     | -                        | -                       | -                 | RNP APCH                                                 |
| 005                                   | TF                                           | PP510                                                      | -                      | 094 (093.9)                            | 0.0                                       | 3.0                        | -                                     | -                        | -                       | -                 | RNP APCH                                                 |
| 006                                   | TF                                           | PP515                                                      | -                      | 033 (033.4)                            | 0.0                                       | 3.1                        | -                                     | +4500                    | -                       | -                 | RNP APCH                                                 |
| 007                                   | TF                                           | PP520                                                      | Y                      | 033 (033.5)                            | 0.0                                       | 3.5                        | -                                     | +3000                    | -                       | -                 | RNP APCH                                                 |
| 008                                   | CF                                           | PP550                                                      | Y                      | 033 (033.5)                            | 0.0                                       | -                          | -                                     | -                        | -                       | -                 | RNP APCH                                                 |
| 009                                   | DF                                           | PPN                                                        | -                      | -                                      | 0.0                                       | -                          | L                                     | +6000                    | -185                    | -                 | RNP APCH                                                 |

| 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                                           | PPN                                                        | -                      | 207 (207.0)                           | 0.0                                       | 1 MIN                                                             | R                                     | 6000                              | -                                | -185                    | RNAV1                                                    |  |