

| <i>Tipo de ayuda<br/>MAG VAR<br/>Tipo de<br/>ILS/MLS</i> | <i>ID</i> | <i>Frecuencia</i> | <i>Horas de<br/>funcionamiento</i> | <i>Coordenadas<br/>del<br/>emplazamiento<br/>de la antena<br/>transmisora</i> | <i>Elevación<br/>de la antena<br/>transmisora<br/>del DME</i> | <i>Servicio<br/>volumen<br/>radio<br/>de GBAS<br/>referencia<br/>Punto</i> | <i>Observ.</i> |
|----------------------------------------------------------|-----------|-------------------|------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|----------------|
| <i>Type of aid<br/>MAG VAR<br/>CAT of<br/>ILS/MLS</i>    | <i>ID</i> | <i>Frequency</i>  | <i>Hours of<br/>operation</i>      | <i>Site of<br/>transmitting<br/>antenna<br/>coordinates</i>                   | <i>Elevation<br/>of DME<br/>transmitting<br/>antenna</i>      | <i>Service<br/>volume<br/>radius<br/>from GBAS<br/>reference<br/>Point</i> | <i>Remarks</i> |
| 1                                                        | 2         | 3                 | 4                                  | 5                                                                             | 6                                                             | 7                                                                          | 8              |
| NIL                                                      | NIL       | NIL               | NIL                                | NIL                                                                           | NIL                                                           | NIL                                                                        | NIL            |

**MUBA AD 2.20 REGLAMENTO LOCAL DEL AERODROMO**  
**MUBA AD 2.20 LOCAL AERODROME REGULATIONS**

NIL

NIL

**MUBA AD 2.21 PROCEDIMIENTOS DE ATENUACION DEL RUIDO**  
**MUBA AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

NIL

**MUBA AD 2.22 PROCEDIMIENTOS DE VUELO**  
**MUBA AD 2.22 FLIGHT PROCEDURES**

NIL

NIL

**MUBA AD 2.23 INFORMACION ADICIONAL**  
**MUBA AD 2.23 ADDITIONAL INFORMATION**

**COORDENADAS DE LOS PUNTOS DE RECORRIDO / WAYPOINTS COORDINATES**  
**AD MUBA**

| <b>Punto de recorrido/<br/>Waypoint name</b> | <b>Latitud (N)</b> | <b>Longitud (W)</b> | <b>Propósito / Purpose</b> |
|----------------------------------------------|--------------------|---------------------|----------------------------|
| ALKUS                                        | 20°33'49.84"       | 074°36'15.84"       | RNP RWY16                  |
| BA816                                        | 20°29'17.00"       | 074°34'00.63"       | RNP RWY16                  |
| BA820                                        | 20°28'49.95"       | 074°16'00.92"       | RNP RWY16, RNP RWY34       |
| BA834                                        | 20°14'34.30"       | 074°26'44.20"       | RNP RWY34                  |
| DULBU                                        | 20°10'01.33"       | 074°24'29.55"       | RNP RWY34                  |

**MUBA AD 2.24 CARTAS RELATIVAS AL AERODROMO**  
**MUBA AD 2.24 CHARTS RELATED TO AN AERODROME**

| <i>Charts</i>           | <i>Pages</i>    |
|-------------------------|-----------------|
| AD 2 MUBA ADC.pdf       | AD 2 MUBA 2 - 1 |
| AD 2 MUBA RNP RWY16.pdf | AD 2 MUBA 7 - 1 |
| AD 2 MUBA RNP RWY34.pdf | AD 2 MUBA 7 - 5 |
| AD 2 MUBA VAC.pdf       | AD 2 MUBA 9 - 1 |

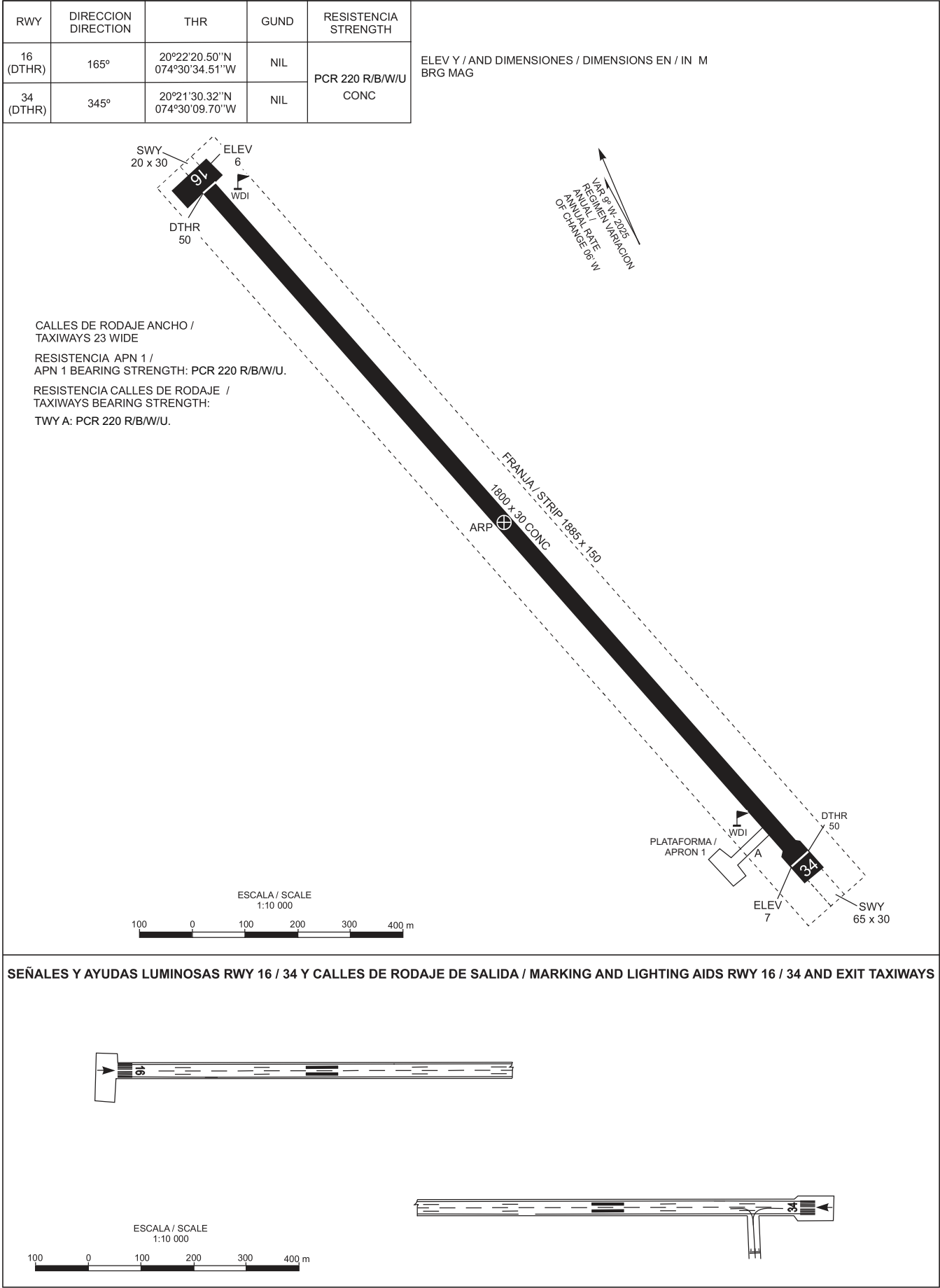
PLANO DE AERODROMO - OACI /  
AERODROME CHART - ICAO

20°21'55"N  
074°30'22"W

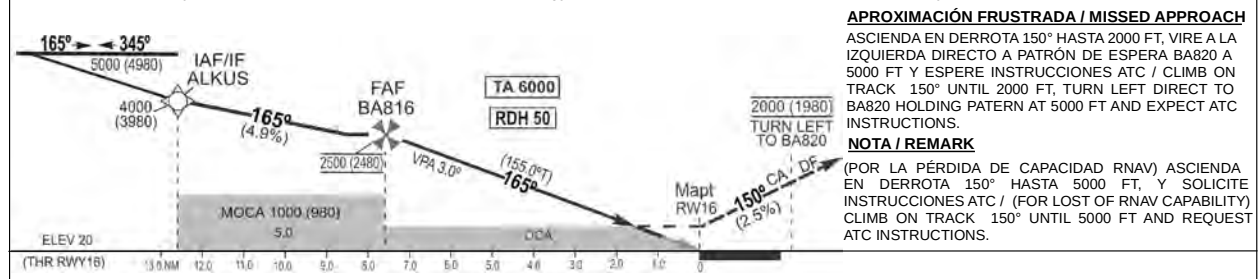
ELEV 8

TWR 122.500

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RNP (LNAV/VNAV, LNAV)  
RWY 16  
CAT A, B



|                      |                    |   |                           |                |                |                |                |                |              |      |
|----------------------|--------------------|---|---------------------------|----------------|----------------|----------------|----------------|----------------|--------------|------|
| OCA(H)               | A                  | B | DISTANCIA/<br>DISTANCE NM | KT             | 80             | 100            | 120            | 140            | 160          | 180  |
| LNAV / VNAV          | 480 (460) 2.1 KM   |   | FAF - RW16 7.6            | MIN<br>SEC     | 5:43           | 4:35           | 3:49           | 3:17           | 2:52         | 2:33 |
| LNAV                 | 560 (540) 2.4 KM   |   | VSP GS 3.00°              | FT<br>MIN      | 430            | 530            | 640            | 740            | 850          | 960  |
| CIRCULAR<br>CIRCLING | 1400 (1374) 7.7 KM |   | NM to RW16                | 7.0 NM         | 6.0 NM         | 5.0 NM         | 4.0 NM         | 3.0 NM         | 2.0 NM       |      |
|                      |                    |   | ALT / (HGT)               | 2300<br>(2280) | 1980<br>(1960) | 1660<br>(1640) | 1340<br>(1320) | 1030<br>(1010) | 710<br>(690) |      |

TABLAS DE CODIFICACIÓN DEL PROCEDIMIENTO DE APROXIMACIÓN POR INSTRUMENTOS RNP /  
RNP INSTRUMENTS APPROACH PROCEDURE CODING TABLES.  
MUBA RWY16. GUSTAVO RIZO

IAF/IF ALKUS

| Número de serie/<br>Serial Number | Descriptor de trayectoria/<br>Path Descriptor | Identificador del punto de recorrido/<br>Waypoint Identifier | Sobre vuelo/<br>Fly-Over | Curso/<br>Course/<br>°MAG (°T) | Variación magnética/<br>Magnetic variation (°) | Distancia/<br>Distance (NM) | Distancia hasta/<br>Distance to THR 16 | Dirección viraje/<br>Turn direction | Altitud/<br>Altitude (FT) | Velocidad límite/<br>Speed limit (KT) | VPA (°)<br>TCH (FT) | Especificación de navegación/<br>Navigation Specification |
|-----------------------------------|-----------------------------------------------|--------------------------------------------------------------|--------------------------|--------------------------------|------------------------------------------------|-----------------------------|----------------------------------------|-------------------------------------|---------------------------|---------------------------------------|---------------------|-----------------------------------------------------------|
| 001                               | IF                                            | ALKUS                                                        | -                        | -                              | -9.8                                           | -                           | -                                      | -                                   | +5000                     | -                                     | -                   | RNP APCH                                                  |
| 002                               | HM                                            | ALKUS                                                        | -                        | 165 (155.0)                    | -9.8                                           | -                           | -                                      | -                                   | 4000                      | -                                     | -                   | RNP APCH                                                  |
| 003                               | TF                                            | BA816                                                        | -                        | 165 (155.0)                    | -9.8                                           | 5.0                         | -                                      | -                                   | @2500                     | -                                     | -                   | RNP APCH                                                  |
| 004                               | TF                                            | RW16                                                         | Y                        | 165 (155.0)                    | -9.8                                           | 7.6                         | -                                      | -                                   | +480                      | -                                     | -3.0/50             | RNP APCH                                                  |
| 005                               | CA                                            | -                                                            | -                        | 150 (140.0)                    | -9.8                                           | -                           | -                                      | -                                   | @2000                     | -                                     | -                   | RNP APCH                                                  |
| 006                               | DF                                            | BA820                                                        | Y                        | -                              | -9.8                                           | -                           | -                                      | L                                   | 5000                      | -                                     | -                   | RNP APCH                                                  |

CODIFICACIÓN DE LAS ESPERAS CON FUNCIONALIDAD. / CODING TABLE FOR HOLDINGS WITH FUNCTIONALITY.  
RNAV MUBA RWY 16.

| Descriptor de trayectoria/<br>Path Descriptor | Identificador del punto de recorrido/<br>Waypoint Identifier | Rumbo de acercamiento/<br>Approach heading °MAG (°T) | Dirección viraje/<br>Distancia<br>Turn direction/<br>Distance | Altitud mínima/<br>Minimum altitude (FT) | Altitud máxima/<br>Maximum altitude (FT) | Límite de Velocidad/<br>Speed Limit (KT) | Declinación magnética/<br>Magnetic declination (°) | Especificación de navegación/<br>Navigation Specification |
|-----------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------------|-----------------------------------------------------------|
| Espera/<br>Holding                            | ALKUS                                                        | 165 (155.0)                                          | R /4.3NM                                                      | 5000                                     | FL140                                    | -230                                     | -9.8                                               | RNAV-1                                                    |
| Espera/<br>Holding                            | BA820                                                        | 295 (284.7)                                          | R /4.3NM                                                      | 5000                                     | FL140                                    | -230                                     | -9.8                                               | RNAV-1                                                    |

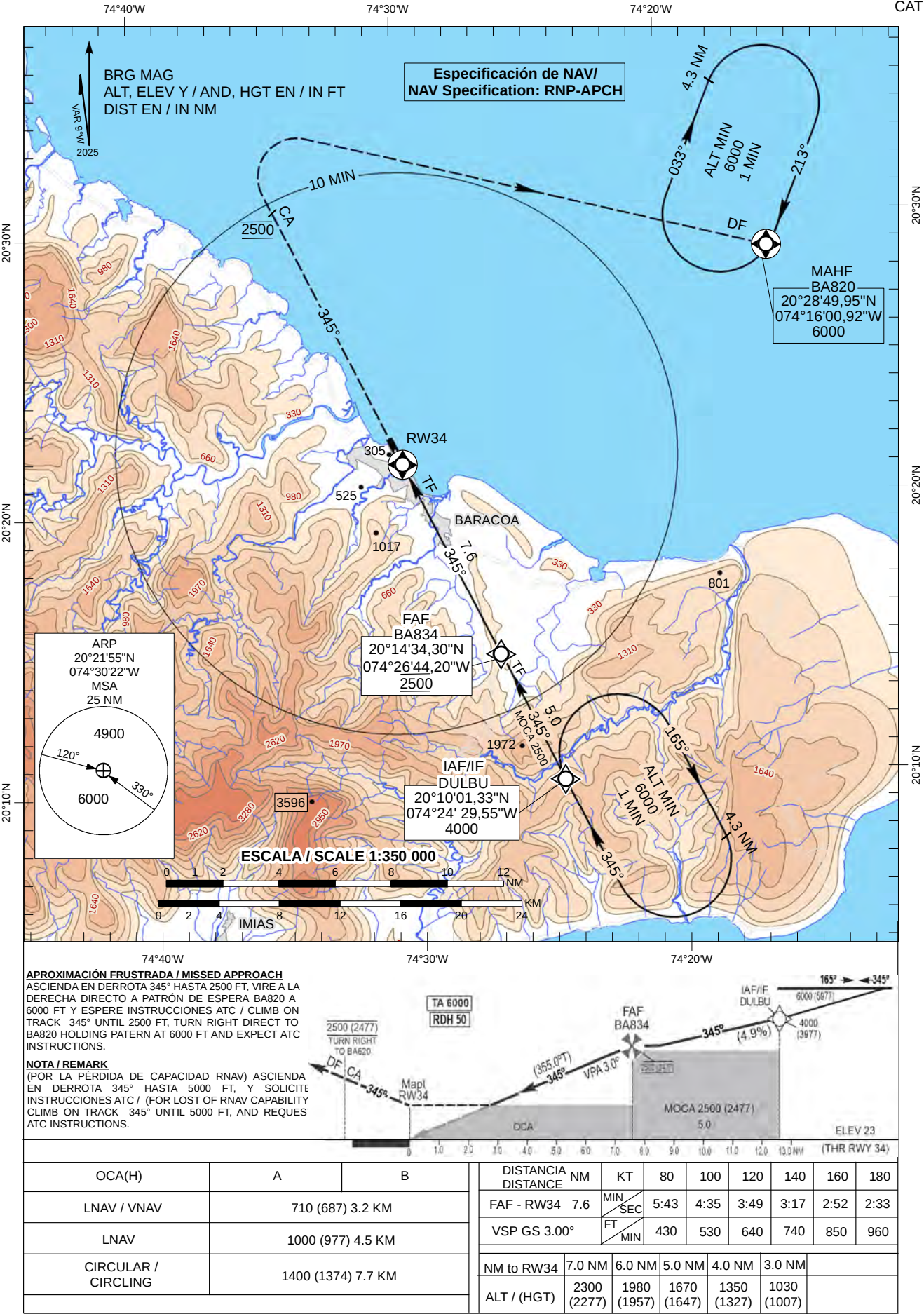


CARTA DE APROXIMACION POR INSTRUMENTOS - OACI /  
INSTRUMENT APPROACH CHART - ICAO

ELEV 26  
OCH REF THR RWY34  
ELEV 23

APP 120.400  
TWR 122.500

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RNP (LNAV/VNAV, LNAV)  
RWY 34  
CAT A, B



TABLAS DE CODIFICACIÓN DEL PROCEDIMIENTO DE APROXIMACIÓN POR INSTRUMENTOS RNP /  
RNP INSTRUMENT APPROACH PROCEDURE CODING TABLES.  
MUBA RWY 34. GUSTAVO RIZO

IAF/IF DULBU

| Número de serie/<br>Serial Number | Descriptor de trayectoria/<br>Path Descriptor | Identificador del punto de recorrido/<br>Waypoint Identifier | Sobre vuelo/<br>Fly-Over | Curso/<br>Course/<br>°MAG (°T) | Variación magnética/<br>Magnetic variation (°) | Distancia/<br>Distance (NM) | Distancia hasta/<br>Distance to THR 34 | Dirección viraje/<br>Turn direction | Altitud/<br>Altitude (FT) | Velocidad límite/<br>Speed limit (KT) | VPA (°) TCH (FT) | Especificación de navegación/<br>Navigation Specification |
|-----------------------------------|-----------------------------------------------|--------------------------------------------------------------|--------------------------|--------------------------------|------------------------------------------------|-----------------------------|----------------------------------------|-------------------------------------|---------------------------|---------------------------------------|------------------|-----------------------------------------------------------|
| 001                               | IF                                            | DULBU                                                        | -                        | -                              | -9.8                                           | -                           | -                                      | -                                   | +6000                     | -                                     | -                | RNP APCH                                                  |
| 002                               | HM                                            | DULBU                                                        | -                        | 345 (335.0)                    | -9.8                                           | -                           | -                                      | -                                   | 4000                      | -                                     | -                | RNP APCH                                                  |
| 003                               | TF                                            | BA834                                                        | -                        | 345 (335.0)                    | -9.8                                           | 5.0                         | -                                      | -                                   | @2500                     | -                                     | -                | RNP APCH                                                  |
| 004                               | TF                                            | RW34                                                         | Y                        | 345 (335.0)                    | -9.8                                           | 7.6                         | -                                      | -                                   | +710                      | -                                     | -3.0/50          | RNP APCH                                                  |
| 005                               | CA                                            | -                                                            | -                        | 345 (335.0)                    | -9.8                                           | -                           | -                                      | -                                   | @2500                     | -                                     | -                | RNP APCH                                                  |
| 006                               | DF                                            | BA820                                                        | Y                        | -                              | -9.8                                           | -                           | -                                      | R                                   | 6000                      | -                                     | -                | RNP APCH                                                  |

CODIFICACIÓN DE LAS ESPERAS CON FUNCIONALIDAD / CODING TABLE FOR HOLDINGS WITH FUNTIONALITY.  
RNAV MUBA RWY 34

| Descriptor de trayectoria/<br>Path Descriptor | Identificador del punto de recorrido/<br>Waypoint Identifier | Rumbo de acercamiento/<br>Approach heading °MAG (°T) | Dirección viraje/<br>Distancia Turn direction/<br>Distance | Altitud mínima/<br>Minimum altitude (FT) | Altitud máxima/<br>Maximum altitude (FT) | Límite de Velocidad/<br>Speed Limit (KT) | Declinación magnética/<br>Magnetic declination (°) | Especificación de navegación/<br>Navigation Specification |
|-----------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------------|-----------------------------------------------------------|
| Espera/<br>Holding                            | DULBU                                                        | 345 (335.0)                                          | R /4.3NM                                                   | 6000                                     | FL140                                    | -230                                     | -9.8                                               | RNAV-1                                                    |
| Espera/<br>Holding                            | BA820                                                        | 213 (203.2)                                          | R /4.3NM                                                   | 6000                                     | FL140                                    | -230                                     | -9.8                                               | RNAV-1                                                    |



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