

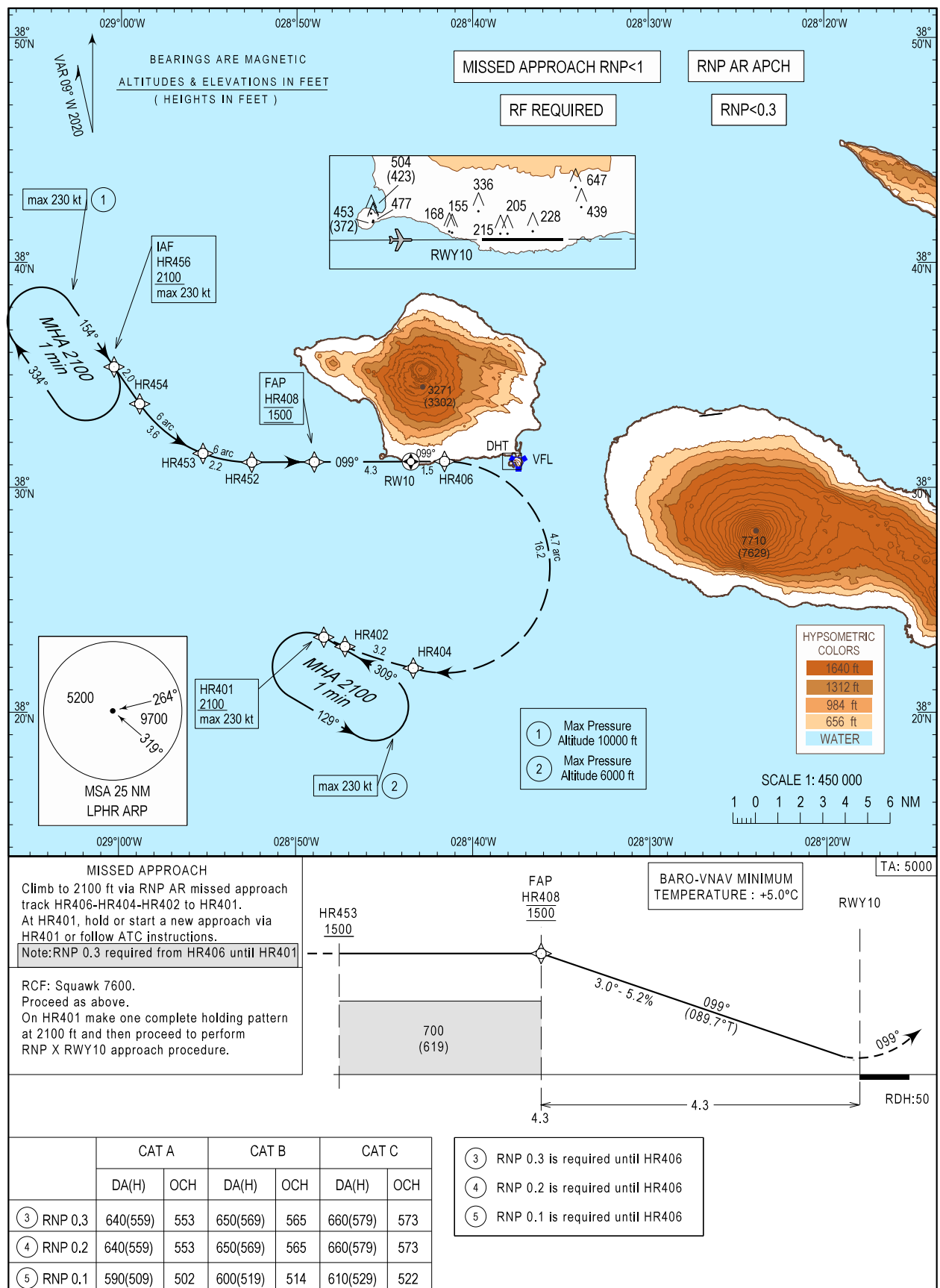
INSTRUMENT  
APPROACH  
CHART - ICAO

AD ELEV 117 ft  
HEIGHTS RELATED  
THR RWY 10 - ELEV 81 ft

SANTA MARIA RADAR 132.150  
HORTA APPROACH 120.600  
HORTA TOWER 118.000

HORTA (LPHR)

RNP W RWY10 (AR)



MAGVAR updated. AD ELEV and THR ELEV updated.

| Instrument Approach Procedure Coding Table |            |      |         |                           |                            |            |                   |                     |                           |                     |
|--------------------------------------------|------------|------|---------|---------------------------|----------------------------|------------|-------------------|---------------------|---------------------------|---------------------|
| Horta RNP W RWY 10 (AR)                    |            |      |         |                           |                            |            |                   |                     |                           |                     |
| Path Terminator                            | Waypoint   |      |         |                           | Course/Track<br>MAG (True) | Dist<br>NM | Turn<br>Direction | ARC Centre Waypoint |                           | ARC<br>Radius<br>NM |
|                                            | Identifier | Type | Flyover | Coordinates               |                            |            |                   | Identifier          | Coordinates               |                     |
| IF                                         | HR456      | IAF  | -       | 383522.36N<br>0290021.02W | -                          | -          | -                 | -                   | -                         | -                   |
| TF                                         | HR454      | -    | -       | 383343.94N<br>0285853.25W | 154 (145.0)                | 2.0        | -                 | -                   | -                         | -                   |
| RF                                         | HR453      | IF   | -       | 383132.30N<br>0285517.37W | -                          | 3.6        | L                 | HRC08               | 383711.81N<br>0285234.35W | 6.0                 |
| RF                                         | HR452      | -    | -       | 383108.99N<br>0285231.22W | -                          | 2.2        | L                 | HRC08               | 383711.81N<br>0285234.35W | 6.0                 |
| TF                                         | HR408      | FAP  | -       | 383110.06N<br>0284858.69W | 099 (089.6)                | 2.8        | -                 | -                   | -                         | -                   |
| TF                                         | RW10       | MAPT | Y       | 383111.51N<br>0284330.27W | 099 (089.7)                | 4.3        | -                 | -                   | -                         | -                   |
| TF                                         | HR406      | -    | -       | 383111.96N<br>0284135.61W | 099 (089.7)                | 1.5        | -                 | -                   | -                         | -                   |
| RF                                         | HR404      | -    | -       | 382200.43N<br>0284321.71W | -                          | 16.2       | R                 | HRC06               | 382629.67N<br>0284133.89W | 4.7                 |
| TF                                         | HR402      | -    | -       | 382257.85N<br>0284713.60W | 297 (287.5)                | 3.2        | -                 | -                   | -                         | -                   |
| RF                                         | HR401      | -    | -       | 382322.72N<br>0284825.50W | -                          | 1.0        | R                 | HRC17               | 382727.15N<br>0284526.00W | 4.7                 |
| HM                                         | HR401      | -    | -       | 382322.72N<br>0284825.50W | -                          | -          | L                 | -                   | -                         | -                   |

| Waypoint Identifier | Altitude | Speed  | RNP Value NM | Navigation Specification | Remarks |
|---------------------|----------|--------|--------------|--------------------------|---------|
| HR456               | +2100    | 230 KT | 0.3          | RNP AR APCH              | -       |
| HR454               | +1500    | -      | 0.3          | RNP AR APCH              | -       |
| HR453               | +1500    | -      | 0.3          | RNP AR APCH              | -       |
| HR452               | +1500    | -      | 0.3          | RNP AR APCH              | -       |
| HR408               | @1500    | -      | 0.3/0.2/0.1  | RNP AR APCH              | -       |
| RW10                | -        | -      | 0.3/0.2/0.1  | RNP AR APCH              | -       |
| HR406               | -        | -      | 0.3/0.2/0.1  | RNP AR APCH              | -       |
| HR404               | -        | -      | 0.3          | RNP AR APCH              | -       |
| HR402               | -        | -      | 0.3          | RNP AR APCH              | -       |
| HR401               | +2100    | 230 KT | 0.3          | RNP AR APCH              | -       |
| HR401               | +2100    | 230 KT | 0.3          | RNP AR APCH              | -       |

| Horta RNAV Holdings |             |        |                |                |                          |                         |
|---------------------|-------------|--------|----------------|----------------|--------------------------|-------------------------|
| HLDG ID             | INBD TRACK  |        | Turn direction | max IAS ( kt ) | MNM HLDG ALT FL/ft (MSL) | TIME (MIN) or DIST OUBD |
|                     | MAG         | (TRUE) |                |                |                          |                         |
| HR401               | 309 (300.0) |        | L              | 230            | 2100 ft                  | 1 min                   |
| HR456               | 154 (145.0) |        | R              | 230            | 2100 ft                  | 1 min                   |