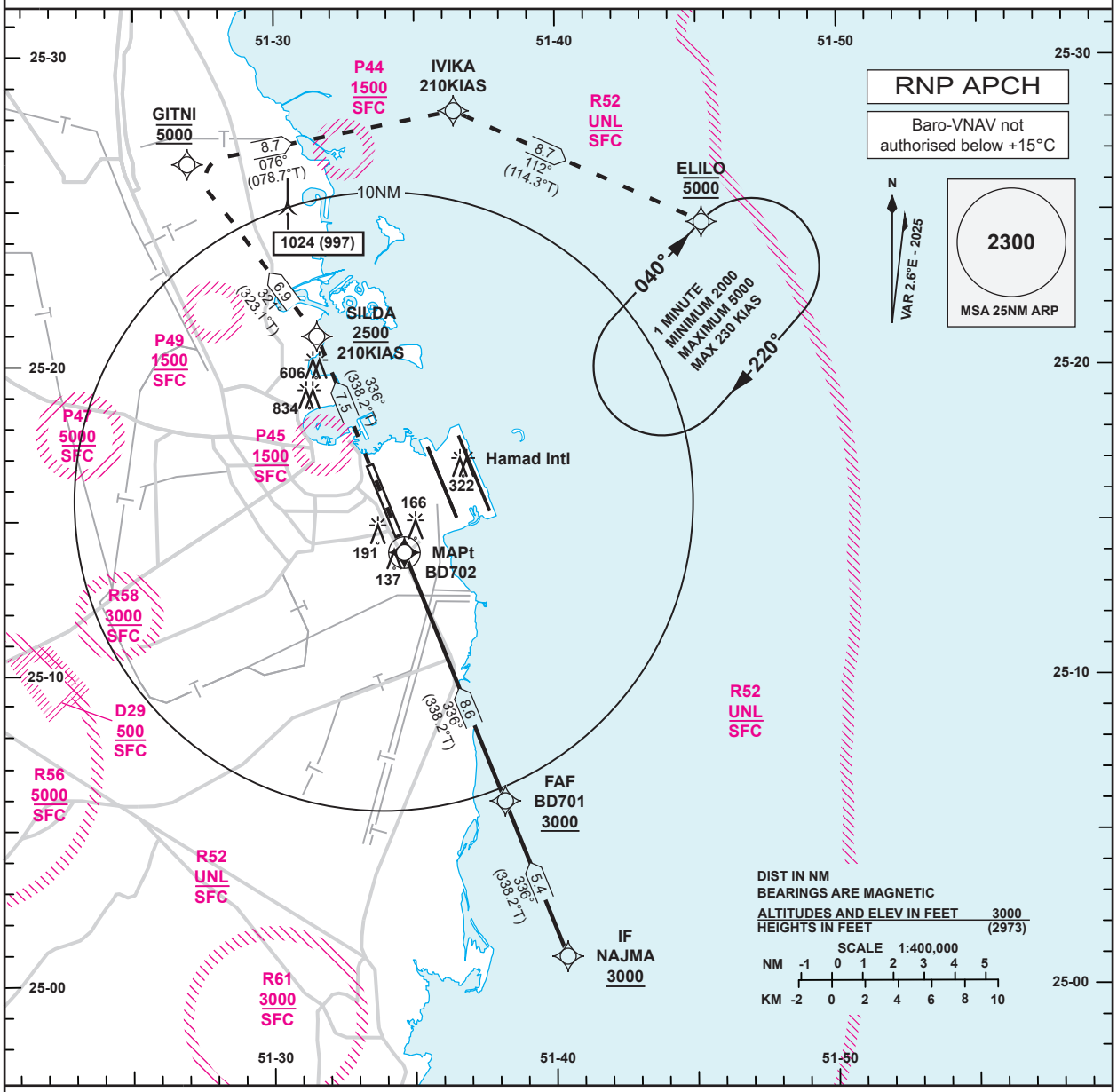
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 37
HEIGHTS RELATED TO THR RWY 33 - ELEV 27

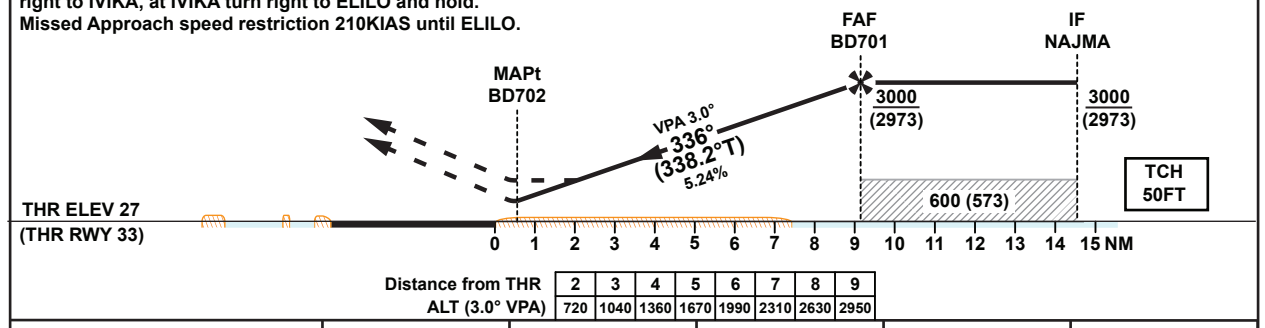
| | | | |
|---|---|---|---|
| DOHA RADAR NORTH | 121.100 / 121.625 | DOHA DIRECTOR WEST | 123.875 / 119.225 |
| DOHA RADAR SOUTH | 120.675 / 119.150 | DOHA DIRECTOR | 124.050 / 121.775 |
| DOHA APP EAST | 124.775 / 120.600 | DOHA TWR | 118.900 / 119.025 |
| DOHA APP WEST | 119.725 / 125.125 | | |

# DOHA/Doha Intl. (OTBD)
## RNP RWY 33
## ALL ACFT CATEGORIES




TA 13000

**Missed Approach**
Climb straight ahead to SILDA, at or above 2500.
At SILDA turn left to GITNI, at 5000. At GITNI turn right to IVIKA, at IVIKA turn right to ELILO and hold.
Missed Approach speed restriction 210KIAS until ELILO.




| Distance from THR | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| ALT (3.0° VPA) | 720 | 1040 | 1360 | 1670 | 1990 | 2310 | 2630 | 2950 |

| OCA (OCH) | | A | B | C | D | E |
|---|---|---|---|---|---|---|
| Straight in Approach | LNAV/VNAV | 390 (363) | | | | |
| | LNAV | 420 (393) | | | | |
| Circling | | 720 (683) | 910 (873) | 1310 (1273) | | 1550 (1513) |

1. Hold at ELILO protected for Sector 3 Entry only.
2. 5.8% CG required to SILDA.

Approach: MAPt at BD702

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Speed | KT | 80 | 100 | 120 | 140 | 160 | 180 |
| Time | MIN:SEC | Timing Not Authorized | | | | | |
| Rate of descent | FT/MIN | 420 | 530 | 630 | 740 | 840 | 950 |

Change: Obstacle.

**INSTRUMENT APPROACH CHART-ICAO**

**AD ELEV 37**
**HEIGHTS RELATED TO THR RWY 33 - ELEV 27**

**DOHA/Doha Intl.(OTBD)**
**RNP RWY 33**
**ALL ACFT CATEGORIES**

## TABULAR DESCRIPTION

**RNP RWY 33**

| Serial Num | Path Descriptor | Waypoint Identifier | Fly-over | Course °M(°T) | Magnetic Variation(°) | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kt) | VPA(°)/ TCH(ft) | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | IF | **NAJMA** | **-** | - | -2.6 | - | **-** | +3000 | **-** | **-** | RNP APCH |
| **2** | TF | **BD701** | **-** | 336 (338.2) | -2.6 | 5.4 | - | +3000 | **-** | **-** | RNP APCH |
| **3** | TF | **BD702** | Y | 336 (338.2) | -2.6 | 8.6 | - | - | **-** | -3.0/50 | RNP APCH |
| **4** | CF | **SILDA** | - | 336 (338.2) | -2.6 | - | **-** | +2500 | -210 | **-** | RNP APCH |
| **5** | TF | **GITNI** | - | 321 (323.1) | -2.6 | 6.9 | R | @5000 | -210 | **-** | RNP APCH |
| **6** | TF | **IVIKA** | - | 076 (078.7) | -2.6 | 8.7 | - | - | -210 | **-** | RNP APCH |
| **7** | TF | **ELILO** | - | 112 (114.3) | -2.6 | 8.7 | - | @5000 | -230 | **-** | RNP APCH |
| **8** | HM | **ELILO** | Y | 040 (042.2) | -2.6 | 4.3 | R | @5000 | -230 | **-** | RNP APCH |

## WAYPOINT LIST

**RNP RWY 33**

| Waypoint Identifier | Coordinates |
|---|---|
| NAJMA | 250057.64N 0514022.44E |
| BD701 | 250558.04N 0513810.48E |
| BD702 | 251401.07N 0513437.82E |
| SILDA | 252100.22N 0513132.97E |
| GITNI | 252633.64N 0512657.57E |
| IVIKA | 252816.47N 0513625.72E |
| ELILO | 252439.52N 0514513.38E |


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