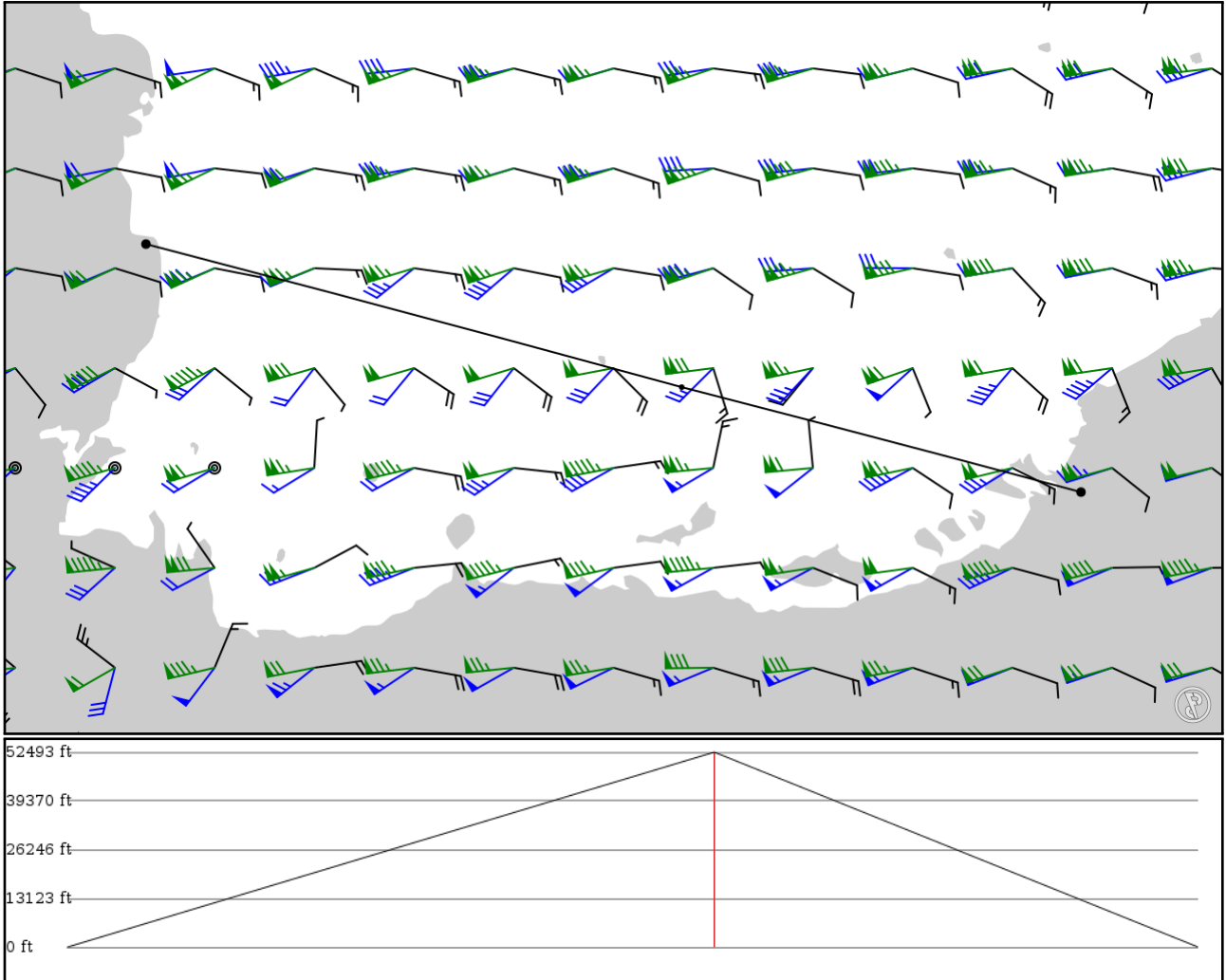


2024/05/05 2250Z

OTBD RALBO OMAA

175.28 nm / 324.62 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 24000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

| Ident<br>Type | Via | Lat<br>Lon | Alt       | Dist<br>(nm) | Name           |
|---------------|-----|------------|-----------|--------------|----------------|
| OTBD          | -   | 25.26110   | 0 ft      | -            | DOHA INTL      |
| APT           | -   | 51.56510   | 0 m       |              |                |
| RALBO         | -   | 24.78940   | 16,000 ft | 100          | -              |
| FIX           | -   | 53.33420   | 4,877 m   |              |                |
| OMAA          | -   | 24.44340   | 0 ft      | 74           | ABU DHABI INTL |
| APT           | -   | 54.65270   | 0 m       |              |                |

## OTBD

Region: QATAR  
Timezone: ASIA/QATAR  
Runways: 1

Elevation: 37 ft / 11 m  
Location: 25.261100 51.565100  
Magnetic Var: 2.776 E

## METAR

OTBD 052230Z AUTO 02003KT CAVOK 27/20 Q1006 NOSIG

## TAF

TAF AMD OTBD 051838Z 0518/0624 06006KT CAVOK TEMPO 0519/0605 VRB03KT BECMG 0602/0604 13009KT PROB30 TEMPO 0609/06

## Frequencies

REC - 126.45 MHz - ATIS  
TWR - 118.65 MHz -  
APP - 121.10 MHz -

TWR - 121.80 MHz - GND  
TWR - 118.90 MHz -  
APP - 119.40 MHz -

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 15    | 151 ft | 15,014 ft | 158.21                  | ASPHALT | 2,461 ft            | 0 ft              |
|       | 46 m   | 4,576 m   | 155.43                  |         | 750 m               | 0 m               |
| 33    | 151 ft | 15,014 ft | 338.21                  | ASPHALT | 0 ft                | 459 ft            |
|       | 46 m   | 4,576 m   | 335.44                  |         | 0 m                 | 140 m             |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 33     | DME     | IBD   | 109.50 MHz | 18 nm | -                       | -     | 35 ft     |
|        |         |       |            | 33 km | -                       |       | 35 m      |
| 15     | LOC-ILS | AMD   | 108.50 MHz | 18 nm | 158.21                  | -     | 37 ft     |
|        |         |       |            | 33 km | 155.43                  |       | 37 m      |
| 33     | LOC-ILS | IBD   | 109.50 MHz | 18 nm | 338.21                  | -     | 37 ft     |
|        |         |       |            | 33 km | 335.43                  |       | 37 m      |
| 15     | GS      | AMD   | 108.50 MHz | 10 nm | 158.21                  | 3.00  | 37 ft     |
|        |         |       |            | 19 km | 155.43                  |       | 37 m      |
| 33     | GS      | IBD   | 109.50 MHz | 10 nm | 338.21                  | 3.00  | 35 ft     |
|        |         |       |            | 19 km | 335.43                  |       | 35 m      |

## OMAA

Region: UNITED ARAB EMIRATES  
Timezone: ASIA/DUBAI  
Runways: 2

Elevation: 83 ft / 25 m  
Location: 24.443400 54.652700  
Magnetic Var: 2.280 E

## METAR

OMAA 052200Z 06002KT CAVOK 29/17 Q1006 NOSIG

## TAF

TAF OMAA 051700Z 0518/0700 06005KT 8000 NSC BECMG 0610/0612 33010KT BECMG 0616/0618 05005KT

## Frequencies

|   |   |
|---|---|
| APP - 124.40 MHz -                                | APP - 124.62 MHz -                                |
| ABU DHABI RADAR CENTRAL PRIMARY                   | ABU DHABI RADAR CENTRAL SECONDARY                 |
| APP - 128.10 MHz - ABU DHABI RADAR WEST PRIMARY   | APP - 124.65 MHz - ABU DHABI RADAR WEST SECONDARY |
| APP - 135.15 MHz - ABU DHABI RADAR NORTH PRIMARY  | APP - 135.35 MHz -                                |
| APP - 118.42 MHz -                                | ABU DHABI RADAR NORTH SECONDARY                   |
| ABU DHABI DIRECTOR NORTH PRIMARY                  | APP - 121.15 MHz -                                |
| APP - 118.00 MHz -                                | ABU DHABI DIRECTOR NORTH SECONDARY                |
| ABU DHABI DIRECTOR SOUTH PRIMARY                  | APP - 121.15 MHz -                                |
| APP - 133.55 MHz - ABU DHABI RADAR EAST PRIMARY   | ABU DHABI DIRECTOR SOUTH SECONDARY                |
| APP - 135.35 MHz - ABU DHABI RADAR EAST SECONDARY | APP - 132.67 MHz - ABU DHABI RADAR EAST PRIMARY   |
| REC - 124.62 MHz -                                | REC - 127.50 MHz - ABU DHABI INFORMATION PRIMARY  |
| ABU DHABI INFORMATION SECONDARY                   | TWR - 119.20 MHz - ABU DHABI TOWER SOUTH PRIMARY  |
| TWR - 120.42 MHz -                                | TWR - 118.67 MHz - ABU DHABI TOWER NORTH PRIMARY  |
| ABU DHABI TOWER SOUTH SECONDARY                   | GND - 121.95 MHz - ABU DHABI GROUND NORTH         |
| GND - 123.97 MHz - ABU DHABI GROUND SOUTH         | CLD - 125.10 MHz - ABU DHABI DELIVERY             |
| GND - 119.42 MHz - ABU DHABI GROUND SECONDARY     | REC - 119.67 MHz - ABU DHABI ATIS (DEP)           |
| REC - 119.97 MHz - ABU DHABI ATIS (ARR)           |   |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 13R   | 197 ft | 13,478 ft | 127.99                  | ASPHALT | 0 ft                | 394 ft            |
|       | 60 m   | 4,108 m   | 125.71                  |         | 0 m                 | 120 m             |
| 31L   | 197 ft | 13,478 ft | 308.01                  | ASPHALT | 0 ft                | 397 ft            |
|       | 60 m   | 4,108 m   | 305.73                  |         | 0 m                 | 121 m             |
| 13L   | 197 ft | 13,460 ft | 127.99                  | ASPHALT | 0 ft                | 397 ft            |
|       | 60 m   | 4,103 m   | 125.71                  |         | 0 m                 | 121 m             |
| 31R   | 197 ft | 13,460 ft | 308.01                  | ASPHALT | 0 ft                | 387 ft            |
|       | 60 m   | 4,103 m   | 305.73                  |         | 0 m                 | 118 m             |

## Approach Nav aids

| Runway | Type | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 13L    | DME  | IAE   | 108.90 MHz | 18 nm | -                       | -     | 98 ft     |
|        |      |       |            | 33 km | -                       |       | 98 m      |
| 31R    | DME  | IAW   | 109.30 MHz | 18 nm | -                       | -     | 96 ft     |
|        |      |       |            | 33 km | -                       |       | 96 m      |
| 13R    | DME  | IAE   | 108.90 MHz | 18 nm | -                       | -     | 98 ft     |
|        |      |       |            | 33 km | -                       |       | 98 m      |
| 31L    | DME  | IAW   | 109.30 MHz | 18 nm | -                       | -     | 96 ft     |
|        |      |       |            | 33 km | -                       |       | 96 m      |

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 13L    | LOC-ILS | IAS   | 110.30 MHz | 18 nm | 128.00                  | -     | 83 ft     |
|        |         |       |            | 33 km | 125.72                  |       | 83 m      |
| 13R    | LOC-ILS | IAE   | 109.15 MHz | 18 nm | 128.00                  | -     | 83 ft     |
|        |         |       |            | 33 km | 125.72                  |       | 83 m      |
| 31L    | LOC-ILS | IAW   | 109.30 MHz | 18 nm | 308.00                  | -     | 83 ft     |
|        |         |       |            | 33 km | 305.72                  |       | 83 m      |
| 31R    | LOC-ILS | IAN   | 108.75 MHz | 18 nm | 308.00                  | -     | 83 ft     |
|        |         |       |            | 33 km | 305.72                  |       | 83 m      |
| 13L    | GS      | IAS   | 110.30 MHz | 10 nm | 128.00                  | 3.00  | 83 ft     |
|        |         |       |            | 19 km | 125.72                  |       | 83 m      |
| 13R    | GS      | IAE   | 109.15 MHz | 10 nm | 128.00                  | 3.00  | 83 ft     |
|        |         |       |            | 19 km | 125.72                  |       | 83 m      |
| 31L    | GS      | IAW   | 109.30 MHz | 10 nm | 308.00                  | 3.00  | 83 ft     |
|        |         |       |            | 19 km | 305.72                  |       | 83 m      |
| 31R    | GS      | IAN   | 108.75 MHz | 10 nm | 308.00                  | 3.00  | 83 ft     |
|        |         |       |            | 19 km | 305.72                  |       | 83 m      |