

**MARMUL/Marmul**  
**OMAN**  
RWY 32

R 97  
UNL  
SFC

01°E  
(2020)

SCALE 1 : 500 000

2 0 2 4 6 8 10 12 KM  
1 0 1 2 3 4 5 6 NM

BEARINGS ARE MAGNETIC  
DISTANCES IN NM  
ALTITUDES AND ELEVATIONS IN FEET

ATZ  
MARMUL  
6000  
SFC  
MARMUL INFO

ATZ  
MARMUL  
8000  
SFC  
MARMUL INFO

RNP-1 required.

NALTI 6900

MXS01 4000

NALTI 1B 14.5

069° 12.3

MX327 1500

315° 952

2.8

1221

1000

1303

216°

DARAB 3A 30.4

DARAB 7600

ARABIAN SEA

Climb on course 315° to MX327 at or above 1500, then

| SID      | ROUTING                                                               |
|----------|-----------------------------------------------------------------------|
| NALTI 1B | turn RIGHT to MXS01 at or below 4000. Then to NALTI at or above 6900. |
| DARAB 3A | turn LEFT to DARAB, at or above 7600.                                 |

**Route Description: RNAV (GNSS) DEPARTURE RWY 32**

| Path descriptor           | Fix identifier | Flyover | Course Magnetic (True) | Turn direction | Altitude | Speed limit | Magnetic variation | Distance | Navigation performance |
|---------------------------|----------------|---------|------------------------|----------------|----------|-------------|--------------------|----------|------------------------|
| <b>INITIAL CLIMB</b>      |                |         |                        |                |          |             |                    |          |                        |
| CF                        | <u>MX327</u>   | Y       | 315° (315.8°)          |                | +1500    |             | 1°E                | 2.8      | RNP 1                  |
| <b>NALTI 1B DEPARTURE</b> |                |         |                        |                |          |             |                    |          |                        |
|                           | <u>MX327</u>   | Y       |                        |                |          |             | 1°E                |          | RNP 1                  |
| TF                        | <u>MXS01</u>   | Y       | 069° (070.1°)          | R              | -4000    |             | 1°E                | 12.3     | RNP 1                  |
| TF                        | NALTI          |         | 069° (070.2°)          |                | +6900    |             | 1°E                | 14.5     | RNP 1                  |
| <b>DARAB 3A DEPARTURE</b> |                |         |                        |                |          |             |                    |          |                        |
|                           | <u>MX327</u>   | Y       |                        |                |          |             | 1°E                |          | RNP 1                  |
| TF                        | DARAB          |         | 216° (216.5°)          | L              | +7600    |             | 1°E                | 30.4     | RNP 1                  |

**Aeronautical Data Tabulation: RNAV (GNSS) DEPARTURE RWY 32**

| Waypoint / Fix | Latitude      | Longitude      | Latitude (MIN) | Longitude (MIN) | Notes |
|----------------|---------------|----------------|----------------|-----------------|-------|
| MX327          | N18°11'02.62" | E055°08'02.25" | N18°11.044'    | E055°08.038'    |       |
| NALTI          | N18°20'12.00" | E055°34'31.00" | N18°20.200'    | E055°34.517'    |       |
| MXS01          | N18°15'15.11" | E055°20'10.76" | N18°15.252'    | E055°20.179'    |       |
| DARAB          | N17°46'32.00" | E054°49'02.00" | N17°46.533'    | E054°49.033'    |       |

Aircrew should contact Marmul Information 122.750 MHz to receive RWY in use, wind direction & speed, visibility, temperature and QNH data for the time of descent. The pilot shall inform Muscat ACC that he will be leaving the frequency and continue with Marmul aerodrome QNH.