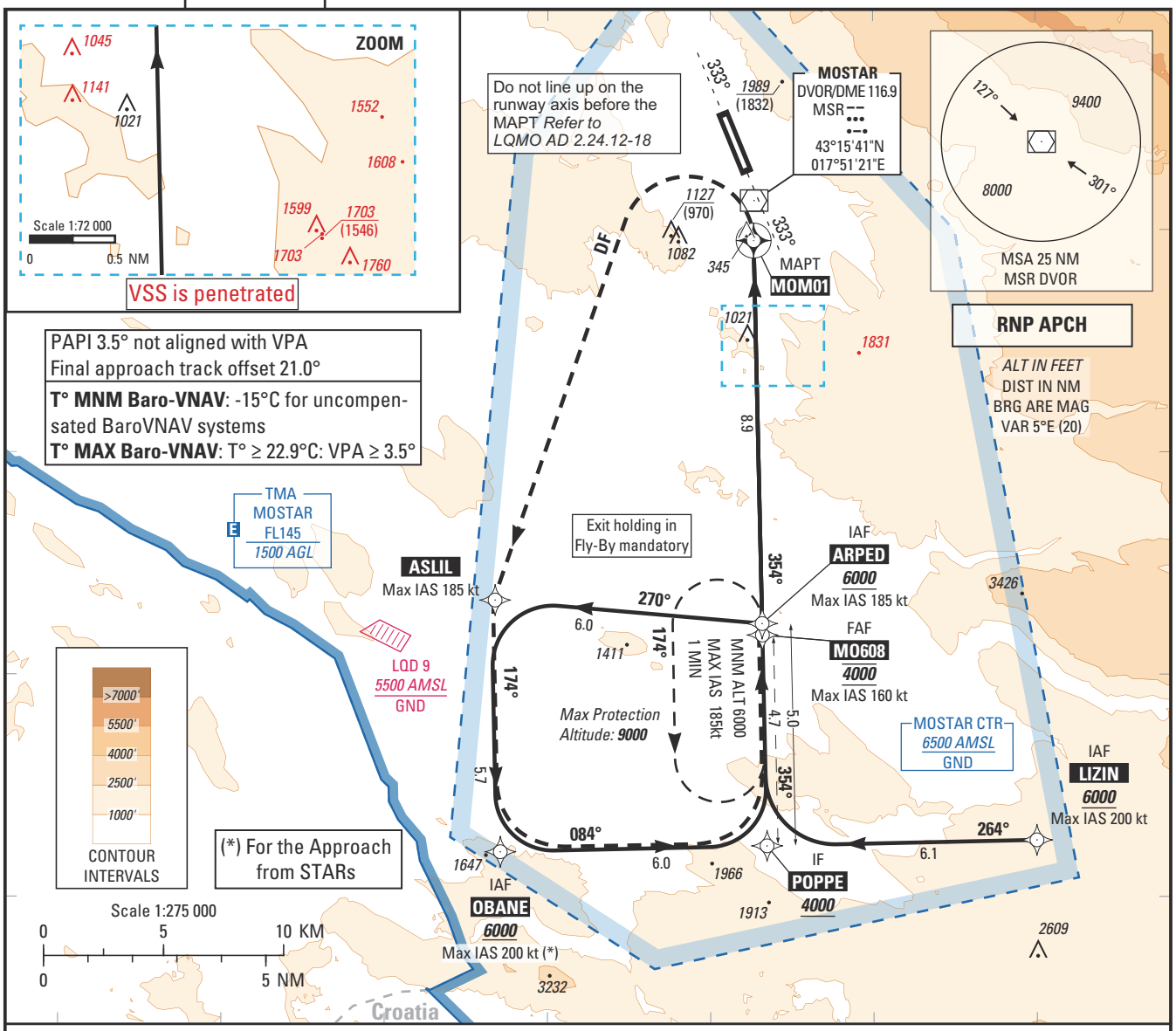
**INSTRUMENT APPROACH CHART— ICAO CAT A B C**

**SBAS CH 44103 E33A**

AERODROME ELEV *174*
HEIGHTS RELATED TO
THR RWY 33 - **ELEV 157**

TWR 125.550
APP 120.225
129.875
ATIS 126.225

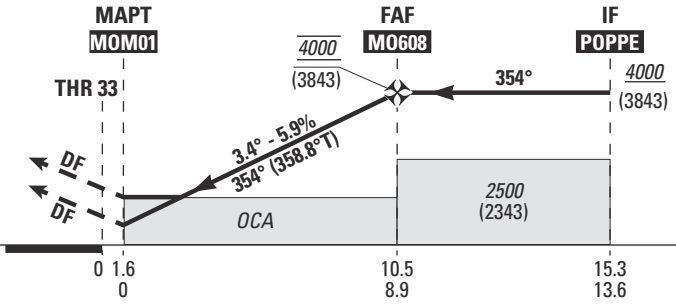
**MOSTAR / MOSTAR (LQMO)**
**RNP RWY 33**




TRANSITION ALT *10 000*

Missed Approach:
At **MOM01**, turn **left** direct to **ASLIL**, then to **OBANE**, then to **POPPE** then to **ARPED** (Max IAS **185kt**) climbing to ***6000*** (5843).
At **ARPED**, hold and follow ATC instructions.
If unable to reach ***6000*** over **ARPED**, continue to climb in the holding.

*THR ELEV 157* RDH 49




MNM AD: *Vertical distances in feet* REF HGT: *THR ELEV*

| | LPV MA 2.5% | LPV MA 4.0% | LNAV/VNAV | LNAV | Circling(1) |
|---|---|---|---|---|---|
| CAT | ***OCA*** (H) | ***OCA*** (H) | ***OCA*** (H) | ***OCA*** (H) | ***OCA*** (H) |
| A | | | ***1710*** (1550) | ***1710*** (1550) | ***2290*** (2130) |
| B | | | | | ***2290*** (2130) |
| C | | | | | ***2390*** (2230) |

(1) Day time only and not authorized East side of the runway 15/33

**DIST MOM01**

| NM | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|
| ***ALT*** (HGT) | ***1880*** (1723) | ***2240*** (2083) | ***2600*** (2443) | ***2960*** (2803) | ***3320*** (3163) | ***3690*** (3533) |

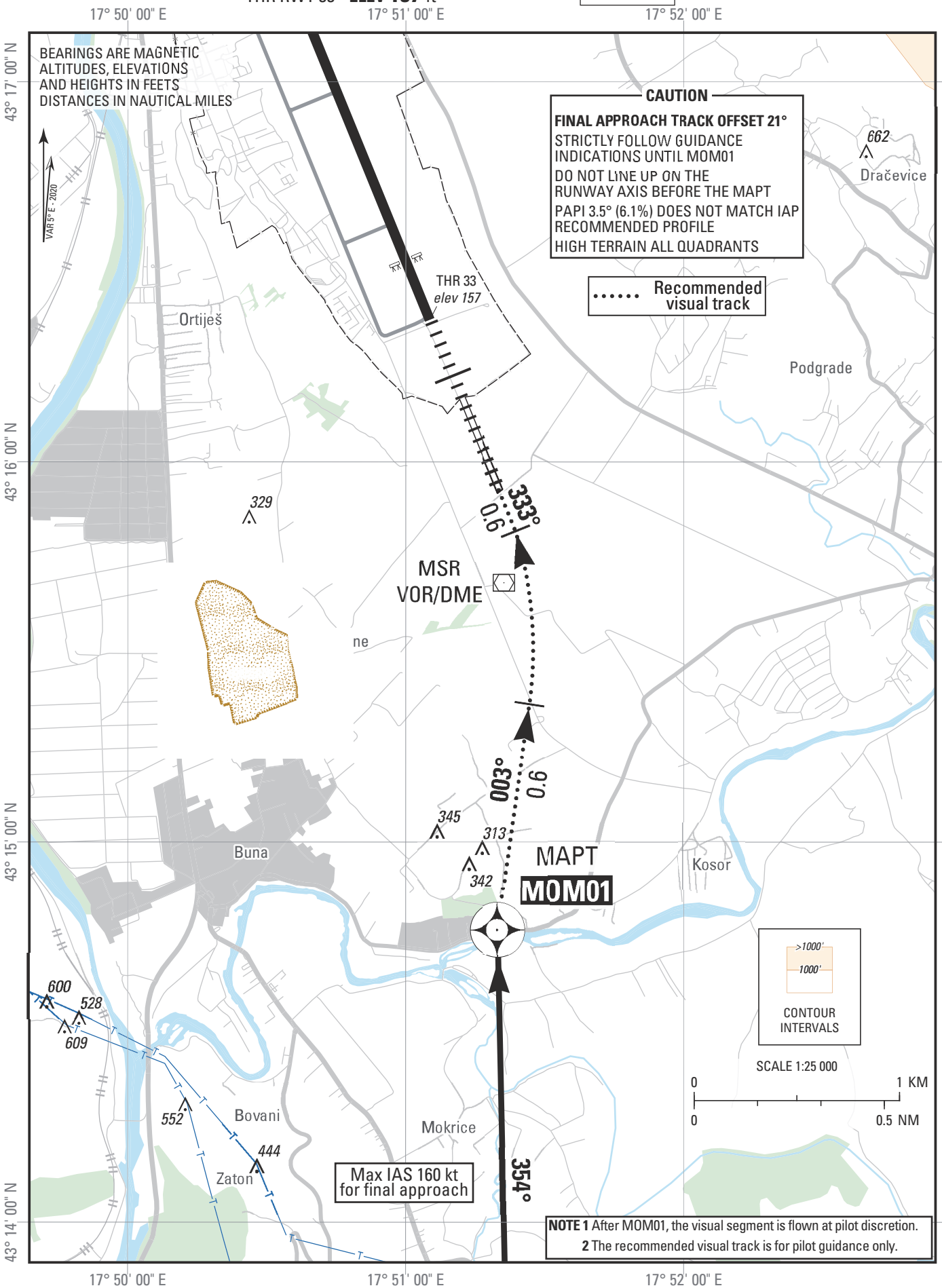
| FAF - MAPT (NM) | 8.9 | Speed Time | 70 Kt 7 min 36 | 85 Kt 6 min 16 | 100 Kt 5 min 19 | 115 Kt 4 min 38 | 130 Kt 4 min 06 | 145 Kt 3 min 40 | 160 Kt 3 min 20 |
|---|---|---|---|---|---|---|---|---|---|
| Slope (%) | 5.94 | VSP (ft/min) | 420 | 510 | 600 | 690 | 780 | 870 | 960 |

**VISUAL LANDING CHART**
**CAT A B C**

AD ELEV 174 ft
HEIGHTS RELATED TO
THR RWY 33 - **ELEV 157** ft

TWR 125.550
APP 120.225
129.875
ATIS 126.225

**MOSTAR / MOSTAR (LQMO)**
**VISUAL LANDING A RWY 33**




**NOTE 1** After MOM01, the visual segment is flown at pilot discretion.
**2** The recommended visual track is for pilot guidance only.

| LQMO RNP RWY33 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Proposed tabular description for navigation database coding - APPROACH TRANSITION | | | | | | | | | | | | | | |
| Serial number | Fix | Path descriptor | Waypoint name | Flyover | Course °M | Course °T | Magnetic variation | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | VPA/TCH (°/ft) | Remarks | NAV SPEC |
| 010 | IAF | IF | OBANE | | | | 5°E | | | +6000 | -200 | | | RNP |
| 020 | IF | TF | POPPE | N | 083.680 | 088.680 | 5°E | 6.000 | | +4000 | | | | APCH |
| 010 | IAF | IF | LIZIN | | | | 5°E | | | +6000 | -200 | | | RNP |
| 020 | IF | TF | POPPE | N | 263.866 | 268.866 | 5°E | 6.069 | | +4000 | | | | APCH |
| 010 | IAF | IF | ARPED | | | | 5°E | | | +6000 | -185 | | | |
| 020 | | TF | ASLIL | N | 270.078 | 275.078 | 5°E | 6.027 | | | | | | RNP |
| 030 | | TF | OBANE | N | 173.771 | 178.771 | 5°E | 5.662 | | +6000 | | | | APCH |
| 040 | IF | TF | POPPE | N | 083.680 | 088.680 | 5°E | 6.000 | | +4000 | | | | |
| Proposed tabular description for navigation database coding - FINAL TRANSITION | | | | | | | | | | | | | | |
| 010 | IF | IF | POPPE | | | | 5°E | | | +4000 | | | | |
| 020 | FAF | TF | MO608 | N | 353.772 | 358.772 | 5°E | 4.743 | | @4000 | -160 | -3.4/49 | | RNP APCH |
| 030 | MAPT | TF | MOM01 | Y | 353.771 | 358.771 | 5°E | 8.872 | | @797 | | | Do not line up on the runway axis before the MAPT | |
| Proposed tabular description for navigation database coding - MISSED APPROACH | | | | | | | | | | | | | | |
| 010 | | DF | ASLIL | N | | | 5°E | | L | | -185 | | | |
| 020 | | TF | OBANE | N | 173.771 | 178.771 | 5°E | 5.662 | | | | | | RNP |
| 030 | | TF | POPPE | N | 083.680 | 088.680 | 5°E | 6.000 | | | | | | APCH |
| 040 | | TF | ARPED | Y | 353.772 | 358.772 | 5°E | 5.000 | | +6000 | -185 | | | |
| 050 | | HF | ARPED | Y | 354.000 | 359.000 | 5°E | | L | -9000 +6000 | -185 | | HLDG used only for MA | |

| Waypoint coordinates | | | |
|---|---|---|---|
| W/P ID | W/P Type | WGS-84 Latitude | WGS-84 Longitude |
| ARPED | ICAO | 43°06'09.2700"N | 017°51'34.9900"E |
| ASLIL | ICAO | 43°06'40.9900"N | 017°43'23.2200"E |
| LIZIN | ICAO | 43°01'16.7700"N | 018°00'00.1000"E |
| MOM01 | ADHP | 43°14'46.1200"N | 017°51'19.8300"E |
| MO608 | ADHP | 43°05'53.8230"N | 017°51'35.4470"E |
| OBANE | ICAO | 43°01'01.2600"N | 017°43'33.1500"E |
| POPPE | ICAO | 43°01'09.2600"N | 017°51'43.7700"E |

Input data

| | |
|---|---|
| Operation Type | 0 |
| SBAS Provider | 1 (EGNOS) |
| Airport Identifier | LQMO |
| Runway | 33 |
| Runway Letter | 0 (None) |
| Approach Performance Designator | 0 |
| Route Indicator | |
| Reference Path Data Selector | 0 |
| Reference Path Identifier | E33A |
| LTP/FTP Latitude | 431624.4630N |
| LTP/FTP Longitude | 017511693.10E |
| LTP/FTP Ellipsoidal Height (meters) | 898 |
| FPAP Latitude | 431741.8380N |
| Delta FPAP Latitude (seconds) | 773.750 |
| FPAP Longitude | 017511.46.530E |
| Delta FPAP Longitude (seconds) | -2.2780 |
| Threshold Crossing Height | 150 |
| TCH Units Selector | 1 (meters) |
| Glidepath Angle (degrees) | 3.40 |
| Course Width (metres) | 105.00 |
| Length Offset (metres) | 0 |
| HAL (metres) | 40.0 |
| VAL (metres) | 35.0 |

Output data

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Data Block | 10 | OF | OD | 11 | OC | 21 | 00 | 00 | 01 | 33 |
| | 33 | 05 | 1E | 2A | 92 | 12 | 86 | 93 | A9 | 07 |
| | 82 | 17 | 7E | 5C | 02 | 34 | EE | FF | 2C | 81 |
| | 54 | 01 | 64 | 00 | CB | AF | 5B | 56 | CF | C2 |
| Calculated CRC Value | 5B56CFC2 | | | | | | | | | |

Required Additional Data

| | |
|---|---|
| ICAO Code | LQ |
| LTP/FTP Orthometric Height (metres) | 477 |

EUROCONTROL FAS DB tool Version 32.1