LQMO - MOSTAR

Note: The following sections in this chapter are intentionally left blank: AD-2.16, AD-2.21

LQMO AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LQMO - MOSTAR INTERNATIONAL AIRPORT

LQMO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	431658.44N 0175045.16E
2	Direction and distance from (city)	4 NM SSE from railway station Mostar
3	Elevation/Reference temperature	174 FT / 32ºC
4	Geoid undulation at AD ELEV PSN	138 FT
5	MAG VAR/Annual Change	5º E (2020)/0.1º increasing
6	Name of AD operator Address Telephone Telefax AFS SITA E-mail URL	Post: Mostar Airport Ltd Ortiješ bb, P. O. BOX 04 88000 Mostar Phone: +387 36 352 770 Fax: NIL AFS: NIL SITA: OMOAPXH E-mail: info@mostar-airport.ba URL: http://www.mostar-airport.ba
7	Types of traffic permitted (IFR/VFR)	IFR-VFR
8	Remarks	INFO about airport slot allocation and form AVLB via TEL: +387 63 990 241 and opc@mostar-airport.ba or http://mostar-airport.ba/en/home/business/technical-information/

LQMO AD 2.3 OPERATIONAL HOURS

1	AD operator	Upon NOTAM
2	Customs and immigration	Upon NOTAM
3	Health and sanitation	Upon NOTAM
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	Upon NOTAM
6	MET Briefing Office	H24
7	ATS	Upon HO
8	Fuelling	As AD operating time
9	Handling	Upon NOTAM
10	Security	H24
11	De-icing	As AD HR SER
12	Remarks	Extension of AD operating time O/R 24 HR in advance

LQMO AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel/oil types	Jet A1 / NIL
3	Fuelling facilities/capacity	Fuel truck 24000 L, Fuel truck 12000 L and Terminal facility 120000 L - JET A1
4	De-icing facilities	Aircraft de-icing vehicle (1x), Fluid type: ADF type I, MAX working HGT: 11.5 M
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

LQMO AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Mostar
2	Restaurants	At AD, in Mostar
3	Transportation	Taxi, rent a car at AD, Bus
4	Medical facilities	First aid at AD, hospital in Mostar
5	Bank and Post Office	In Mostar
6	Tourist Office	In Mostar
7	Remarks	NIL

LQMO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6 [1)]
2	Rescue equipment	MERCEDES (ACTROS) 5400 L water, 700 L foam, 250 Kg dry agent - powder; MERCEDES (ACTROS) 9000 L water, 1000 L foam, 250 Kg dry agent - powder; Command vehicle (1x)
3	Capability for removal of disabled aircraft	Special equipment for removal of disabled aircraft is not available at Mostar Airport. Disabled aircraft can be removed using subcontractor equipment in coordination with the aircraft operator. Contact TEL: +387 63 990 241 or e-mail: opc@mostar-airport.ba
4	Remarks	[1)] Up to CAT 7 available O/R 24 HR in advance

LQMO AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	Types of clearing equipment	Snow sweeper; Tractor with snow plough
2	Clearance priorities	RWY 15/33, TWY A, Portion B between TWY A and Apron 1, Apron 1
3	Use of material for movement area surface treatment	NIL
4	Specially prepared winter runways	NIL
5	Remarks	Surface friction testers, Skiddometer

LQMO AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron designation, surface and strength	**APRON**		**SURFACE**	**STRENGTH**
		APRON 1		ASPH	STD 1 PCN 51/R/B/W/T
		APRON 2		CONC	PCN 44/R/B/W/U
2	Taxiway designation, width, surface and strength	**TAXIWAY**	**WIDTH**	**SURFACE**	**STRENGTH**
		A	18 M	ASPH	PCN 66/R/A/W/T
		B	18 M	ASPH	PCN 66/R/A/W/T
		C	12.2 M	CONC	PCN 44/R/B/W/U
3	Altimeter checkpoint location and elevation	Location: APRON 1, ELEV: 50.88 M/166.92 FT Location: APRON 2, ELEV: 50.15 M/164.54 FT			
4	VOR checkpoints location	NIL			
5	Points of INS checkpoints	NIL			
6	Remarks	TWY B between TWY A and Apron 1 is 18 M wide. Rest of TWY B is 12.2 M wide, CONC, PCN 44/R/A/W/T			

LQMO AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWYguide lines and visual docking/parking guidance system of aircraft stands	Guide lines to and at Aprons Sign boards Nose-out guidance at aircraft stands Vehicle “Follow me”, Marshaller
2	RWY and TWY markings and LGTs	RWY-15/33: Designations, threshold, touch-down zones, aiming point, centre line, edges
		TWY A: Centre line, north side line, holding position Taxiing guidance signs at intersection with RWY and TWY.
		TWY B: Centre line Taxiing guidance signs at intersection with TWYs
		TWY C: Centre line, holding position Taxiing guidance signs at intersection with RWY and TWY
3	Stop bars	NIL
4	Remarks	NIL

LQMO AD 2.10 AERODROME OBSTACLES

1. OBSTACLES IN AREA 2

Obstacle ID	Obstacle type	Coordinates	ELEV at TOP/ HGT	Marking / LGT type / colour	Remarks
1	2	3	4	5	6
NIL	NIL	NIL	NIL	NIL	NIL
HIGH TERAIN ALL QUADRANTS CIRCLING EAST OF RWY 15/33 NOT AUTHORIZED					

2. OBSTACLES DATA ABSENCE OF AN AREA 2 DATA SET FOR THE AERODROME

2.1 OBSTACLES THAT PENETRATE THE OBSTACLE LIMITATION SURFACES

NIL

2.2 OBSTACLES THAT PENETRATHE TAKE-OFF FLIGHT PATH AREA OBSTACLE IDENTIFICATION SURFACE

NIL

2.3 OTHER OBSTACLES ASSESSED AS BEING HAZARDOUS TO AIR NAVIGATION

NIL

3. OBSTACLES IN AREA 3

Obstacle ID	Obstacle type	Coordinates	ELEV at TOP/ HGT	Marking / LGT type / colour	Remarks
1	2	3	4	5	6
NIL	NIL	NIL	NIL	NIL	NIL

LQMO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MOSTAR MET
2	Hours of service MET Office outside hours	MET observation H24 MWO Banja Luka H24
3	Office responsible for TAF preparation Periods of validity Interval of issuance	*MWO Banja Luka 24 HR NIL
4	Trend forecast Interval of issuance	NIL NIL
5	Briefing / Consultation provided	Personal briefing or via telephone: +387 36 352 207 +387 61 260 176 Telephone (*MWO Banja Luka): +387 51 337 573
6	Flight documentation Language(s) used	METAR, TAF, SIGMET Charts: *SWC, W/T English
7	Charts and other information available for briefing or consultation	Diagnostic and prognostic surface and upper-level charts of meteorological fields
8	Supplementary equipment available for providing information	Internet access
9	ATS units provided with information	Mostar TWR, Mostar APP
10	Additional information (limitation of service, etc.)	NIL

LQMO AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designator	True BRG	Dimensions of RWY (M)	Strength of pavement (PCN) and surface of each RWY and associated SWY	THR COORD, RWY end COORD, THR GUND	THR ELEV and highest ELEV of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
15	157.76º	2400 X 49	PCN 54/R/B/X/T/ ASPH	431734.50N 0175024.98E NIL 138 FT	THR 172.08 FT TDZ 171 FT	-0.2%
33	337.77º	2400 X 49	PCN 54/R/B/X/T/ ASPH	431622.51N 0175105.27E NIL 138 FT	THR 156.59 FT TDZ 158 FT	+0.2%

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location/ description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	417 X 150	2520 X 300	240 X 90	NIL	NIL	NIL
NIL	219 X 150	2520 X 300	240 X 90	NIL	NIL	NIL

LQMO AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
15	2400	2817	2400	2400	NIL
	1900	2317	1900	1900	Take-off from intersection with TWY C
33	2400	2619	2400	2400	NIL

LQMO AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type, LEN, INTST	RWY THR LGT, colour and WBAR	VASIS (MEHT), PAPI	TDZ LGT LEN
1	2	3	4	5
15	NIL	G VRB LIH NIL	PAPI 3.2° (49 FT)	NIL
33	CAT I 900 M W VRB LIH	G VRB LIH NIL	PAPI BOTH 3.5° (60 FT)	NIL

RWY Centre Line LGT LEN, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
6	7	8	9	10
NIL	2400 M 60 M W 0–1800 M Y 1800–2400 M VRB LIH	R VRB LIH NIL	NIL	NIL
NIL	2400 M 60 M W 0–1800 M Y 1800–2400 M VRB LIH	R VRB LIH NIL	NIL	NIL

LQMO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: NIL IBN: NIL
2	LDI location and LGT Anemometer location and LGT	LDI: NIL Anemometer: See AD chart
3	TWY edge and centre line lighting	Edge: B VRB LIH; A, B, C CL: NIL
4	Secondary power supply/switch-over time	AVBL: 1 SEC
5	Remarks	NIL

LQMO AD 2.16 HELICOPTER LANDING AREA

NIL - NOT-AVAILABLE

LQMO AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	MOSTAR CTR 432144.98N 0174901.02E; 431459.98N 0175730.02E; 430026.00N 0180117.00E; 425823.00N 0174817.00E; 430121.00N 0174201.00E; 431649.98N 0174400.02E; 432144.98N 0174901.02E.
2	Vertical limits	GND - 6500 FT AMSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	MOSTAR TOWER/ MOSTAR TORANJ English/ Bosnian/ Croatian/ Serbian
5	Transition altitude	10000 FT AMSL
6	Hours of applicability	Upon NOTAM
7	Remarks	NIL

LQMO AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel (s)	SAT-VOICE number (s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	MOSTAR APPROACH/ MOSTAR PRILAZNA KONTROLA	120.225 MHZ	NIL	NIL	As ATS	Primary FREQ
		129.875 MHZ	NIL	NIL	As ATS	Spare FREQ
		121.500 MHZ	NIL	NIL	As ATS	EMERG FREQ
ATIS	MOSTAR INFORMATION	126.225 MHZ	NIL	NIL	H24	Coverage: 60 NM Also available on TEL: +387 36 445 267
TWR	MOSTAR TOWER/ MOSTAR TORANJ	125.550 MHZ	NIL	NIL	As ATS	Primary FREQ
		129.875 MHZ	NIL	NIL	As ATS	Spare FREQ
		121.500 MHZ	NIL	NIL	As ATS	EMERG FREQ

LQMO AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, MAG VAR, type of supported OPS for ILS/MLS/ GLS, basic GNSS and SBAS, classification for ILS, facility classification and approach facility designation(s) for GBAS (for VOR/ILS/MLS give declination)	ID	Frequency Channel number Service provider	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME (5°E/2020)	MSR	116.9 MHZ CH 116X	H24	431540.94N 0175121.19E	54.72 M	Unsatisfactory VOR MSR coverage between clockwise R225-R265 and clockwise R315-R135 (Flight profile: orbit R=40 NM ALT; FL 120). Unsatisfactory DME MSR coverage between clockwise R175-R290 and clockwise R310-R165 (Flight profile: orbit R=40 NM ALT; FL 120).
NDB (5°E/2020)	DNC	425 KHZ	H24	430814.84N 0175050.58E	265.05 M	Coverage 15 NM
LOC (5°E/2020)	MOS	108.1 MHZ	H24	431623.94N 0175116.94E	50.08 M	Offset 21º
GP (5°E/2020)	-	334.7 MHZ	H24	431623.97N 0175117.93E	-	GP/DME collocated
DME (5°E/2020)	-	108.1 MHZ CH 18X	H24	431623.97N 0175117.93E	50.38 M	GP/DME collocated

LQMO AD 2.20 LOCAL TRAFFIC REGULATIONS

1. LOW VISIBILITY TAKE-OFF (LVTO)

1.1 Introduction

Low Visibility Take-Off (LVTO) is applied when the Runway Visual Range (RVR) is lower than 550 meters but not lower than 300 meters.
Take-off at Mostar Airport in conditions of reduced visibility (LVTO) is prohibited when the RVR is lower than 300 meters.

1.2 Preparation Phase

The preparation phase for the application of LVTO begins when the RVR is 800 meters or less, and a further reduction in visibility is expected. (The pilot of the aircraft will not be notified at this stage.)

The preparatory phase for the introduction of the LVTO is decided by the on-duty air traffic controller.

In this preparatory phase, all airport services must check the part of movement area to be used in Low Visibility Conditions (Manoeuvring area + Apron), associated visual navigation aids, vehicles and equipment.

1.3 LVTO activation phase

LVTO procedure will be activated when the METEO office reports that the RVR is lower than 550 meters.

The decision to initiate LVTO procedures is taken by the on-duty air traffic controller if an aircraft take-off operation is planned or expected, and METEO report shows that the RVR is lower than 550 meters.

Pilot will be informed when LVTO is in operation by RTF call with the words: “Low Visibility Take-Off Procedures in Operation”.

Low Visibility Take-Off (LVTO) is permitted on Runway 15.

During LVTO taxiing of aircraft from the parking position at Apron to the RWY 15 is allowed on taxiways "B" and "A".

Apron 1 is used for parking and servicing of aircraft in LVTO.

When LVTO procedures are activated, only one aircraft is allowed to move on the apron and manoeuvring area.

During the LVTO, it is mandatory to guide the aircraft with the vehicle "Follow Me" on its way from the parking position at the Apron to Runway 15.

All vehicles moving on the movement area (manoeuvring area + apron) must have the lights on and the rotating yellow light (or 4 turn lights if they are without the yellow rotating light).

Vehicle speed limit must be reduced to:

- Apron: 15 km/h
- Taxiways: 25 km/h
- Runway: 30 km/h

During LVTO, movement on the manoeuvring area is allowed only to:

- “Follow Me” vehicle,
- ARFF and medical service vehicle in case of an emergency,
- Maintenance service vehicle in case of urgent repair.

1.4 LVTO Suspension phase

LVTO procedures will be suspended when the RVR is 550 meters and greater than 550 meters and further improvement is expected.

The on-duty air traffic controller decides on the suspension of LVTO procedures.

1.5 Visual Aids for Navigation on the Movement Area (Manoeuvring area + Apron)

- RWY Designation marking
- RWY Threshold marking
- RWY Centre line marking
- RWY Aiming point marking
- RWY Touchdown zone marking
- RWY Side strip marking
- TWY Centre line marking
- Enhanced TWY „A“ centre line
- RWY Holding position marking
- Aircraft stand marking
- Mandatory signs
- Information signs
- Approach lighting system (CAT I) for RWY 33
- Visual approach slope indicator system -PAPI for RWY15 and 33
- RWY 15-33 Threshold identification lights
- RWY End lighting system
- RWY Edge lighting system
- TWY Edge lighting system
- Apron floodlighting system

1.6 Secondary power supply

Time of connection to the secondary power supply is as follows:

- RWY Edge lighting system - 1 seconds
- RWY End lighting system - 1 seconds
- TWY edge lighting system - 1 seconds

LQMO AD 2.21 NOISE ABATEMENT PROCEDURES

NIL - NOT-AVAILABLE

LQMO AD 2.22 FLIGHT PROCEDURES

Mostar Airport is classified as CAT B airport which requires a specific briefing to crews prior to operation into Mostar. Ref. AIC A025/2006.
Descriptions of arrival and departure procedures are on the charts.
Required authorisation from BHDCA for Special IGS/LOC RWY 33. Ref AIC A004/2020.
In case of complete communication failure, ATC signal light gun is available on Mostar TWR.
Pilots shall observe light signals from TWR.

LQMO AD 2.23 ADDITIONAL INFORMATION

Bird concentration on and in the vicinity of RWY. Caution advised.

LQMO AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
Aerodrome Chart - ICAO	LQMO AD 2.24.01 - 1
Aircraft Parking/Docking Chart - ICAO	NIL
Aerodrome Ground Movement Chart - ICAO	NIL
Aerodrome Obstacle Chart - ICAO - Type A (RWY 15 - GEO 173)	LQMO AD 2.24.04 - 1
Aerodrome Obstacle Chart - ICAO - Type A (RWY 15 - GEO 200)	LQMO AD 2.24.04 - 3
Aerodrome Obstacle Chart - ICAO - Type A (RWY 33)	LQMO AD 2.24.04 - 5
Aerodrome Obstacle Chart - ICAO - Type A (RWY 33)	LQMO AD 2.24.04 - 7
Aerodrome Terrain and Obstacle Chart - ICAO (Electronic)	NIL
Precision Approach Terrain Chart - ICAO	NIL
Area Chart – ICAO (departure and transit routes)	NIL
Standard Departure Chart - Instrument (SID) - ICAO (GEBNI 1K, NETKO 1K, VELIT 1K, VRANA 1K RWY 15)	LQMO AD 2.24.08 - 17
Standard Departure Chart - Instrument (SID) - ICAO (GEBNI 1C, NETKO 1C, VELIT 1C, VRANA 1E, XELMI 1C RNP RWY 33)	LQMO AD 2.24.08 - 19
Standard Departure Chart - Instrument (SID) - ICAO (GEBNI 1F, NETKO 1F, VELIT 1F, VRANA 1F, XELMI 1F RNP RWY 15)	LQMO AD 2.24.08 - 23
Area Chart – ICAO (arrival and transit routes)	NIL
Standard Arrival Chart - Instrument (STAR) - ICAO (GEBNI 1M, NETKO 1M, VELIT 1M, VELIT 1N, VRANA 1M, XELMI 1M RNP RWY 33)	LQMO AD 2.24.10-1
Standard Arrival Chart - Instrument (STAR) - ICAO (GEBNI 1R, NETKO 1R, VELIT 1R, VRANA 1R, XELMI 1R RWY 33)	LQMO AD 2.24.10-3
ATC Surveillance Minimum Altitude Chart - ICAO	NIL
Instrument Approach Chart - ICAO (IGS-Z RWY 33 Special procedure)	LQMO AD 2.24.12 - 5
Instrument Approach Chart - ICAO (LOC-Z RWY 33 Special procedure)	LQMO AD 2.24.12 - 7
Instrument Approach Chart - ICAO (IGS-Y RWY 33 Special procedure)	LQMO AD 2.24.12 - 9
Instrument Approach Chart - ICAO (LOC-Y RWY 33 Special procedure)	LQMO AD 2.24.12 - 11
Instrument Approach Chart - ICAO (IGS-X RWY 33 Special procedure)	LQMO AD 2.24.12 - 13
Instrument Approach Chart - ICAO (LOC-X RWY 33 Special procedure)	LQMO AD 2.24.12 - 15
Instrument Approach Chart - ICAO (RNP RWY 33)	LQMO AD 2.24.12 - 17
Instrument Approach Chart - ICAO (VOR RWY 33)	LQMO AD 2.24.12 - 21
Visual Approach Chart - ICAO	LQMO AD 2.24.13 - 1

Name	Page
Bird concentrations	NIL

LQMO AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Multiple terrain penetration located on VSS edge.
Affected procedures:

- Instrument Approach Chart - ICAO (RNP RWY 33) - LQMO AD 2.24.12-17
- Instrument Approach Chart - ICAO (VOR RWY 33) - LQMO AD 2.24.12-21