

AD 2. AERODROMES**VOML 2.1 AERODROME LOCATION INDICATOR AND NAME****VOML-MANGALORE/DOMESTIC****VOML AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	125743.40N 0745323.20E 101.629M AMSL
2.	Direction and distance from (city)	022°, 20KM from Mangalore
3.	Elevation/Reference temperature	101.629M(AMSL)/32°C
4.	MAG VAR/Annual change	2.25°W(1985)/ 0.025° Increasing
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Airport Director, Airports Authority of India, Mangalore Airport, Bajpe, Mangalore-574142.
		Tele 0824-2220400
		Mobile 09448125412
		Telefax 0824-2254175
	AFS	VOMLYHYX
6.	Types of traffic permitted (IFR/VFR)	VFR/IFR
7.	Remarks	Aerodrome located on hilltop. Valleys 200ft to 250ft immediately beyond paved surface of Runway

VOML AD 2.3 OPERATIONAL HOURS

1.	AD Administration	MON-FRI: 0400-1200 (0930-1730 IST) Sat/Sun/Holiday: Nil
2.	Custom and immigration	Available.
3.	Health and sanitation	Available
4.	AIS Briefing office	As ATS
5.	ATS Reporting Office(ARO)	As ATS
6.	MET Briefing office	As ATS
7.	ATS	Consult Current NOTAM for ATS HR.
8.	Fuelling	As ATS
9.	Handling	As ATS
10.	Security	As ATS
11.	De-icing	Nil
12.	Remarks	Outside ATS hours, services available O/R with 24 HR PN to AD.

VOML AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	Limited, Manual
2.	Fuel/oil types	JET A1 (ATF-K50)
3.	Fuelling facilities/capacity	2 REFULLER 11000/12000 Liters, 1500 Liters/Min. / Total fuel storage capacity 140KL.
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

VOML AD 2.5 PASSENGER FACILITIES

1.	Hotels	In the city. Nearest at 10km.
2.	Restaurants	At AD and in the city.
3.	Transportation	Buses, Taxis and Car hire from the city.
4.	Medical Facilities	First aid at AD. Hospitals in the city.
5.	Bank and post office	At AD. Open within Bank & Post office hours. ATM counter 24HR.
6.	Tourist office	Office in the city, Tele-No. 0824-2421692 / 2442926
7.	Remarks	Nil

VOML AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Within ATS HR: Cat 6 (Refer current NOTAM also)
2.	Rescue equipment	Available as per category.
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	Nil

VOML AD 2.7 SEASONAL AVAILABILITY – CLEARING

Nil

VOML AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Surface	Cement Concrete
		Strength	PCN 54/R/B/X/T
		Dimension	189.5X55 M
		Shoulder	7.5 M all around
		Markings	Apron Edge & Aircraft Stand
2.	Taxiway width, surface and strength	Designator	A, B & C
		Location	See AD2.23
		Width	23M
		Surface	Bituminous
		Strength	PCN 54/F/B/X/T
3.	ACL and elevation	Shoulder	7.5 M
		Location	At Apron
4.	VOR/INS checkpoints	Elevation	101M/331ft
		VOR	Nil
5.	Remarks	INS	Nil
		Four parking stands available. Two B737/A320 and two ATRs can be parked simultaneously or three parking stands for B737 avbl.	

VOML AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	Use of aircraft stand ID signs, TWY guidelines and visual docking / parking guidance system of aircraft stands	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. Markings: Guidelines on Apron. Acft. stand ident. Lighting: Edge		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Aiming point, Centerline, Edge, End
			Lighted	THR, EDGE and END, Turning Pad.
		TWY	Marked	Centreline, Edge, Holding position at all TWY, RWY intersection
			Lighted	Edge (TWY C only)
3.	Stop bars	Nil		
4.	Remarks	Nil		

VOML AD 2.10 AERODROME OBSTACLES

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		
RWY/Area affected	Obstacle type Elevation Marking/LGT	Coordinates	Obstacle type Elevation Marking/LGT	Coordinates	
a	b	c	a	b	
1.RWY 27 APCH RWY 09 TKOFF 2.	TREE 90.5M/297FT	125744.2N 0745356.32E	OHWT 150.7M/494FT	125823.6N 0745549.0E	
	TREE 90.5M/297FT	125740.9N 0745356.7E	TREE 95.7M/314FT	125745.6N 0745353.6E	
			GROUND LEVEL 91.9M/302FT	125745.3N 0745353.6E	
			GROUND LEVEL 90.9M/298FT	125745.1N 0745355.4E	
			TREE 140.2M/460FT	125658.2N 0745555.9E	
			SECURITY HUT 103.5M/340FT	125739.4N 0745310.3E	
			GP OF TREES 115.8M/380FT	125738.7N 0745314.8E	
			POST OFFICE 108.1M/355FT	125739.0N 0745316.5E	
			ATC ANTENNA 117.9M/387FT	125748.0N 0745325.5E	
			GP ANTENNA 106.3M/349FT	125738.5N 0745345.9E	
			TV TOWER 175M/574FT	125524.0N 0745402.9E	

VOML AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	MANGALORE
2.	Hours of service Met office outside hours	H24 ---
3.	Office responsible for TAF preparation Periods of validity	BANGALORE 9HR [00-09, 03-12, 06-15, 09-18, 21-06]
4.	Types of landing forecast Interval of issuance	Nil
5.	Briefing / consultation provided	Nil
6.	Flight documentation Language(s) use	Tabular form English
7.	Charts and other information available For briefing or consultation	Nil
8.	Supplementary equipment available for Providing information	Nil
9.	ATS units provided with information	Mangalore ATC AND ACS
10.	AD Additional information (limitation of service, etc.)	Documentation provided A/R.

VOML AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY	True & MAG BRG	Dim. Of RWY (M)	Strength (PCN) & Surface Of RWY & SWY	THR COORD.	THR elevation & highest elevation of TDZ of precision app RWY
1	2	3	4	5	6
09	089°07'GEO 091°30'MAG	1625X45	54/F/B/X/T TARMAC	125741.35N 0745300.07E	THR 98M/321FT
27	269°07'GEO 271°30'MAG	1625X45	54/F/B/X/T TARMAC	125742.19N 0745353.97E	THR 89.6M/294FT TDZ 94.0M
06	058°23'GEO 060°15'MAG	2450X46	54/R/B/X/T	125656.79N 0745239.41E	THR 93.50M TDZ 93.50M
24	238°23'GEO 240°15'MAG	2450X46	54/R/B/X/T	125736.53N 0745345.24E	THR 93.90M TDZ 96.64M
Slope	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
+0.94% to -1.44%	Nil	Nil	1768X150	Nil	THR marked at 70M & 73M from the beginning of paved surface of RWY 09&27 respectively due inadequate basic strip.
+1.44% to -0.94%	Nil	Nil	1768X150	Nil	
+0.56 to -0.46%	Nil	Nil	2570X150	Nil	
+0.46% to -0.56%	Nil	Nil	2570X150	Nil	

VOML AD 2.13 DECLARED DISTANCES

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1625	1625	1625	1625	
27	1625	1625	1625	1625	
06	2450	2450	2450	2330	Rwy 06 Threshold displaced by 120 M RESA: 90X90M
24	2450	2450	2450	2450	RESA: 180X90M

VOML AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Desig	APCH LGT Type LEN INST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY CentreLine LGT Length, spacing, colour, INTST	RWY Edge LGT LEN, spacing, colour , INTST
1	2	3	4	5	6	7
09	Nil	Green	PAPI LEFT/3°	Nil	Nil	1625M, 60M, White, LIH
27	Nil	Green	PAPI LEFT/3°	Nil	Nil	1625M, 60M, White, LIH
06	SALS 360M		PAPI 3°(15.46 M)	Nil	Nil	---
24	SALS 420M		PAPI 3°(15.32 M)	Nil	Nil	---
RWY End LGT colour WBAR	SWY LGT LEN(M) colour				Remarks	
8	9				10	
Red	Nil				Nil	
Red	Nil				Nil	
---	Nil				Nil	
---	Nil				Nil	

VOML AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN/IBN location, characteristics and Hours of operation	ABN: At Tower Building, FLG W&G EV2SEC. IBN: Nil, As ATS HR.
2.	LDI location and LGT Anemometer location and LGT	LDI: Not Avbl Anemometer: 140M NE of ARP, Lighted
3.	TWY edge and centre line lighting	Edge: All TWY Centre line: Nil
4.	Secondary power supply/switch-over Time	Secondary power supply to all lighting at AD. Switch-over time: 5 sec
5.	Remarks	Nil

VOML AD 2.16 HELICOPTER LANDING AREA

Helicopter landing area not established

VOML AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Mangalore CTR a circle radius 46.3KM (25NM) Centered at 125740.6N 0745517.9E (VOR) "MML"
2.	Vertical limits	SFC to 5000FT MSL
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Mangalore Tower English
5.	Transition altitude	8000 FT MSL
6.	Remarks	Nil

VOML AD 2.18 ATS COMMUNICATION FACILITIES

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APPROACH	Mangalore Approach	122.100MHz	As ATS	Refer NOTAM for current HR of operation
TOWER	Mangalore Tower	122.100MHz	As ATS	Emergency Frequency 121.5 MHz
MSSR/RSR	Mangalore Radar	127.55 MHz 128.7MHz (Std. By)	As ATS	

VOML AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid CAT of ILS/MLS (For VOR/ILS/MLS)	ID	Frequency	Hours of Operation	Coordinates of Site of transmitting antenna	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	MML	114.200MHz	H-24	125740.6N 0745517.9E		Nil
DME	MML	1176/1113M Hz	H-24	125740.6N 0745517.9E	112.2M	Collocated with DVOR
NDB	ML	357KHz	As ATS	125747.5N 0745331.0E	-----	Nil
LLZ-24 ILS CAT-1	IMNG	110.1MHz	As ATS	125651.5N 0745228.9E		Rwy 27 ILS completely withdrawn.
GP		334.4MHz	As ATS	125735.3N 0745334.7E		3° RDH 50 FT
DME (GP)	IMNG	999/ 1062MHz	As ATS	--DO--	100.9M	Collocated with GP.

VOML AD 2.20 LOCAL TRAFFIC REGULATIONS

VOML AD 2.21 NOISE ABATEMENT PROCEDURE-----**VOML AD 2.22 FLIGHT PROCEDURE**

VOML AD 2.23 ADDITIONAL INFORMATION

Location of TWY A & B: 866M and 756M respectively from beginning of Rwy 27 and North of Rwy

Location of TWY C: Connecting RWY24/06 THR with RWY 27/09 THR at beginning of Rwy 24 and 291.45 M from beginning of Rwy 27, left side, Length-130.5M.

VOML AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS RWY 24
2. VOR RWY 06
3. VOR RWY 27
4. VOR RWY 27 (CIRCLING)
5. VOR RWY 09
6. VOR RWY 09 (CIRCLING)
7. NDB RWY 27
8. NDB RWY 09
9. Aerodrome OBST. Chart Type A – RWY 06/24
10. Aerodrome OBST. Chart Type A – RWY 09/27