

## AD 2. AERODROMES

### VRMV AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VRMV – VILLA INTERNATIONAL AIRPORT MAAMIGILI

### VRMV AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	032814N 0725004E Runway mid-point
2	<i>Direction and distance from (city)</i>	010° 210M North Maamigili
3	<i>Elevation, Reference temperature and mean low temperature</i>	2.11M (7FT) / 31.7°C
4	<i>Geoid undulation at AD ELEV PSN</i>	-
5	<i>Magnetic (MAG) variation (VAR)/Annual change</i>	3° W (2017) / 2° E
6	<i>Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and website address</i>	Villa Shipping and Trading Company Pvt. Ltd Villa International Airport Maamigili Maamigili Island South Ari Atoll Republic of Maldives Tel: (+960) 668 4236, (+960) 999 2688 <a href="mailto:safety@villaairport.mv">safety@villaairport.mv</a>
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

### VRMV AD 2.3 OPERATIONAL HOURS

1	<i>Aerodrome operator</i>	Saturday to Thursday 0800 – 1630 Hours
2	<i>Customs and immigration</i>	On request basis
3	<i>Health and sanitation</i>	Maamigili Health Centre
4	<i>Aeronautical information service (AIS) briefing office</i>	NIL
5	<i>ATS Reporting office (ARO)</i>	NIL
6	<i>MET Briefing Office</i>	NIL
7	<i>ATS</i>	HO
8	<i>Fuelling</i>	NIL
9	<i>Handling</i>	NIL
10	<i>Security</i>	H24
11	<i>De-icing</i>	Not Applicable
12	<i>Remarks</i>	NIL

**VRMV AD 2.4 HANDLING SERVICES AND FACILITIES**

1	<i>Cargo-handling facilities</i>	Equipped to handle aircraft ranging from light to medium aircraft
2	<i>Fuel/oil types</i>	NIL
3	<i>Fuelling facilities/capacity</i>	NIL
4	<i>De-icing facilities</i>	Not Applicable
5	<i>Hangar space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	Fully equipped for ATR42 repair (Villa Air Hangar at VAM) subject to their availability
7	<i>Remarks</i>	NIL

**VRMV AD 2.5 PASSENGER FACILITIES**

1	<i>Hotels</i>	Holiday Island Resort and Spa Sun Island Resort and Spa Hotels are also available at Maamigili Island
2	<i>Restaurants</i>	Q Lounge / Restaurant
3	<i>Transportation</i>	By bus, dhoani and speed boat
4	<i>Medical facilities</i>	Maamigili Health Centre at Maamigili Island
5	<i>Bank and Post Office</i>	State Bank of India Maamigili Branch
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

**VRMV AD 2.6 RESCUE AND FIRE-FIGHTING SERVICES**

1	<i>AD category for fire-fighting</i>	CAT 6
2	<i>Rescue equipment</i>	Adequately provided as recommended by ICAO
3	<i>Capability for removal of disabled aircraft</i>	Able to remove light aircrafts
4	<i>Remarks</i>	NIL

**VRMV AD 2.7 SEASONAL AVAILABILITY – CLEARING**

1	<i>Types of clearing equipment</i>	NIL
2	<i>Clearance priorities</i>	NIL
3	<i>Remarks</i>	Aerodrome available throughout the year

**VRMV AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	<i>Apron designation, surface and strength</i>	Surface: Asphalt Strength: PCN 60/F/C/W/T
2	<i>Taxiway designation, width, surface and strength</i>	Width: 15M Surface: Asphalt Strength: PCN 60/F/C/W/T
3	<i>Altimeter checkpoint location and elevation</i>	Location: Runway mid-point Elevation: 1.62M / 5FT
4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	NIL

**VRMV AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Not applicable
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, TDZ and side stripe markings, Edge lights, THR and End lights TWY: Centre line, holding position markings on both Taxiways Edge lights on all taxiways
3	<i>Stop bars and runway guard lights</i>	NIL
4	<i>Other runway protection measures</i>	
5	<i>Remarks</i>	NIL

**VRMV AD 2.10 AERODROME OBSTACLES**

In Area 2					
<i>OBST ID/ Designation</i>	<i>OBST type</i>	<i>OBST position</i>	<i>ELEV/HGT</i>	<i>Markings/ Type, colour, lighting (LGT)</i>	<i>Remarks</i>
a	b	c	d	e	f
	Ooredoo Antenna	032839.0N 0725017.2E	30M		
	Dhiraagu Antenna 1	032827.5N 0725020.0E	24M		
	Apron Mast 1	032822.8N 0725020.2E	17M		
	Apron Mast 2	032822.7N 0725018.3E	16M		
	Apron Mast 3	032822.6N 0725016.7E	16M		
	Apron Mast 4	032822.9N 0725015.1E	16M		
	Apron Mast 5	032822.4N 0725013.5E	16M		
	Apron Mast 6	032822.3N 0725011.5E	16M		
	Apron Mast 7	032822.2N 0725010.2E	17M		

	Apron Mast 8	032822.1N 0725008.6E	17M		
	Apron Mast 9	032822.0N 0725007.0E	17M		
	Project Site Mast 1	032824.1N 0725037.7E	17M		
	Project Site Mast 2	032824.2N 0725040.0E	17M		
	Project Site Mast 3	032824.3N 0725041.7E	17M		
	Project Site Mast 4	032822.7N 0725041.5E	17M		
	Project Site Mast 5	032822.4N 0725040.2E	17M		
	Project Site Mast 6	032822.2N 0725037.9E	17M		
	WDI 27	032818.4N 0725026.5E	9M		
	WDI 09	032815.5N 0724941.6E	9M		
	Villa Air Hanger	032823.8N 0725025.0E	16.20M		
	Project Store Building	032824.9N 0725030.2E	13M		
	Workshop	032823.4N 0725034.7E	12M		
	Project Office Block	032823.8N 0725036.5E	11M		
	ATC Tower	032822.7N 0725003.7E	24M		

**VRMV AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	<i>Associated MET office</i>	NIL
2	<i>Hours of service MET office outside hours</i>	NIL
3	<i>Office responsible for terminal aerodrome forecast (TAF) preparation Periods of validity and interval of issuance</i>	NIL
4	<i>Trend forecast Interval of issuance</i>	NIL
5	<i>Briefing/consultation provided</i>	Consultation with Maldives Meteorological Services at VIA
6	<i>Flight documentation Language(s) used</i>	English
7	<i>Charts and other information available for briefing or consultation</i>	Yes
8	<i>Supplementary equipment available for providing information</i>	ATIS
9	<i>ATS units provided with information</i>	Maamigili TWR Male' TWR
10	<i>Additional information</i>	NIL

## VRMV AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations</i>		<i>Dimensions of RWY (M)</i>	<i>Strength of the pavement classification number (PCN) and surface of RWY and SWY</i>	<i>THR coordinates RWY end coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APCH RWY</i>
<i>RWY NR</i>	<i>TRUE BRG</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
1	2	3	4	5	6
09	086° GEO	1800 x 30	PCN 60/F/C/W/T Asphalt	032812.40N 0724935.20E	THR 2.11M / 6.9FT
27	266° GEO	1800 x 30	PCN 60/F/C/W/T Asphalt	032816.20N 0725033.40E	THR 2.10M / 6.8FT
<i>Designations</i>		<i>SWY dimensions (M)</i>	<i>Clearway (CWY) dimensions (M)</i>	<i>Strip dimensions (M)</i>	<i>Dimensions of runway end safety area</i>
<i>RWY NR</i>	<i>Slope of RWY-SWY</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>
1	7	8	9	10	11
09	0%	NIL	300 x 150	1920 x 150	
27	0%	NIL	300 x 150	1920 x 150	
<i>Designations</i>		<i>Location and description of arresting system</i>	<i>OFZ</i>	<i>Remarks</i>	
<i>RWY NR</i>					
1	12	13	14		
09		NIL	NIL		
27		NIL	NIL		

## VRMV AD 2.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
09	1800	2100	1800	1800	NIL
27	1800	2100	1800	1800	NIL

**VRMV AD 2.14 APPROACH AND RUNWAY LIGHTING**

RWY designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing colour INTST	RWY End LGT and Wing bar colour	SWY LGT LEN colour	Remarks
1	2	3	4	5	6	7	8	9	10
09	NIL	Green No	PAPI 3°40'	NIL	NIL	1800M 60M White	Red -	15M Blue	NIL
27		Green No	PAPI 3°40'	NIL	NIL	1800M 60M White	Red -	15M Blue	NIL

**VRMV AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ON TOP OF CONTROL TOWER, ALTN W/G EV MIN/IBN: NIL, HN
2	<i>LDI location and LGT Anemometer location and LGT</i>	LDI: NIL Anemometer: On top of control tower
3	<i>TWY edge and center line LGT</i>	Edge TWY A, B Centre Line: NIL
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lighting on RWY/ Switch-overtime: 15 seconds
5	<i>Remarks</i>	NIL

**VRMV AD 2.16 HELICOPTER LANDING AREA**

NIL

**VRMV AD 2.17 ATS AIRSPACE**

1	<i>Designation and lateral limits</i>	MAAMIGILI CTR A circle, radius of 14NM centered at 032814N 0725004E (ARP)
2	<i>Vertical limits</i>	SFC to 3 500FT AMSL
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign Language(s)</i>	Maamigili Tower English
5	<i>Transition altitude</i>	11 000FT AMSL
6	<i>Hours of applicability</i>	HO
7	<i>Remarks</i>	NIL

**VRMV AD 2.18 ATS COMMUNICATION FACILITIES**

<i>Service designation</i>	<i>Call sign</i>	<i>Channel(s)</i>	<i>SATVOICE number(s)</i>	<i>Logon address</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5	6	7
TWR	Maamigili Tower	118.9 MHz	NIL	NIL	HO	Primary frequency Emergency Frequency Frequency SMC Frequency
ATIS	Maamigili Information	125.6 MHz	NIL	NIL	HO	

**VRMV AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

NIL

**VRMV AD 2.20 LOCAL AERODROME REGULATIONS**

NIL

**VRMV AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**VRMV AD 2.22 FLIGHT PROCEDURES**

Aerodrome Traffic Circuit:

- RWY 27 - standard traffic circuit and all turns shall be made to left
- RWY 09 – non-standard circuit and all turns shall be made to the right

When Maamigili Tower is operational VFR and IFR within Maamigili CTR are subject to ATS.

When Maamigili Tower is NOT in operation VFR operating within Maamigili CTR shall maintain continuous listening watch and transmit position information on TIBA frequency 128.9MHz

During seaplane taxiing and landing/take-off pilot in command is responsible to avoid obstacles on water.

**VRMV AD 2.23 ADDITIONAL INFORMATION**

NIL

**VRMV AD 2.24 CHARTS RELATED TO AN AERODROME**Aerodrome Chart  
Control zone and VFR area ChartVRMV AD 2-9  
VRMV AD 2-11**VRMV AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION**

Not applicable

INTENTIONALLY LEFT BLANK

AERODROME CHART

032814N  
0725004E

ELEV  
2.10M

TWR 118.9

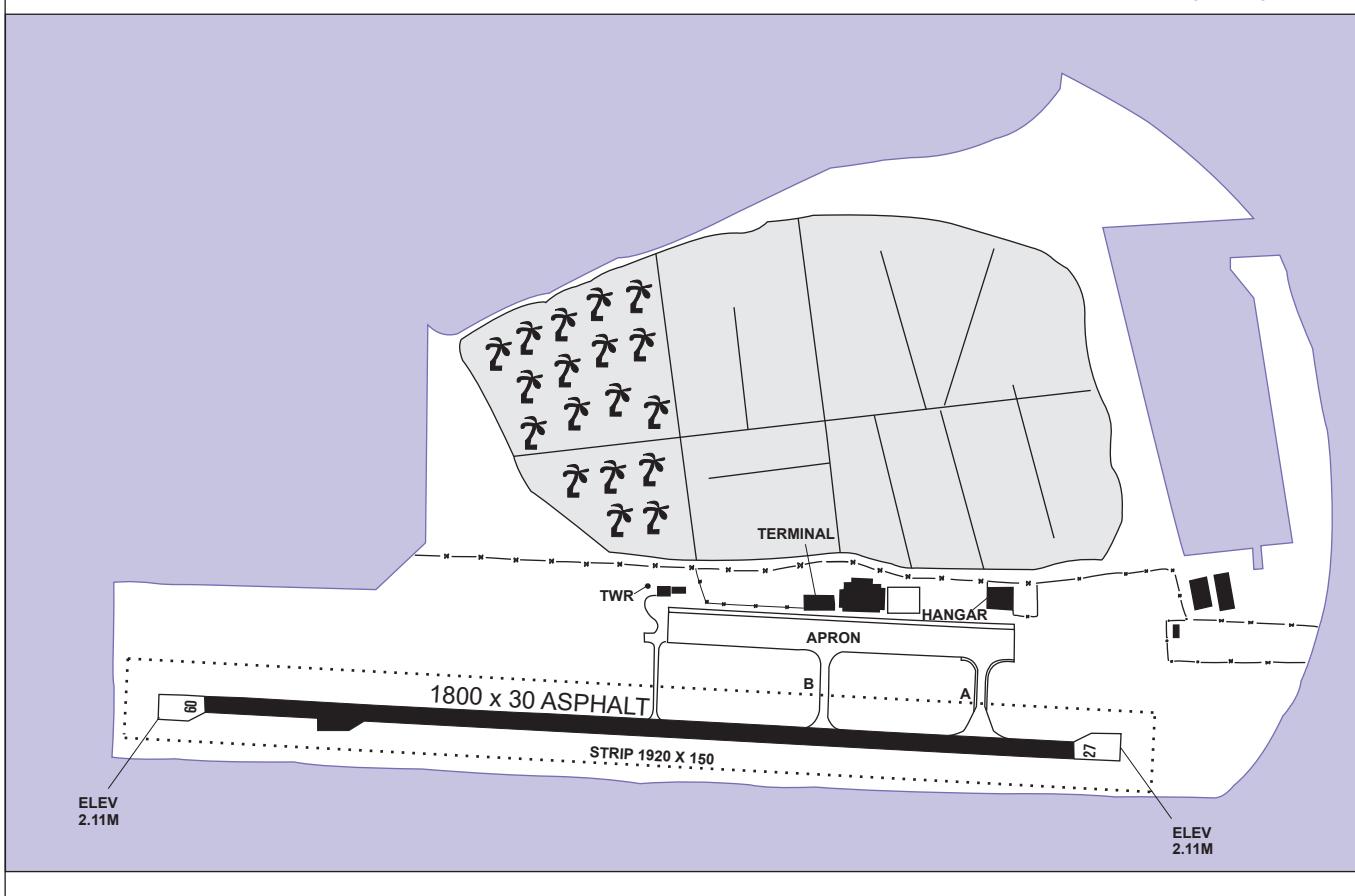
MAAMIGILI / VILLA INTERNATIONAL AIRPORT

RWY	DIRECTION	THR	BEARING STRENGTH
09	089°	03° 28' 12.40" N 072° 49' 35.20" E	PCN60/F/C/W/T
27	269°	03° 28' 16.20" N 072° 50' 33.40" E	PCN60/F/C/W/T

ELEVATIONS AND DIMENSIONS IN METERS  
BEARINGS ARE MAGNETIC

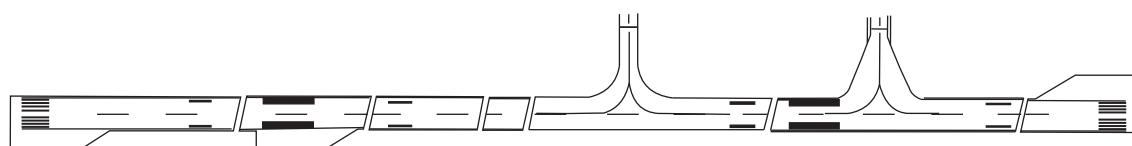
VAR 3° W (2017)

ANNUAL RATE  
OF CHANGE 2' E

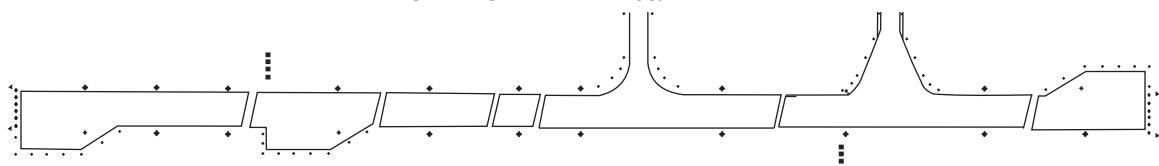


1000                    0                    1000                    2000                    3000  
meters                    feet

MARKING AIDS RWY 09/27 AND EXIT TWY



LIGHTING AIDS RWY 09/27 AND EXIT TWY



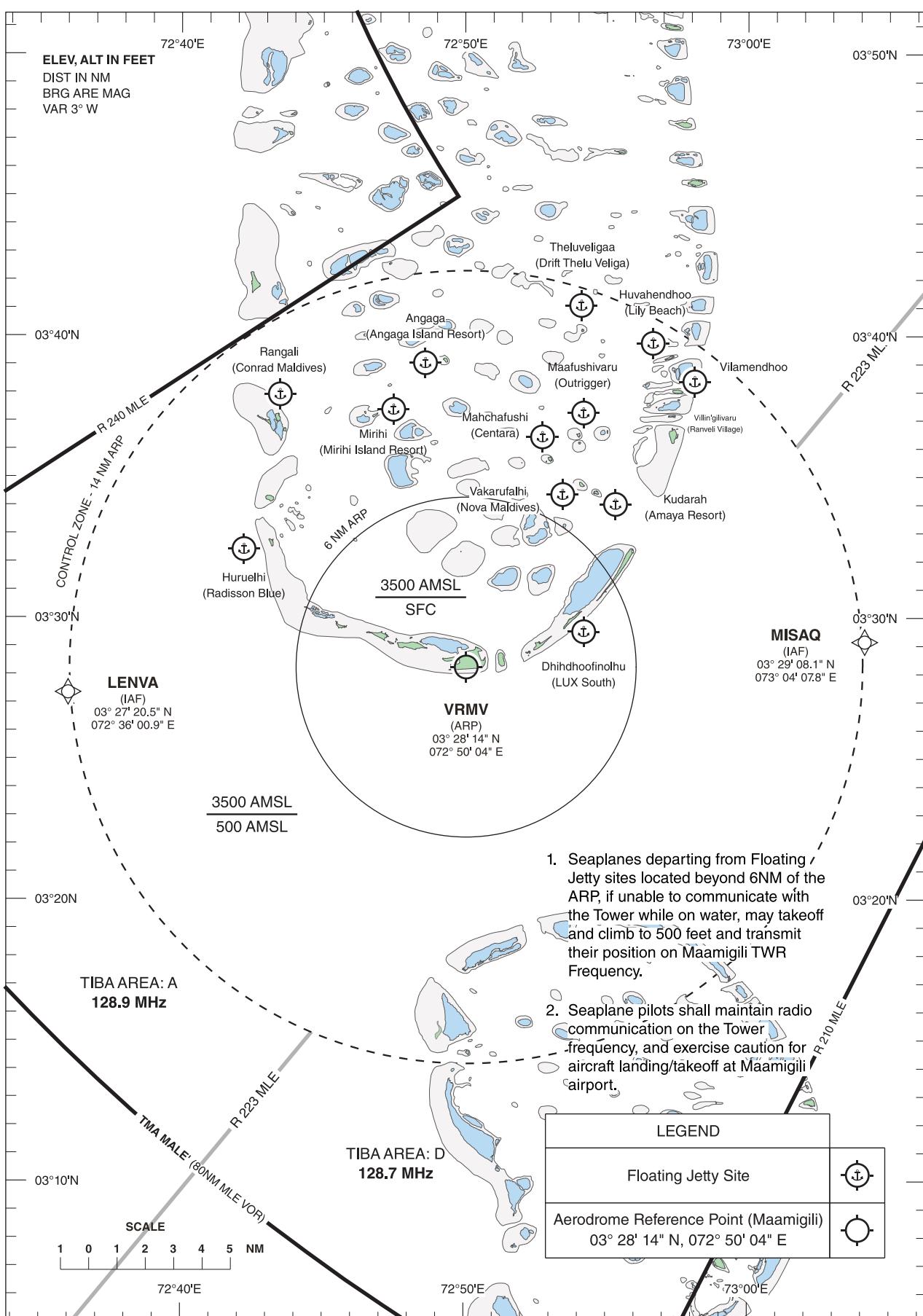
LEGEND

■	UNI DIRECTIONAL LIGHT
+	BI DIRECTIONAL LIGHT
♦	OMNI DIRECTIONAL LIGHT
►	CAPACITOR DISCHARGE LIGHT

**CONTROL ZONE  
AND VFR AREA CHART**

TWR 118.9  
ATIS 125.6

**VILLA INTERNATIONAL AIRPORT  
MAAMIGILI (VRMV)**



1. Seaplanes departing from Floating Jetty sites located beyond 6NM of the ARP, if unable to communicate with the Tower while on water, may takeoff and climb to 500 feet and transmit their position on Maamigili TWR Frequency.

2. Seaplane pilots shall maintain radio communication on the Tower frequency, and exercise caution for aircraft landing/takeoff at Maamigili airport.