

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 safety@villaairport.mv |
| 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

| <i>In Area 2</i> | | | | | |
|---------------------------------|--------------------|----------------------|-----------------|---------------------------------------------------------------|----------------|
| <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> |
| <i>a</i> | <i>b</i> | <i>c</i> | <i>d</i> | <i>e</i> | <i>f</i> |
| | 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 RWY NR</i> | <i>TRUE BRG</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> |
|------------------------------------|-----------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 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 RWY NR</i> | <i>Slope of RWY-SWY</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> |
| 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 RWY NR</i> | <i>Location and description of arresting system</i> | <i>OFZ</i> | <i>Remarks</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> |
|---------------------------|---------------------|---------------------|---------------------|--------------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 09 | 1800 | 2100 | 1800 | 1800 | NIL |
| 27 | 1800 | 2100 | 1800 | 1800 | NIL |

VRMV AD 2.14 APPROACH AND RUNWAY LIGHTING

| <i>RWY designator</i> | <i>APCH LGT type LEN INTST</i> | <i>THR LGT colour WBAR</i> | <i>VASIS (MEHT) PAPI</i> | <i>TDZ, LGT LEN</i> | <i>RWY Centre Line LGT Length, spacing, colour, INTST</i> | <i>RWY edge LGT LEN, spacing colour INTST</i> | <i>RWY End LGT and Wing bar colour</i> | <i>SWY LGT LEN colour</i> | <i>Remarks</i> |
|-----------------------|--------------------------------|----------------------------|--------------------------|---------------------|-----------------------------------------------------------|-----------------------------------------------|----------------------------------------|---------------------------|----------------|
| 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 Chart

VRMV AD 2-9
VRMV AD 2-11

VRMV AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable

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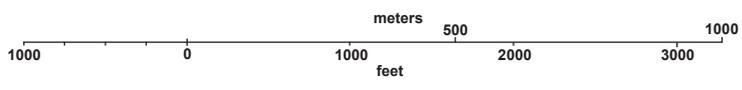
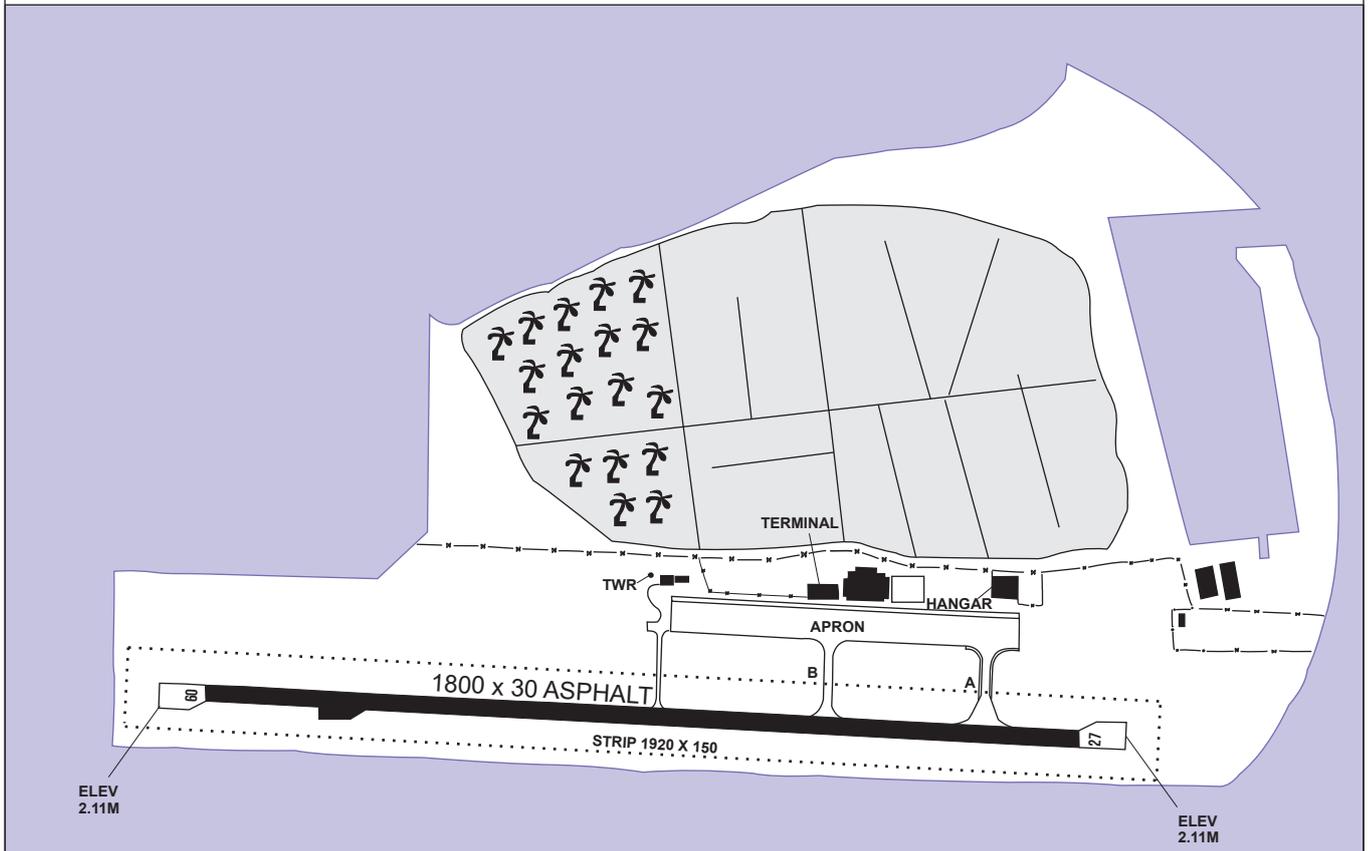
AERODROME CHART 032814N 0725004E ELEV 2.10M TWR 118.9 MAAMIGILI / VILLA INTERNATIONAL AIRPORT

| 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 |

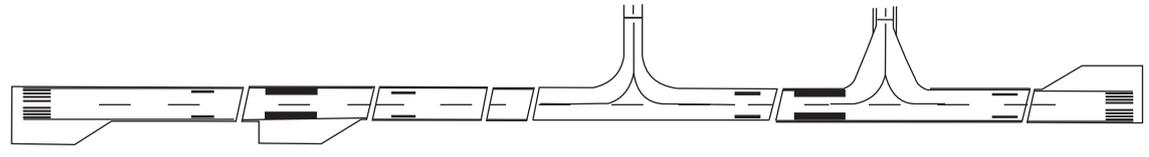
ELEVATIONS AND DIMENSIONS IN METERS
BEARINGS ARE MAGNETIC



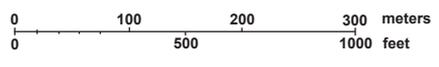
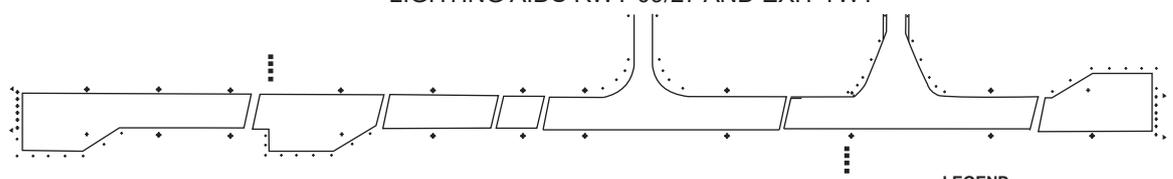
ANNUAL RATE OF CHANGE 2' E



MARKING AIDS RWY 09/27 AND EXIT TWY



LIGHTING AIDS RWY 09/27 AND EXIT TWY



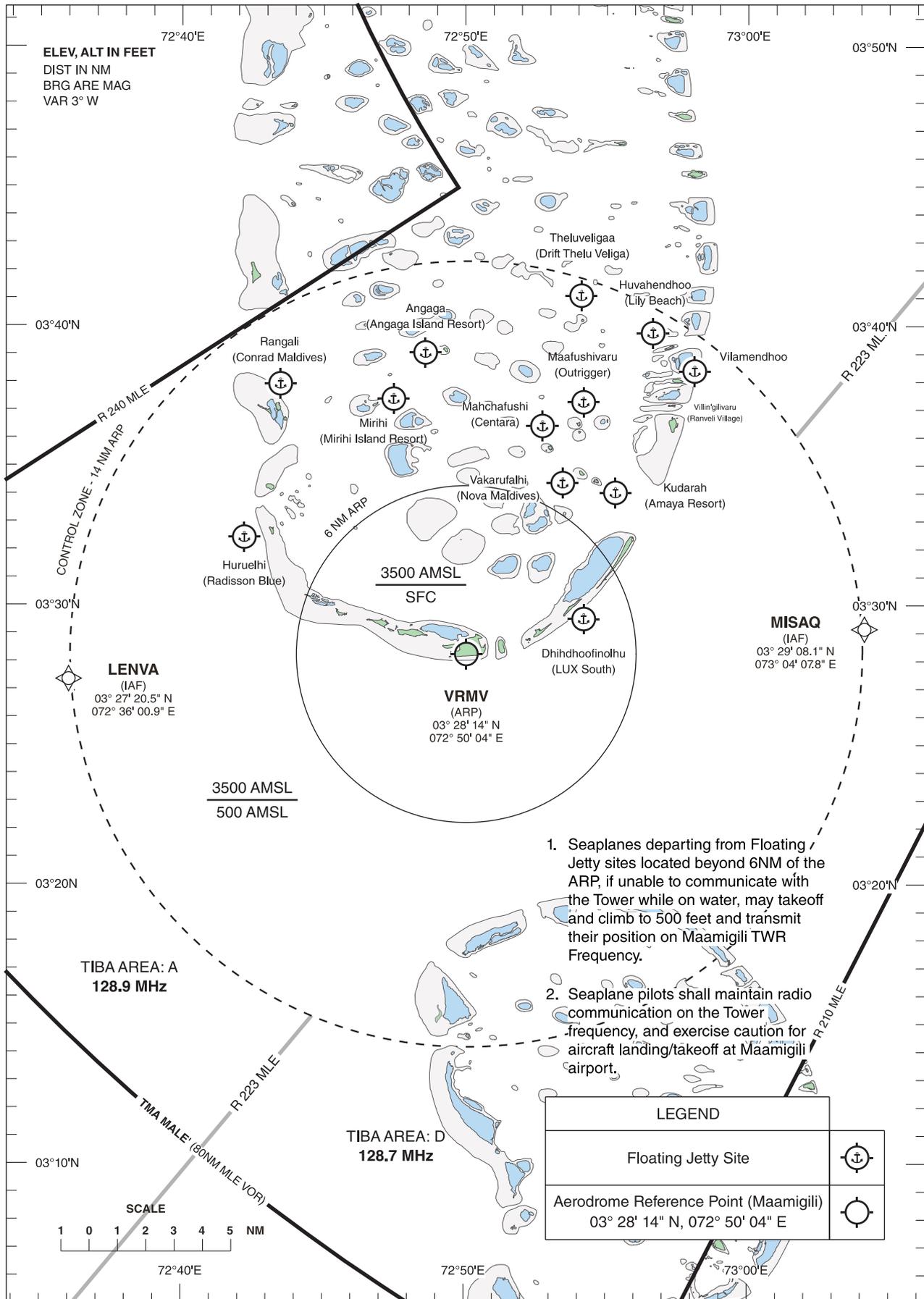
LEGEND

| | |
|---|---------------------------|
| ■ | 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.

| LEGEND | |
|------------------------------------------------------------------------|--|
| Floating Jetty Site | |
| Aerodrome Reference Point (Maamigili) 03° 28' 14" N, 072° 50' 04" E | |