

**AD 2. AERODROMES****VRMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VRMD – DHARAVANDHOO AIRPORT

**VRMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<i>ARP coordinates and site at AD</i>	050922N 0730749E Runway Mid-point
2	<i>Direction and distance from (city)</i>	063°, 0.376km
3	<i>Elevation, Reference temperature and mean low temperature</i>	2M (6FT) / 30.2°C
4	<i>Geoid undulation at AD ELEV PSN</i>	-97M
5	<i>Magnetic (MAG) variation (VAR)/Annual change</i>	3° W (2015) / NIL
6	<i>Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and website address</i>	Island Aviation Services Limited Corporate Headquarters Dar Al-Eiman Building Majeedhee Magu Male', 20345 Republic of Maldives Tel: (+960) 333 5566 Telefax: (+960) 331 4806 <a href="mailto:info@iasl.aero">info@iasl.aero</a> <a href="http://www.maldivian.aero">www.maldivian.aero</a>
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

**VRMD AD 2.3 OPERATIONAL HOURS**

1	<i>Aerodrome operator</i>	HO
2	<i>Customs and immigration</i>	NIL
3	<i>Health and sanitation</i>	H24
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

#### VRMD AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	Manage to handle Dash8 -200/300 ATR42-500/72-500/600
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>	NIL
7	<i>Remarks</i>	NIL

#### VRMD AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	Standard guest houses available in Dharavandhoo Island
2	<i>Restaurants</i>	In walkable distance
3	<i>Transportation</i>	Van, buggy, taxi, public ferry and speed boats
4	<i>Medical facilities</i>	NIL
5	<i>Bank and Post Office</i>	BML ATM
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

#### VRMD AD 2.6 RESCUE AND FIRE-FIGHTING SERVICES

1	<i>AD category for fire-fighting</i>	CAT 5
2	<i>Rescue equipment</i>	Adequately provided as recommended by ICAO
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	NIL

#### VRMMD AD 2.7 SEASONAL AVAILABILITY – CLEARING

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

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

1	<i>Apron designation, surface and strength</i>	Main Apron Surface: Asphalt Strength: PCN15/F/B/X/T
2	<i>Taxiway designation, width, surface and strength</i>	TWY A: 15 M, Asphalt, PCN15/F/B/X/T TWY B: 15 M, Asphalt, PCN15/F/B/X/T
3	<i>Altimeter checkpoint location and elevation</i>	Runway mid-point Elevation: 2 M
4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	NIL

**VRMD 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>	NIL
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation and center line markings. TWY: center line and holding position markings.
3	<i>Stop bars and runway guard lights</i>	NIL
4	<i>Other runway protection measures</i>	Protected by revetment and security restricted area fence
5	<i>Remarks</i>	NIL

**VRMD 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
Windsock	Windsock	050919.8N 0730747.8E	8M	Marked/Lighted	
Apron Flood Light Mast 1	Mast	050918.3N 0730805.7E	15M	Marked/Lighted	
Apron Flood Light Mast 2	Mast	050919.2N 0730803.5E	15M	Marked/Lighted	
Control Tower	Tower	050920.9N 0730803.2E	14M	Marked/Lighted	
Ooredhoo Antenna	Antenna	050932.4N 0730750.3E	40M	Marked/Lighted	
Dhiraagu Antenna 1	Antenna	050934.3N 0730751.3E	21M	Marked/Lighted	
Dhiraagu Antenna 2	Antenna	050921.1N 0730807.3E	45M	Marked/Lighted	
Windsock	Windsock	050919.8N 0730747.8E	8M	Marked/Lighted	

**VRMD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	<i>Associated MET office</i>	Live weather available for ATC
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>	NIL
6	<i>Flight documentation Language(s) used</i>	Charts Plain Language
7	<i>Charts and other information available for briefing or consultation</i>	NIL
8	<i>Supplementary equipment available for providing information</i>	NIL
9	<i>ATS units provided with information</i>	Dharavandhoo TWR Male' TWR
10	<i>Additional information</i>	NIL

**VRMD 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>
1	2	3	4	5	6
12	117.00°	1200 x 30	PCN 15/F/B/X/T Bituminous SWY: NIL	050930.00N 0730732.00E GUND: NIL	THR 2M
30	297.00°	1200 x 30	PCN 15/F/B/X/T Bituminous SWY: NIL	050913N 0730807E GUND: NIL	THR 2M
<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>
1	7	8	9	10	11
12	0%	-	300 x 150	1320 x 150	70 x 60
30	0%	-	300 x 150	1320 x 150	70 x 60

<i>Designations</i>	<i>Location and description of arresting system</i>	<i>OFZ</i>	<i>Remarks</i>
RWY NR			
1	12	13	14
12	NIL	NIL	NIL
30	NIL	NIL	NIL

#### VRMD 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
12	1200	1500	1200	1200	NIL
30	1200	1500	1200	1200	NIL

#### VRMD 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
12	NIL	Green WBAR NI	APAPI Left /3° 50ft	NIL	NIL	1200 58M White L/H 1-5 steps	Red WBAR NIL	NIL	NIL
30	NIL	Green WBAR NI	APAPI Left /3° 50ft	NIL	NIL	1200 58M White L/H 1-5 steps	Red WBAR NIL	NIL	NIL

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

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN – On top of the tower Alternate W &G EV 5 sec /HN
2	<i>LDI location and LGT Anemometer location and LGT</i>	NIL
3	<i>TWY edge lights and center line LGT</i>	Reflectors
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lighting on RWY/ Switchover time: 15 seconds
5	<i>Remarks</i>	NIL

**VRMD AD 2.16 HELICOPTER LANDING AREA**

NIL

**VRMD AD 2.17 ATS AIRSPACE**

1	<i>Designation and lateral limits</i>	DHARAVANDHO CTR A circle of 12NM centred on ARP 050922N 0730749E
2	<i>Vertical limits</i>	SFC TO 6,500FT AMSL
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign Language(s)</i>	DHARAVANDHO TOWER English
5	<i>Transition altitude</i>	11,000FT AMSL
6	<i>Hours of applicability</i>	H24
7	<i>Remarks</i>	NIL

**VRMD 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	Dharavandhoo Tower	118.25 MHZ	NIL	NIL	HO	NIL

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

NIL

**VRMD AD 2.20 LOCAL AERODROME REGULATIONS**

NIL

## VRMD AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

## VRMD AD 2.22 FLIGHT PROCEDURES

### 1 RNP APCH procedures for Dharavandhoo Runway 30 and 12

RNP APCH (LNAV) procedures are established for RWY30 and RWY 12. RNP 0.3 is required to fly the approach procedures.

### 2 VFR operations within the vicinity of Dharavandhoo

VFR aircraft operating within Dharavandhoo CTR shall contact Dharavandhoo Tower frequency 118.25. When Dharavandhoo Tower is closed pilots may continue to monitor and transmit position information on Dharavandhoo Tower frequency.

Refer to VFR (Seaplane) Corridors Chart for approach/departure path and Mid-field Corridor crossings.

## VRMD AD 2.23 ADDITIONAL INFORMATION

NIL

## VRMD AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart – ICAO	VRMD AD 2-9
Aerodrome Chart – ICAO – Marking on Maneuvering Area	VRMD AD 2-9.2
Aerodrome Chart – ICAO – Lighting Aids on Maneuvering Area	VRMD AD 2-9.4
Instrument Approach Chart – ICAO RNP RWY 30	VRMD AD 2-11
Instrument Approach Chart – ICAO RNP RWY 12	VRMD AD 2-13
Control Zone and VFR Area Chart	VRMD AD 2-15
VFR (Seaplane) Corridors	VRMD AD 2-17

## VRMD AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable

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## AERODROME CHART - ICAO

05° 09' 22" N  
073° 07' 49" E

ELEV 2M

TWR 118.25

B. DHARAVANDHOO /  
DHARAVANDHOO AIRPORT

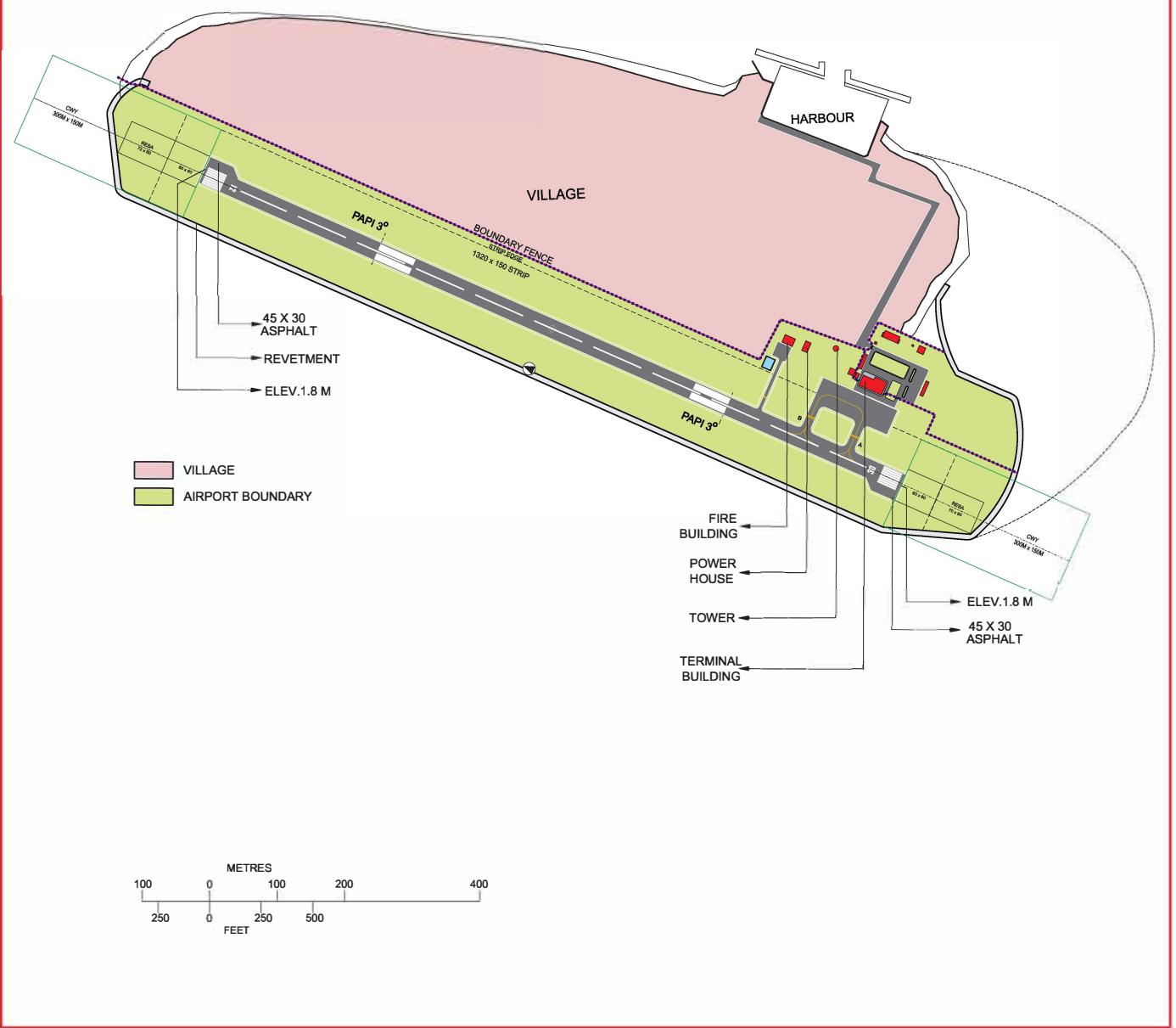
RWY	DIRECTION (TRUE)	THR	BEARING STRENGTH
12	117°	05° 09' 30" N 073° 07' 32" E	RWY 12/30 PCN 15/F/B/X/T TWY A,B PCN 15/F/B/X/T
30	297°	05° 09' 13" N 073° 08' 07" E	APRON PCN 15/F/B/X/T

ELEVATIONS AND DIMENSIONS IN METRES  
BEARINGS ARE MAGNETIC

N

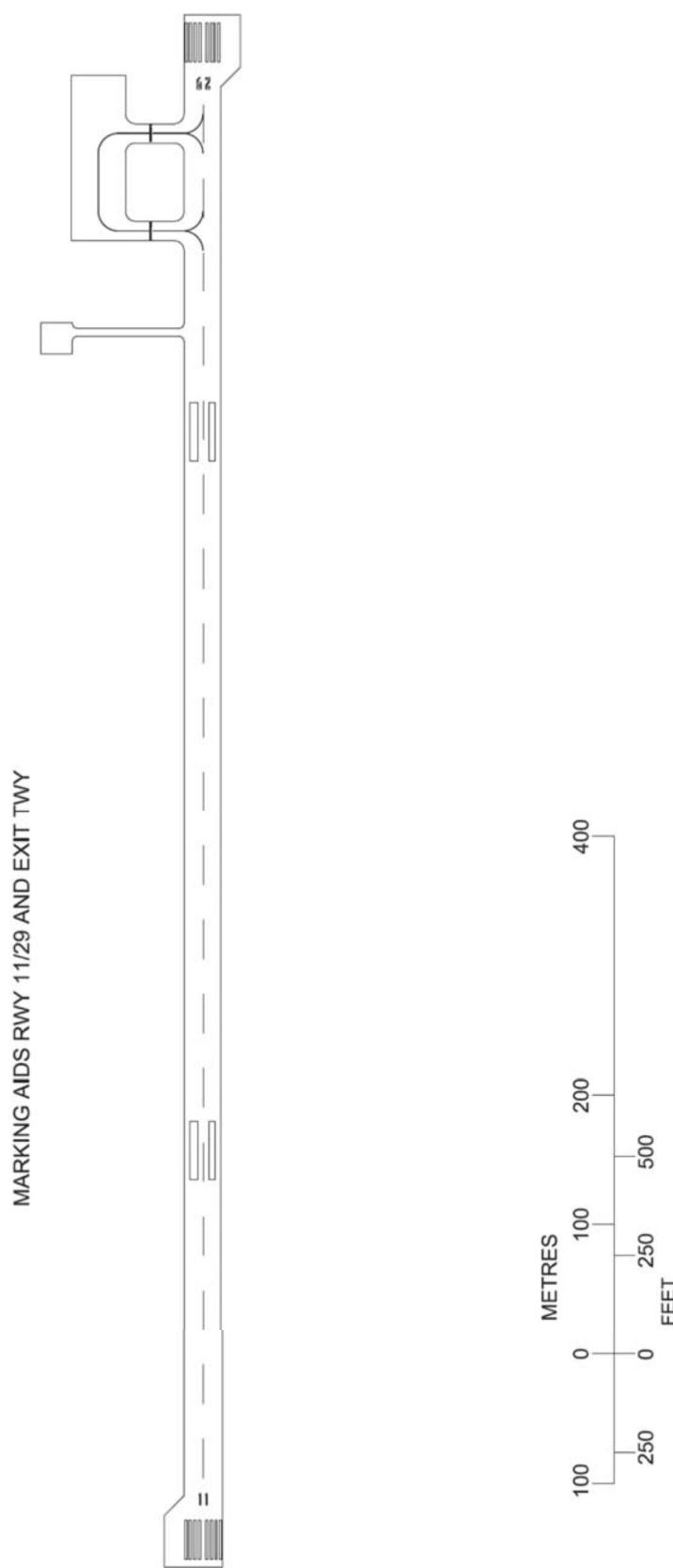
VAR 3° W (2015)

ANNUAL RATE 0° 3' E



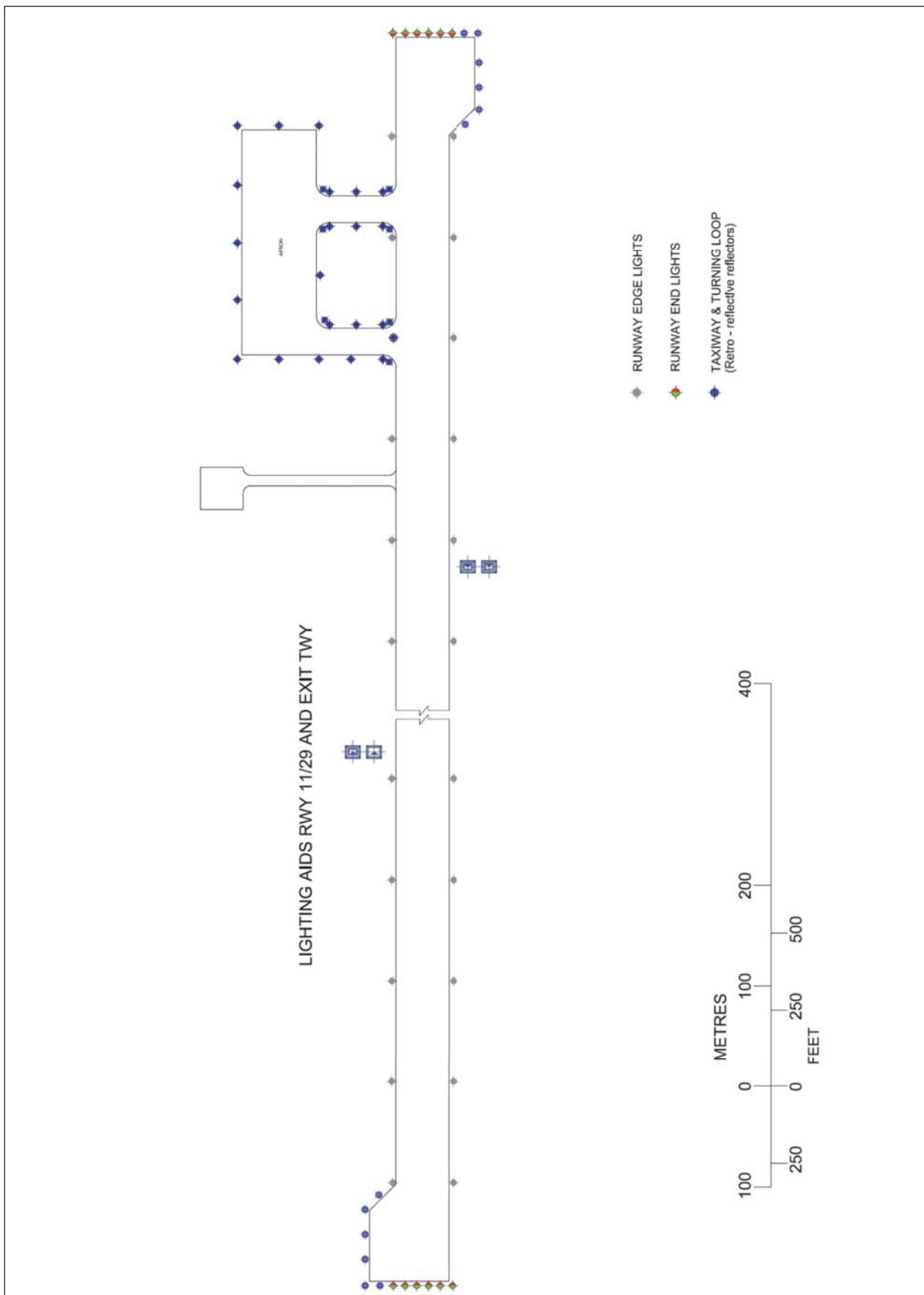
AERODROME CHART

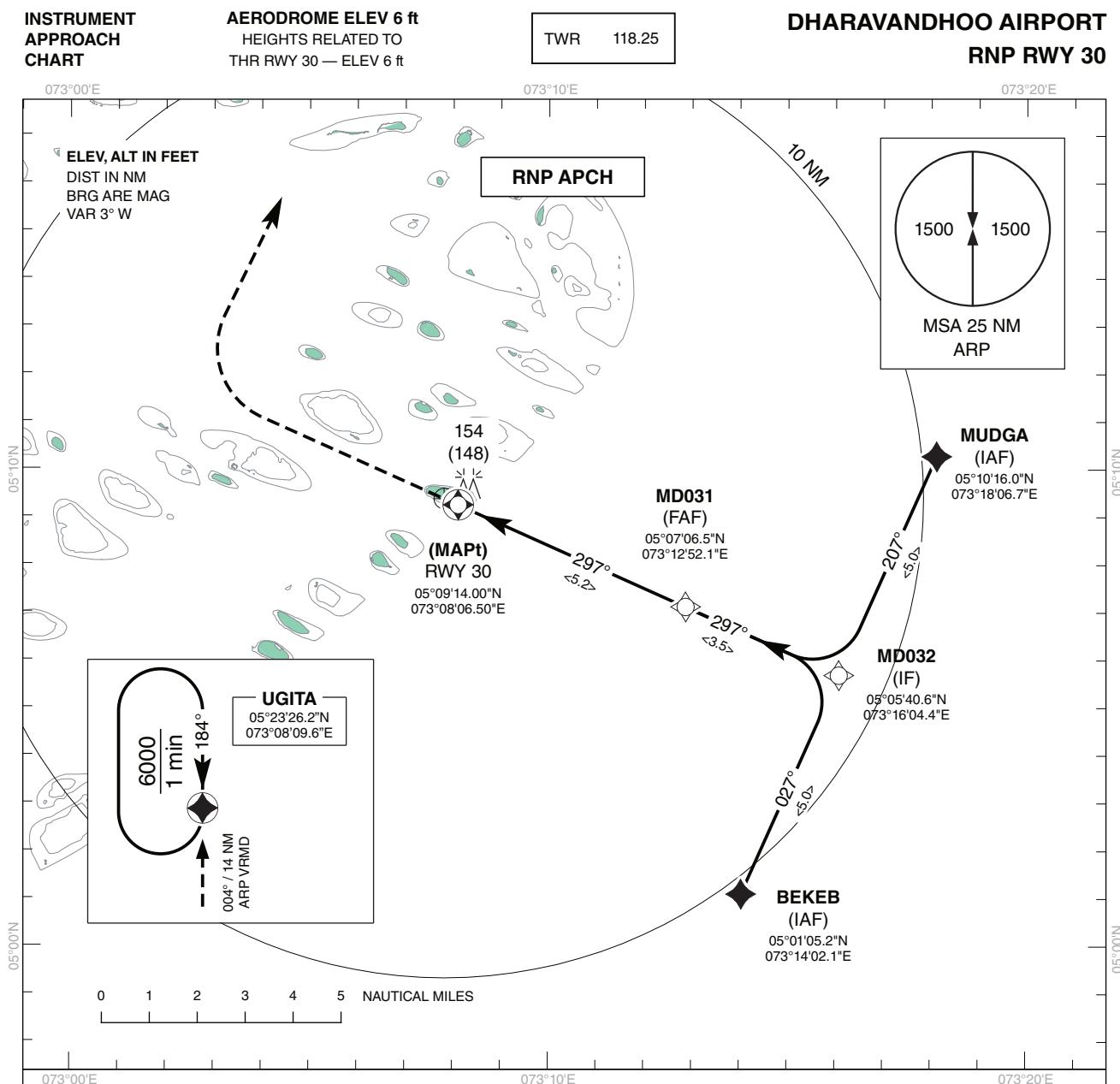
B.DHARAVANDHO /  
DHARAVANDHO AIRPORT



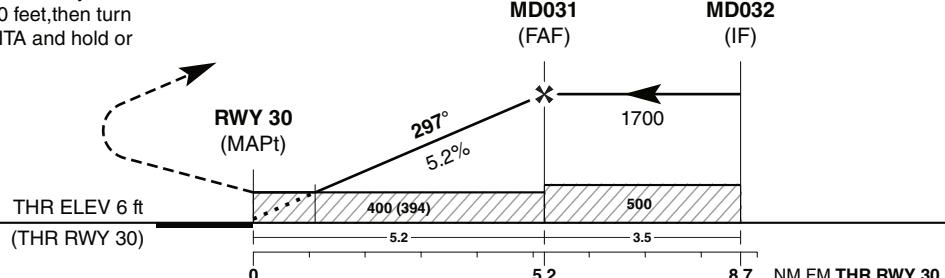
AERODROME CHART

B.DHARAVANDHOO /  
DHARAVANDHOO AIRPORT



**MISSSED APPROACH:**

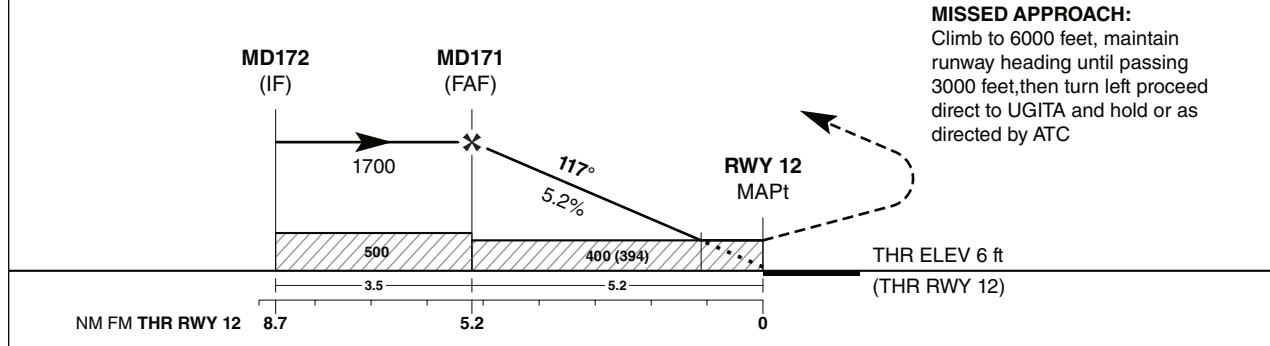
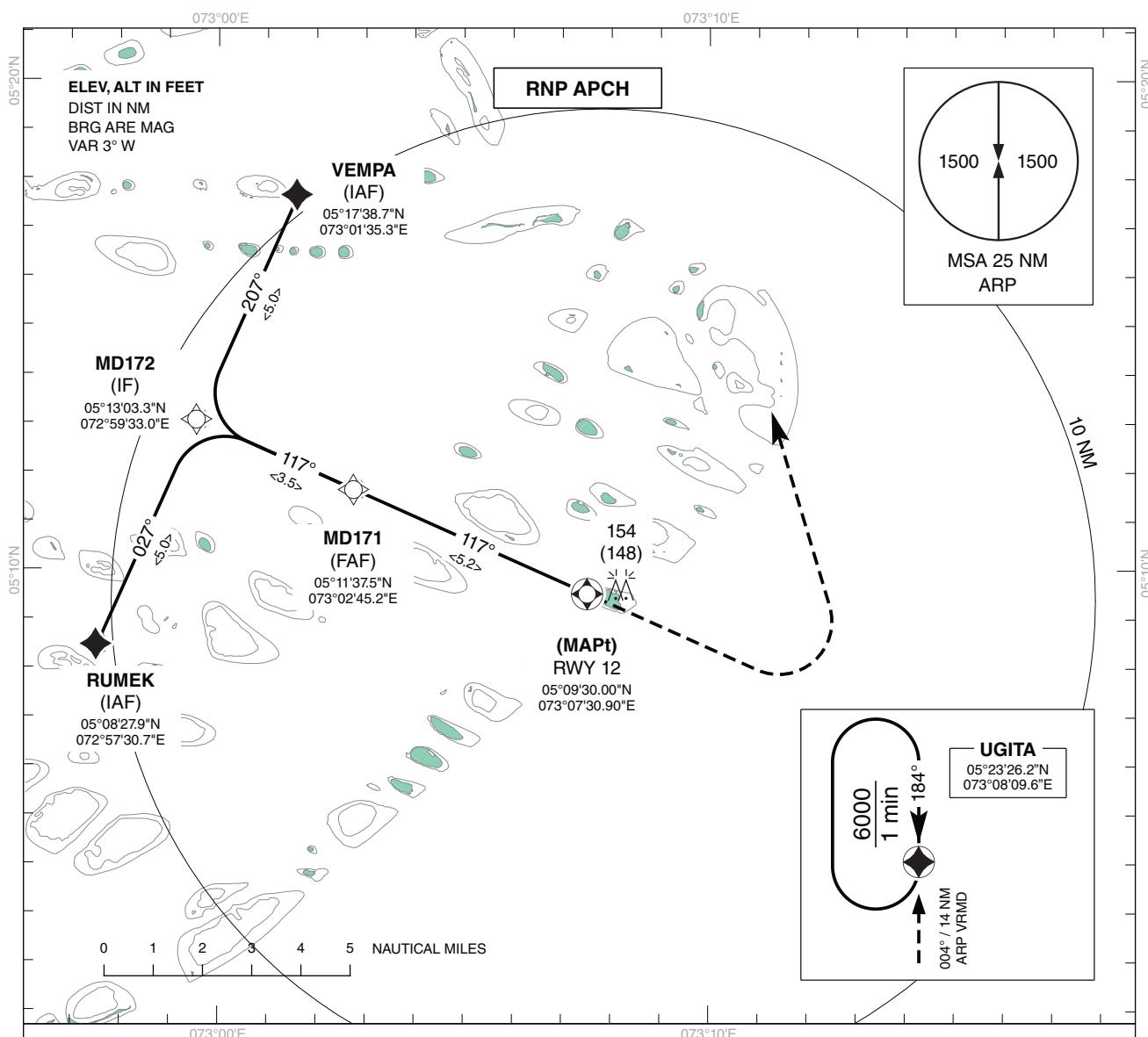
Climb to 6000 feet, maintain runway heading until passing 3000 feet, then turn right proceed direct to UGITA and hold or as directed by ATC



AIRCRAFT CATEGORY	A		B		
LNAV MDA (MH)	400 (394)				
DISTANCE TO THRESHOLD	1	2	3	4	5
ALTITUDE (HEGHT)	370 (364)	690 (684)	1000 (994)	1320 (1314)	1640 (1634)

INSTRUMENT  
APPROACH  
CHART — ICAOAERODROME ELEV 6 ft  
HEIGHTS RELATED TO  
THR RWY 12 — ELEV 6 ft

TWR 118.25

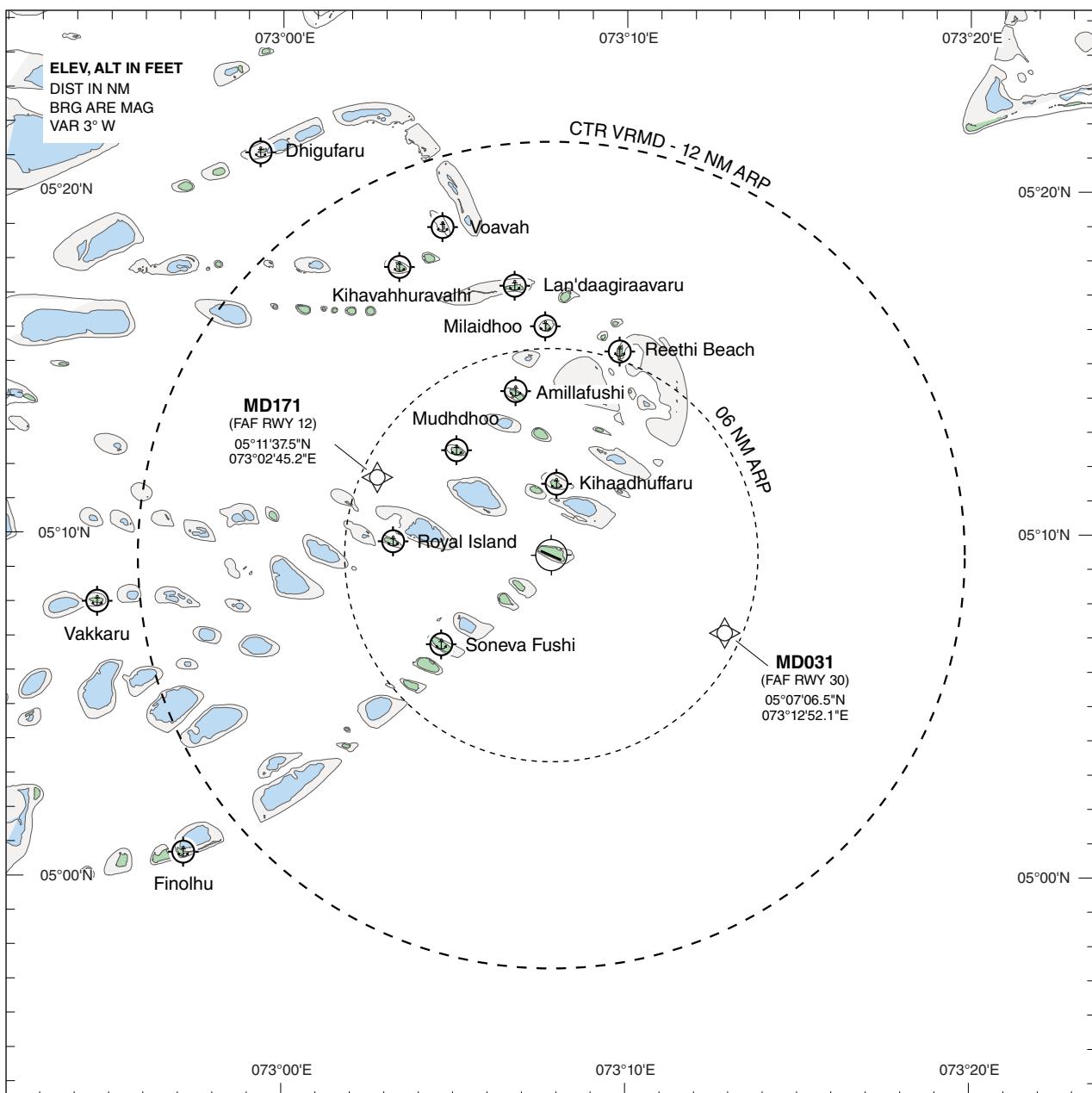
DHARAVANDHO AIRPORT  
RNP RWY 12

AIRCRAFT CATEGORY	A		B		
LNAV MDA (MH)	400 (394)				
DISTANCE TO THRESHOLD	5	4	3	2	1
ALTITUDE (HEGHT)	1640 (1634)	1320 (1314)	1000 (994)	690 (684)	370 (364)

**CONTROL ZONE  
AND VFR AREA CHART**

TWR 118.25

**DHARAVANDHO AIRPORT  
(VRMD)**



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 Dharavandho TWR Frequency.
2. Seaplane pilots shall maintain radio communication on the Tower frequency, and exercise caution for aircraft landing/takeoff at Dharavandho Airport.

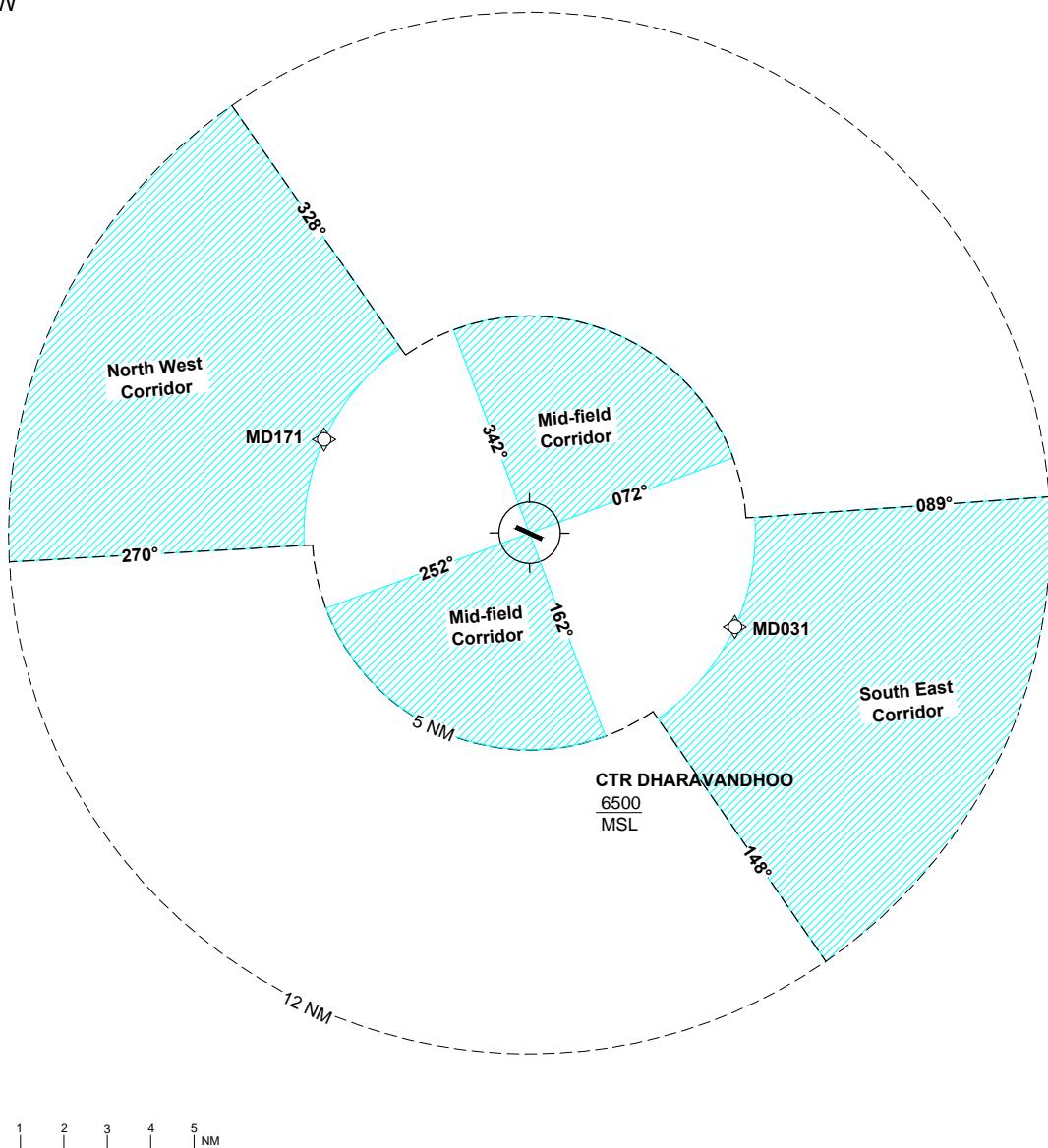
LEGEND	
Floating Jetty Site	
Aerodrome Reference Point (Dharavandho) 05°09'22" N, 073°07'49" E	

VFR (SEAPLANE)  
CORRIDORS

TWR : 118.25

DHARAVANDHOO (VRMD)

ELV, ALT IN FEET  
DIS IN NM  
BRG ARE MAG  
VAR 3° W



1 0 1 2 3 4 5 NM

#### South East / North West corridor:

During IFR takeoff/landing, seaplanes may cross the approach/departure path at 500 feet via South East or North West corridor.

#### Mid-field Corridor:

During IFR takoff/landing, seaplanes may cross the airfield via Mid-field Corridor at 3500 feet or above. In case of missed-approach, ATC shall instruct IFR aircraft to initially climb to 2000 feet

LEGEND	
Waypoint	◇
Aerodrome Reference Point (Dharavandhoo) 05° 09' 22" N 073° 07' 49" E	○