

AD 2 AERODROMES**VRMU AD 2.1 AERODROME LOCATION INDICATOR AND NAME****VRMU – DHAALU AIRPORT****VRMU 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	023958.03N 0725310.69E Runway Midpoint
2	Direction and distance from City	061 Degrees 1.1KM from runway midpoint to city center
3	Elevation / Reference temperature	1.7 M / 5.5 FT 32.3 Degrees Celsius
4	MAG VAR/Annual change	3.25 W (2017) / Nil
5	AD Operator Address Telephone E-mail Address Website:	Dhaalu Airport Holdings Private Limited H. Thuniya 8 th Floor, Boduthakurufaanu Magu Male' Republic of Maldives +960 6760606, +960 798 0323 ahmed.nazim@dhaalu-airport.com www.dhaalu-airport.com
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	Nil

VRMU 2.3 OPERATIONAL HOURS

1	AD Administration	Saturday to Thursday, 0800HRS-1600HRS
2	Customs and Immigration	Nil
3	Health and sanitation	NIL
4	AIS Briefing office	Nil
5	ATS Reporting Office (ARO)	Nil
6	Met Briefing Office	Nil
7	ATS	HO
8	Fuelling	Nil
9	Handling	HO
10	Security	H24
11	De-icing	Not Applicable
12	Remarks	Nil

VRMU 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Yes
2	Fuel/oil types	Nil
3	Fuelling facilities/capacity	Nil
4	De-icing facilities	Not Applicable
5	Hanger space available for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

VRMU 2.5 PASSENGER FACILITIES

1	Hotels	In Kudahuvadho Island
2	Restaurants	In Kudahuvadho Island
3	Transportation	Bus transfer available at Dhaalu Airport for Tourists travelling to/from nearby resorts. And to locals on a chargeable basis.
4	Medical facilities	Dhaalu Atoll Hospital in Kudahuvadho Island. First Aid Facilities available at Dhaalu Airport.
5	Bank/post	BML Kudahuvadho Branch in Kudahuvadho Island

6	Tourist Office	Nil
7	Remarks	Nil

VRMU 2.6 RESCUE AND FIRE-FIGHTING SERVICES

1	AD category for fire fighting	CAT 5
2	Rescue equipment	Adequately provided as recommended by ICAO
3	Capabilities for removal of disabled aircraft	C1174 – Tractor (5T) (Massey Ferguson) / Remove light Aircraft only (Dash-8 series 100/200/300/400, ATR72 series 100/200/500/600, Dash-6 Twin Otter)
4	Remarks	Nil

VRMU 2.7 SEASONAL AVAILABILITY – CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Aerodrome available throughout the year

VRMU 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Asphalt/Concrete, PCN37
2	Taxiway width, surface and strength	15M, Asphalt/Concrete, PCN37
3	Altimeter Checkpoint Location and Elevation	Apron center 024000.62N 0725335.88E, 1.7M / 5.57FT
4	VOR/INS checkpoint	-
5	Remarks	-

VRMU 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Not Applicable
2	RWY/TWY markings and LGT	RWY: Designation, THR, TDZ and centerline markings. Edge lights, THR and End lights. TWY: Center line, Holding position markings on both taxiways. Edge lights on all taxiways
3	Stop bars	Nil
4	Remarks	Nil

VRMU 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at AD		Remarks
1			2		
RWY/Area affected	Obstacle type elevation markings/LGT	Coordinates	Obstacle type elevation markings/LGT	Coordinates	
a	b	c	a	b	c
			Dhiraagu Tower 46M	024026.37N 0725332.30E	
			Ooredoo Tower 56M	024012.29N 0725340.47E	
			TVM Tower 39M	024004.66N 0725343.45E	
			Lightening Arrester 22M	024002.96N 0725330.72E	
			Control Tower 11.6M	024003.24N 0725328.14E	
			Fire Station 09.0M	0240 02.58N 0725328.65E	
			Windsock 06.09M	024003.41N 0725343.60E	

			Apron Mast (East 1) 10.93M	024001.39N 0725337.94E	
			Apron Mast (East 2) 10.93M	024001.63N 0725335.75E	
			Apron Mast (Mid) 10.93M	024001.90N 0725333.92E	
			Apron Mast (West) 10.93M	024001.92N 0725332.16E	
			Security Fence Light Post (closest to North of RWY towards west) 06.09M	024002.60N 0725328.65E	
			Terminal Building (Highest elevated SE corner) 7.40M	024001.83N 0725334.90E	
			Aircraft Hanger (highest point) 11.01M	024000.97N 0725341.25E	
			Met Antenna 10M	024001.99N 0725324.17E	

VRMU 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Nil
2	Hours of Service MET Office outside hours	Nil
3	Office responsible for TAF preparation Periods of validity	Nil
4	Type of landing forecast Interval of issuance	Nil
5	Briefing / consultation provided	Personal consultation with Maldives Meteorological Service Centre in Velana International Airport
6	Flight documentation Language(s) used	English
7	Charts and other INFO AVBL	Yes
8	Supplementary EQPT AVBL for INFO for briefing or consultation	Nil
9	ATS Units Provided with information	Yes, Dhaalu Tower/Dhaalu Information, MATCC
10	Additional Information	Nil

VRMU 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designation RWY NR	True & MAG BRG	Dimension s of RWY (M)	Strength (PCN) And surface of RWY and SWY	THR coordinates	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
10	095 GEO 098 MAG	1800 x 30	PCN 37/F/B/X/T Asphalt / Concrete	024000.69N 0725240.71E	THR 1.7 M / 5.5 FT
28	275 GEO 278 MAG	1860 x 30		023955.54N 0725338.74E	THR 1.7 M / 5.5 FT

Slope of RWY - SWY	SWY dimensions(M)	CWY dimensions(M)	Strip dimensions(M)	OFZ	Remarks
7	8	9	10	11	12
0%	-	300x150	1920x150	Nil	Nil
0%	-	300x150	1920x150	Nil	Nil

VRMU 2.13 DECLARED DISTANCES

RWY	TORA(M)	TODA(M)	ASDA(M)	LDA(M)	Remarks
1	2	3	4	5	6
10	1800	2100	1800	1800	Nil
28	1860	2160	1860	1800	Nil

Note: TORA RWY10 is declared after reducing 60M at the takeoff end due to the unavailability of runway strip.

VRMU 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APP LGT type LEN INTST	THR LGT color WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY center line LGT Length spacing color INTST	RWY edge LGT LEN spacing color INTST	RWY End LGT Color WBAR	SWY LGT LEN (M) color	Remark
1	2	3	4	5	6	7	8	9	10
10	Nil	Green No	APAPI 3deg/50ft	Nil	Nil	1860 60M White	Red No	Nil	Nil
28	Nil	Green Yes	APAPI 3deg/50ft	Nil	Nil	1800 60M White	Red No	Nil	Nil

VRMU 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location characteristics and hours of operation	On top of control tower 024003.1528N 0725328.0941E, White & Green, HN/HO
2	LDI location and LGT Anemometer location and LGT	Nil Anemometer on top of control tower
3	TWY edge and center line lighting	TWY edge lights: 40 Blue Lights/ TWY A & B
4	Secondary power supply /switch-overtime	All RWY lights and APAPI are solar powered
5	Remarks	Nil

VRMU 2.16 HELICOPTER LANDING AREAS

Nil

VRMU 2.17 ATS AIRSPACE

1	Designation and lateral limits	Kudahuvadhoo FIS Area A circle, radius 10NM centered at 023958.03N 0725310.69E (ARP)
2	Vertical limits	SFC to 3500ft MSL
3	Airspace classification	G
4	ATS Unit Language(s)	Dhaalu Information English
5	Transition Altitude	11 000FT
6	Remarks	Nil

VRMU 2.18 ATS COMMUNICATION FACILITIES

Services Designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Dhaalu Aerodrome Information/ Dhaalu Information	118.55 MHz	HO	Ground frequency 121.75 will be used as the BACKUP frequency for 118.55

VRMU 2.19 RADIO NAVIGATION AND LANDING AIDS

Nil

VRMU 2.20 LOCAL TRAFFIC REGULATIONS

Nil

VRMU 2.21 NOISE ABATEMENT PROCEDURES

Nil

VRMU 2.22 FLIGHT PROCEDURES

Arrivals

- Aircraft inbound to land at VRMU should contact AFIS on the designated frequency at least 15 NM prior to landing.
- As soon as the aircraft has established communication with the Tower, the following elements of information will be transmitted to the aircraft:
 - a) Runway-in-use;
 - b) Surface wind direction and speed, including significant variations;
 - c) Visibility;
 - d) Present weather;
 - e) QNH*; and
 - f) Any available information on significant meteorological phenomena in the approach area.
(Note: *If QNH is not available, Tower will not issue altimeter setting information.)
- Descend to land at Dhaalu Airport
- During daylight hours:
 - a) Subject to clearance from Male' ATC, descend to 7000 feet.
 - b) Descent below 7000 feet shall be in VMC on pilot's discretion.

(Note: cancel IFR and change to VFR before leaving 7000 feet.)
 - c) Pilots shall monitor and transmit position information on advisory frequency (**128.9 MHz**) as specified in Maldives AIP ENR 1.2, paragraph 12, Traffic Information Broadcast by (VFR) Aircraft, while operating VFR.
 - d) On VFR, aircraft may descend to 1500 feet, join standard left-hand pattern and proceed to land.
- During night hours:
 - a) Subject to clearance from Male' ATC, descend to 1500 feet.
 - b) Once aerodrome is in sight, standard left-hand pattern should be followed and execute visual approach to land.

Departures

- Pilots shall contact Dhaalu Tower on the designated frequency for ATC route clearance.
(Note: The officer at Tower will coordinate with Male' for ATC route clearance.)
- As soon as the aircraft has established communication with the Tower, the following elements of information will be transmitted to the aircraft:
 - a) Runway-in-use;
 - b) Surface wind direction and speed, including significant variations;
 - c) QNH*;
 - d) Temperature and dew point; and
 - e) Any available information on significant meteorological phenomena in the takeoff area.
(Note: *If QNH is not available, Tower will not issue altimeter setting information.)
- During day light hours, aircraft shall be on VFR from departure until passing 6000 feet. Pilots shall monitor and transmit position information on advisory frequency as specified in Maldives AIP ENR1.2, paragraph 12, Traffic Information Broadcast by (VFR) Aircraft, while on VFR.

VRMU 2.23 ADDITIONAL INFORMATION

Nil

VRMU 2.24 CHARTS RELATED TO DHAALU AIRPORT

Chart Title	Page
Aerodrome Chart	VRMU AD 2 – 7
Instrument Approach Chart RWY 10	VRMU AD 2 – 9
Instrument Approach Chart RWY 28	VRMU AD 2 – 11

AERODROME CHART

TWR 118.55

**KUDAHUVADHOO/
DHAALU AIRPORT**

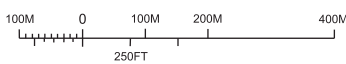
ELEVATION IN METERS
BEARINGS ARE MAGNETIC



- 1. Terminal Building
- 2. ARFF
- 3. Restaurent Facilities
- 4. Junior Accomodation Block
- 5. Power House
- 6. Senior Accomodation Block
- 7. ATC Tower
- 8. Security Check Post
- 9. Diesel Pump Station
- 10. Diesel Tank
- 11. Water Tank
- 12. Airport Vehicle Parking hut
- 13. Green House Area
- 14. Fuel Farm
- ⊙ 46 - DHIRAAGU Antenna
- ⊙ 56 - OOREDOO Antenna
- ⊙ 39 - TVM Antenna
- ⊙ 22 - Lightning Arrester



AERODROME CHART		02 39 58.03N 72 53 10.69E	
RWY	DIRECTION (TRUE)	THR	BEARING STRENGTH
10	95°	02 40 00.69N 72 52 40.71E	RWY 10/28 PCN 37/F/B/X/T TWAA, B PCN 37/F/B/X/T APRON PCN 37/F/B/X/T
28	275°	02 39 55.54N 72 53 38.74E	

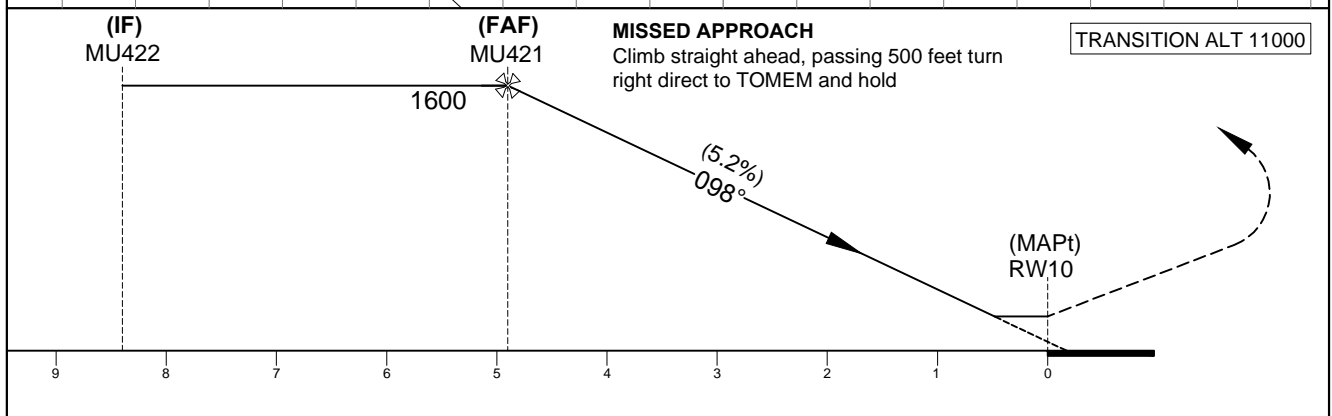
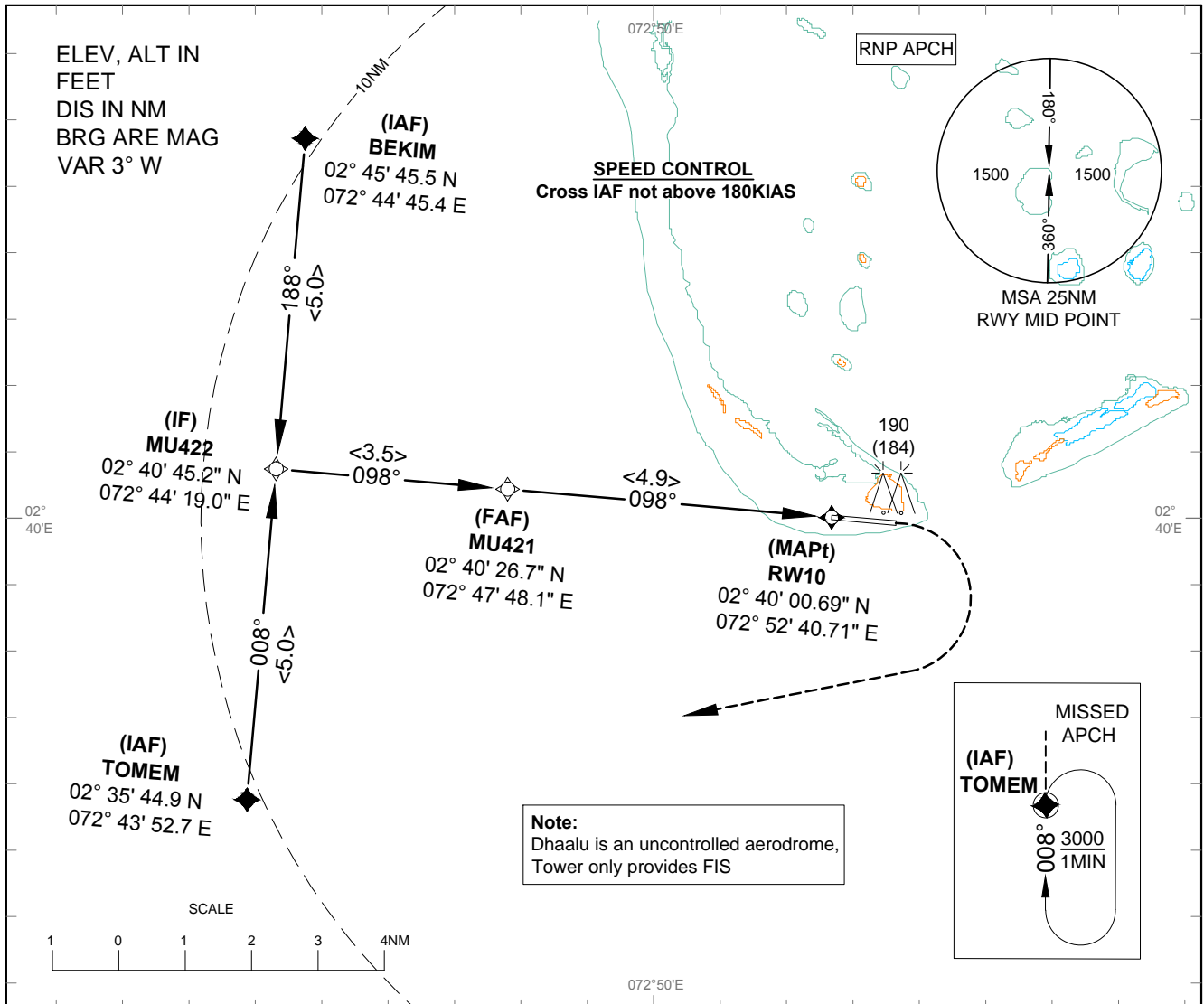


**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 6 FT
HEIGHT RELATED TO
THR RWY 10 - ELEV 6 FT

TWR 118.55

**DHAALU (VRMU)
RNP RWY10**



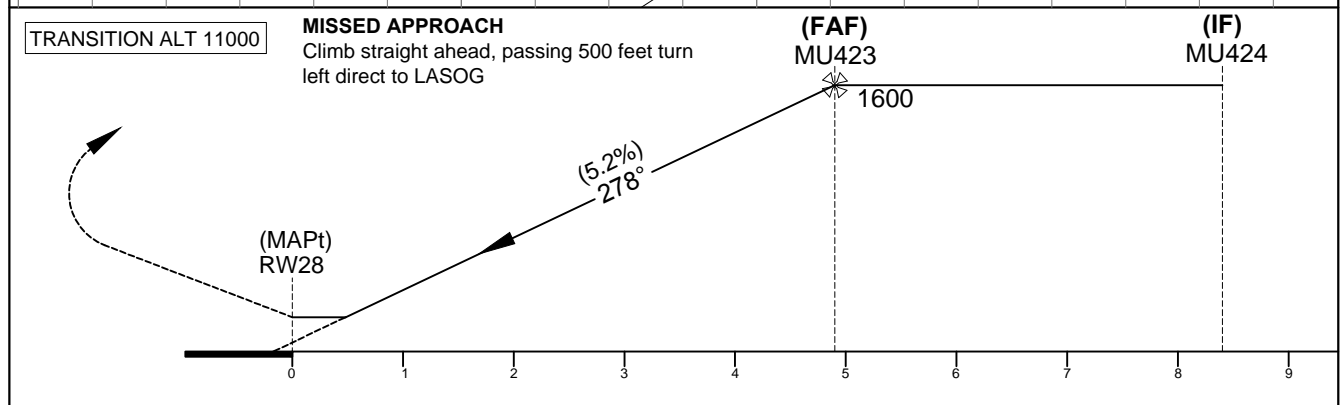
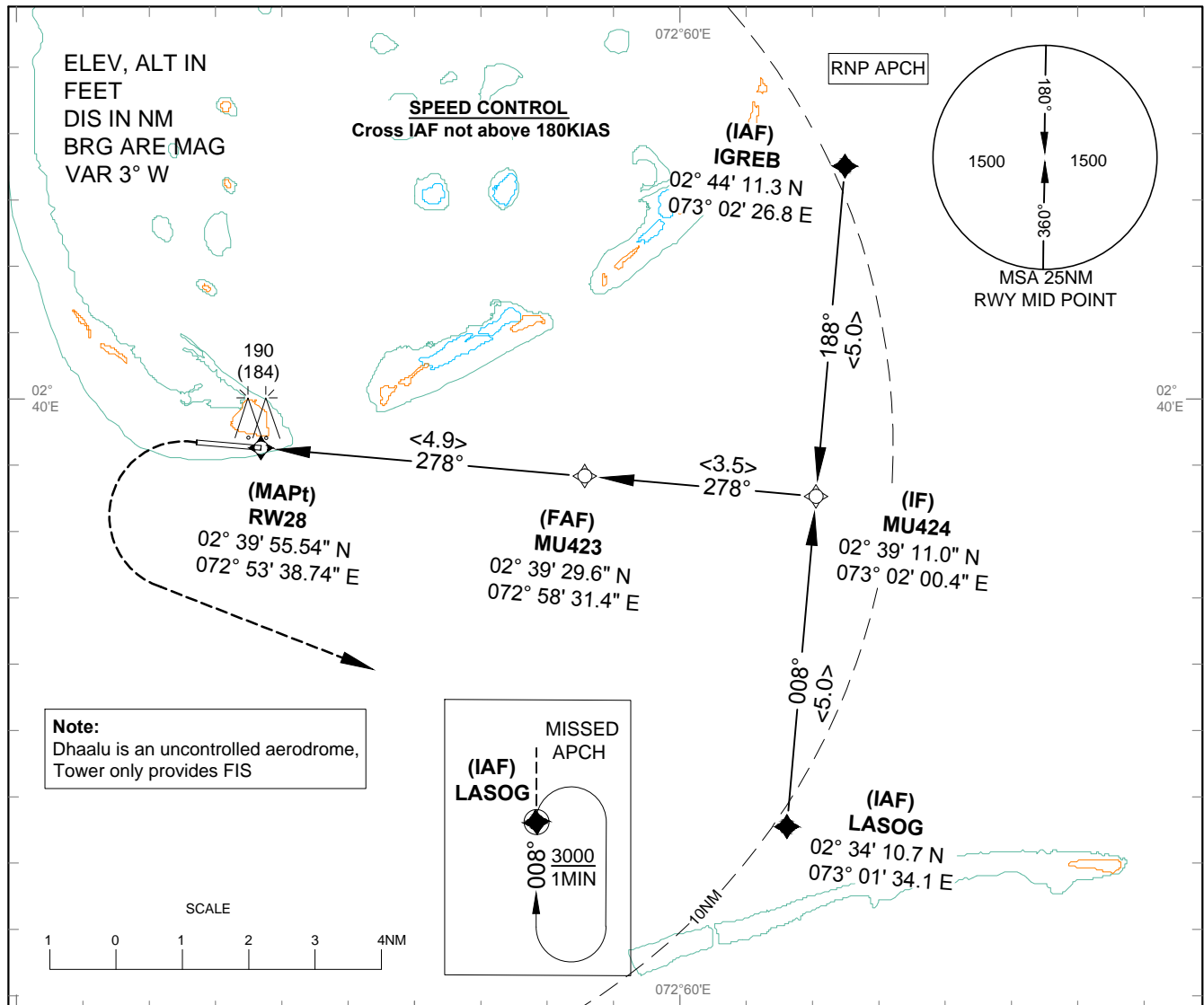
AIRCRAFT CATEGORY	A		B		C
LNAV MDA (MDH)	440 (434)				
DISTANCE TO THRESHOLD	4	3	2	1	
ALTITUDE (HEIGHT)	1320 (1314)	1000 (994)	690 (684)	MDA	

**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 6 FT
HEIGHT RELATED TO
THR RWY 28 - ELEV 6 FT

TWR 118.55

**DHAALU (VRMU)
RNP RWY28**



AIRCRAFT CATEGORY	A		B		C
LNAV MDA (MDH)	440 (434)				
DISTANCE TO THRESHOLD	1	2	3	4	
ALTITUDE (HEIGHT)	MDA	690 (684)	1000 (994)	1320 (1314)	