

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

VRDA – MAAFARU INTERNATIONAL AIRPORT

VRDA AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	054901N 0732802E Centre of runway
2	<i>Direction and distance from (city)</i>	224° and 0.5 KM from City
3	<i>Elevation, Reference temperature and mean low temperature</i>	2M / 31.9°C
4	<i>Geoid undulation at AD ELEV PSN</i>	-98 M
5	<i>MAG VAR/Annual change</i>	2° W (2024) / changing by 0° 2 'E per year
6	<i>Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and website address</i>	Island Aviation Services Limited Corporate Head Office Ground Floor, Dar Al-Eiman Building Majeedhee Magu Male', 20345 Republic of Maldives Tel: (960) 333 5566 Telefax: (960) 331 4806 Email: info@iasl.aero Website: www.maldivian.aero
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

VRDA AD 2.3 OPERATIONAL HOURS

1	<i>Aerodrome operator</i>	H24
2	<i>Customs and immigration</i>	HO
3	<i>Health and sanitation</i>	NIL
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>	H24
8	<i>Fuelling</i>	H24
9	<i>Handling</i>	H24
10	<i>Security</i>	H24
11	<i>De-icing</i>	Not Applicable
12	<i>Remarks</i>	NIL

VRDA AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	NIL
2	<i>Fuel/oil types</i>	Jet A1
3	<i>Fuelling facilities/capacity</i>	8 tanks / 400,000 liters
4	<i>De-icing facilities</i>	Not Applicable
5	<i>Hangar space for visiting aircraft</i>	Yes
6	<i>Repair facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	NIL

VRDA AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	In Maafaru Island
2	<i>Restaurants</i>	In Maafaru Island
3	<i>Transportation</i>	N/A
4	<i>Medical facilities</i>	Maafaru health center 400M away from the airport and limited first aid facility available at Maafaru International Airport
5	<i>Bank and Post Office</i>	NIL
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

VRDA AD 2.6 RESCUE AND FIRE-FIGHTING SERVICES

1	<i>AD category for fire-fighting</i>	CAT 7
2	<i>Rescue equipment</i>	Adequately provided as recommended by ICAO
3	<i>Capability for removal of disabled aircraft</i>	Equipped to remove light to medium aircraft
4	<i>Remarks</i>	NIL

VRDA 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

VRDA AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	<i>Apron designation, surface and strength</i>	Main Apron Surface: Concrete Strength: PCN 48/R/B/W/T
2	<i>Taxiway designation, width, surface and strength</i>	TWY A and TWY B Width: 23M, Surface: Asphalt - Concrete Strength: PCN 93/F/A/X/T
3	<i>Altimeter checkpoint location and elevation</i>	Location: Center of Apron Elevation: 2M
4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	NIL

VRDA 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: Designations, THR, TDZ, Aiming point and centerline markings, RWY Side Strip Markings, displaced threshold. Approach Lights Elevated, Approach light Inset, turning pad Edge lights, RWY END lights, RWY edge lights elevated, Cross bar lights, RWY edge light Inset, Wing bar Lights, Threshold Lights. TWY: Centerline, holding positions marking and TWY edge lights.
3	<i>Stop bars and runway guard lights</i>	NIL
4	<i>Other runway protection measures</i>	NIL
5	<i>Remarks</i>	NIL

VRDA 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>
a	b	c	d	e	f
Windsock 1	Windsock	054923.5N 0732830.6E	4M	Marked / Lighted	
Windsock 2	Windsock	054839.7N 0732737.1E	4M	Marked / Lighted	
Apron Mast 1	Mast	054930.4N 0732834.1E	14M	Marked / Lighted	
Apron Mast 2	Mast	054931.0N 0732835.0E	14M	Marked / Lighted	

Apron Mast 3	Mast	054931.8N 0732836.2E	14M	Marked / Lighted	
Apron Mast 4	Mast	054932.5N 0732837.2E	14M	Marked / Lighted	
Lightening Arrester	Lightening Arrester	054927.2N 0732830.0E	15M	Red	
Control Tower	Tower	054926.8N 0732829.7E	13M	Red	
Hangar	Building	054929.9N 0732833.4E	16M	White	
Ooredoo Tower (Island)	Tower	054941.8N 0732847.5E	30M	Marked / Lighted	
Dhiraagu Tower (Island)	Tower	054953.8N 0732850.2E	45M	Marked / Lighted	

VRDA 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 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>	Consultations with Maldives Meteorological Services Centre 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>	NIL
9	<i>ATS units provided with information</i>	Yes. Wind & QNH
10	<i>Additional information (limitation of service, etc.)</i>	NIL

VRDA 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
06	055.85°	2850 x 45	RWY: PCN 93/F/A/X/T Asphalt SWY: NIL	054836.83N 0732727.08E GUND -97M	THR 2M
24	235.85°	2850 x45	RWY: PCN 93/F/A/X/T Asphalt SWY: NIL	054926.95N 0732840.42E GUND -98M	THR 2M
<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
06	0%	NIL	300 x 150	2970 x 280	240 x 90
24	0%	NIL	300 x 150	2970 x 280	240 x 90
<i>Designations RWY NR</i>	<i>Location and description of arresting system</i>	<i>OFZ</i>	<i>Remarks</i>		
1	12	13	14		
06	NIL	NIL	NIL		
24	NIL	NIL	NIL		

VRDA 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
06	2850	3150	2850	2730	THR Displaced by 120M
24	2850	3150	2850	2850	NIL

VRDA 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 (M) colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
06	SALS INTS T 1-5 Steps 2.20- 6.6 White	Green	PAPI Left/3° 20.344 M	NIL	NIL	2130 M White 120 M Red/ Yellow 600 M White/ Yellow INTST 1-5 Steps 2.20-6.6	Red (Inset)	NIL	NIL
24	SALS (ICA O)INT ST 1-5 Steps 2.20- 6.6 White	Green	PAPI Left/3° 20.344 M	NIL	NIL	600 M White/ Yellow 2250 M White 600 M White/ Yellow INTST 1-5 Steps 2.20-6.6	Green (Inset)	NIL	NIL

VRDA 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 minute
2	<i>LDI location and LGT Anemometer location and LGT</i>	NIL
3	<i>TWY edge and center line LGT</i>	TWY edge lights / TWY A & B
4	<i>Secondary power supply/switch-over time</i>	Backup generator of 155KW / 10-15 seconds
5	<i>Remarks</i>	NIL

VRDA AD 2.16 HELICOPTER LANDING AREA

NIL

VRDA AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	Maafaru CTR A circle, radius of 12NM centered at 054901N 0732802E (ARP)
2	<i>Vertical limits</i>	SFC to 6000FT AMSL
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign Language(s)</i>	Maafaru Tower English
5	<i>Transition altitude</i>	11,000FT
6	<i>Hours of applicability</i>	HO
7	<i>Remarks</i>	VFR Traffic departing from islands within Maafaru CTR can climb up to 500 feet outside 7NM from Maafaru Airport.

VRDA 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	Maafaru Tower	118.6 MHz	NIL	NIL	HO	NIL

VRDA AD 2.19 RADIO NAVIGATION AND LANDING AIDS

NIL

VRDA AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VRDA AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VRDA AD 2.22 FLIGHT PROCEDURES**1. VFR operations within the vicinity of Maafaru**

VFR aircraft operating within Maafaru CTR shall contact Maafaru Tower frequency 118.6. When Maafaru Tower is closed, pilots may continue to monitor and transmit position information on Maafaru Tower frequency. VFR aircraft departing from resorts within Maafaru CTR outside 7NM from Maafaru can climb up to 500 feet without ATC clearance after transmitting their intention to depart on Maafaru Tower frequency 118.6.

VRDA AD 2.23 ADDITIONAL INFORMATION

NIL

VRDA AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart - ICAO	VRDA AD 2-9
Aerodrome Marking and Lighting aids - ICAO	VRDA AD 2-9.2
Instrument Approach Chart – ICAO, RNP RWY 06	VRDA AD 2-11
Instrument Approach Chart – ICAO, RNP RWY 24	VRDA AD 2-13
Control Zone and VFR Area Chart	VRDA AD 2-15

VRDA AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.

AERODROME CHART — ICAO

054901N
0732802E

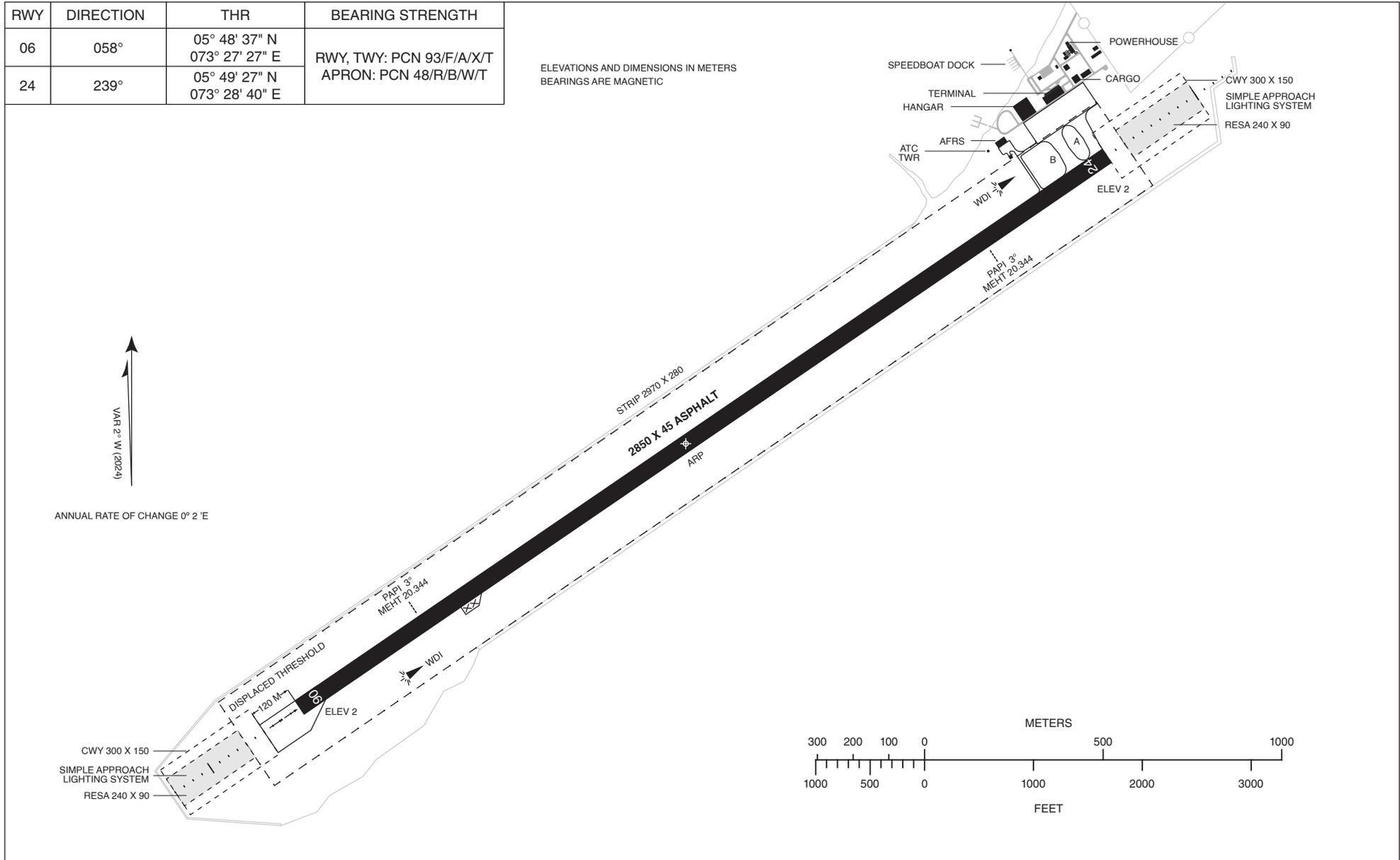
ELEV 2M

TWR 118.6

MAAFARU / MAAFARU INTERNATIONAL AIRPORT

RWY	DIRECTION	THR	BEARING STRENGTH
06	058°	05° 48' 37" N 073° 27' 27" E	RWY, TWY: PCN 93/F/A/X/T APRON: PCN 48/R/B/W/T
24	239°	05° 49' 27" N 073° 28' 40" E	

ELEVATIONS AND DIMENSIONS IN METERS
BEARINGS ARE MAGNETIC



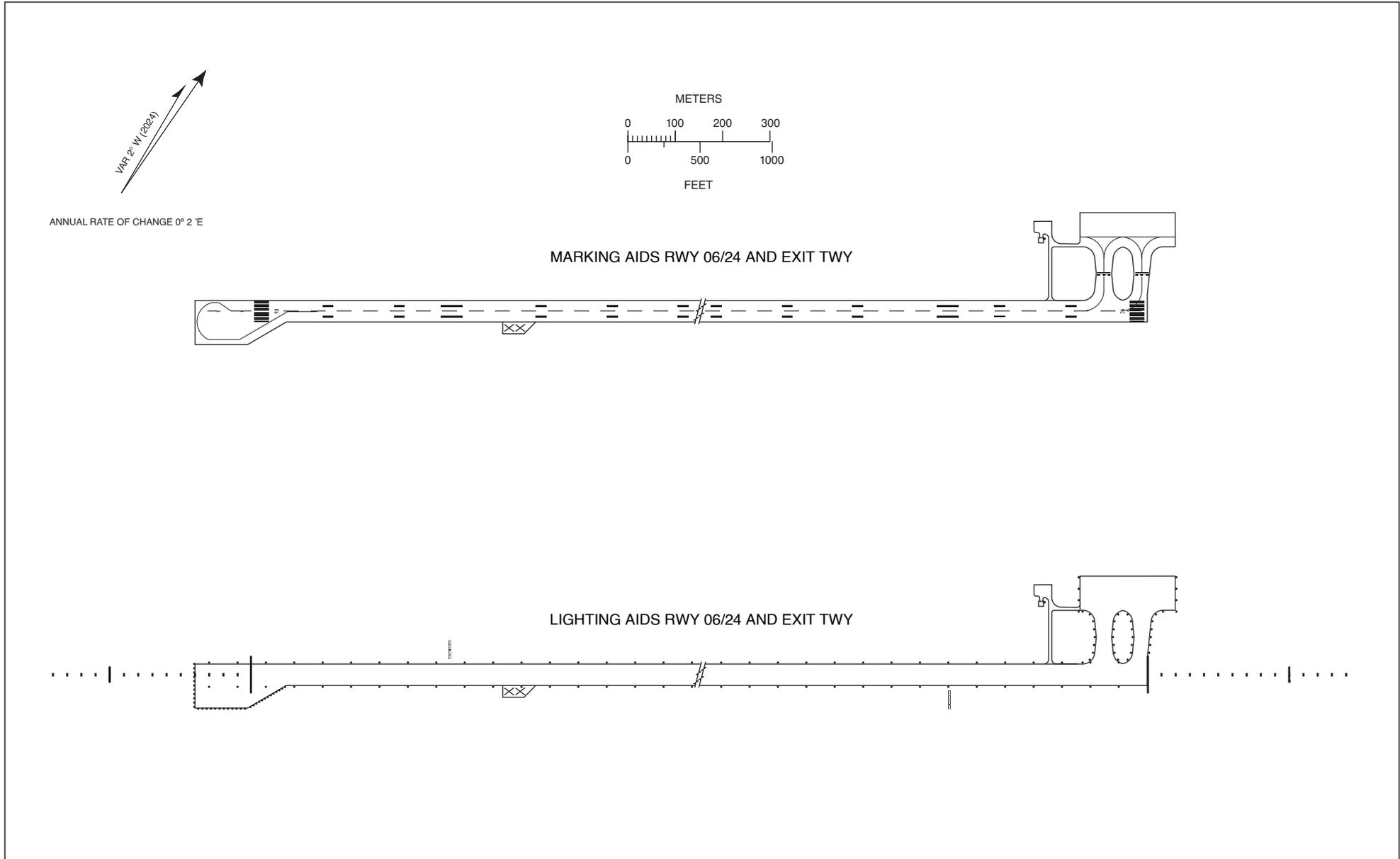
AERODROME CHART — ICAO

054901N
0732802E

ELEV 2M

TWR 118.6

MAAFARU / MAAFARU INTERNATIONAL AIRPORT

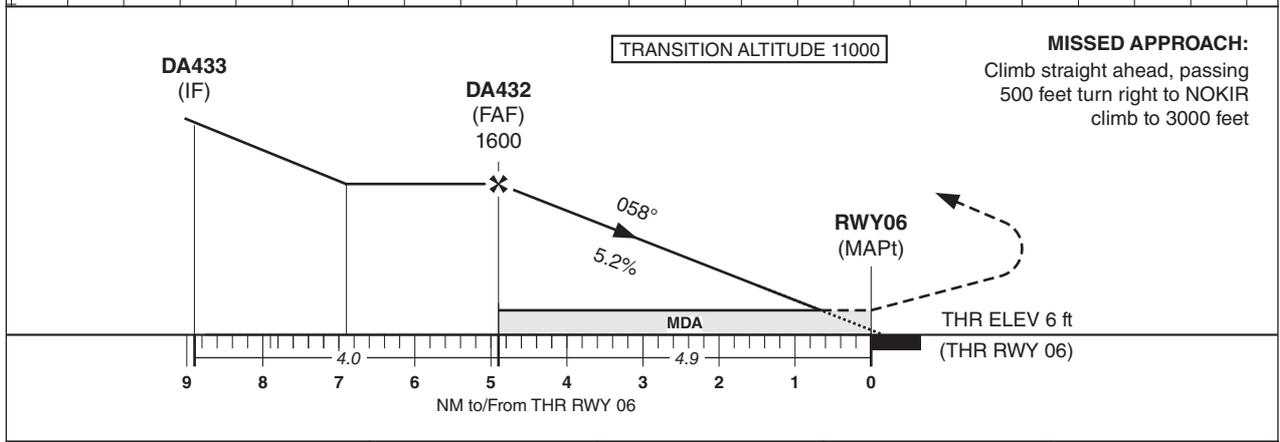
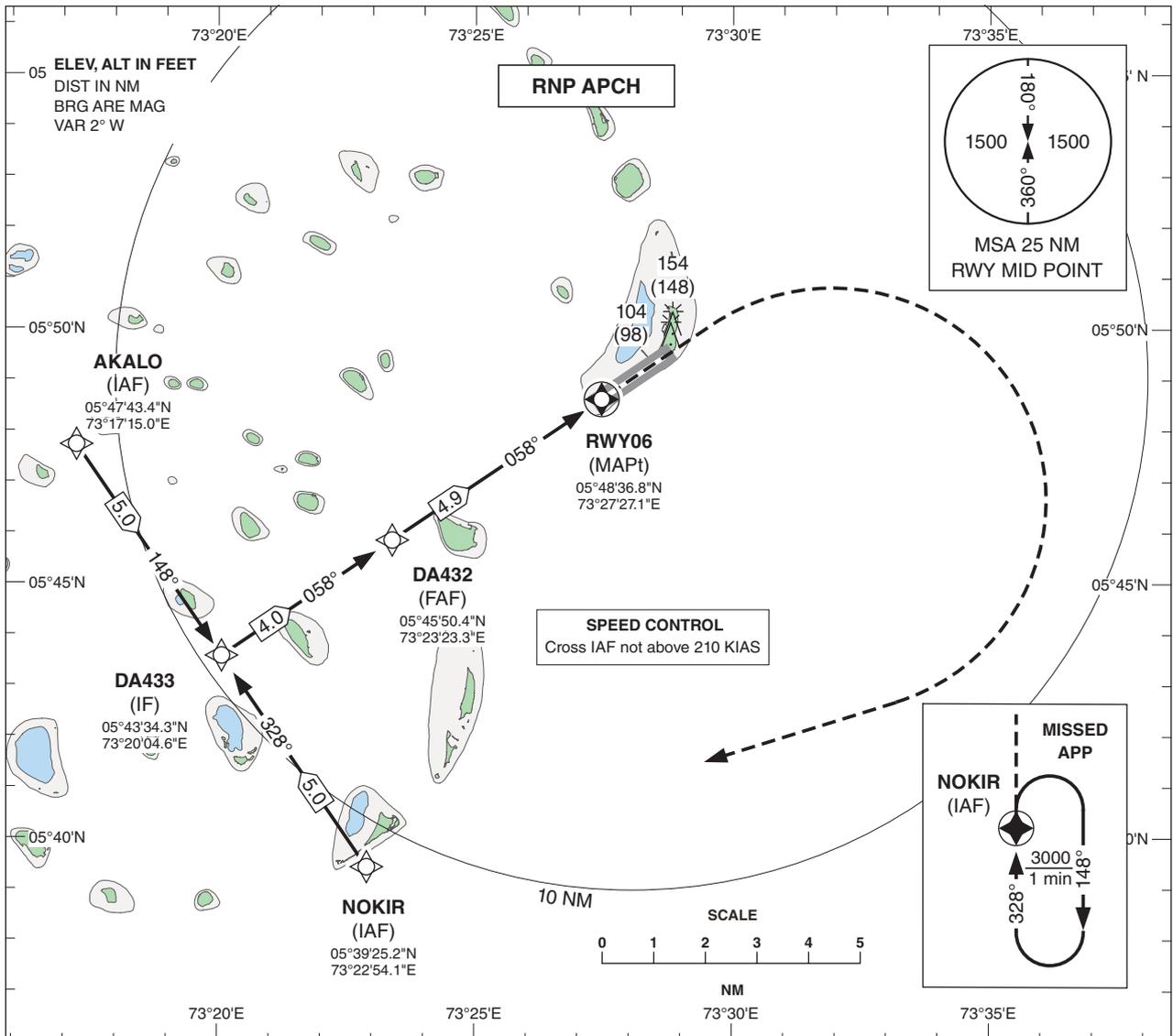


**INSTRUMENT
APPROACH
CHART — ICAO**

AERODROME ELEV 6 ft
HEIGHTS RELATED TO
THR RWY 06 — ELEV 6 ft

TWR 118.6

**MAAFARU / INTL (VRDA)
RNP RWY 06**



AIRCRAFT CATEGORY	A	B	C	D
LNAV MDA (MDH)	260 (254)			
DISTANCE TO THRESHOLD	4	3	2	1
ALTITUDE (HEIGHT)	1320 (1314)	1000 (994)	690 (684)	370 (364)

**INSTRUMENT
APPROACH
CHART — ICAO**

AERODROME ELEV 6 ft
HEIGHTS RELATED TO
THR RWY 06 — ELEV 6 ft

**MAAFARU / INTL (VRDA)
RNP RWY 06**

TABULAR DESCRIPTION

RNP RWY 06									
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course (°M)	Distance (NM)	Turn	Altitude	Speed (KT)	Nav Spec
1	IF	NOKIR	-	328	-	-	3000+	-210	RNP APCH
2	TF	DA433	-	58	5	R	-	-210	RNP APCH
3	TF	DA432	-	58	4	-	@1600	-	RNP APCH
4	TF	RWY06	Y	58	4.9	-	-	-	RNP APCH
5	FA	RWY06	-	58	-	R	@500	-	RNP APCH
6	DF	NOKIR	Y	-	-	-	3000+	-	RNP APCH
7	HM	NOKIR	-	328	-	-	3000+	-	RNP APCH
1	IF	AKALO	-	148	-	-	3000+	-210	RNP APCH
2	TF	DA433	-	58	5	L	-	-210	RNP APCH
3	TF	DA432	-	58	4	-	@1600	-	RNP APCH
4	TF	RWY06	Y	58	4.9	-	-	-	RNP APCH
5	FA	RWY06	-	58	-	R	@500	-	RNP APCH
6	DF	NOKIR	Y	-	-	-	3000+	-	RNP APCH
7	HM	NOKIR	-	328	-	-	3000+	-	RNP APCH

WAYPOINT LIST

RNP RWY 06	
Waypoint Identifier	Coordinates
NOKIR	05°39'25.2"N 73°22'54.1"E
AKALO	05°47'43.4"N 73°17'15.0"E
DA433	05°43'34.3"N 73°20'04.6"E
DA432	05°45'50.4"N 73°23'23.3"E
RWY06	05°48'36.8"N 73°27'27.1"E

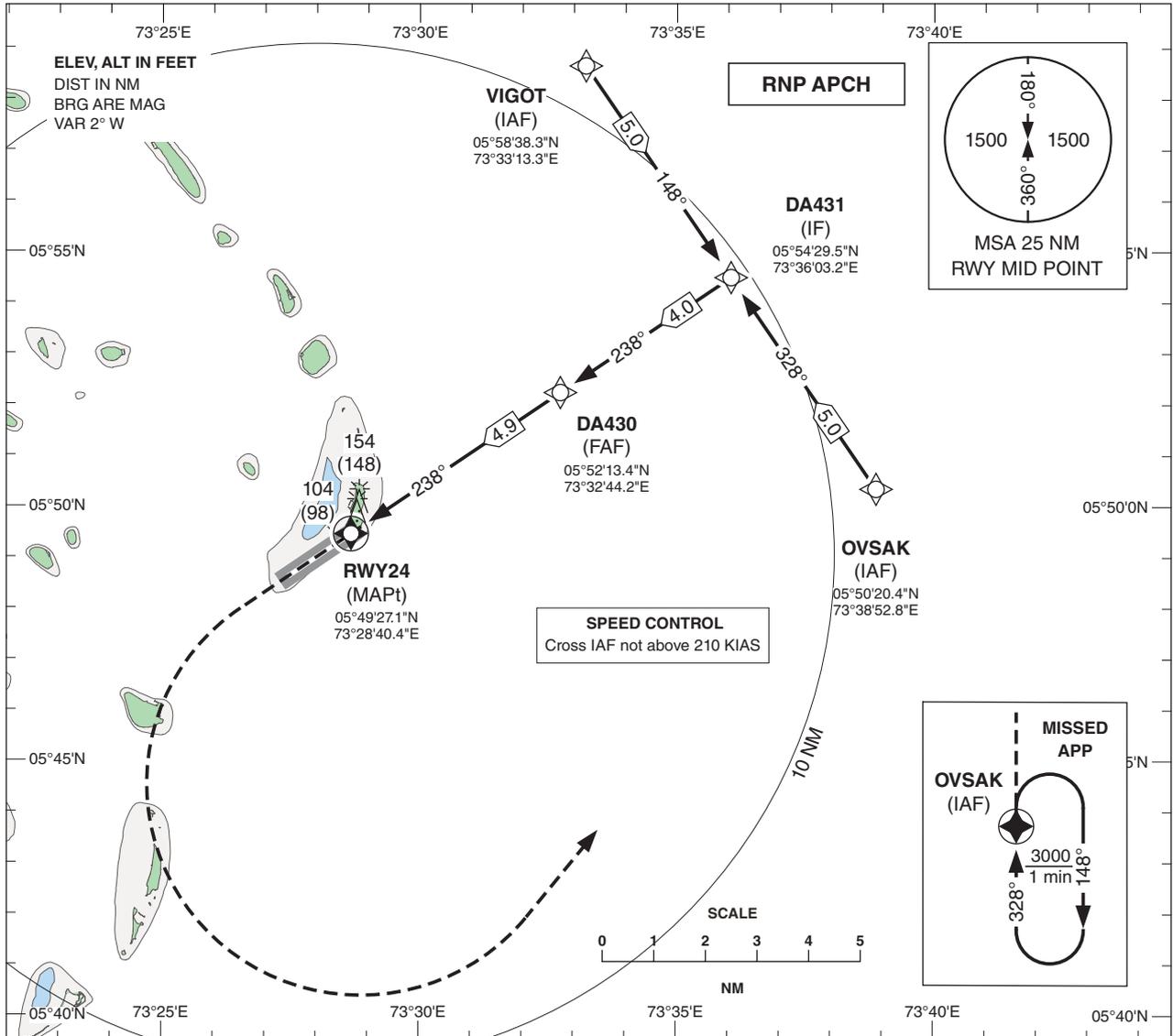
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**INSTRUMENT
APPROACH
CHART — ICAO**

AERODROME ELEV 6 ft
HEIGHTS RELATED TO
THR RWY 24 — ELEV 6 ft

TWR 118.6

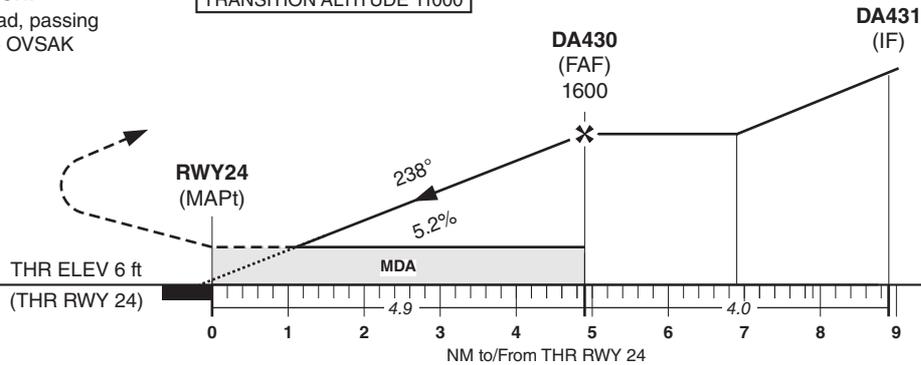
**MAAFARU / INTL (VRDA)
RNP RWY 24**



MISSED APPROACH:

Climb straight ahead, passing
500 feet turn left to OVSAK
climb to 3000 feet

TRANSITION ALTITUDE 11000



AIRCRAFT CATEGORY	A	B	C	D
LNAV MDA (MDH)	400 (394)			
DISTANCE TO THRESHOLD	4	3	2	1
ALTITUDE (HEIGHT)	1320 (1314)	1000 (994)	690 (684)	370 (364)

**INSTRUMENT
APPROACH
CHART — ICAO**

AERODROME ELEV 6 ft
HEIGHTS RELATED TO
THR RWY 24 — ELEV 6 ft

**MAAFARU / INTL (VRDA)
RNP RWY 24**

TABULAR DESCRIPTION

RNP RWY 24									
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course (°M)	Distance (NM)	Turn	Altitude	Speed (KT)	Nav Spec
1	IF	OVSAK	-	328	-	-	3000+	-210	RNP APCH
2	TF	DA431	-	238	5	L	-	-210	RNP APCH
3	TF	DA430	-	238	4	-	@1600	-	RNP APCH
4	TF	RWY24	Y	238	4.9	-	-	-	RNP APCH
5	FA	RWY24	-	238	-	L	@500	-	RNP APCH
6	DF	OVSAK	Y	-	-	-	3000+	-	RNP APCH
7	HM	OVSAK	-	328	-	-	3000+	-	RNP APCH
1	IF	VIGOT	-	148	-	-	3000+	-210	RNP APCH
2	TF	DA431	-	238	5	R	-	-210	RNP APCH
3	TF	DA430	-	238	4	-	@1600	-	RNP APCH
4	TF	RWY24	Y	238	4.9	-	-	-	RNP APCH
5	FA	RWY24	-	238	-	L	@500	-	RNP APCH
6	DF	OVSAK	Y	-	-	-	3000+	-	RNP APCH
7	HM	OVSAK	-	328	-	-	3000+	-	RNP APCH

WAYPOINT LIST

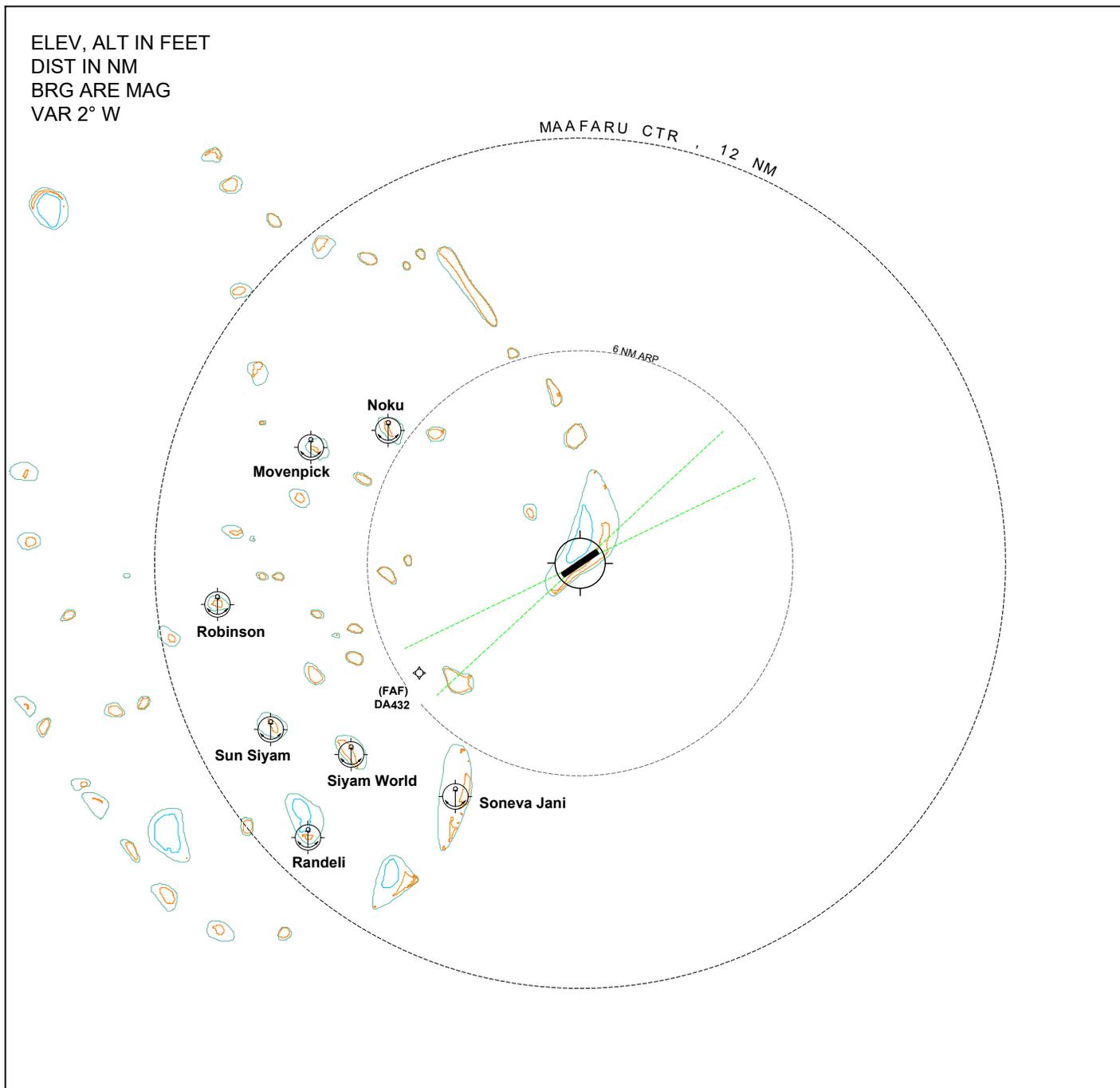
RNP RWY 24	
Waypoint Identifier	Coordinates
OVSAK	05°50'20.4"N 73°38'52.8"E
VIGOT	05°58'38.3"N 73°33'13.3"E
DA431	05°54'29.5"N 73°36'03.2"E
DA430	05°52'13.4"N 73°32'44.2"E
RWY24	05°49'27.1"N 73°28'40.4"E

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CONTROL ZONE AND
VFR AREA CHART

TWR : 118.6

MAAFARU (VRDA)



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 before obtaining ATC clearance.
2. Seaplane pilots shall maintain radio communication on the Tower frequency, and exercise caution for aircraft landing/takeoff at Maafaru airport.

LEGEND	
Floating Jetty site	
Waypoint	
Aerodrome Reference Point (MAAFARU) 05° 49' 01" N 073° 28' 02" E	