

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

VRMO – KOODDOO AIRPORT

VRMO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	004400N 0732603E, RWY mid-point
2	<i>Direction and distance from (city)</i>	031°, 0.512km
3	<i>Elevation, Reference temperature and mean low temperature</i>	1.21M (4FT) / 30.2°C
4	<i>Geoid undulation at AD ELEV PSN</i>	
5	<i>Magnetic (MAG) variation (VAR)/Annual change</i>	4 deg W (2020) / 2°E
6	<i>Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and website address</i>	Pristine Islands Investments Maldives (PIIMPL) G.Alhifashuviaage 3rd Floor, Dharumavantha Magu, Male' Republic of Maldives +960 333 3887 - manager@kooddooairport.com -
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

VRMO AD 2.3 OPERATIONAL HOURS

1	<i>Aerodrome operator</i>	HO
2	<i>Customs and immigration</i>	NIL
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>	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

VRMO AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	NIL
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

VRMO AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	NIL
2	<i>Restaurants</i>	01
3	<i>Transportation</i>	NIL
4	<i>Medical facilities</i>	NIL
5	<i>Bank and Post Office</i>	NIL
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

VRMO 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 MCAR 139
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	NIL

VRMO 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

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

1	<i>Apron designation, surface and strength</i>	Surface: Asphalt Strength: PCN15/F/B/X/T
2	<i>Taxiway designation, width, surface and strength</i>	Width: 15 M Surface: Asphalt Strength: PCN15/F/B/X/T
3	<i>Altimeter checkpoint location and elevation</i>	Location: Runway mid-point Elevation: 1.21m /4 ft.
4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	NIL

VRMO 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>	
5	<i>Remarks</i>	NIL

VRMO 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	004404N 0732600E	8.2M		
	Apron Flood Light Mast Nr 1	004401N 0732600E	12.5M		
	Apron Flood Light Mast Nr 2	004359N 0732600E	12.5M		
	Control Tower	004405N 0732559E			

VRMO 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>	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>	Kooddoo TWR Male' TWR
10	<i>Additional information</i>	NIL

VRMO 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
18	178° GEO 182° MAG	1800 x 30	PCN 37/F/B/X/T Asphalt	004428.87N 0732601.96E	THR 1.21M / 4 FT
36	358° GEO 002° MAG	1800 x 30	PCN 37/F/B/X/T Asphalt	004333.80N 0732604.10E	THR 1.21M / 4FT
<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
18	0%	-	600 x 150	1832 x 150	90 X 60
36	0%	-	600 x 150	1832 x 150	90 X 60

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

VRMO 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
18	1755	1963	1799	1711	NIL
36	1755	1962	1799	1711	NIL

VRMO 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
18	NIL	Green	APAPI Left /3° 50ft	NIL	NIL	1200 58M White L/H	Red	NIL	NIL
36	NIL	Green	APAPI Left /3° 50ft	NIL	NIL	1200 58M White L/H	Red	NIL	NIL

VRMO 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/.....
2	<i>LDI location and LGT Anemometer location and LGT</i>	NIL
3	<i>TWY edge and center line LGT</i>	Refleactors
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

VRMO AD 2.16 HELICOPTER LANDING AREA

NIL

VRMO AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	KOODDOO CTR A circle radius 10 NM centred at 004400N 0732603E
2	<i>Vertical limits</i>	3500 FT
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign Language(s)</i>	Kooddoo TOWER English
5	<i>Transition altitude</i>	11,000FT AMSL
6	<i>Hours of applicability</i>	HO
7	<i>Remarks</i>	NIL

VRMO 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
TWR	Kooddoo Tower	118.30 MHZ	NIL	NIL	H24	NIL

VRMO AD 2.19 RADIO NAVIGATION AND LANDING AIDS

NIL

VRMO AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VRMO AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VRMO AD 2.22 FLIGHT PROCEDURES

NIL

VRMO AD 2.23 ADDITIONAL INFORMATION

NIL

VRMO AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart RWY 18/36	VRMO AD 2-9
Aerodrome Chart RWY 18/36	VRMO AD 2-9.2
Aerodrome Chart RWY 18/36	VRMO AD 2-9.4
Aerodrome Obstacle Chart – ICAO Type B	VRMO AD 2-11
Instrument Approach Chart – ICAO RNP RWY 18	VRMO AD 2-13
Instrument Approach Chart – ICAO RNP RWY 36	VRMO AD 2-15

VRMO AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.

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AERODROME CHART

00° 44' 00 N
073° 26' 03 E

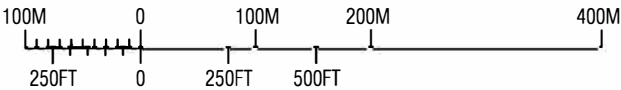
TWR 118.30

G.A. KOODDOO /
KOODDOO AIRPORT

RWY	DIRECTION (MAG)	THR	BEARING STRENGTH
18	182°	00° 44' 28.87 N 73° 26' 01.96" E	RWY 18/36 PCN 37/F/B/X/T TWY A,B,C PCN 37/F/B/X/T
36	002°	00° 43' 33.80" N 73° 26' 04.10" E	APRON PCN 37/F/B/X/T

1	TERMINAL BUILDING
2	FIRE & ATC BUILDING
3	CANTEEN / RESTAURANT
4	ADMIN BUILDING
5	SERVICES BUILDINGS (STAFF & LABOUR)
6	POWER HOUSE / DESALINATION PLANT
7	AIRPORT ACCOMMODATION BLOCK-2
8	SECURITY POST
9	AIRPORT ACCOMMODATION BLOCK-1
10	VIP LOUNGE

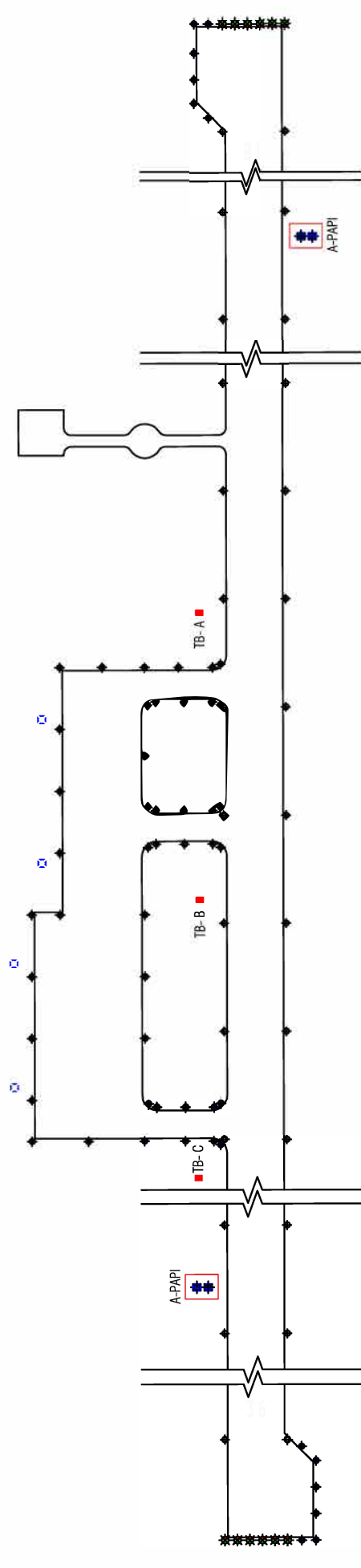
- AIRPORT BOUNDARY
- KOODDOO FISHERIES
- AIRPORT HOTEL



ELEVATIONS AND DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC



LIGHTING AIDS RWY 18/36 AND EXIT TWY

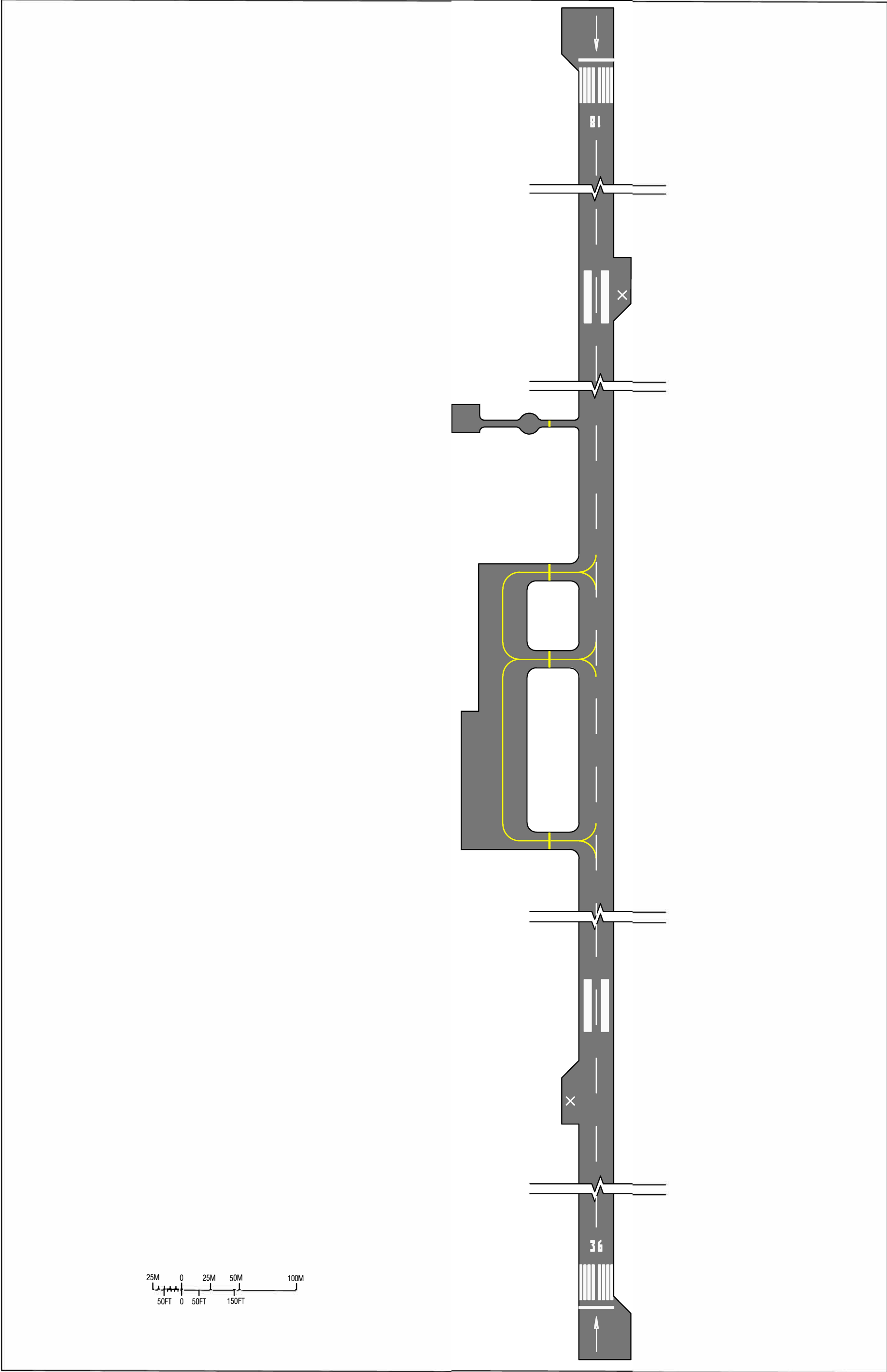


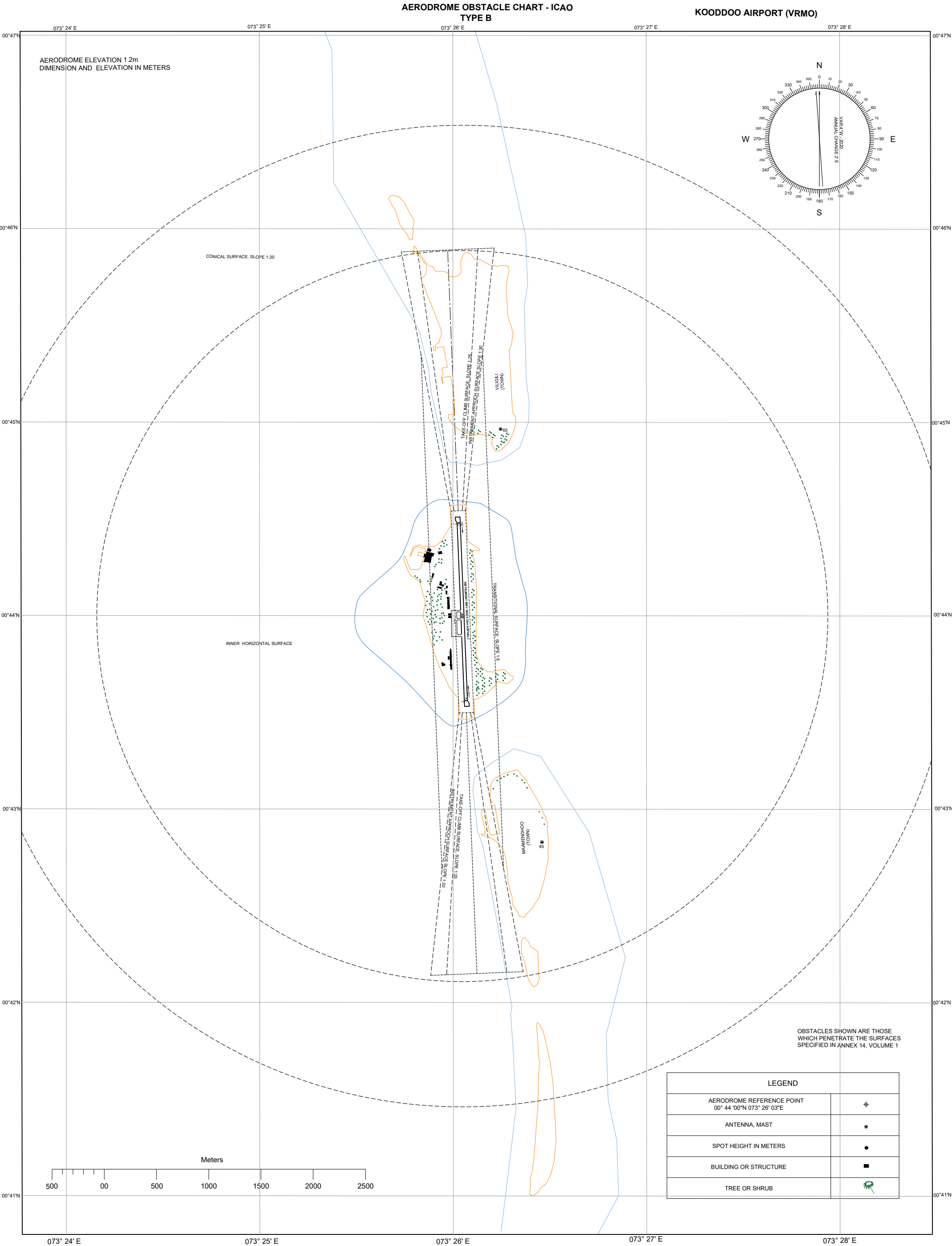
- ✦ RUNWAY EDGE LIGHTS
- ◆ RUNWAY END LIGHTS
- INSET LIGHTS
- ★ REFLECTORS
- APRON FLOOD LIGHTS



AIRFIELD MARKING

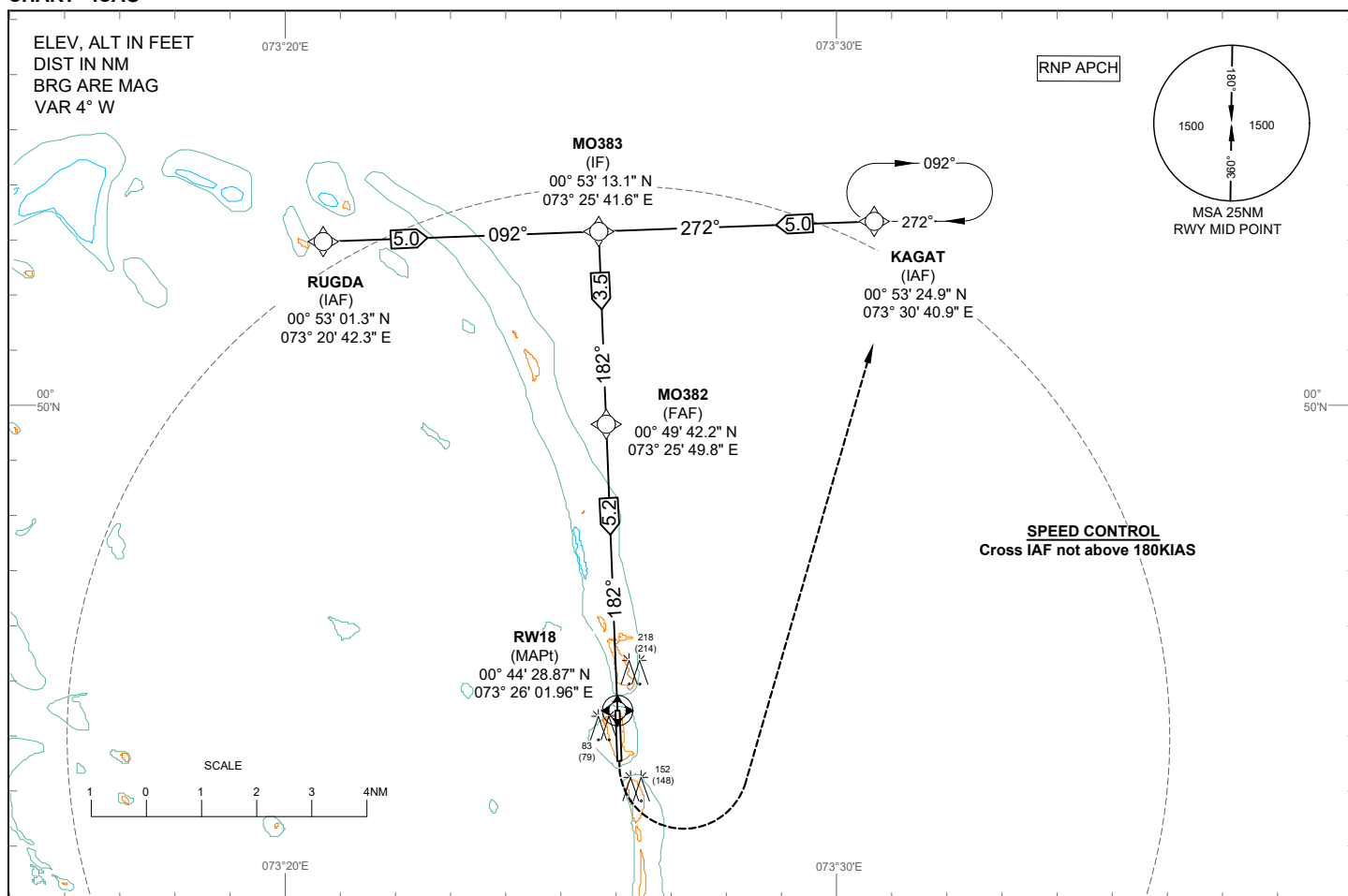
G.A. K00DD00 /
K00DD00 AIRPORT



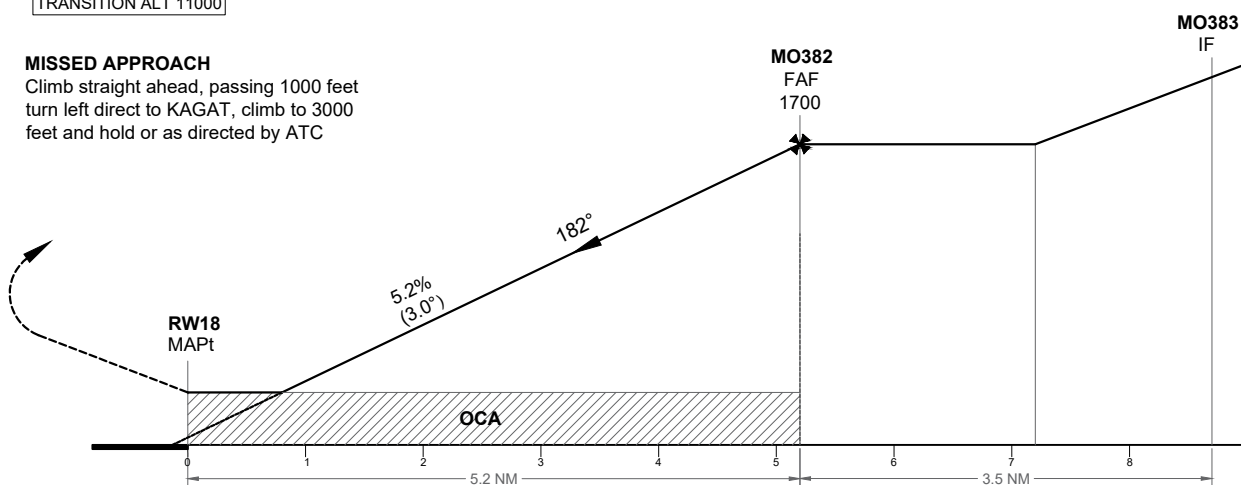


**INSTRUMENT
APPROACH
CHART - ICAO**AERODROME ELEV 4 FT
HEIGHT RELATED TO
THR RWY 18 - ELEV 4 FT

TWR 118.30

KOODDOO (VRMO)
RNP RWY18

TRANSITION ALT 11000

MISSED APPROACHClimb straight ahead, passing 1000 feet
turn left direct to KAGAT, climb to 3000
feet and hold or as directed by ATC

AIRCRAFT CATEGORY	A		B		C	
LNAV / VNAV OCA (OCH)	380 (376)					
LNAV OCA (OCH)	470 (466)					
DISTANCE TO THRESHOLD	1	2		3		4
ALTITUDE (HEIGHT)	OCA	690 (686)		1000 (996)		1320 (1316)

RNP RWY 18**Tabular Description**

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course (°M)	Distance (NM)	Turn	Altitude	Speed (KT)	Nav Spec
01	IF	KAGAT	-	-		-	+3000	-180	RNP APCH
02	TF	MO383	-	272	5	L	-	-	RNP APCH
03	TF	MO382	-	182	3.5	-	@1700	-	RNP APCH
04	TF	RW18	Y	182	5.2	-	-	-	RNP APCH
05	FA	RWY18	-	182	-	L	+1000	-	RNP APCH
06	DF	KAGAT	Y	-	-	-	+3000	-	RNP APCH
07	HM	KAGAT	Y	272	-	-	+3000	-	RNP APCH

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course (°M)	Distance (NM)	Turn	Altitude	Speed (KT)	Nav Spec
01	IF	RUGDA	-	-		-	+3000	-180	RNP APCH
02	TF	MO383	-	092	5	R	-	-	RNP APCH
03	TF	MO382	-	182	3.5	-	@1700	-	RNP APCH
04	TF	RW18	Y	182	5.2	-	-	-	RNP APCH
05	FA	RWY18	-	182	-	L	+1000	-	RNP APCH
06	DF	KAGAT	Y	-	-	-	+3000	-	RNP APCH
07	HM	KAGAT	Y	272	-	-	+3000	-	RNP APCH

Waypoint List

Waypoint identifier	Coordinates
KAGAT	005324.9N 0733040.9E
RUGDA	005301.3N 0732042.3E
MO383	005313.1N 0732541.6E
MO382	004942.2N 0732549.8E
RW18	004428.87N 0732601.96E

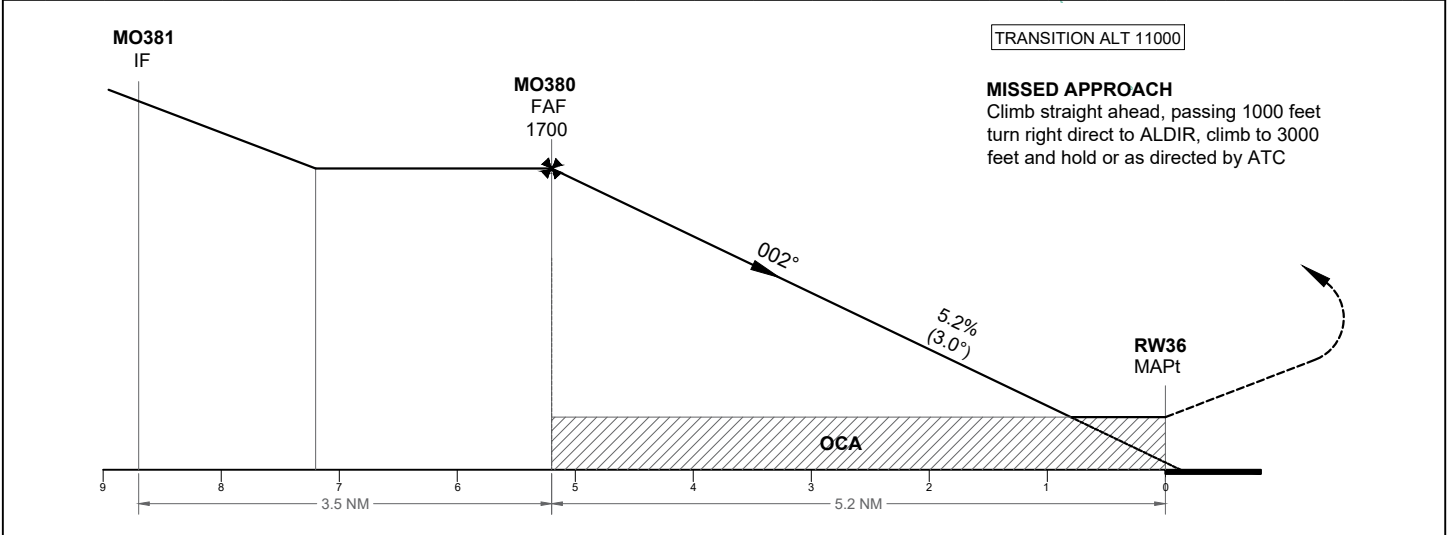
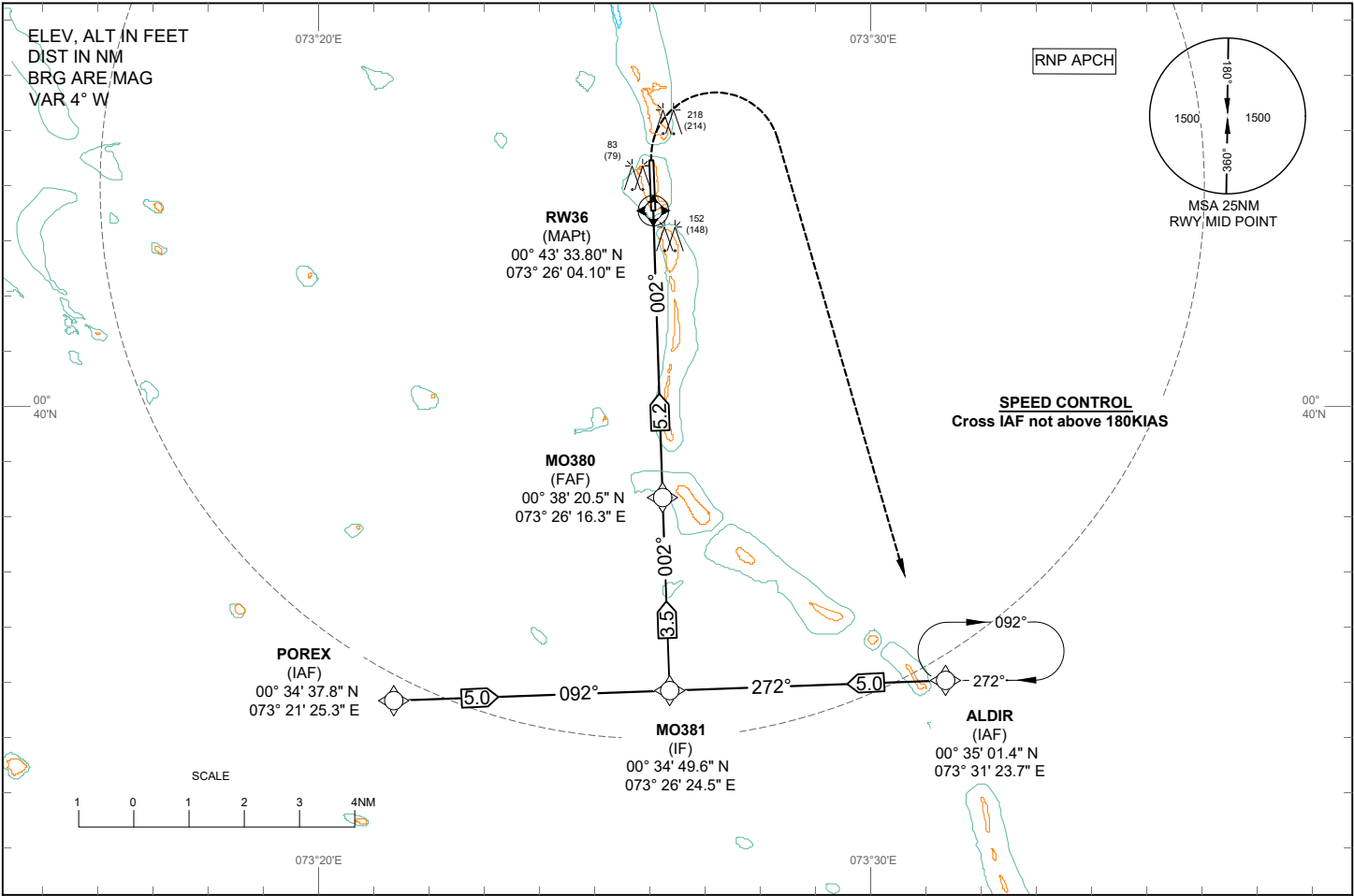
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INSTRUMENT
APPROACH
CHART - ICAO

AERODROME ELEV 4 FT
HEIGHT RELATED TO
THR RWY 36 - ELEV 4 FT

TWR 118.30

KOODDOO (VRMO)
RNP RWY 36



AIRCRAFT CATEGORY	A		B	C
LNAV / VNAV OCA (OCH)	310 (306)			
LNAV OCA (OCH)	400 (396)			
DISTANCE TO THRESHOLD	4	3	2	1
ALTITUDE (HEIGHT)	1320 (1316)	1000 (996)	690 (686)	OCA

RNP RWY 36

Tabular Description

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course (°M)	Distance (NM)	Turn	Altitude	Speed (KT)	Nav Spec
01	IF	ALDIR	-	-		-	+3000	-180	RNP APCH
02	TF	MO381	-	272	5	R	-	-	RNP APCH
03	TF	MO380	-	002	3.5	-	@1700	-	RNP APCH
04	TF	RW36	Y	002	5.2	-	-	-	RNP APCH
05	FA	RWY36	-	002	-	R	+1000	-	RNP APCH
06	DF	ALDIR	Y	-	-	-	+3000	-	RNP APCH
07	HM	ALDIR	Y	272	-	-	+3000	-	RNP APCH

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course (°M)	Distance (NM)	Turn	Altitude	Speed (KT)	Nav Spec
01	IF	POREX	-	-		-	+3000	-180	RNP APCH
02	TF	MO381	-	092	5	L	-	-	RNP APCH
03	TF	MO380	-	002	3.5	-	@1700	-	RNP APCH
04	TF	RW36	Y	002	5.2	-	-	-	RNP APCH
05	FA	RWY36	-	002	-	R	+1000	-	RNP APCH
06	DF	ALDIR	Y	-	-	-	+3000	-	RNP APCH
07	HM	ALDIR	Y	272	-	-	+3000	-	RNP APCH

Waypoint List

Waypoint identifier	Coordinates
ALDIR	003501.4N 0733123.7E
POREX	003437.8N 0732125.3E
MO381	003449.6N 0732624.5E
MO380	003820.5N 0732616.3E
RW36	004333.80N 0732604.10E

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