

**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**

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	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</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>
<i>RWY NR</i>	<i>TRUE BRG</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</i>		<i>Slope of RWY-SWY</i>	<i>SWY dimensions (M)</i>	<i>Clearway (CWY) dimensions (M)</i>	<i>Strip dimensions (M)</i>
<i>RWY NR</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</i>	<i>Location and description of OFZ</i>	<i>Remarks</i>
<i>RWY</i>	<i>NR</i>	
1	12	13
18	NIL	NIL
36	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>	KOODOO 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>	Koodoo 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	Koodoo 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

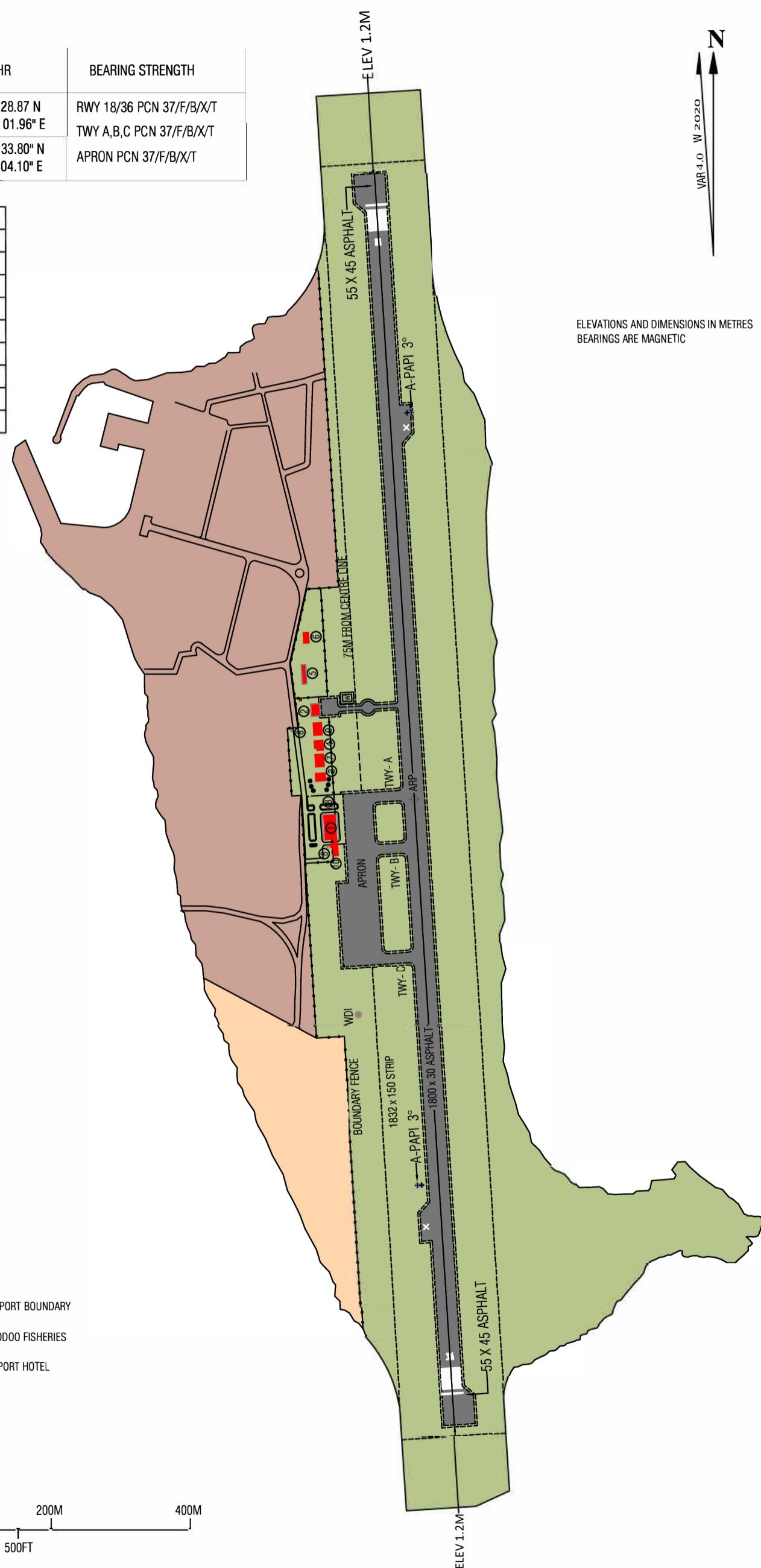
00° 44' 00 N  
073° 26' 03 E

TWR 118.30

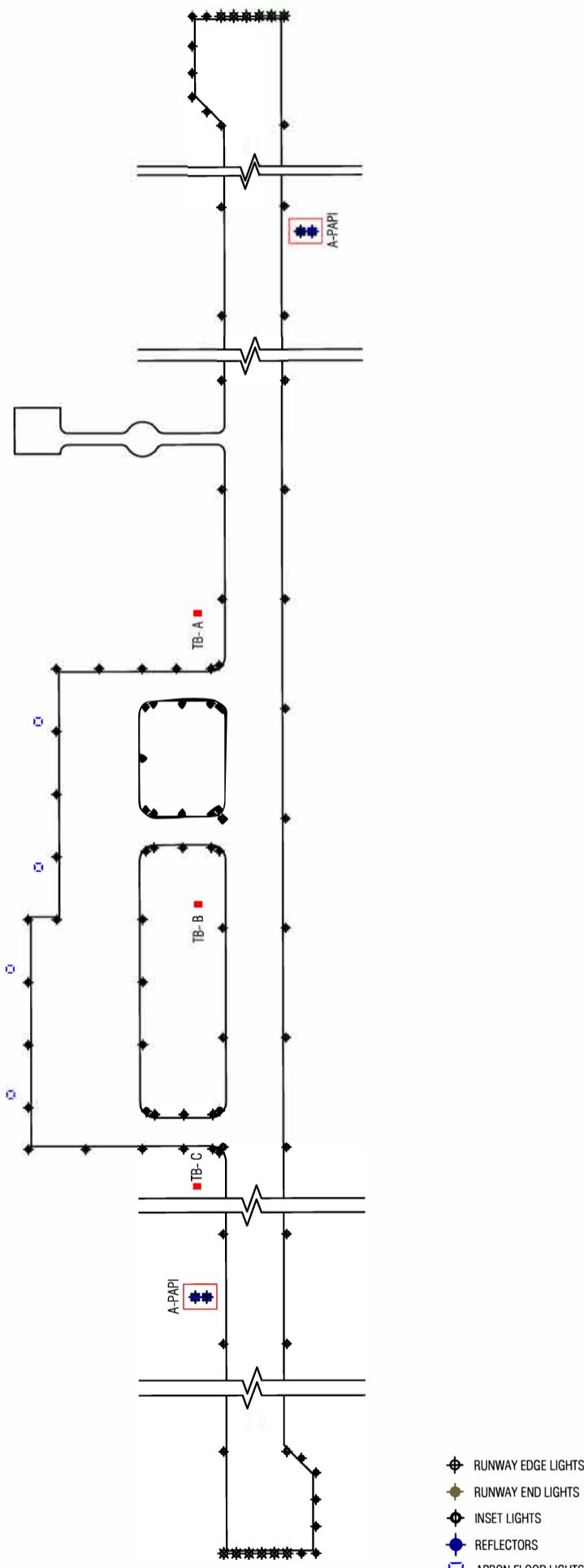
G.A. KOODDOO /  
KOODDOO AIRPORT

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 APRON PCN 37/F/B/X/T
36	002°	00° 43' 33.80 N 73° 26' 04.10 E	

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



LIGHTING AIDS RWY 18/36 AND EXIT TWY

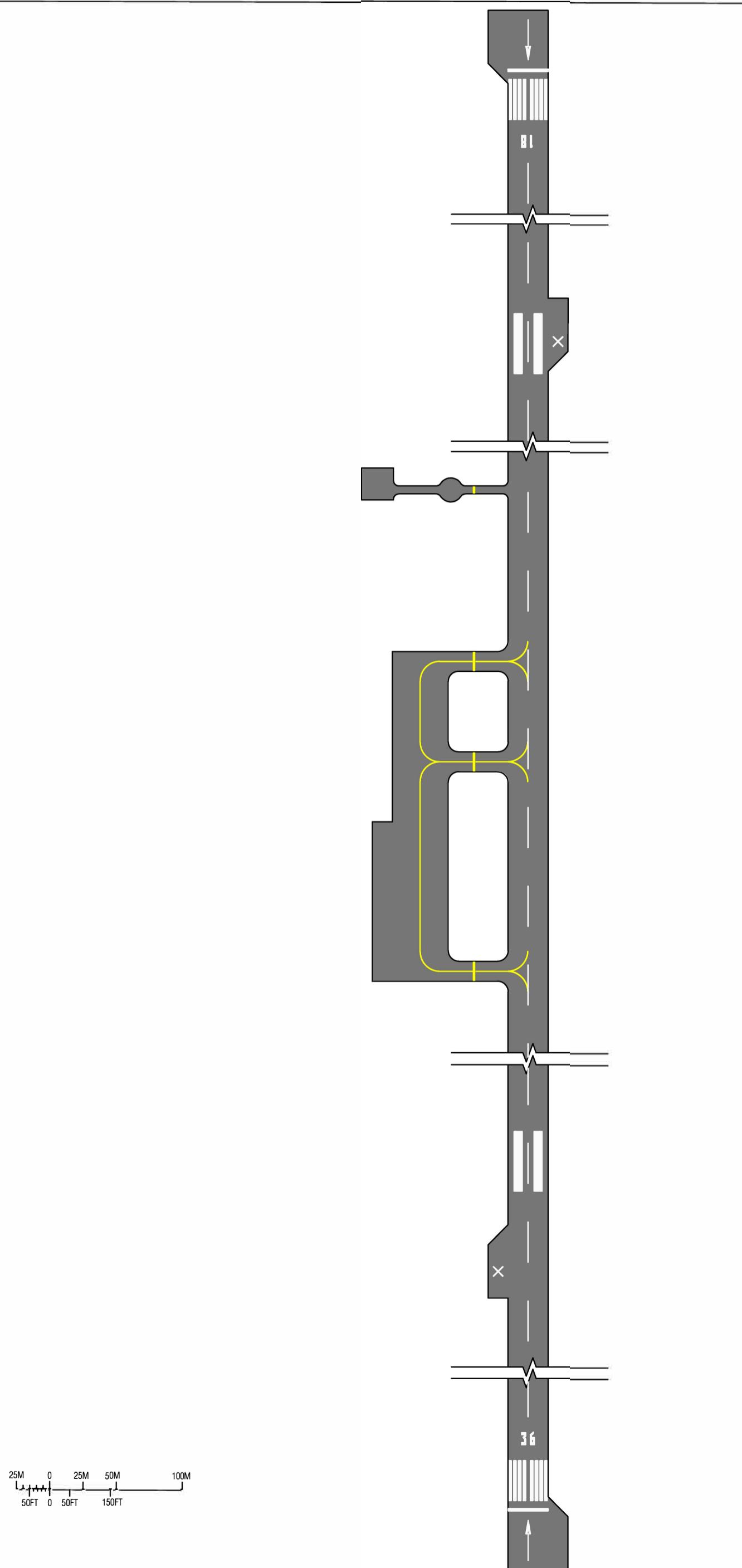


25M 0 25M 50M 100M  
50FT 0 50FT 150FT

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

AIRFIELD MARKING

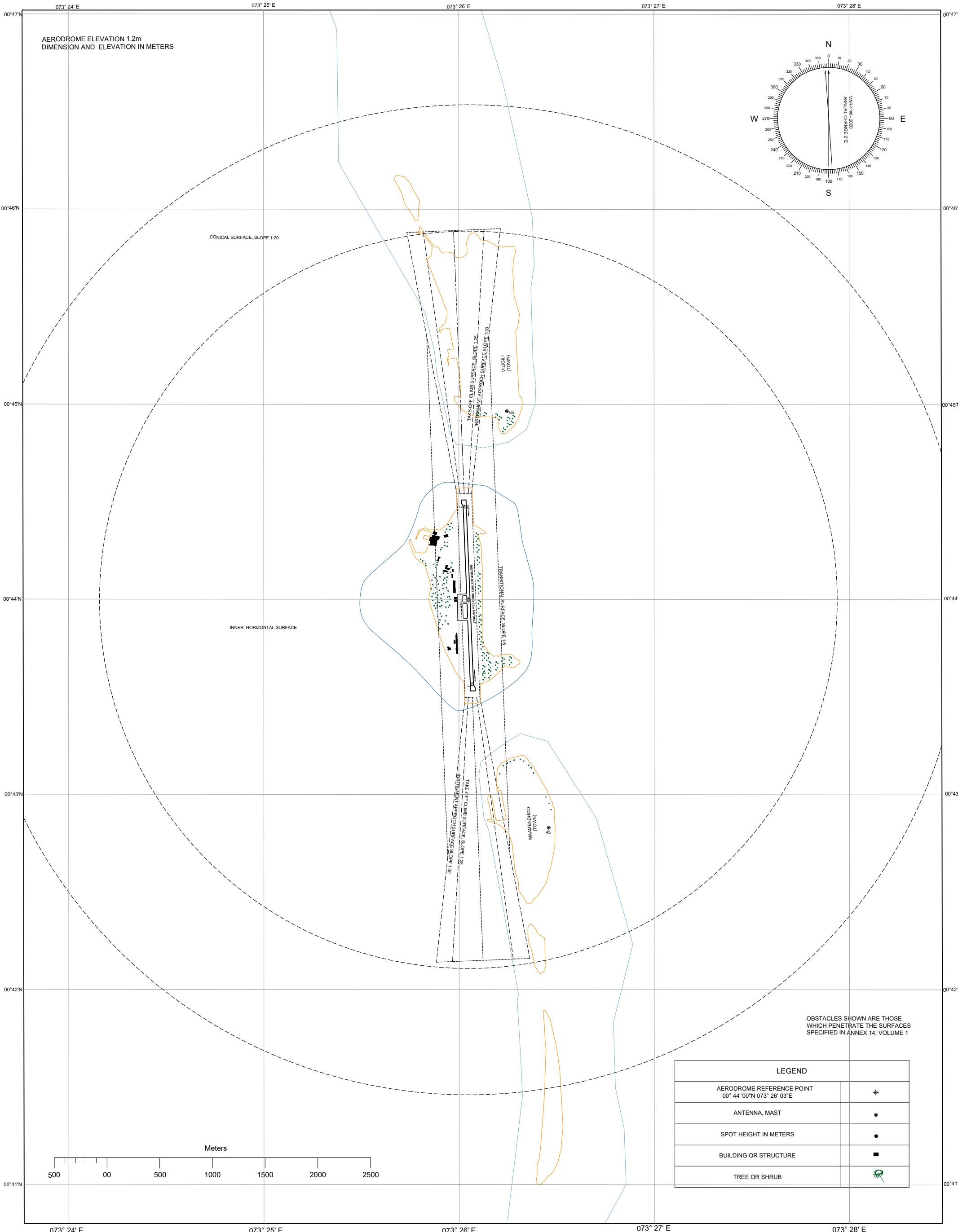
G.A. KOODDOO /  
KOODDOO AIRPORT



25M 0 25M 50M 100M  
50FT 0 50FT 150FT

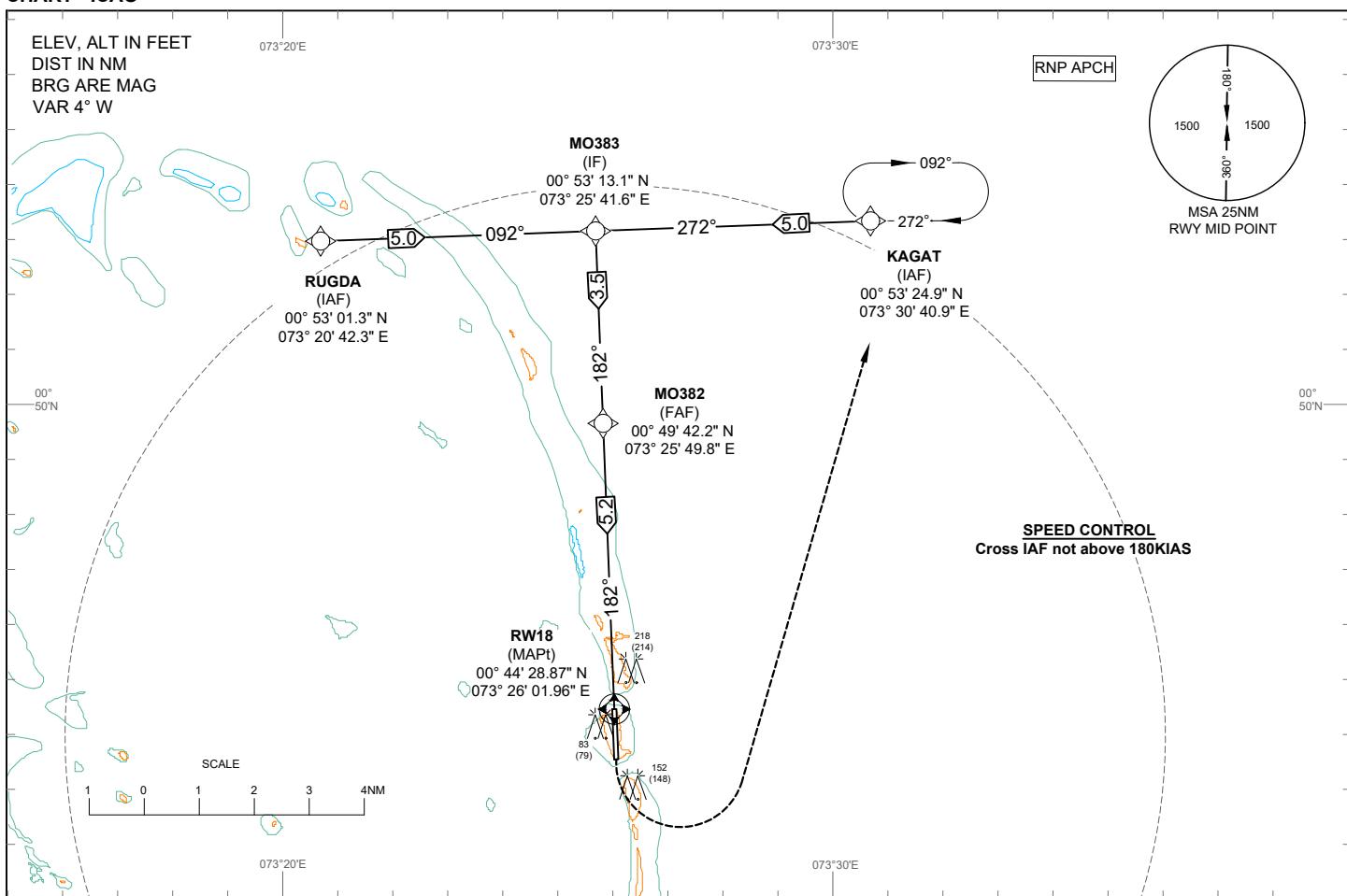
AERODROME OBSTACLE CHART - ICAO  
TYPE B

KOODDOO AIRPORT (VRMO)



INSTRUMENT  
APPROACH  
CHART - ICAOAERODROME ELEV 4 FT  
HEIGHT RELATED TO  
THR RWY 18 - ELEV 4 FT

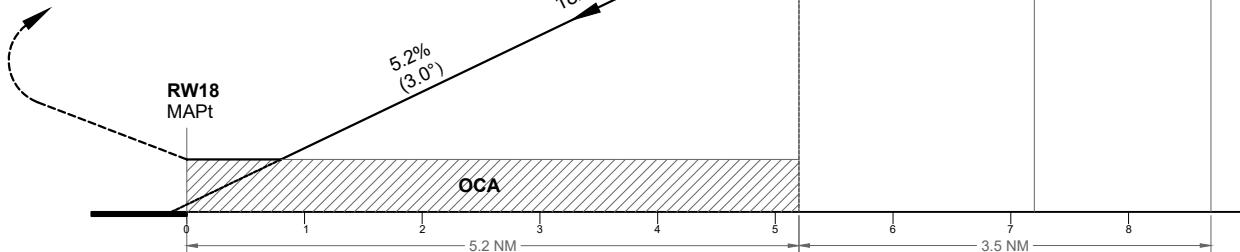
TWR 118.30

KOODDOO (VRMO)  
RNP RWY18

TRANSITION ALT 11000

## MISSSED APPROACH

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

MO382  
FAF  
1700MO383  
IF

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

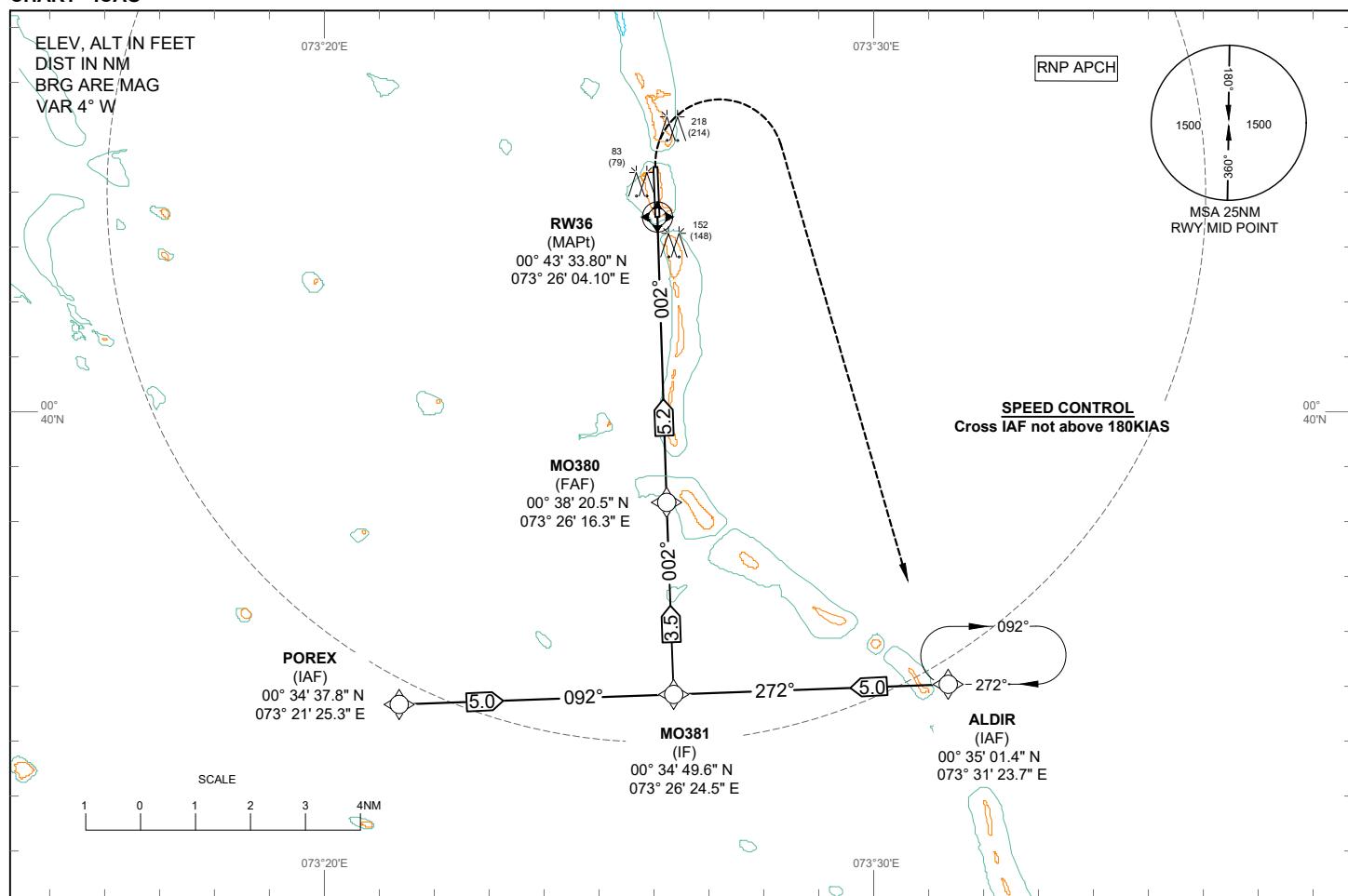
**Waypoint List**

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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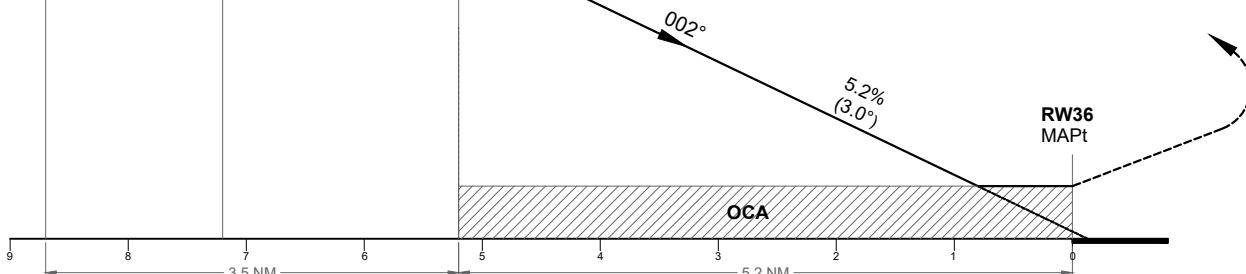
INSTRUMENT  
APPROACH  
CHART - ICAOAERODROME ELEV 4 FT  
HEIGHT RELATED TO  
THR RWY 36 - ELEV 4 FT

TWR 118.30

KOODDOO (VRMO)  
RNP RWY 36MO381  
IFMO380  
FAF  
1700

TRANSITION ALT 11000

## MISSSED APPROACH

Climb straight ahead, passing 1000 feet  
turn right direct to ALDIR, climb to 3000  
feet and hold or as directed by ATC

AIRCRAFT CATEGORY	A	B	C
LNAV / VNAV OCA (OCH)		310 (306)	
LNAV OCA (OCH)		400 (396)	
DISTANCE TO THRESHOLD	4	3	2
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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