AD 2. AERODROMES

VREI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VREI – IFURU AIRPORT

VREI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	054230N 0730130E Runway Mid-point
2	*Direction and distance from city*	173°, 4.11KM from runway midpoint to city centre Ungoofaaru
3	*Elevation, Reference temperature and mean low temperature*	1.8M (5.9FT) /31°C
4	*Geoid undulation at AD ELEV PSN*	-
5	*Magnetic (MAG) variation (VAR)/Annual change*	3° W (2020)
6	*Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and website address*	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 info@iasl.aero www.maldivian.aero
7	*Types of traffic permitted (IFR/VFR)*	VFR/IFR
8	*Remarks*	NIL

VREI AD 2.3 OPERATIONAL HOURS

1	*Aerodrome operator*	HO
2	*Customs and immigration*	NIL
3	*Health and sanitation*	NIL
4	*Aeronautical information service (AIS) briefing office*	NIL
5	*ATS Reporting office (ARO)*	NIL
6	*MET Briefing Office*	NIL
7	*ATS*	HO
8	*Fuellling*	NIL
9	*Handling*	HO
10	*Security*	H24
11	*De-icing*	Not applicable
12	*Remarks*	AFIS available

VREI AD 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	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	NIL

VREI AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Ifuru Transit Hotel
2	*Restaurants*	In walkable distance
3	*Transportation*	Buggy, Dhoani and Speed Boats
4	*Medical facilities*	NIL
5	*Bank and Post Office*	NIL
6	*Tourist Office*	NIL
7	*Remarks*	NIL

VREI AD 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	*Capability for removal of disabled aircraft*	NIL
4	*Remarks*	NIL

VREI AD 2.7 SEASONAL AVAILABILTY – CLEARING

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

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

1	*Apron designation, surface and strength*	Surface: Asphalt Strength: PCN15/F/B/X/T
2	*Taxiway designation, width, surface and strength*	Width: 15M Surface: Asphalt Strength: PCN15/F/B/X/T
3	*Altimeter checkpoint location and elevation*	Runway mid-point 054229.85N0730130.10E,1.8M/5.10FT Elevation: 1.8M
4	*VHF omnidirectional radio range (VOR) checkpoints*	NIL
5	*INS checkpoints*	NIL
6	*Remarks*	NIL

VREI AD 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 and TWY markings and LGT*	RWY: Designation, THR, TDZ and center line markings. Edge lights, THR and End lights TWY: Center line, holding position markings on both taxiways. Edge lights on all taxiways
3	*Stop bars and runway guard lights*	NIL
4	*Other runway protection measures*	NIL
5	*Remarks*	NIL

VREI AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	*OBST type*	*OBST position*	*ELEV/HGT*	*Markings/Type, colour, lighting (LGT)*	*Remarks*
a	b	c	d	e	f
	Dhiraagu Antenna	054223.0N 0730123.7E	24M		
	Control Tower	054229.7N 0730125.9E	14M		
	Wind Sock	054226.9N 0730132.9E	08M		
	Apron Flood Light Mast (No 1)	054224.5N 0730126.7E	15M		
	Apron Flood Light Mast (No 2)	054226.7N 0730126.4E	15M		
	House	054208.0N 0730130.0E	06M		

VREI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	*Associated MET office*	NIL
2	*Hours of service* *MET office outside hours*	NIL
3	*Office responsible for terminal aerodrome forecast (TAF) preparation* *Periods of validity and interval of issuance*	NIL
4	*Trend 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 information available for briefing or consultation*	Yes
8	*Supplementary equipment available for providing information*	NIL
9	*ATS units provided with information*	Yes, Ifuru Tower / Ifuru Information, MATCC
10	*Additional information*	NIL

VREI AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	*TRUE BRG*	*Dimensions of RWY (M)*	*Strength of the pavement classification number (PCN) and surface of RWY and SWY*	*THR coordinates RWY end coordinates THR geoid undulation*	*THR elevation and highest elevation of TDZ of precision APCH RWY*
1	2	3	4	5	6
18	176˚ GEO	1200 x 30	PCN 15/F/B/X/T Asphalt	054249.20N 0730127.90E	THR 1.8M/6 FT
36	356˚ GEO	1200 x 30	PCN 15/F/B/X/T Asphalt	054210.50N 0730132.30E	THR 1.8M/5.9 FT

Designations RWY NR	*Slope of RWY-SWY*	*SWY dimensions (M)*	*Clearway (CWY) dimensions (M)*	*Strip dimensions (M)*	*Dimensions of runway end safety area*
1	7	8	9	10	11
18	1.5%	-	300 x 150	1320 x 150	90 X 60
36	1.5%	-	300 x 150	1320 x 150	90 X 60

Designations RWY NR	*Location and description of arresting system*	*OFZ*	*Remarks*
1	12	13	14
18	NIL	-	NIL
36	NIL	-	NIL

VREI AD 2.13 DECLARED DISTANCES

RWY designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
18	1200	1500	1200	1200	NIL
36	1200	1500	1200	1200	NIL

VREI AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY designator	*APCH LGT type LEN INTST*	*THR LGT colour WBAR*	*VASIS (MEHT) PAPI*	*TDZ, LGT LEN*	*RWY Centre Line LGT Length, spacing, colour, INTST*	*RWY edge LGT LEN, spacing colour INTST*	*RWY End LGT and Wing bar colour*	*SWY LGT LEN (M) colour*	*Remarks*
1	2	3	4	5	6	7	8	9	10
18	NIL	Green No	APAPI Left/3º 40FT	NIL	NIL	1860 60M White	Red No	NIL	NIL
36	NIL	Green Yes	APAPI Left/3º 40FT	NIL	NIL	1800 60M White	Red No	NIL	NIL

VREI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN/IBN location, characteristics and hours of operation*	ABN - On top of control tower 0730152.88E 054229.70N, 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 LGT*	TWY edge lights: 40 Blue Lights / TWY A & B
4	*Secondary power supply/switch-over time*	Not Available
5	*Remarks*	NIL

VREI AD 2.16 HELICOPTER LANDING AREA

NIL

VREI AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	Ifuru AFIS Area A circle, radius 10NM centred at 054229.85N 0730130.10E (ARP)
2	*Vertical limits*	SFC TO 3,500FT AMSL
3	*Airspace classification*	G
4	*ATS unit call sign* *Language(s)*	Ifuru Information English
5	*Transition altitude*	11,000FT AMSL
6	*Hours of applicability*	HO
7	*Remarks*	NIL

VREI AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel(s)*	*SATVOICE number(s)*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
TWR	Ifuru Aerodrome / Ifuru Information	118.350 MHZ	NIL	NIL	HO	Ground frequency 121.650 Will be used as the BACKUP frequency for 118.350

VREI AD 2.19 RADIO NAVIGATION AND LANDING AIDS

NIL

VREI AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VREI AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VREI AD 2.22 FLIGHT PROCEDURES

Arrivals:

Aircraft inbound to land at Ifuru 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 Ifuru 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 **128.8 MHz** from 7000ft, as specified in Maldives AIP ENR 1.2, paragraph 12, Traffic Information Broadcast by (VFR) Aircraft, while operating VFR.
d) In addition to monitoring and transmitting on advisory frequency, pilot should contact Ifuru Tower at least 15NM prior to landing.
e) Standard left-hand pattern should be followed and the minimum altitude to join the traffic circuit shall be 1500 feet or may follow published instrument approach procedure.

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 Ifuru 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 take-off area.
*(Note: *If QNH is not available, Tower will not issue altimeter setting information).*

During day light hours, pilot shall monitor and transmit position information on advisory frequency 128.8MHz upon getting airborne until passing 6000 feet, as specified in Maldives AIP ENR1.2, 12, Traffic Information Broadcast by (VFR) aircraft.

Coordination between Ifuru AFIS Unit and Maldives Air Traffic Control Centre

Ifuru AFIS unit has a telephone line (658 5525) to ensure that MATCC is informed regarding departures, arrivals to and from Ifuru Airport.

Information provided to aircraft by Ifuru AFIS Unit

a) Meteorological information for aircraft about to take-off or to land, including SIGMET information.
   E.g. the current surface winds, direction and speed, QNH, air temperature, visibility.
b) The most suitable runway for use.
c) Information that is essential to the safe operation. E.g. Construction or maintenance work.
d) Rough or broken surfaces on a runway or a taxiway, whether marked or not;
e) Water on a runway;
f) Other temporary hazards, including parked aircraft and birds on the ground or in the air;
g) Failure or irregular operation of part or all of the aerodrome lighting system;
h) Information that is related with airdrome equipment.
i) Any other information or messages contributing to safety.

Alerting service

Alerting service is provided by Ifuru AFIS Unit in accordance with the provisions of MCAR 11, Chapter 5.

Responsibilities of, and procedures for pilots operating to and from Ifuru Airport

When operating on or in the vicinity of Ifuru Airport, pilots must, on the basis of the information received from the Ifuru AFIS Unit combined with their own knowledge and observations, decide on the course of action to be taken to ensure separation from other aircraft, ground vehicles and obstacles.

It is essential that pilots establish and maintain two-way radio communication with the Ifuru AFIS Unit and that they report their positions, levels and all significant maneuvers and intentions to the Ifuru AFIS unit, since the efficiency of the Ifuru AFIS is dependent on the information received.

VREI AD 2.23 ADDITIONAL INFORMATION

NIL

VREI AD 2.24 CHARTS RELATED TO AN AERODROME

VREI AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.

AERODROME CHART

5° 42' 29.85" N
73° 01' 30.10" E

TWR 118.350

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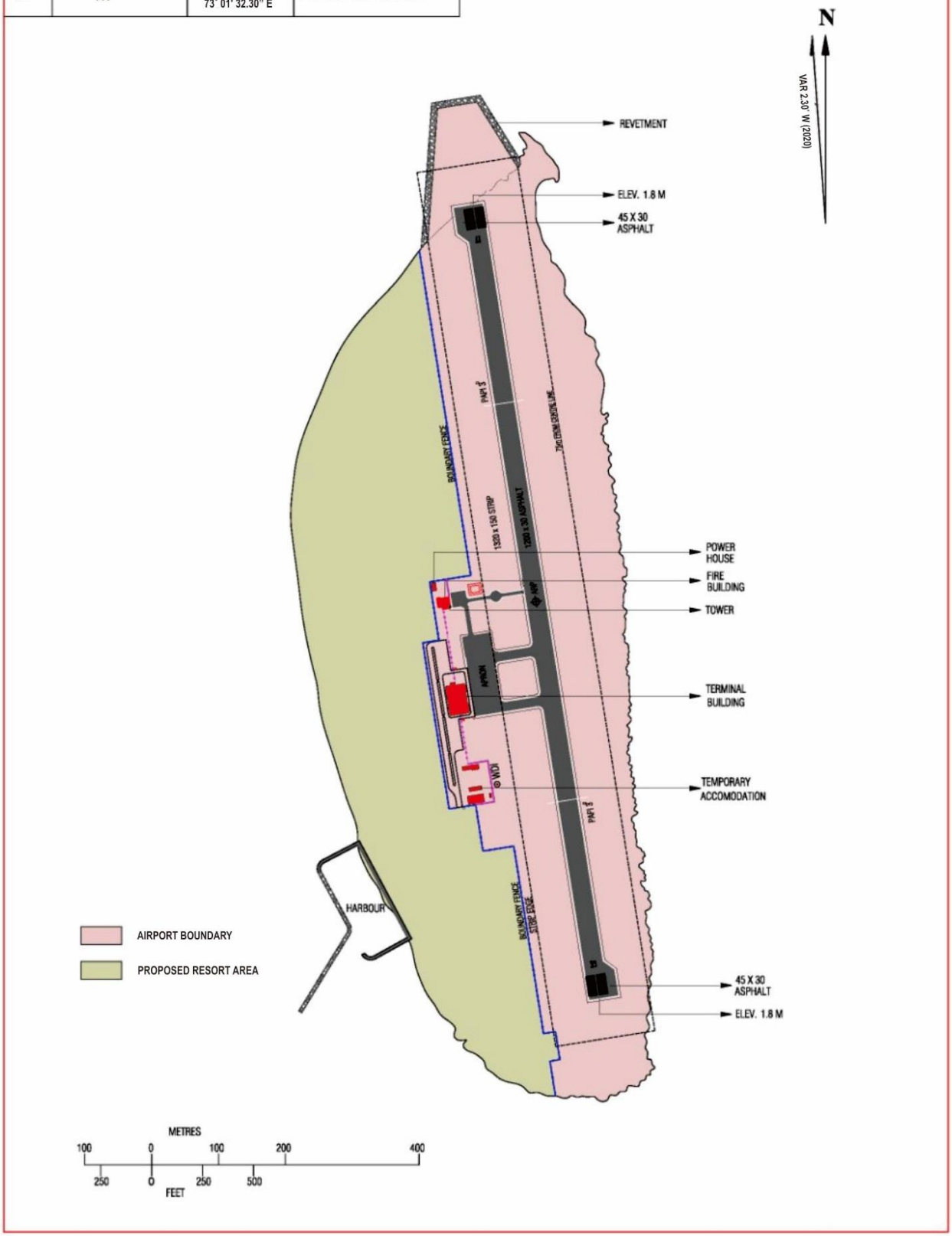
IFURU AIRPORT

RWY	DIRECTION (TRUE)	THR	BEARING STRENGTH
18	176°	5° 42' 49.20" N 73° 01' 27.90" E	RWY 18/36 PCN 15/F/B/X/T TWY A,B PCN 15/F/B/X/T APRON PCN 15/F/B/X/T
36	356°	5° 42' 10.50" N 73° 01' 32.30" E	

ELEVATIONS AND DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC

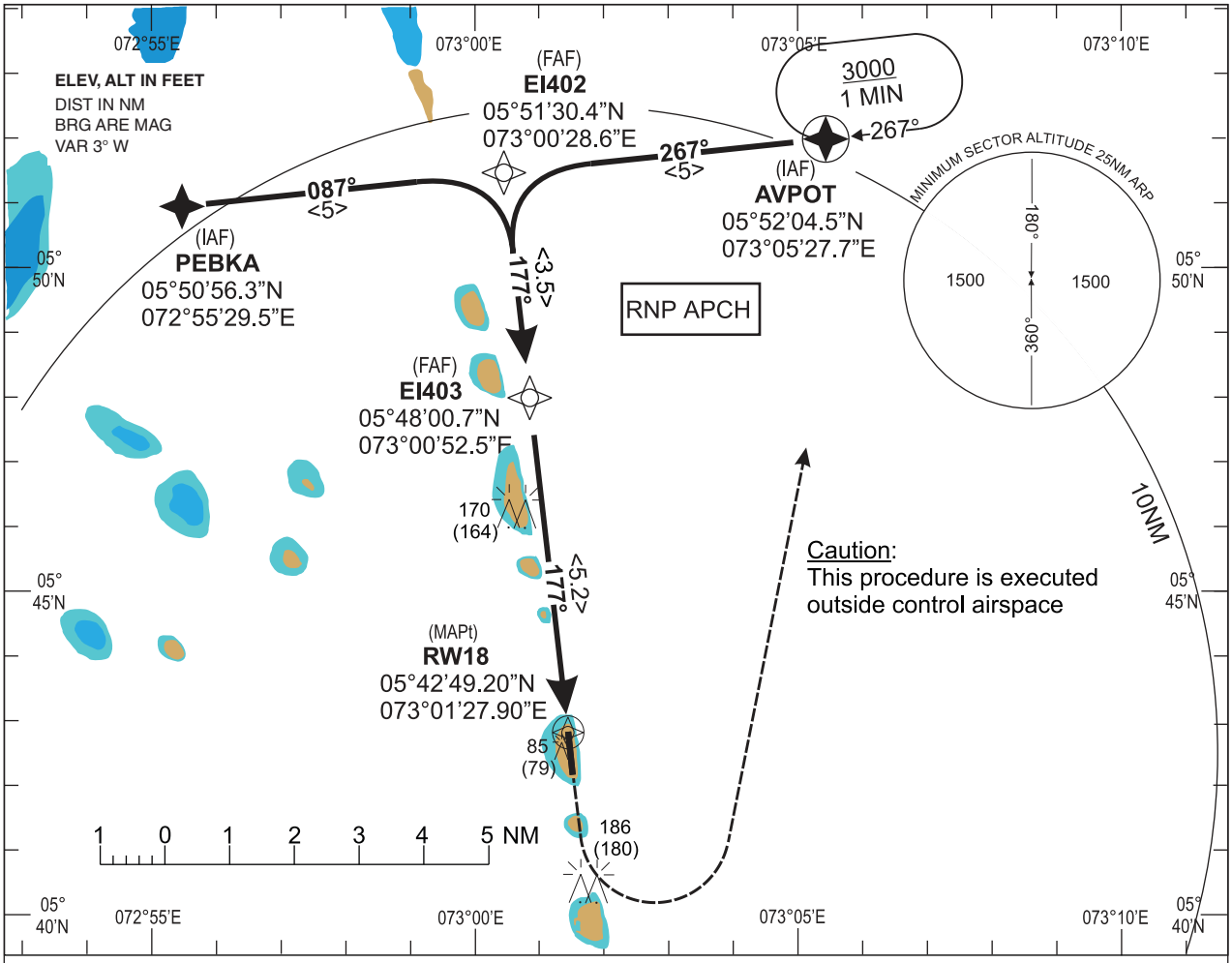


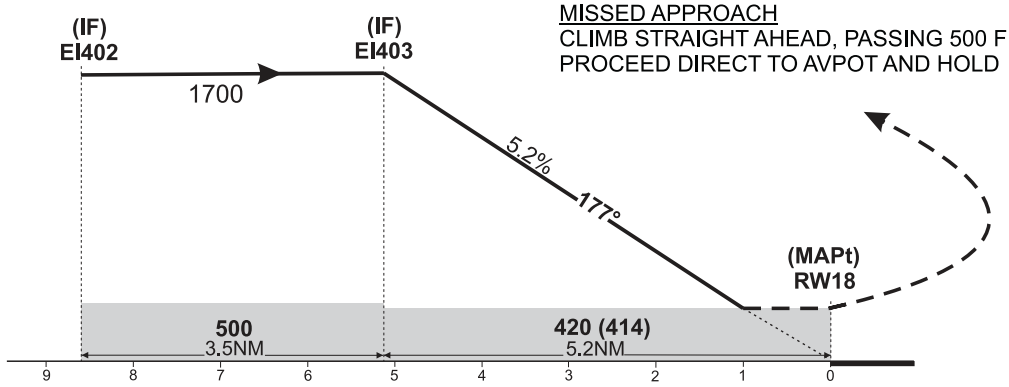
INSTRUMENT APPROACH CHART — ICAO

AERODROME ELEV 6 ft
HEIGHTS RELATED TO
THR RWY 18 — ELEV 6 ft

FIS 118.35

IFURU AIRPORT
RNP RWY 18





MISSED APPROACH
CLIMB STRAIGHT AHEAD, PASSING 500 FEET TURN LEFT
PROCEED DIRECT TO AVPOT AND HOLD

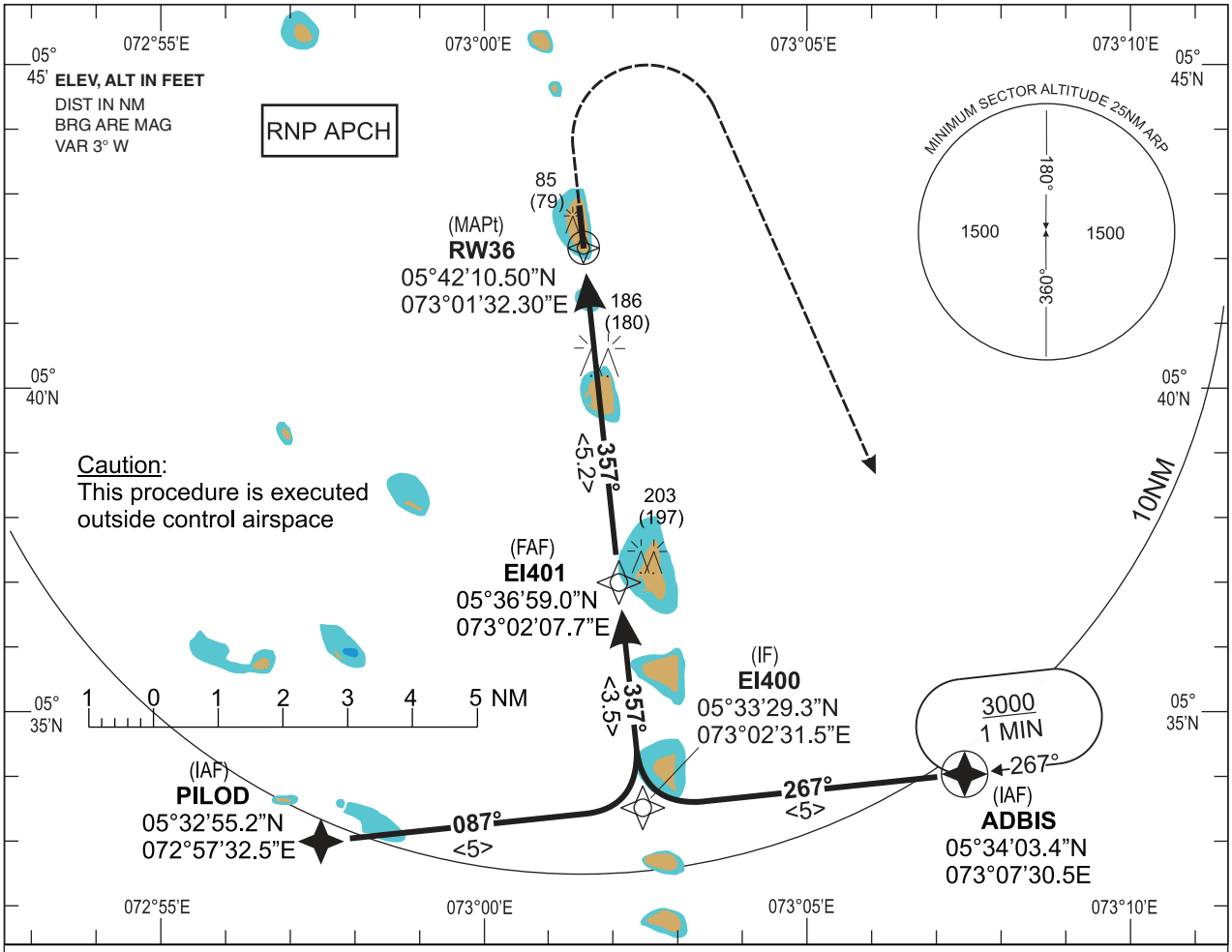
AIRCRAFT CATEGORY	A				B
LNAV MDA (MDH)	420 (414)				
DISTANCE TO THRESHOLD	5	4	3	2	1
ALTITUDE (HEIGHT)	1640 (1634)	1320 (1614)	1000 (994)	690 (684)	MDA

INSTRUMENT APPROACH CHART — ICAO

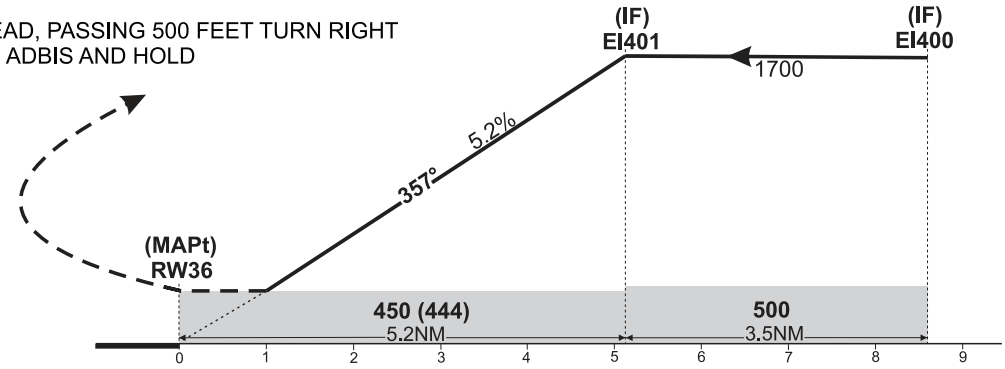
AERODROME ELEV 6 ft
HEIGHTS RELATED TO
THR RWY 18 — ELEV 6 ft

FIS 118.35

IFURU AIRPORT
RNP RWY 36



MISSED APPROACH
CLIMB STRAIGHT AHEAD, PASSING 500 FEET TURN RIGHT
PROCEED DIRECT TO ADBIS AND HOLD



AIRCRAFT CATEGORY	A				B
LNAV MDA (MDH)	450 (444)				
DISTANCE TO THRESHOLD	1	2	3	4	ƨ
ALTITUDE (HEIGHT)	MDA	690 (684)	1000 (994)	1320 (1614)	1640 (1634)