WATE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

WATE - ENDE / Haji Hasan Aroeboesman

WATE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

ARP Coordinates and Site at AD	085052S 1213947E
Direction and Distance From (City)	± 3 km
Elevation / Reference Temperature	40 ft / 32° C
MAG VAR / Annual Change	1° E (2016)
AD Administration	Airport UPBU (Unit Penyelenggara Bandar Udara) Haji Hasan Aroeboesman ANSP Airnav Indonesia Kantor Cabang pembantu Ende
Address	Airport Jl. Achmad Yani, Ende 86316 Flores, Nusa Tenggara Timur ANSP Jl. Achmad Yani, Ende 86316 Flores, Nusa Tenggara Timur
Telephone	Airport (0381) 21512 (0381) 21356 (0381) 21531 ANSP +62 813 380 289 97
Telefax	(0381) 22172
Telex	NIL
E-mail	Airport bandara_nd@yahoo.co.id ANSP hasanaroeboesman@airnavindonesia.co.id ais.hasanaroeboesman@airnavindonesia.co.id
AFTN	NIL
Type of Traffic Permitted	VFR
Remarks	NIL

WATE AD 2.3 OPERATIONAL HOURS

AD Administration	MON – THU : 2300 - 0700 FRI : 2300 - 0730
Customs and Immigration	NIL
Health and Sanitation	NIL
AIS Briefing Office	2100 - 0800
ATS Reporting Office	2100 - 0800
MET Briefing Office	2100 - 0800 / On Request
ATS	NIL
Fueling	2100 - 0700 / On Request
Handling	NIL
Security	H24

De-Icing	NIL
Remarks	NIL

WATE AD 2.4 HANDLING SERVICE AND FACILITIES

Cargo Handling Facilities	Available
Fuel / Oil / Type	Avtur
Fueling Facilities / Capacity	7000 and 12000 Liter
De-Icing Facilities	NIL
Hangar Space for Visiting Aircraft	NIL
Repair Facilities for Visiting Aircraft	NIL
Remarks	NIL

WATE AD 2.5 PASSENGER FACILITIES

Hotels	In The City
Restaurant	In The City
Transportation	Travel and Public Transportation
Medical Facilities	Available
Bank and Post Office	In The City
Tourist Office	In The City
Remarks	NIL

WATE AD 2.6 RESCUE AND FIRE FIGHTING

AD Category for Fire Fighting	Category 5
Rescue Equipment	2 Units Foam Tender Type VI 1 Unit Nose Tender 1 Unit RIV 1 Unit Commando Car 2 Units Ambulance 9 Personnels
Capability For Removal of Disabled Aircraft	NIL
Remarks	NIL

WATE AD 2.7 SEASONAL AVAILABILITY CLEARING

Type of Clearing Equipment	Not Applicable
Clearance	NIL
Remarks	NIL

WATE AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA

APRON SURFACE AND STRENGTH

Apron	
Surface	= Asphalt
Strength	= ATR 72
Dimension	= 225 x 40 m

TAXIWAY WIDTH, SURFACE, AND STRENGTH

Taxiway A	
Surface	= Asphalt
Strength	= ATR 72
Dimension	= 31 x 38 m

Taxiway B
Surface = Asphalt
Strength = ATR 72
Dimension = 30 x 31 m
Altimeter Checkpoint Location and Elevation. Conditional (in THR, RWY or Apron)
VOR checkpoints..... Conditional (in THR, RWY or Apron)
INS checkpoints..... NIL
Remarks..... NIL

WATE AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands..... NIL
RWY and TWY markings and LGT..... Available
Stop bars..... Available
Remarks..... All aircraft shall turn on turning area

2.9.1 Aircraft Parking Stands and Coordinate.

PARKING STAND	LATITUDE	LONGITUDE	CAPACITY
1	085054.47S	1213951.80E	
2	085054.46S	1213953.06E	
3	085054.44S	1213955.60E	

WATE AD 2.10 AERODROME OBSTACLE

In Approach and Take-off Areas

No.	RWY/Area Affected	Obstacle type	Coordinate	Elevation	Markings/LGT	Remarks
	NIL	NIL	NIL	NIL	NIL	NIL

In the Circling Area and at the Aerodrome

No.	RWY/Area Affected	Obstacle type	Coordinate	Elevation	Markings/LGT	Remarks
	NIL	NIL	NIL	NIL	NIL	NIL

WATE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Associated MET Office..... Avaiable, in Airport
Hours of service MET Office outside hours... 2300 – 0900 / On Request
Office responsible for TAF preparation,
Periods of validity..... NIL
Trend forecast & Interval of issuance..... MET report for TKOF and LDG (15 minute before LDG and 10 minute before TKOF)
Briefing/ consultation provided..... NIL
Flight documentation - Language(s) used..... QAM – English

Charts and other information available for briefing or consultation..... NIL
Supplementary equipment available for providing information..... Handphone
ATS units provided with information..... NIL
Additional information (limitation of service, etc.)..... METAR and TAFOR Not Available

WATE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

1	2	3	4	5	6
Designators RWY - NR	True BRG	Dimension of RWY	Strength (PCN) and Surface of RWY and SWY	THR Coordinates	THR Elevation and Highest Elevation of TDZ of Precision APP RWY
09	088.75°	1652 x 29 m	ATR 72, Asphalt	085057.00S 1213912.00E	40 ft
27	268.75°	1652 x 29 m	ATR 72, Asphalt	085056.00S 1214006.00E	14 ft

7	8	9	10	11	12
Slope of RWY - NR	SWY Dimension	CWY Dimension	Strip Dimension	OFZ	Remarks
NIL	47 x 28 m	NIL	1817 x 40 m	NIL	RESA : (NIL)
NIL	59 x 29 m	NIL	1817 x 40 m	NIL	RESA : (NIL)

WATE AD 2.13 DECLARED DISTANCES

1	2	3	4	
RWY Designator	TORA	TODA	ASDA	LDA
09	1652 m	1652 m	1699 m	1652 m
27	1652 m	1652 m	1711 m	1652 m

WATE AD 2.14 APPROACH AND RUNWAY LIGHTING

1	2	3	4	5
RWY Designator	APCH LIGHT Type LEN	THR LGT Colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN
09	NIL	Green	NIL	NIL
27	NIL	Green	NIL	NIL

6	7	8	9	10
RWY Centerline LGT Length Spacing Colour	RWY Edge LGT LEN Spacing Colour	RWY End LGT Colour WBAR	SWY LGT LEN (m) Colour	Remarks
Available	Available	Red	B	NIL
Available	Available	Red	B	NIL

WATE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN / IBN Location, Characteristic and Hours Operation	Available, position on top Tower
2.	LDI Location and LGT Anemometer Location and LGT	Windshock 40 m from RWY Strip
3.	TWY Edge and Center Line LGT	Apron LGT: Red Rotating Beacon LGT: Red - Blue RTIL: White TWY LGT: Blue RWY Edge LGT: White - Yellow
4.	Secondary Power Supply / Switch Over Time	Standby Genset as Secondary Power 150kVa
5.	Remarks	NIL

WATE AD 2.16 HELICOPTER LANDING AREA

1.	Coordinates TLOF THR FATO	NIL
2.	TLOF and / or FATO Elevation (m / ft)	NIL
3.	TLOF and FATO Area Dimensions, Surface, Strength, Marking	NIL
4.	True Bearing and Magnetic Bearing of FATO	NIL
5.	Declared Distance Available	NIL
6.	APP and FATO Lighting	NIL
7.	Remarks	NIL

WATE AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Aroeboesman Aerodrome Traffic Zone (ATZ): A Circle with Radius of 10 NM Centered at "NDE" VOR
2.	Vertical limits (ft)	Surface up to 3000 ft msl
3.	Airspace classification	C

4.	ATS unit callsign	Aroeboesman Tower
	Language	NIL
5.	Transition	11,000 ft / FL130
6.	Remarks	NIL

WATE AD 2.18 ATS COMMUNICATION FACILITIES

1	2	3	4	5
Service Designator	Call Sign	Frequency	Hours of Operation	Remarks
TWR	Aroeboesman TWR	118.7, 118.4* MHz	2100 - 0800	*Secondary
AFS ←	Aroeboesman Radio ←	7825, 4495 kHz	2100 - 0800	NIL

WATE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

1	2	3	4	5	6	7
Type of Aids and Category	ID	Frequency	Hours of Operation	Site of Transmitting Antenna Coordinates	Elevation of DME Transmitting Antenna	Remarks
NDB	DE	350 kHz	2100-0800	NIL	NIL	U/S
DVOR DME ↑	NDE	112.9 MHz /CH-76X ↑	2100-0800	NIL	NIL	NIL

WATE AD 2.20 LOCAL TRAFFIC REGULATIONS

2.20.1 Airport regulation

- All Aircraft shall turn on turning area ←

WATE AD 2.21 NOISE ABATEMENT PROCEDURES

Reserved

WATE AD 2.22 FLIGHT PROCEDURES

2.22.1 RESPONSIBILITY of ATS

Aroeboesman Aerodrome Control Tower (TWR) is responsible for provision of Air Traffic Control Service to all controlled flight within Aroeboesman ATZ

2.22.2 ALTIMETER SETTING PROCEDURES

2.22.2.1 This ICAO altimeter-setting procedure shall be used by all aircraft operating within ATZ, QNH provided in mille-bars, in inches available on request.

2.22.2.2 Transition Altitudes 11,000 ft and Transition Level FL 130.

2.22.3 COMMUNICATION PROCEDURES

All aircraft within ATZ shall be equipped with radio capable of conducting and maintaining two ways communication.

2.22.4 VFR Flight

2.22.4.1 Flight information and alerting service will only be provided to VFR Flight operating within Haji Hasan Aroeboesman ATZ on request. VFR flight requesting the above service shall report intended action and comply with the position or as required by ATC.

2.22.4.2 No aircraft shall be operated under VFR within ATZ and prior authorization has been obtained from Approach.

2.22.5 DEPARTURE PROCEDURE

RWY 09 and 27 take off or as instructed by ATC,

2.22.6 ARRIVAL PROCEDURE

RWY 09 and 27 landing or as instructed by ATC,

2.22.7 COMMUNICATION FAILURE PROCEDURES

Aircraft radio communication failure procedures shall be in accordance with ICAO Standard and recommended practices, or:

2.22.7.1 In Visual Meteorological Condition (VMC)

a. Continue Fly in VMC
b. Fly full circuit over the Aerodrome, pilot shall endeavor to transmit blindly his position, intention, etc. so as to be monitored by Approach or any other traffic over ATZ.

2.22.7.2 In instrument Meteorological (IMC)

a. Proceed according to current Flight Plan to the appropriate designated navigation and serving Approach and when required to ensure compliance with (b) below, hold over this aid until commencement of descent.
b. Commence descent from the navigation aid specified in (a) or as close as possible to ETA as indicated in the filled flight plan and revised in accordance with current flight plan.
c. Land if possible within thirty minutes after the estimated time of arrival (ETA)

2.22.8 POSITION REPORTING PROCEDURE

Aircraft operating within or about to enter AROEBOESMAN ATZ shall report position:

a. Over ATZ Boundary.
b. Over any other point or time as instructed by ATC.

WATE AD 2.23 ADDITIONAL INFORMATION

Reserved

WATE AD 2.24 CHARTS RELATED TO THE AERODROME

- WATE AD 2.24-1, AERODROME CHART-ICAO, Dated 27 OCT 16; ←