

WAWW AD 2.1 AERODROME LOCATION INDICATOR AND NAME**WAWW - KENDARI / Haluoleo****WAWW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

ARP Coordinates and Site at AD.....	040503S 1222431E
Direction and Distance From (City).....	32 km to East
Elevation / Reference Temperature.....	164 ft / 32°C
MAG VAR / Annual Change.....	1°E (2015) ←
AD Administration.....	Airport : DGCA
	ANSP : Airnav Indonesia KPNP Kendari
Address.....	Airport : Haluoleo Airport Kendari -
	Kode Pos 93372
	ANSP : Haluoleo Airport
Telephone.....	Airport : (0401) 3121980 , 3131751
	ANSP : (0401) 3127869
Telefax.....	Airport : (0401) 3121833 , 3131751
Telex.....	NIL
E-mail.....	Airport : NIL
	ANSP :
	haluoleo@airnavindonesia.co.id
	ais.haluoleo@airnavindonesia.co.id
AFTN.....	WAWWYOYE, WAWWZTZE,
	WAWWZAZE
Type of Traffic Permitted.....	IFR and VFR
Remarks.....	NIL

WAWW AD 2.3 OPERATIONAL HOURS

AD Administration.....	MON – FRI : 2330 - 0800
Customs and Immigration.....	On Request
Health and Sanitation.....	2300 - 1200
AIS Briefing Office.....	2200 - 1200
ATS Reporting Office.....	2200 - 1200
MET Briefing Office.....	2200 - 1200
ATS.....	2200 - 1200
Fueling.....	2300 - 1200
Handling.....	2300 - 1200
Security.....	H24
De-Icing.....	NIL
Remarks.....	Extended Operating Hours On Request

WAWW AD 2.4 HANDLING SERVICE AND FACILITIES

Cargo Handling Facilities.....	Available
Fuel / Oil / Type.....	AVTUR JET A-1,
Fueling Facilities / Capacity.....	3 Vehicle / 40 kL
De-Icing Facilities.....	NIL
Hangar Space for Visiting Aircraft.....	NIL
Repair Facilities for Visiting Aircraft.....	NIL
Remarks.....	NIL

WAWW AD 2.5 PASSENGER FACILITIES

Hotels.....	In the city
Restaurant.....	In the city
Transportation.....	Taxi
Medical Facilities.....	Hospital In the city
Bank and Post Office.....	In the city
Tourist Office.....	In the city
Remarks.....	NIL

WAWW AD 2.6 RESCUE AND FIRE FIGHTING

AD Category for Fire Fighting.....	Category 7
Rescue Equipment.....	2 Unit Foam Tender type III 2 Unit Foam Tender type IV 1 Unit Foam Tender Type V 1 Unit RIV 1 Unit Comando Car 1 Unit Nurse Tender 1 Unit Ambulance 1 Unit Utility Car
Capability For Removal of Disabled Aircraft..	NIL
Remarks.....	NIL

WAWW AD 2.7 SEASONAL AVAILABILITY CLEARING

Type of Clearing Equipment.....	Not Applicable ←
Clearance.....	NIL
Remarks.....	NIL

WAWW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA**APRON SURFACE AND STRENGTH****NORTH APRON**

Surface	= Rigid
Strength	= PCN 69/R/C/X/T ←
Dimension	= 373 x 113 m

SOUTH APRON

Surface	= Asphalt
Strength	= PCN 35/F/C/X/T
Dimension	= 177 x 60 m

TAXIWAY WIDTH, SURFACE, AND STRENGTH**TAXIWAY A**

Surface	= Asphalt
Strength	= PCN 56/F/C/X/T
Dimension	= 355 x 23 m

TAXIWAY B

Surface	= Asphalt
Strength	= PCN 50/F/C/X/T
Dimension	= 355 x 23 m

TAXIWAY C	
Surface	= Asphalt
Strength	= PCN 35/F/C/X/T
Dimension	= 75 x 23 m
Altimeter Checkpoint Location and Elevation.	164 ft
VOR checkpoints.....	NIL
INS checkpoints.....	NIL
Remarks.....	NIL

WAWW 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.....	Nose in Guidance at Aircraft Stands
RWY and TWY markings and LGT.....	RWY Marking : Designation, THR, Centre line, Side Stripe, Aiming Point, Touch Down Zone, RWY End TWY Marking : Centre line, TWY edge, RWY Holding Position.
Stop bars.....	Available
Remarks.....	NIL

2.9.1 Aircraft Parking Stands and Coordinate.

PARKING STAND	LATITUDE	LONGITUDE	CAPACITY
1	040440.17S	1222501.15E	
2	040439.92S	1222502.59E	
3	040439.65S	1222504.03E	
4	040439.38S	1222505.46E	
5	040439.12S	1222506.89E	
6	040438.85S	1222508.33E	
7	040438.60S	1222427.13E	

WAWW AD 2.10 AERODROME OBSTACLE

In Approach and Take-off Areas

No.	RWY/Area Affected	Obstacle type	Coordinate	Elevation	Markings/LGT	Remarks
1	RWY 08	Antenna erected	040510.90S 1222121.15E	197 m	NIL	Distance 5810 m from Stopway RWY 08 bearing 270°

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

WAWW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Associated MET Office.....	MET office of IAF
Hours of service MET Office outside hours...	2200 - 1200 ←
Office responsible for TAF preparation,	
Periods of validity.....	NIL
Trend forecast & Interval of issuance.....	QAM / 30 min
Briefing/ consultation provided.....	Personal Consultation, Telephone
Flight documentation - Language(s) used....	Abbreviating Plain Language Text - English
Charts and other information available for briefing or consultation.....	Available
Supplementary equipment available for providing information.....	NIL
ATS units provided with information.....	Halu oleo TWR, Kendari APP
Additional information (limitation of service, etc.).....	Telephon Number : (0401) 3127862

WAWW 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
08	079.34°	2500 x 45 m	44/F/C/X/T, Asphalt	040500.95S 1222431.13E	NIL
26	259.34°	2500 x 45 m	44/F/C/X/T, Asphalt	040446.61S 1222550.93E	130 ft

7	8	9	10	11	12
Slope of RWY - NR	SWY Dimension	CWY Dimension	Strip Dimension	OFZ	Remarks
1 %	60 x 45 m	150 x 150 m	2670 x 300 m	NIL	RESA 08: 90 X 90 m
1.5 %	60 x 45 m	150 x 150 m	2670 x 300 m	NIL	RESA 26: 90 X 90 m

WAWW AD 2.13 DECLARED DISTANCES

1	2	3	4	5
RWY Designator	TORA	TODA	ASDA	LDA
08	2500 m	2650 m	2560 m	2500 m
26	2500 m	2650 m	2560 m	2500 m

WAWW 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
08	NIL	Green	PAPI	NIL
26	NIL	Green	PAPI	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
NIL	Double	Red	NIL	NIL
White	Spacing 60 CM White	Red	NIL	NIL

WAWW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN / IBN Location, Characteristic and Hours Operation	Available
2.	LDI Location and LGT Anemometer Location and LGT	Available
3.	TWY Edge and Center Line LGT	TWY Edge Light Available
4.	Secondary Power Supply / Switch Over Time	3 Units 125 kVA / 5 Sec
5.	Remarks	NIL

WAWW 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

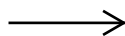
6.	APP and FATO Lighting	NIL
7.	Remarks	NIL

WAWW AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Kendari (CTR): A Circle with Radius 30 NM Centered at "KDI" VOR/DME (04 04 32.29 S 122 27 10.75 E Haluoleo (ATZ): A Circle with radius 10 NM Centered At "KDI" VOR/DME (04 04 32.29 S 122 27 10.75 E)
2.	Vertical limits (ft)	CTR : SFC up to 10.000 ft ATZ : SFC up to 4.000 ft
3.	Airspace classification	CTR : C ATZ : C
4.	ATS unit callsign	CTR : Kendari Approach ATZ : Haluoleo Tower
	Language	English
5.	Transition	11.000 ft / FL130
6.	Remarks	NIL

WAWW AD 2.18 ATS COMMUNICATION FACILITIES

1	2	3	4	5
Service Designator	Call Sign	Frequency	Hours of Operation	Remarks
APP	Kendari Approach	119.6 MHz	2300 - 1200	
TWR	Haluoleo Tower	122.2 MHz	2300 - 1200	
SSB	NIL	9055, 9062.5 kHz	NIL	
ATIS	NIL	127.1 MHz	2300 - 1200	NIL

**WAWW 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
VOR/DME	KDI	115.0 MHz / CH-97X	2300 - 1200	040432.3S 1222710.8E	NIL	VOR/DME Classified
NDB	NI	215 kHz	2300 - 1200	040511.4S 1222440.9E	NIL	Restricted within area radial : 240 – 60 CCW BLW 10.000 ft beyond 40 nm due to adequate signal are not provided

WAWW AD 2.20 LOCAL TRAFFIC REGULATIONS**2.20.1 Airport regulation**

Aerodrome Traffic Circuit Procedures

Take off and landing

- a. Runway 08 take off and landing normal circuit or as instructed by ATC.
- b. Runway 26 take off and landing right hand circuit or as instructed by ATC.

WAWW AD 2.21 NOISE ABATEMENT PROCEDURES

Reserved

WAWW AD 2.22 FLIGHT PROCEDURES**2.22.1 RESPONSIBILITY of ATS**

Approach Control Unit (APP) is responsible for the provision of Air Traffic Control Service to all controlled flight within TMA / CTR

2.22.2 ALTIMETER SETTING PROCEDURES

1. This ICAO altimeter-setting procedure shall be used by all aircraft operating within TMA and CTR, QNH provided in mili-bars, in inches available on request.
2. Transition Altitudes 11,000 feet, Transition Level FL130.

2.22.3 COMMUNICATION PROCEDURES

All aircraft within TMA and CTR shall be equipped with radio capable of conducting and maintaining two way communications.

2.22.4 VFR Flight

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

2.No aircraft shall be operated under VFR within TMA and or CTR and prior authorization has been obtained from Approach.

2.22.5 DEPARTURE PROCEDURE

Departing aircraft shall follow the Standard Instrument Departure (SID) or as instructed by ATC.

2.22.6 ARRIVAL PROCEDURE

5.1 STAR Arriving aircraft shall follow the Standard Instrument Arrival 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:

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 TMA or and CTR.
2. In instrument Meteorological Condition (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 a 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 INSTRUMENT APPROACH PROCEDURE

1. IAP Coding Table RWY 26 RNAV (GNSS) CAT A/B/C/D

Path Terminator	Waypoint Name	Fly Over	Course / Track T° (M°)	Turn Direction	Level Constraint	Speed Constraint (knot)	Co-ordinates	Remark and Distance
IF	SAMBU				4000'		040218.85S 1224000.15E	
TF	WW402		260 (259)		3200'		040249.73S 1223702.61E	3 NM
TF	WW403		260 (259)		2200'		040341.81S 1223206.69E	5 NM
TF	WW404 (MAPt)	Y	260 (259)		570'		040432.29S 1222710.75E	5 NM
DF	WW405			R			035912.68S 1223127.99E	

TF	SAMBU		110 (109)		4000'		040218.85S 1224000.15E	9.1 NM
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2.22.9 POSITION REPORTING PROCEDURE

Aircraft operating within or about to enter TMA and or CTR shall report position:

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

WAWW AD 2.23 ADDITIONAL INFORMATION

Reserved

WAWW AD 2.24 CHARTS RELATED TO THE AERODROME

- WAWW AD 2.24-1, AERODROME CHART - ICAO, Dated 15 DEC 17; ←
- WAWW AD 2.24-7A, STANDARD INSTRUMENT DEPARTURE CHART (SID) - ICAO RWY 08, Dated 07 JAN 16;
- WAWW AD 2.24-7B, STANDARD INSTRUMENT DEPARTURE CHART (SID) - ICAO RWY 26, Dated 07 JAN 16;
- WAWW AD 2.24-9, STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO RWY 26, Dated 07 JAN 16;
- WAWW AD 2.24-10A, IAC - ICAO NDB RWY 26 CAT A/BC, Dated 07 JAN 16;
- WAWW AD 2.24-11A, IAC - ICAO VOR/DME RWY 26 CAT A/B/CD, Dated 07 JAN 16;
- WAWW AD 2.24-11B, IAC - ICAO RNAV (GNSS) RWY 26 CAT A/B/CD, Dated 15 SEP 16;