

WAFF AD 2.1 AERODROME LOCATION INDICATOR AND NAME**WAFF - PALU / Mutiara SIS Al-jufri ←****WAFF AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

ARP Coordinates and Site at AD.....	005459S 1195423E
Direction and Distance From (City).....	4 NM SE
Elevation / Reference Temperature.....	284 ft / 35°C
MAG VAR / Annual Change.....	0° E (2015) ←
AD Administration.....	D.G.C.A
Address.....	Mutiara SIS Al Jufri Airport ←
	Jl. Abd. Rahman Saleh, Palu
	Sulawesi Tengah 94121
Telephone.....	(0451) 481702, 487222
Telefax.....	(0451) 481087
Telex.....	NIL
E-mail.....	NIL
AFTN.....	WAMLYFYX, WAMLZTZE
Type of Traffic Permitted.....	IFR/VFR
Remarks.....	NIL

WAFF AD 2.3 OPERATIONAL HOURS

AD Administration.....	SUN – FRI 2300 – 0730
	AD Operational : 2200 - 1600
Customs and Immigration.....	On Request
Health and Sanitation.....	2300 - 0730
AIS Briefing Office.....	2200 - 1600
ATS Reporting Office.....	2200 - 1600
MET Briefing Office.....	2200 - 1600
ATS.....	2200 - 1600
Fueling.....	2200 - 1600
Handling.....	2200 - 1600
Security.....	H24
De-Icing.....	Not Applicable
Remarks.....	NIL

WAFF AD 2.4 HANDLING SERVICE AND FACILITIES

Cargo Handling Facilities.....	Available
Fuel / Oil / Type.....	AVTUR
Fueling Facilities / Capacity.....	Hydrant system by engine pump and mobile refueled
De-Icing Facilities.....	Not Applicable
Hangar Space for Visiting Aircraft.....	NIL
Repair Facilities for Visiting Aircraft.....	NIL
Remarks.....	NIL

WAFF AD 2.5 PASSENGER FACILITIES

Hotels.....	In the city
Restaurant.....	Available
Transportation.....	Available
Medical Facilities.....	In the city

Bank and Post Office.....	Available
Tourist Office.....	Available
Remarks.....	NIL

WAFF AD 2.6 RESCUE AND FIRE FIGHTING

AD Category for Fire Fighting.....	Category 7
Rescue Equipment.....	3 Unit Foam tender Type IV 1 Unit Foam Tender Type II 1 Unit Rescue Tender Type IV 1 unit Commando Car 2 Unit Ambulance 1 unit Water Tank 5000 L All Personal Licensed
Capability For Removal of Disabled Aircraft..	NIL
Remarks.....	NIL

WAFF AD 2.7 SEASONAL AVAILABILITY CLEARING

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

WAFF AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA**APRON SURFACE AND STRENGTH****OLD APRON**

Surface	= ASPHALT CONCRETE
Strength	= PCN 50 F/X/C/T ←
Dimension	= 323 X 78M

NEW APRON

Surface	= RIGID
Strength	= PCN 70 R/X/C/T ←
Dimension	= 260 X 77,5M

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

Width	= 23 m
Surface	= Asphalt Concrete
Strength	= PCN 50 F/X/CT ←

TAXIWAY B

Width	= 23 m
Surface	= Asphalt Concrete
Strength	= PCN 48 F/X/C/T ←

Altimeter Checkpoint Location and Elevation.	NIL
VOR checkpoints.....	NIL
INS checkpoints.....	NIL
Remarks.....	NIL

WAFF 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..... Marking :
RWY Designation, THR, RWY Centerline, RWY Side Strip, Aiming Point, Nose Wheel Guidance, Touch Down Zone, TWY marking

Lighting :

RWY, Approach Light, REIL, THR/RWY End, TWY, Apron Edge, Flood Light. ←

Stop bars..... Available / marking

Remarks..... NIL

WAFF 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

WAFF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Associated MET Office..... AD Meteorological and Geophysical Office Mutiara Station

Hours of service MET Office outside hours... H24

Office responsible for TAF preparation,

Periods of validity..... NIL

Trend forecast & Interval of issuance..... QAM / 1 Hour

Briefing/ consultation provided..... MET report for TKOF and LDG

Flight documentation - Language(s) used.... PL - English

Charts and other information available for briefing or consultation..... Available

Supplementary equipment available for providing information..... NIL

ATS units provided with information..... TWR, APP ←

Additional information (limitation of service, etc.)..... NIL

WAFF AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

1	2	3	4	5	6
Designators RWY - NR	True & MAG 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
15	155	2250 x 45 m	50 F/C/X/T, Asphalt Concrete	005430.77S 1195418.77E	282 ft
33	335	2250 x 45 m	50 F/C/X/T, Asphalt Concrete	005537.59S 1195448.49E	NIL

7	8	9	10	11	12
Slope of RWY - NR	SWY Dimension	CWY Dimension	Strip Dimension	OFZ	Remarks
NIL	60 x 45 m 60 x 45 m	NIL NIL	2370 x 300 m 2370 x 300 m	NIL NIL	NIL

WAFF AD 2.13 DECLARED DISTANCES

1	2	3	4	5
RWY Designator	TORA	TODA	ASDA	LDA
15	2250 m	2250 m	2310 m	2250 m
33	2250 m	2250 m	2310 m	2250 m

WAFF 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
15	NIL	Green	PAPI	NIL
33	MALS	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	60 m, White	Red	NIL	NIL

NIL	60 m, White	Red	NIL	NIL
-----	-------------	-----	-----	-----

WAFF 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	NIL
3.	TWY Edge and Center Line LGT	Available
4.	Secondary Power Supply / Switch Over Time	250 KVA/10 Seconds
5.	Remarks	NIL

WAFF 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

WAFF AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Mutiara (ATZ): A circle with a radius of 10NM centered at "PAL" VOR/DME Palu (CTR): A circle with radius of 30NM centered at "PAL" VOR/DME
2.	Vertical limits (ft)	GND/WATER Up to 4000ft GND/WATER Up to FL120
3.	Airspace classification	C
4.	ATS unit callsign	Mutiara Tower Palu Approach
	Language	English
5.	Transition	11,000 ft/FL130
6.	Remarks	NIL

WAFF AD 2.18 ATS COMMUNICATION FACILITIES

1	2	3	4	5
Service Designator	Call Sign	Frequency	Hours of Operation	Remarks
TWR	MutiaraTower	118.7 MHz	2200 - 1600	TWR COOR: 00 5500.23 S 1195423.57 E
APP	Palu Approach	123.0, 125.8* MHz	2200 - 1600	*Secondary

WAFF 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	PAL	116.2 MHz / CH-109X	H24 ←	005306.0S 1195341.0E	NIL	VOR/DME 'PAL' freq 116.2 MHz /CH-109x Classified Restricted due to Terrain Condition in the Following Areas : -RDL 340 CCW 320 Beyond 40NM Below 3000ft - RDL 320 CCW 280 Beyond 40NM Below 12000ft - RDL 280 CCW 200 Beyond 40NM Below 22000ft - RDL 200 CCW 130 Beyond 40NM Below 19000ft - RDL 130 CCW 080 Beyond 40NM Below 15000ft - RDL 080 CCW 030 Beyond 40NM Below 12000ft -RDL 030 CCW 340 Beyond 40NM Below 15000ft
NDB	OP	270 kHz	H24	005502.9S 1195417.1E	NIL	NIL

WAFF AD 2.20 LOCAL TRAFFIC REGULATIONS*Reserved***WAFF AD 2.21 NOISE ABATEMENT PROCEDURES***Reserved***WAFF AD 2.22 FLIGHT PROCEDURES****2.22.1 FLIGHT TRAINING PROCEDURE**

- Possible light turbulence in approach runway 33

WAFF AD 2.23 ADDITIONAL INFORMATION

- Bird hazard and animals on final runway 33
- All ACFT are not permitted to make single wheel lock turn on the RWY, make 180 turn at turning area

WAFF AD 2.24 CHARTS RELATED TO THE AERODROME

- WAFF AD 2.24-1, AERODROME CHART-ICAO, dated 15 DEC 17; ←
- WAFF AD 2.24-9, STANDARD ARRIVAL CHART - INSTRUMENT (STAR)- ICAO RWY 15, dated 02 APR 2015;
- WAFF AD 2.24-7, STANDARD DEPARTURE CHART-INSTRUMENT (SID) -ICAO RWY 33, dated 02 APR 2015;
- WAFF AD 2.24-11, INSTRUMENT APPROACH CHART (IAC)-ICAO VOR/DME RWY 15 CAT A/B/C/D, dated 02 APR 2015;

This page is intentionally left blank