

Garuda Indonesia



ARMI

(Airport and Route Manual Information)

KENDARI WAWW / KDI

DOMESTIC

I. Airport Data

Name	ICAO	IATA	ARP	Magnetic Variation	Airport Elevation (Feet)	Local time (UTC +/-)
Halu Oleo Airport	WAWW	KDI	S 04°05.1' E122°24.5'	2°E	164	+ 8

Runways designator	length	strength	VASIS	RWY Elev
RWY 08-26	7382 x 148 ft (2250 x 45 m)	Asphalt Concrete PCN 37 F/A/X/T	PAPI RWY 08 : 3° RWY 26 : 3°	RWY 08 : 164 ft RWY 26 : 120 ft

II. Communication & Navigation Aids facilities

APP Kendari Approach	119.6
TWR Haluoleo Tower	122.2
SSB	9055, 9062.5

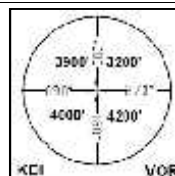
VOR/DME	KDI	115.0
NDB	NI	215

III. Airport location

- 13 NM South West of city of KENDARI
- For Civil operation
- Operating hours: 23.00-12.00 z.

IV. Minimum Safe / Sector Altitude (MSA)

The highest MSA are 3200 ft (R360-090), 4200 ft (R090-180), 4000 ft (R180-270), 3900ft (R270-360) based on “KDI” VOR.



V. Climate / Weather Condition

Rain average FEB – JUL 220 mm/ ± 17 days, AUG – JAN 104 mm/± 8 Days per-month. Average Max temp. 32°C. Min 19°C. Average pressure 29.8 inch. Wind: JAN to JUN West-wind, JUL Variable, AUG to NOV East-wind. DEC. Variable speed 3-16 knots.

VI. Ground/ Taxi maneuvering

- Follow Yellow Guideline & instructed by MARSHALLER
- Pushback car required.

VII. Parking

- Kendari have a limited apron, so manage the parking position; which can give way to other traffic.

VIII. Ground Handling & Agents

PT. GLOBAL SKY AVIASI
TELP/FAX : 0401-3131-687
ADDRES :Gedung Perkantoran No. 3
Terminal Bandara Halu oleo-Kendari

IX. Servicing

- PERTAMINA
- AES Facilities CAT.VI

X. Medical Facilities

- Ambulance at field
- Hospitals in Town.

XI. Accommodation

- Hotels in Town.

XII. Immigration Procedures

- Available.

XIII. Entry Procedures - Arrival Procedures

STANDARD ARRIVAL ROUTES (STAR)

- No STAR

XIV. Departure procedures and conditions from Kendari

STANDARD INSTRUMENT DEPARTURE (SID) RWY 08

LAMIN DEPARTURE 1A	Take Off Rwy 08 maintain Rwy heading until 2000' turn LEFT to Intercept RDL 006 "KDI" VOR/DME and proceed to LAMIN
RALTO DEPARTURE 1A	Take Off Rwy 08 maintain Rwy heading until 2000' turn RIGHT to Intercept RDL 082 "KDI" VOR/DME and proceed to RALTO
MILAT DEPARTURE 1A	Take Off Rwy 08 maintain Rwy heading until 2000' turn LEFT to Intercept RDL 257 "KDI" VOR/DME and proceed to MILAT

XV. Search and Rescue

- In general, Search and Rescue procedures are in conformity with the Standards, Recommended Practices and Procedures contain in ICAO.
- The following Emergency / distress frequencies are provided:
 - a. VHF – 121.5 MHz.
 - b. UHF – 243.0 MHz.
 - c. HF – 500 kHz, 2.182 kHz, 8.364 kHz.

XVI. ATC Flight plans routes and distances

WIII – WAAA – WAWW (CGK – UPG – KDI)

WIII - WAAA R 01

WIII ... GL ... HLM2G ...HLM...KASAL ...W 45 ...CA ...PIALA ...ANY ...W52 ...LASEM ... SIPUT...SOLOM...GUANO...OVINA ... ECHO ...00MK5 ...MK60C ...MKS...WAAA. Distance 808 NM

WAAA – WAWW R 01

WAAA ... MILA1B ... MKS ... MILA1B ... MILAT ... W54 ... KDI ... KDI078 ... KDI060 ... KDI ... WAWW. Distance 232 NM

Enroute Mora CGK – UPG

The highest MSA at CENGKARENG are 4,500 ft to South and 2,000 ft to the North based on CL, CR, GL, GR NDB, the Highest Grid Mora On this Route is 13.500 ft from point KASAL to PIALA and The highest MSA at U. Pandang are 10.500 ft to Southwest, 3000 ft to Northwest and 7600 ft to Northeast based on MKS VOR/DME or OR NDB.

Enroute Mora UPG – KDI

The highest MSA at U. Pandang are 10.500 ft to Southwest, 3000 ft to Northwest

and 7600 ft to Northeast based on MKS VOR/DME or OR NDB, and The highest MSA at Kendari are 3.600 ft to Southwest, 3.500 ft to East, 5.000 ft to Northwest based on KDI VOR/DME or NI NDB.

WAWW – WAAA – WIII (KDI – UPG – CGK)

WAWW – WAAA R01

WAWW ... KDI ... W41 ... MILAT ... MILA1D ... EDARI ... PUNGO ... WAAA.
Distance 199 NM.

WAAA – WIII R01A

WAAA...MK30J...OVIN1B...OVINA...W52...GUANO...SOLOM...SIPUT...W13...
CUCUT...M766...MADIN...KIDET...IMU...ESALA...DKI28...DKI42...CGK9...CG
K2...GL...WIII. Distance 822 NM

Enroute Mora KDI – UPG

The highest MSA at Kendari are 3.600 ft to Southwest, 3.500 ft to East, 5.000 ft to Northwest based on KDI VOR/DME or NI NDB. The highest MSA at U. Pandang are 10.500 ft to Southwest, 3000 ft to Northwest and 7600 ft to Northeast based on MKS VOR/DME or OR NDB.

Enroute Mora UPG – CGK

The highest Grid Mora is 13.600 ft from point MADIN to IMU, and The highest MSA at CENGKARENG is 4,500 ft to South and 2,000 ft to the North based on CL, CR, GL, GR NDB.

XVII. ALTERNATE

Destination	Alternate	Loc.	Ind.	B737 classic	B737 NG	TT	NM	Ground Handling
Kendari WAWW/ KDI	U. Pandang	WAAA	UPG	+	+	251	181	PT. GAPURA
	Menado	WAMM	MDC	+	+	024	368	PT. GAPURA
	Gorontalo	WAMG	GTO	+	-	005	283	KSU KOPERDJAL

Note: refer to MISCELLANEOUS DOMESTIC 3.3.3 Destination Alternate List

+ : alternate airport adequate for indicated aircraft type

- : alternate airport NOT adequate for indicated aircraft type

U. Pandang

Alternate Flight plan route and distance

WAWW – WAAA R01

WAWW ... KDI ... W41 ... MILAT ... MILA1D ... EDARI ... PUNGO ... WAAA.
Distance 543 NM.

Enroute Mora KDI – UPG

The highest MSA at Kendari are 3.600 ft to Southwest, 3.500 ft to East, 5.000 ft to Northwest based on KDI VOR/DME or NI NDB and the highest MSA at U. Pandang are 10.500 ft to Southwest, 3000 ft to Northwest and 7600 ft to Northeast based on MKS VOR/DME or OR NDB.

Manado

Alternate Flight plan route and distance

- *Open*

Gorontalo

Alternate Flight plan route and distance

- *Open*

XVIII. Remarks

- Antenna 131', 820' (250m) south of RWY.
- Take off Rwy 08, Landing Rwy 26, due to very hill area in vicinity of Airpot.
- If take off from Rwy 26, turn RIGHT immediately to 280°
- When flying to UPG, due to no direct speech facilities, maintain 12000', then contact 127.5 for further
- Turning area RWY 26 available, position 492' (150m) from the beginning of RWY 26.

FLIGHT OPERATION

Notice To : Pilot B737
Nr : 013/12
Subject : **VOR RWY 26 KENDARI**
(KDI / WAWW)

Date : 20 Juni 2012

Yth. Rekan-rekan penerbang B737,


Kami sampaikan bahwa approach chart untuk VOR RWY 26 KENDARI menggunakan Garuda Chart VOR RWY 26 issued 22 Desember 2011 Effective Date 24 Desember 2011. **Apabila masih ditemukan adanya approach chart untuk VOR RWY 26 KENDARI yang dikeluarkan oleh Jeppesen, harap untuk tidak dipergunakan.**

Dari hasil analisa dan evaluasi oleh unit Navigasi, maka VOR RWY 26 KENDARI dilaksanakan sebagai berikut:

1. Referensi untuk distance point T dan point D menggunakan DME dari KDI VOR yaitu pada 11 DME (informasi timing 2 menit agar diabaikan).
2. Adjust Bank Angle saat intercepting Final Course agar point D dapat di intercept dengan tepat.

Demikian kami sampaikan, atas perhatiannya kami ucapkan terima kasih dan selamat terbang.

Hormat kami,
PT. GARUDA INDONESIA (Persero) Tbk.
CHIEF PILOT B737



CAPT. G. SUDJATMIKO