



# **KENDARI (INDONESIA)**

## **HALUOLEO AIRPORT ( WAWW / KDI )**

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**Eff : November 2016**



## Location of Kendari City

<b>Country</b>	: Indonesia
<b>Type</b>	: Public
<b>Operator</b>	: DGCA
<b>ARP</b>	: S04° 50.3' E 122° 24.31'
<b>ATS Comm Facility</b>	: ADC
<b>Airport Elevation</b>	: 164 feet
<b>Runway Designation</b>	: RWY 08 - 26
<b>Dimension</b>	: 2500 X 45 m (8202 X 148 ft)
<b>Surface</b>	: Asphalt
<b>Strength</b>	: 44 F/C/X/T
<b>Operation Hours</b>	: 23.00 – 12.00 UTC
<b>Rescue &amp; FF Srvc</b>	: Cat VII
<b>Time Conversion</b>	: UTC + 8

<b>APPROACH</b>	<b>:</b> 119.6 MHz “Kendari Approach”
<b>TOWER</b>	<b>:</b> 122.2 MHz “Haluoleo Tower”
<b>SSB</b>	<b>:</b> 9055, 9062.5 KHz
<b>ATIS</b>	<b>:</b> 127.1 MHz

<b>VOR DME</b>	<b>:</b> 115.0 MHz	<b>“KDI”</b>
<b>NDB</b>	<b>:</b> 215 KHz	<b>“NI”</b>

### AIRPORT REGULATIONS

#### Aerodrome Traffic Circuit Procedures Take-off & Landing

- a) Rwy 08 Take-off and Landing normal circuit or as instructed by ATC.
- b) Rwy 26 Take-off and Landing right hand circuit or as instructed by ATC

### DEPARTURE PROCEDURES

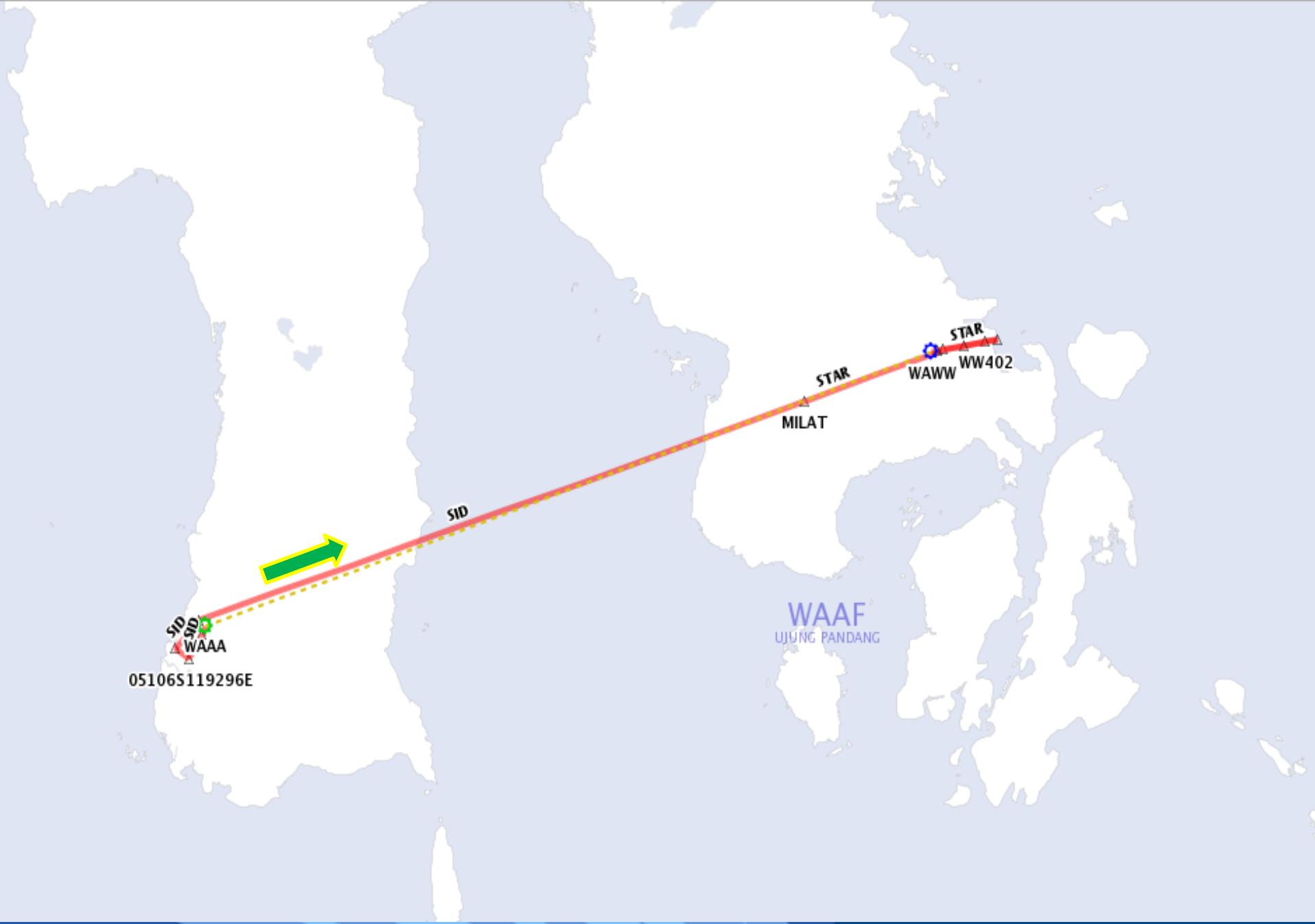
Departing aircraft shall follow the Standard Instrument Departure (SID) or as instructed by ATC.

### ARRIVAL PROCEDURES

Arriving aircraft shall follow the Standard Instrument Arrival (STAR) or as instructed by ATC.



**ATTENTION FOR WEATHER CHARACTERISTIC,  
SPECIALY MONTH OCTOBER - MARCH**



En route WAAA – WAWW, Distance 233NM, G/C 180NM



Inbound track to WAWW (EAST), Proceed to MILAT

**WAWW/KDI**  
HALU OLEO

**JEPPESEN**

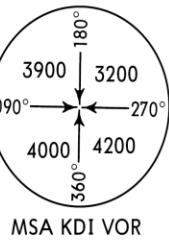
**KENDARI, INDONESIA**  
**STAR**

26 JAN 18 (10-2)

Eff 1 Feb

Trans level: FL130

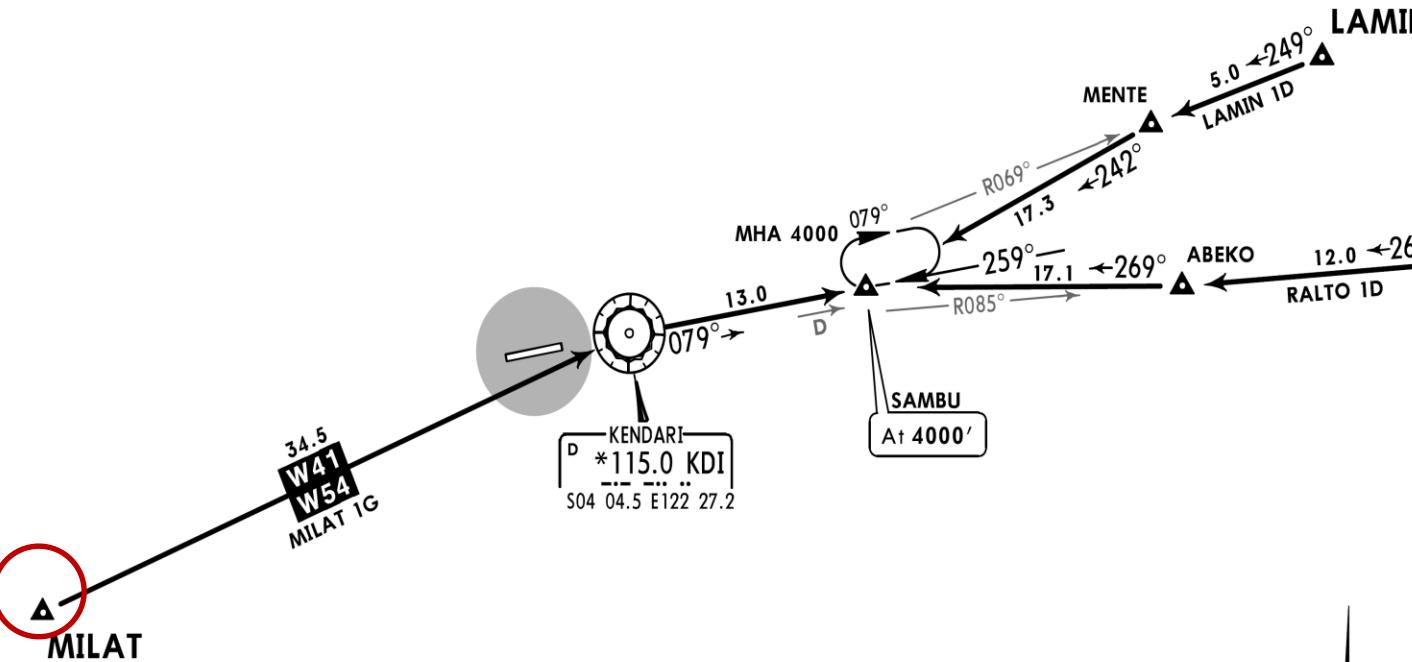
Trans alt: 11000'



**LAMIN 1D [LAMI1D], MILAT 1G [MILA1G]**  
**RALTO 1D [RALT1D]**  
**ARRIVALS**  
**RWY 26**



NOT TO SCALE



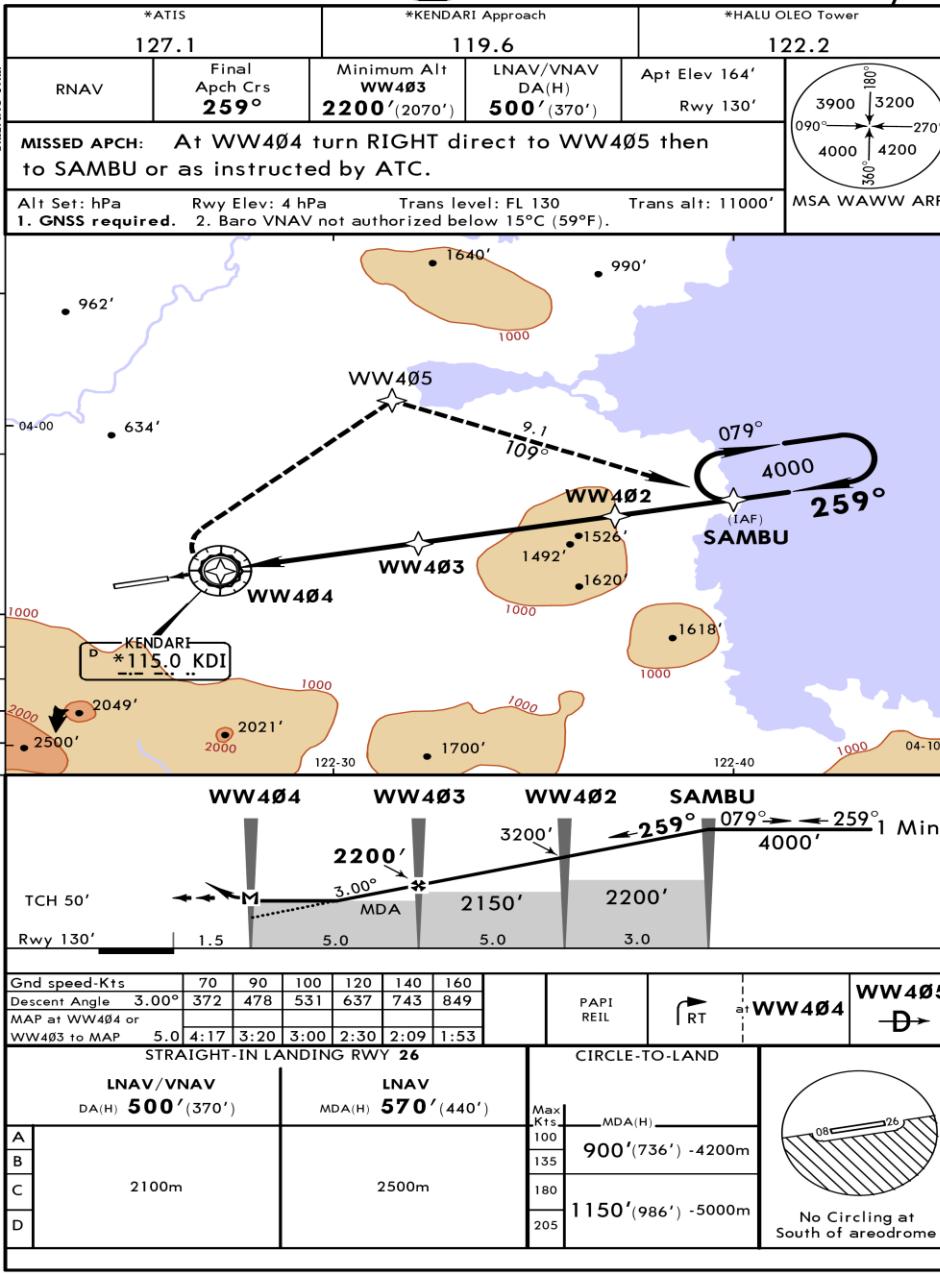
STAR	ROUTING
LAMIN 1D	Arrival from LAMIN at MENTE, turn LEFT, track 242° to SAMBU at 4000'.
MILAT 1G	Arrival from MILAT to KDI VOR, turn RIGHT, KDI R-079 to SAMBU at 4000'.
RALTO 1D	Arrival from RALTO at ABEKO, turn RIGHT, track 269° to SAMBU at 4000'.

**STAR, Proceed to MILAT**

WAWW/KDI  
HALU OLEO

JEPPESEN  
26 JAN 18 (12-1) Eff 1 Feb

KENDARI, INDONESIA  
RNP Rwy 26

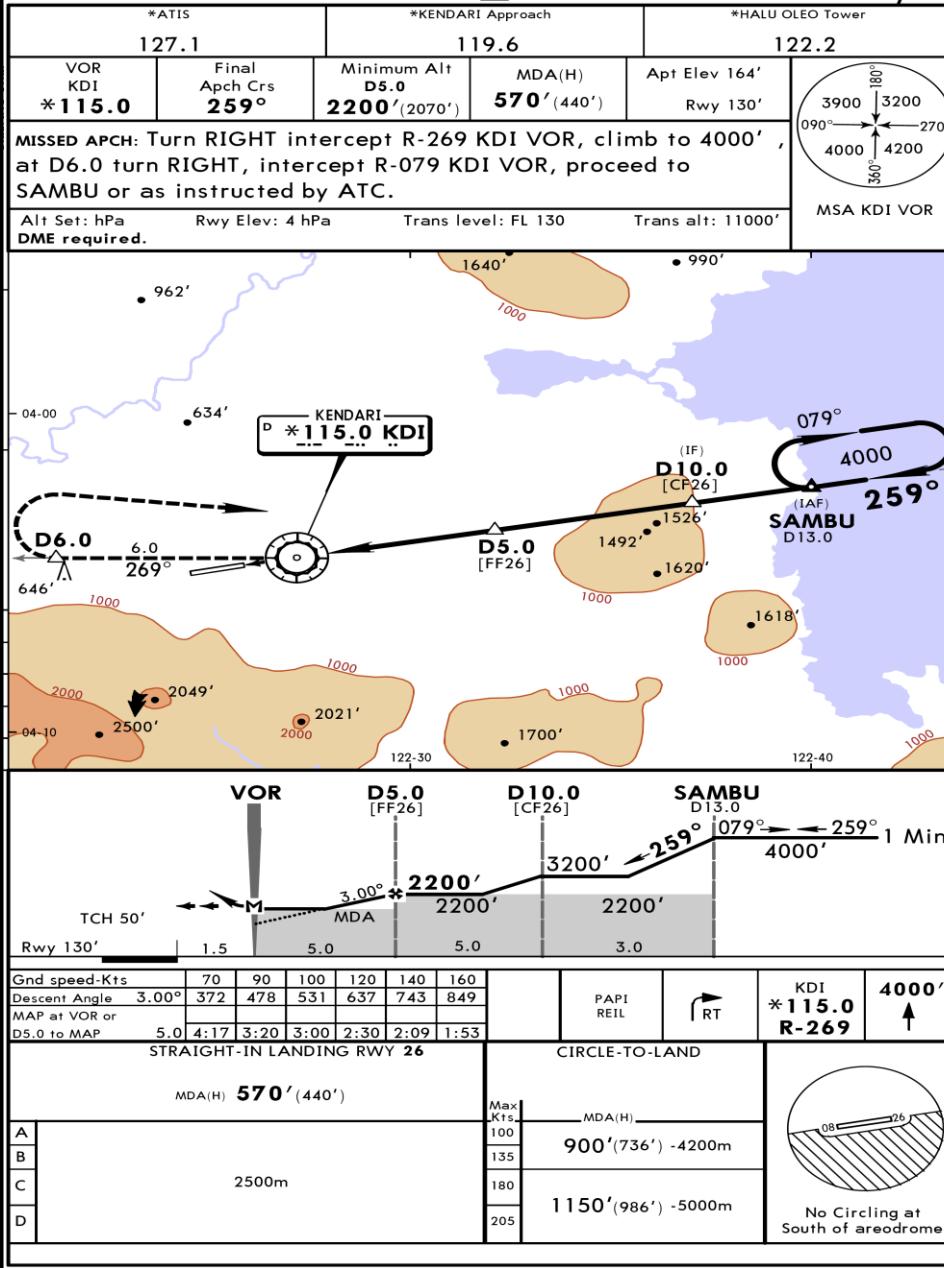


## RNAV (GNSS) Rwy 26

WAWW/KDI  
HALU OLEO

JEPPESEN  
26 JAN 18 13-1 Eff 1 Feb

KENDARI, INDONESIA  
VOR Rwy 26

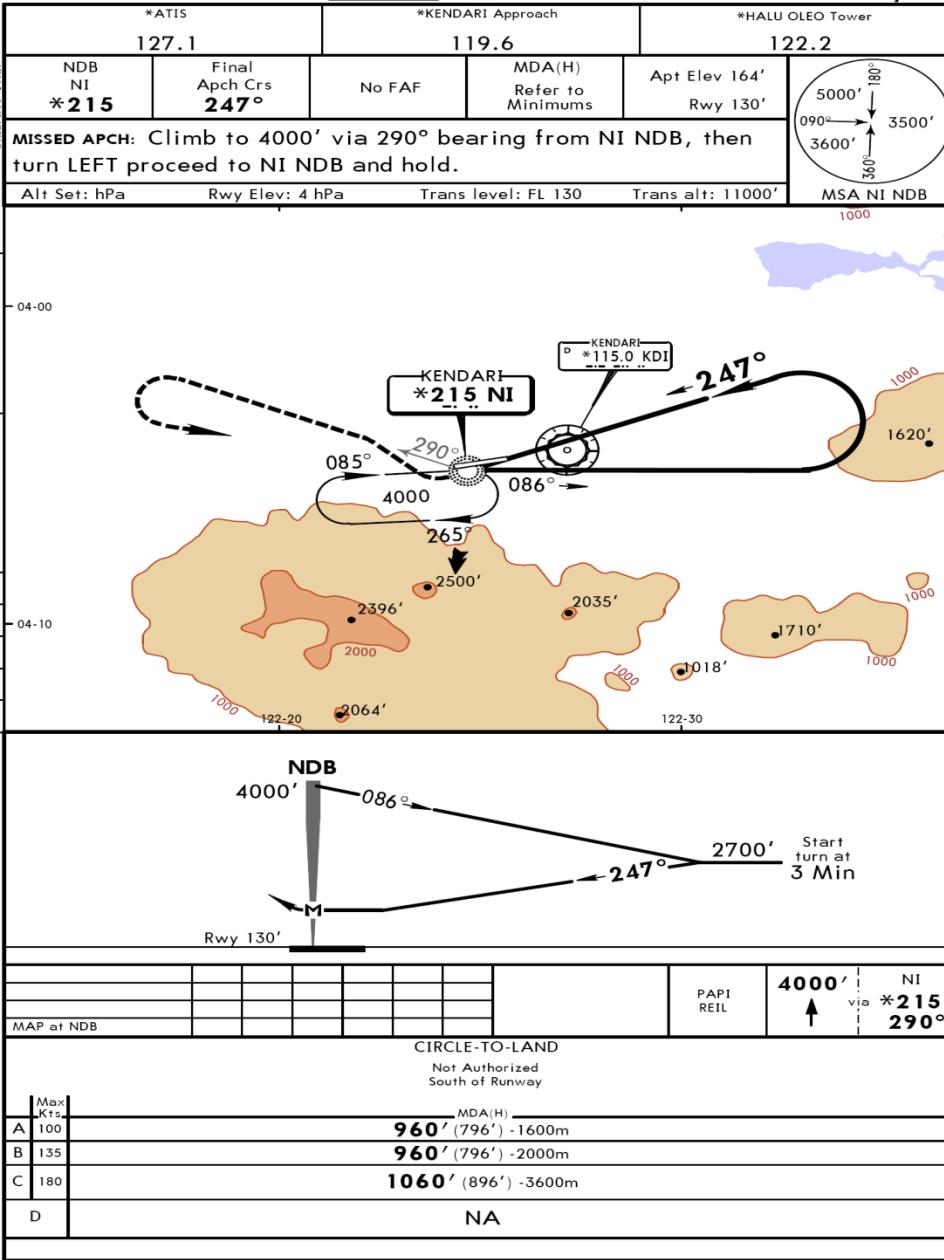


## VOR DME Rwy 26

WAWW/KDI  
HALU OLEO

JEPPESSEN  
26 FEB 16 (16-1)  
Eff 3 Mar

KENDARI, INDONESIA  
CAT A, B & C  
NDB Rwy 26



NDB Rwy 26 Cat A & B

WAWW/KDI  
Apt Elev 164'  
S04 05.1 E122 24.5

JEPPESSEN  
12 JAN 18 (10-9)

KENDARI, INDONESIA  
HALU OLEO

# LANDING CHART

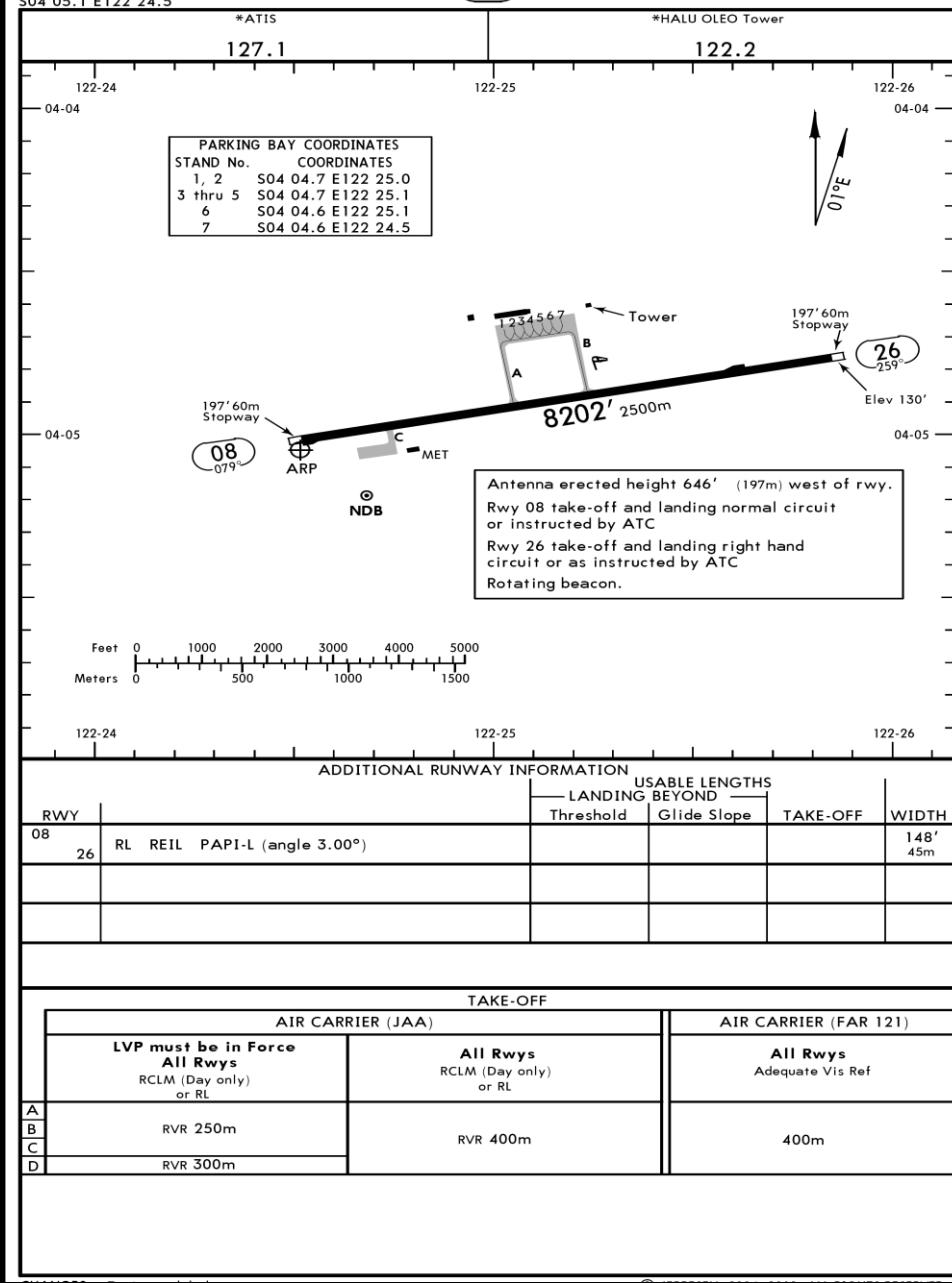




Image © 2016 CNES / Astrium

## The Airport and Designator Runway



Image © 2016 CNES / Astrium

## Terminal, Apron & Taxiway

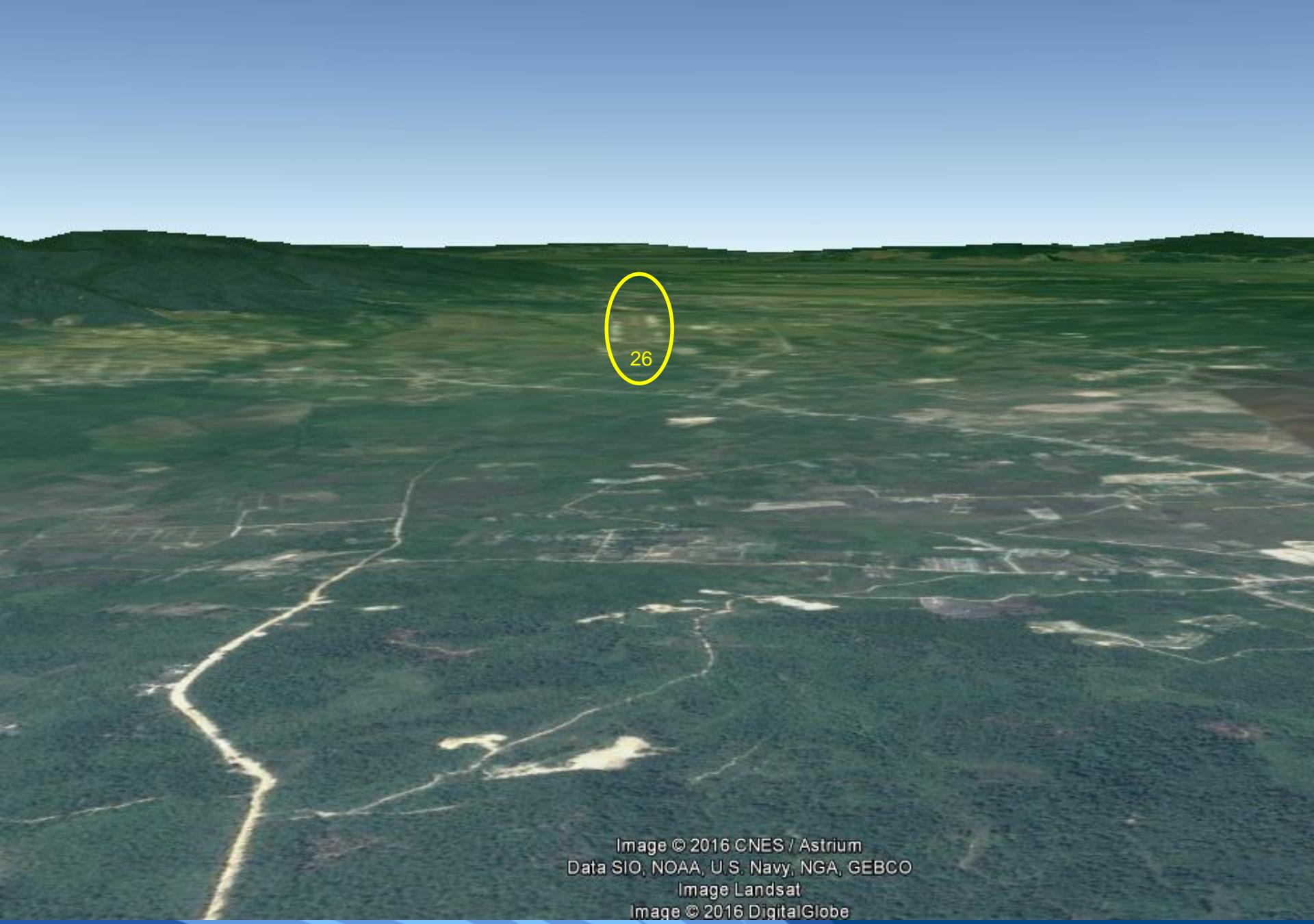


Image © 2016 CNES / Astrium  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
Image Landsat  
Image © 2016 DigitalGlobe

## Inbound Rwy 26 and Surrounding Area



Image © 2016 CNES / Astrium

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Image Landsat

Image © 2016 DigitalGlobe

Final Approach Rwy 26 and Surrounding Area

Garuda Indonesia

An aerial photograph showing a runway threshold from a low altitude. The runway is dark grey with white center and edge markings. A crosswalk with white stripes is visible at the end. The surrounding area is a mix of green fields and brown earth. In the distance, a small, light-colored rectangular building is labeled "Terminal".

Terminal

Image © 2016 CNES / Astrium  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
Image Landsat  
Image © 2016 DigitalGlobe

## Threshold Rwy 26 and Surrounding Area



Rwy 26 Arrival



Rwy 26 Arrival



Rwy 26 Arrival



Rwy 26 Arrival

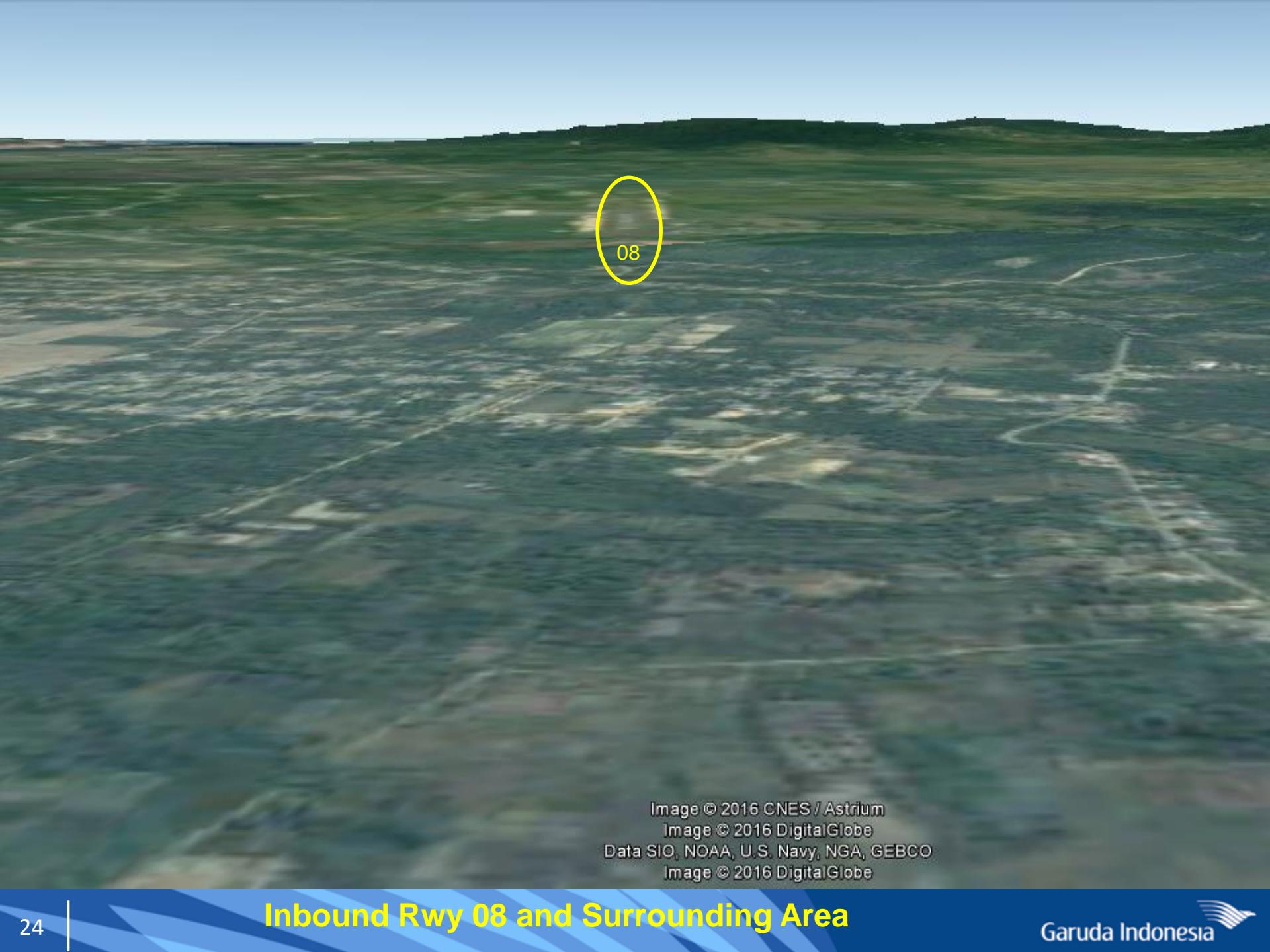


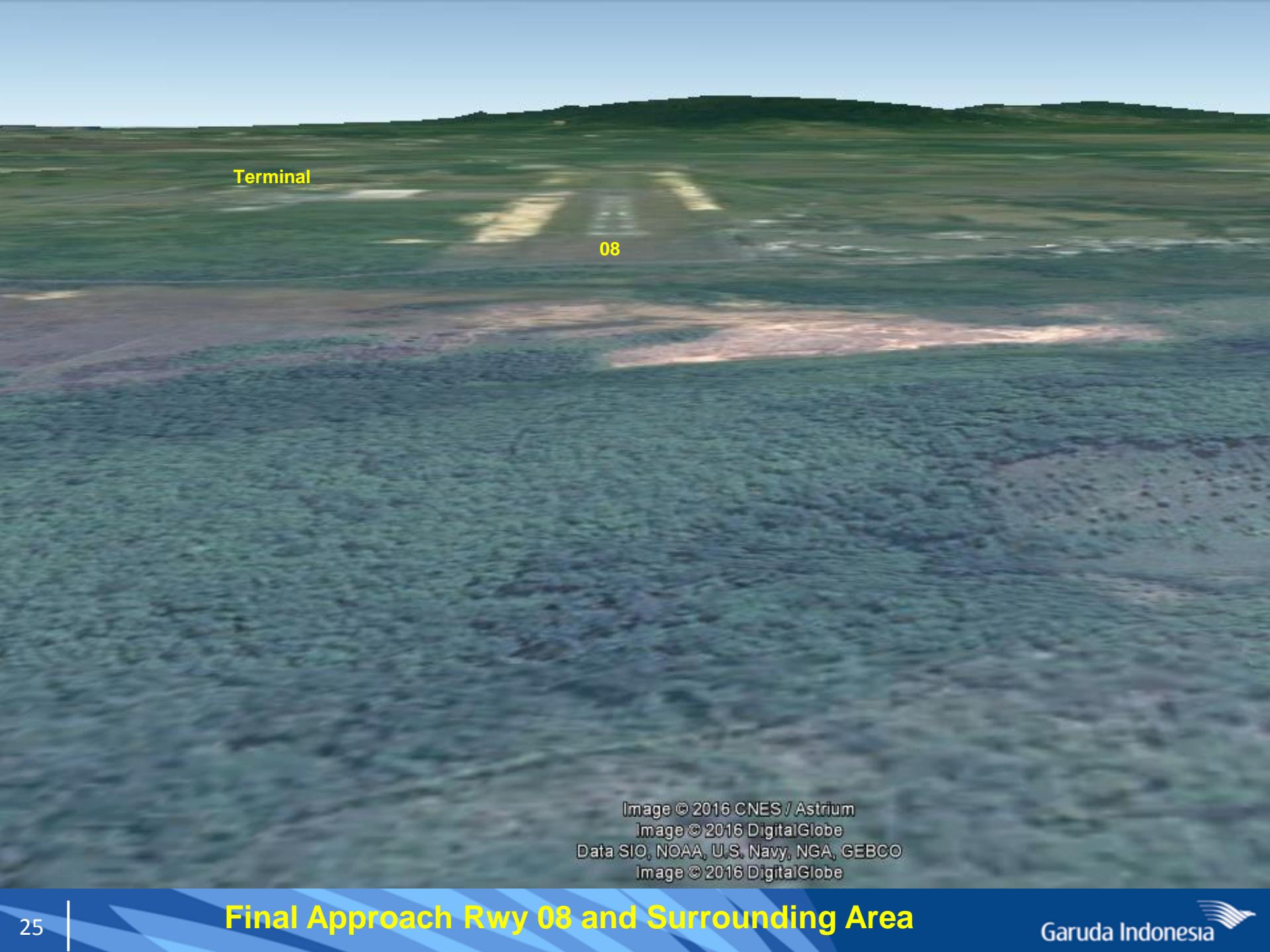
Image © 2016 CNES / Astrium

Image © 2016 DigitalGlobe

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Image © 2016 DigitalGlobe

## Inbound Rwy 08 and Surrounding Area

An aerial photograph showing a coastal or island environment. In the upper portion of the image, there is a large expanse of green land with some brownish patches, likely vegetation or cleared land. A long, light-colored strip, which appears to be a runway, extends from the center-left towards the right edge of the frame. The runway has a dark, textured surface. In the upper left corner, the word "Terminal" is written in yellow capital letters. In the upper center, the number "08" is also written in yellow. The background shows a clear blue sky above the land and water. The water in the lower half of the image is a deep teal or blue color, with some darker, wavy patterns suggesting movement or depth.

Terminal

08

Image © 2016 CNES / Astrium

Image © 2016 DigitalGlobe

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Image © 2016 DigitalGlobe

Final Approach Rwy 08 and Surrounding Area



Image © 2016 CNES / Astrium

Image © 2016 DigitalGlobe

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Image © 2016 DigitalGlobe

## Threshold Rwy 08 and Surrounding Area



## RWY 08 OVERVIEW



## RWY 08 OVERVIEW



## RWY 08 OVERVIEW





**ALTERNATE DESTINATIONS**

FUEL SERVICNG

GROUND HANDLING SERVICING



**PERTAMINA**



**GAPURA ANGKASA**  
AIRPORT SERVICES

# 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 aerodrome, pilot shall endeavor to transmit blindy his position, intention, etc so as to be monitored by Approach or any other traffic over TMA or as CTR.
2. In Instrument Meteorological Condition (IMC)
  - a) Proceed according to current Flight Plan to appropriate designated navigation and serving Approach and when required to ensure compliance with (b) below, hold over this aid until commencement of decent.
  - b) Commence decent from the navigation aid specified in (a) or as close as possible to EAT as indicated in the filed Flight Pland and revised in accordance with current Flight Plan.
  - c) Land if possible within thirty minutes (30 min) after estimatated time of arrival (ETA)

# DEPARTURE

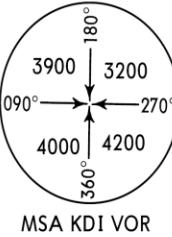


**WAWW/KDI**  
HALU OLEO

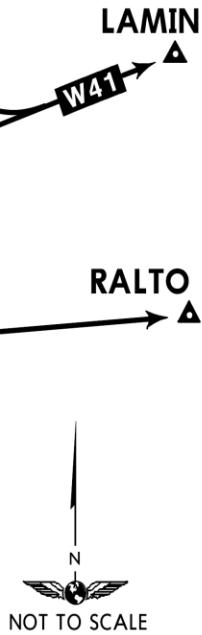
**JEPPESEN**  
26 JAN 18 (10-3) Eff 1 Feb

**KENDARI, INDONESIA**  
**SID**

Apt Elev  
164'  
Trans level: FL130  
Trans alt: 11000'



**LAMIN 1A** [LAMI1A], **LAMIN 1B** [LAMI1B]  
**MILAT 1E** [MILA1E], **RALTO 1A** [RALT1A]  
**RALTO 1B** [RALT1B]  
DEPARTURES  
RWY 08



SID	INITIAL CLIMB
LAMIN 1A	MAINTAIN runway heading, at or above 2500' turn LEFT, intercept KDI R-069, MAINTAIN 3000' to LAMIN.
LAMIN 1B	IMMEDIATELY turn LEFT heading 360°, after passing 4000' turn RIGHT, track 100°, cross KDI R-024 at or above 5000' to intercept W-41 to LAMIN.
MILAT 1E	MAINTAIN runway heading, at or above 1500' turn LEFT direct to KDI VOR at 3000', then intercept W-41/W-54 to MILAT.
RALTO 1A	MAINTAIN runway heading, at or above 2500' turn RIGHT, intercept KDI R-085, MAINTAIN 3000' to RALTO.
RALTO 1B	IMMEDIATELY turn LEFT heading 360°, after passing 4000' turn RIGHT, track 155°, cross KDI R-024 at or above 5000' to intercept W-54 to RALTO.

**SID, Proceed to MILAT**

WAWW / KDI  
HALU OLEO

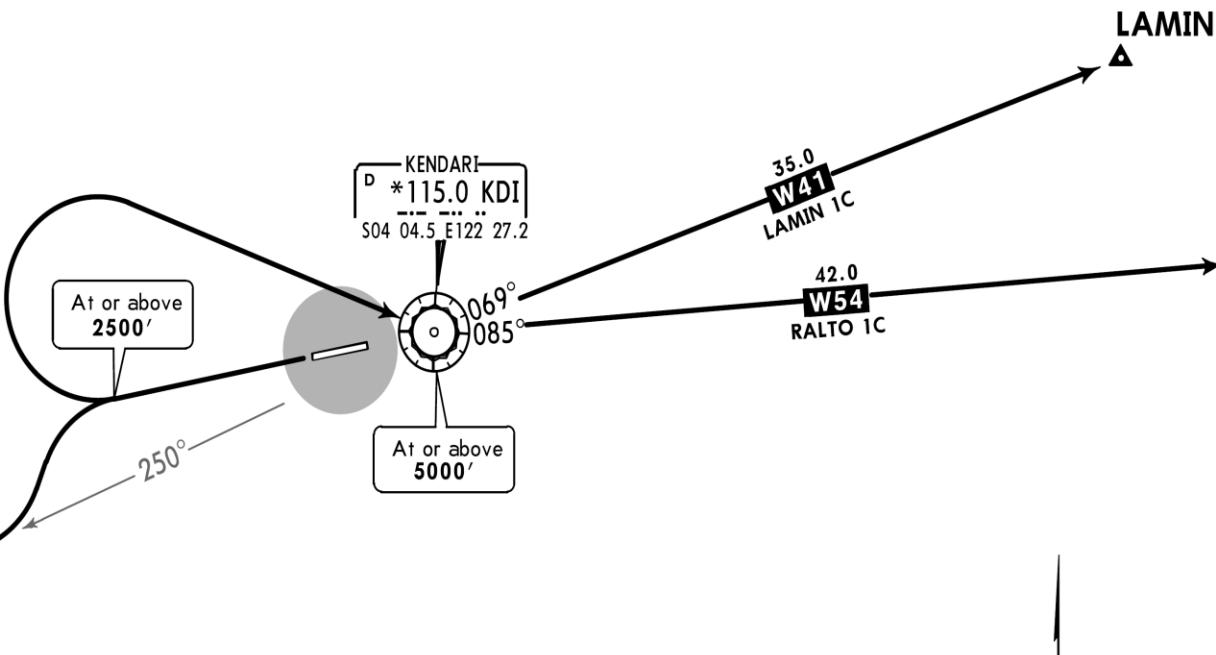
JEPPESEN  
26 JAN 18 (10-3A)  
Eff 1 Feb

KENDARI, INDONESIA  
SID

Apt Elev  
164'  
Trans level: FL130 Trans alt: 11000'



LAMIN 1C [LAMI1C], MILAT 1F [MILA1F]  
RALTO 1C [RALT1C]  
DEPARTURES  
RWY 26



This SID requires a minimum climb gradient of:  
MILAT 1F: 4.0%.

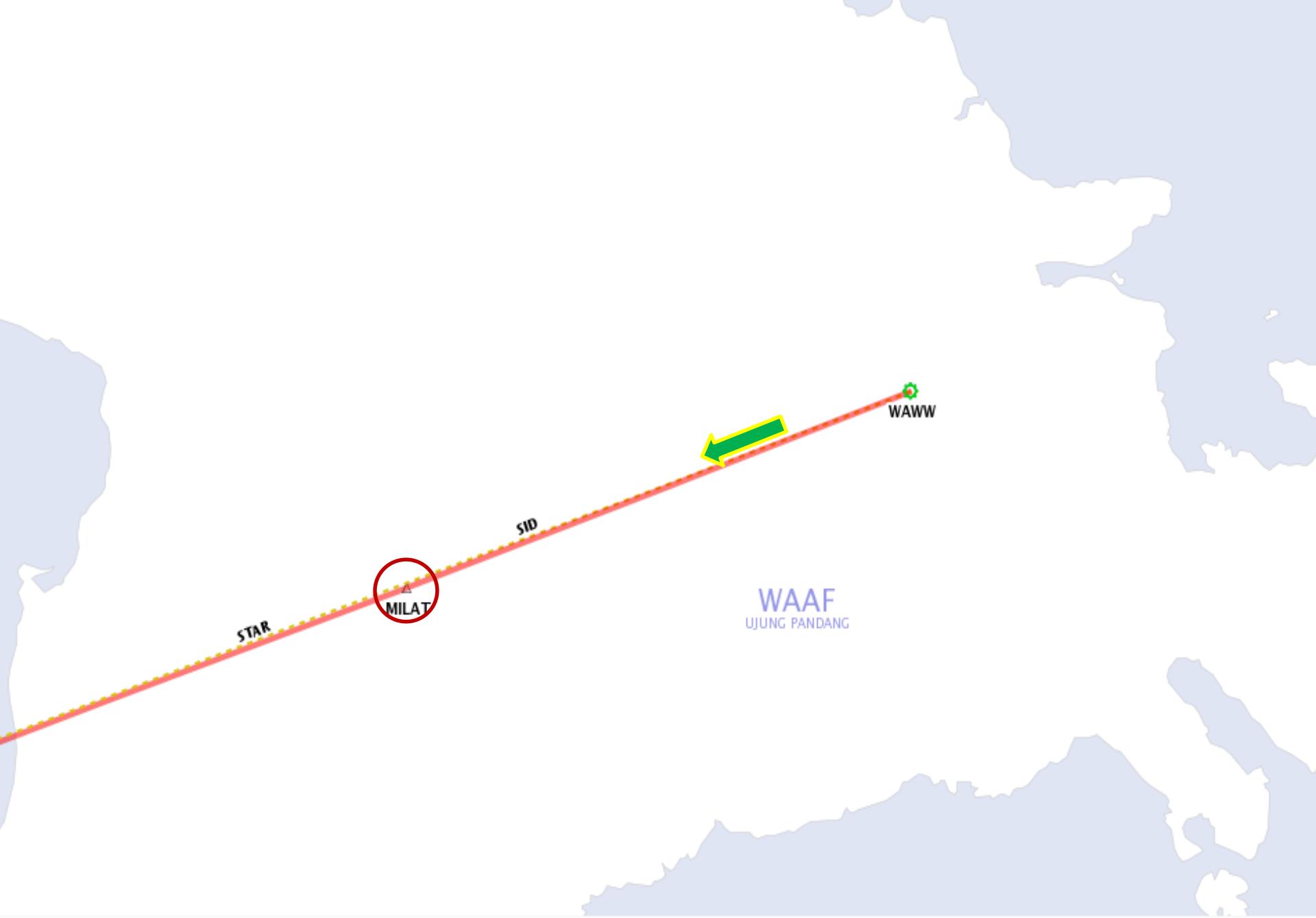
Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215

#### INITIAL CLIMB

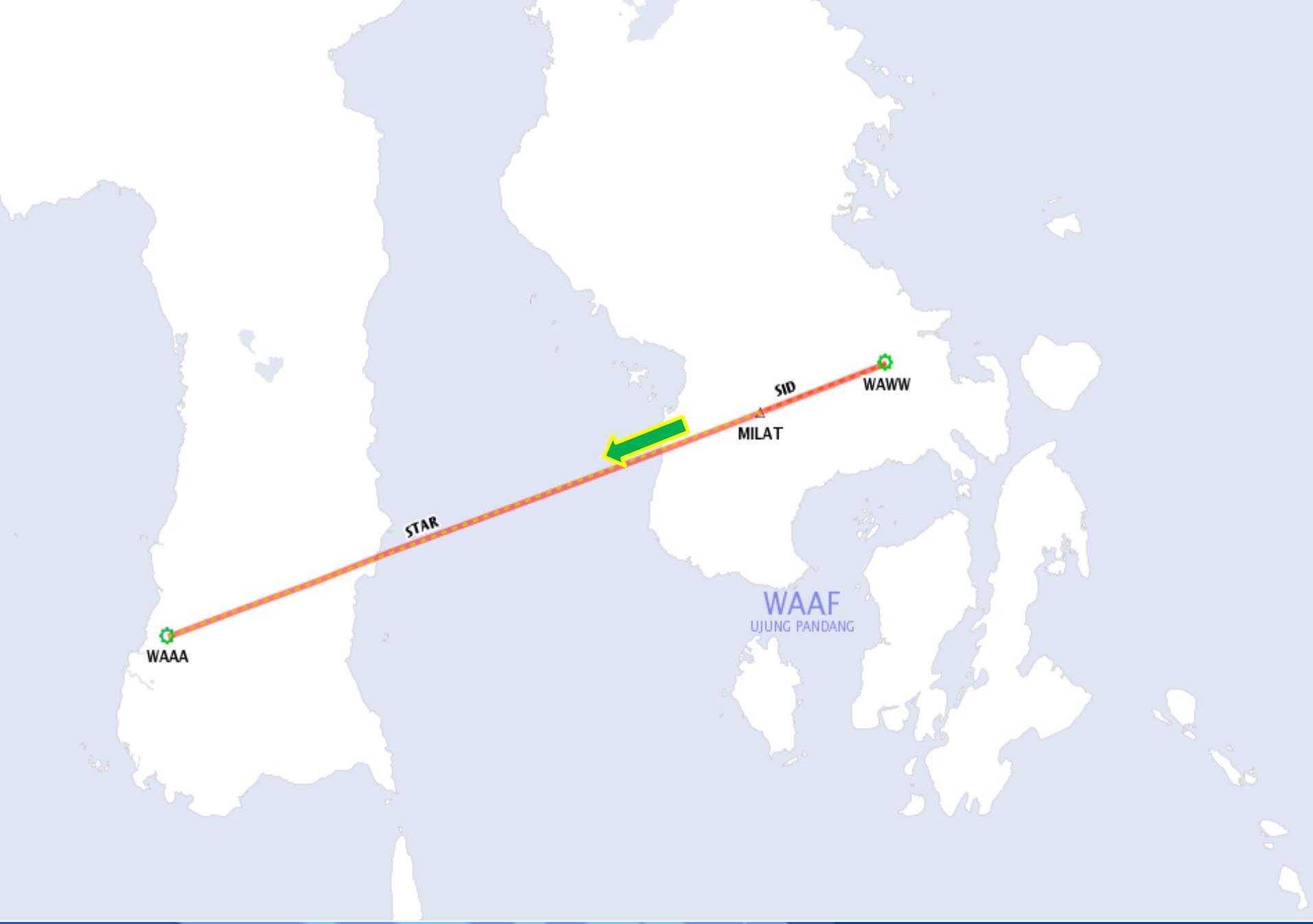
MAINTAIN runway heading at or above 2500'.

SID	ROUTING
LAMIN 1C	Turn RIGHT direct to KDI VOR at or above 5000' to intercept W-41 to LAMIN.
MILAT 1F	Turn LEFT to intercept W-41/W-54 to MILAT.
RALTO 1C	Turn RIGHT direct to KDI VOR at or above 5000' to intercept W-54 to RALTO.

S I D, Proceed to MILAT



Inbound track to WAAA (WEST BOUND), Proceed to MILAT



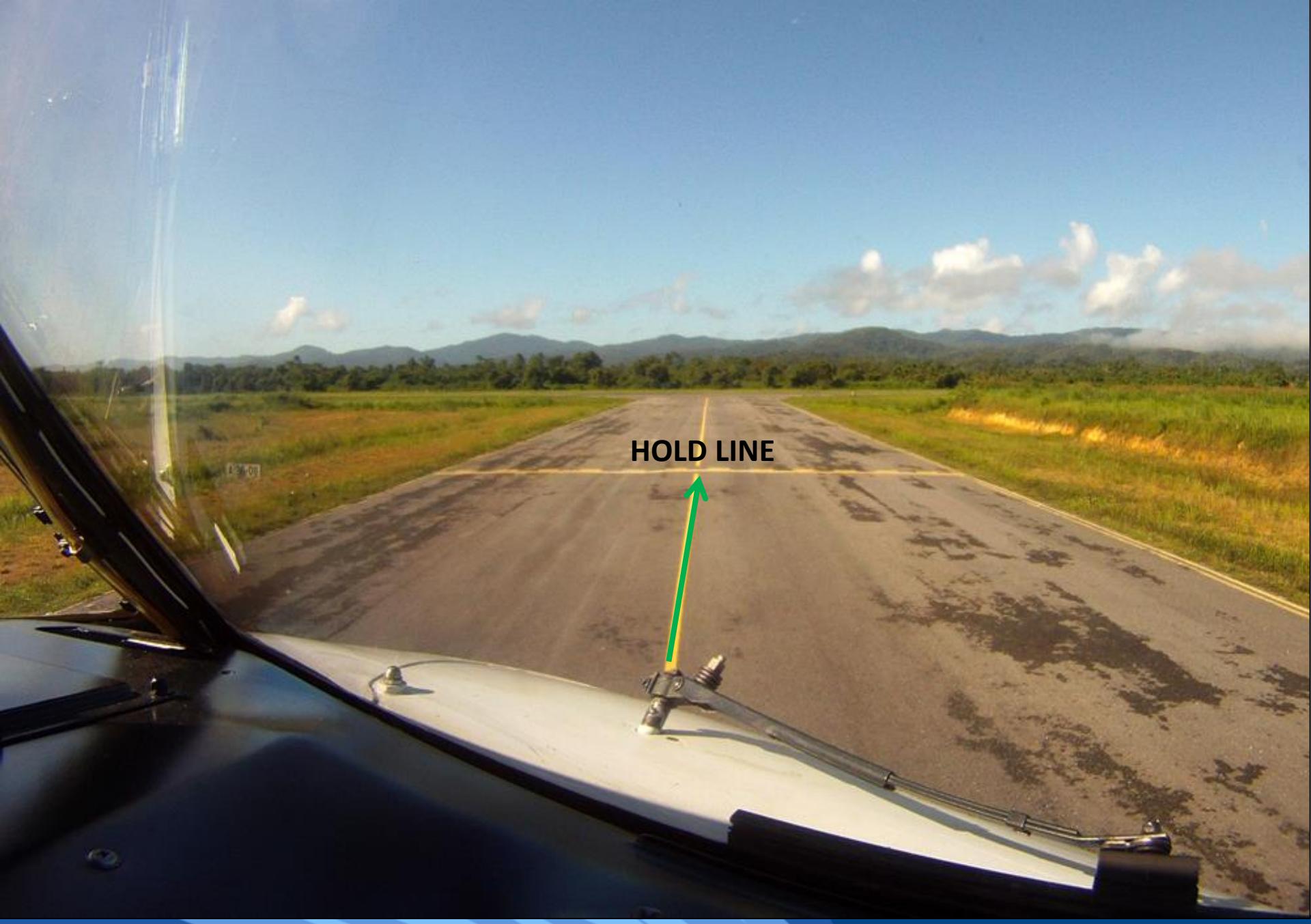
En route WAWW – WAAA, Distance 180NM, G/C 180NM

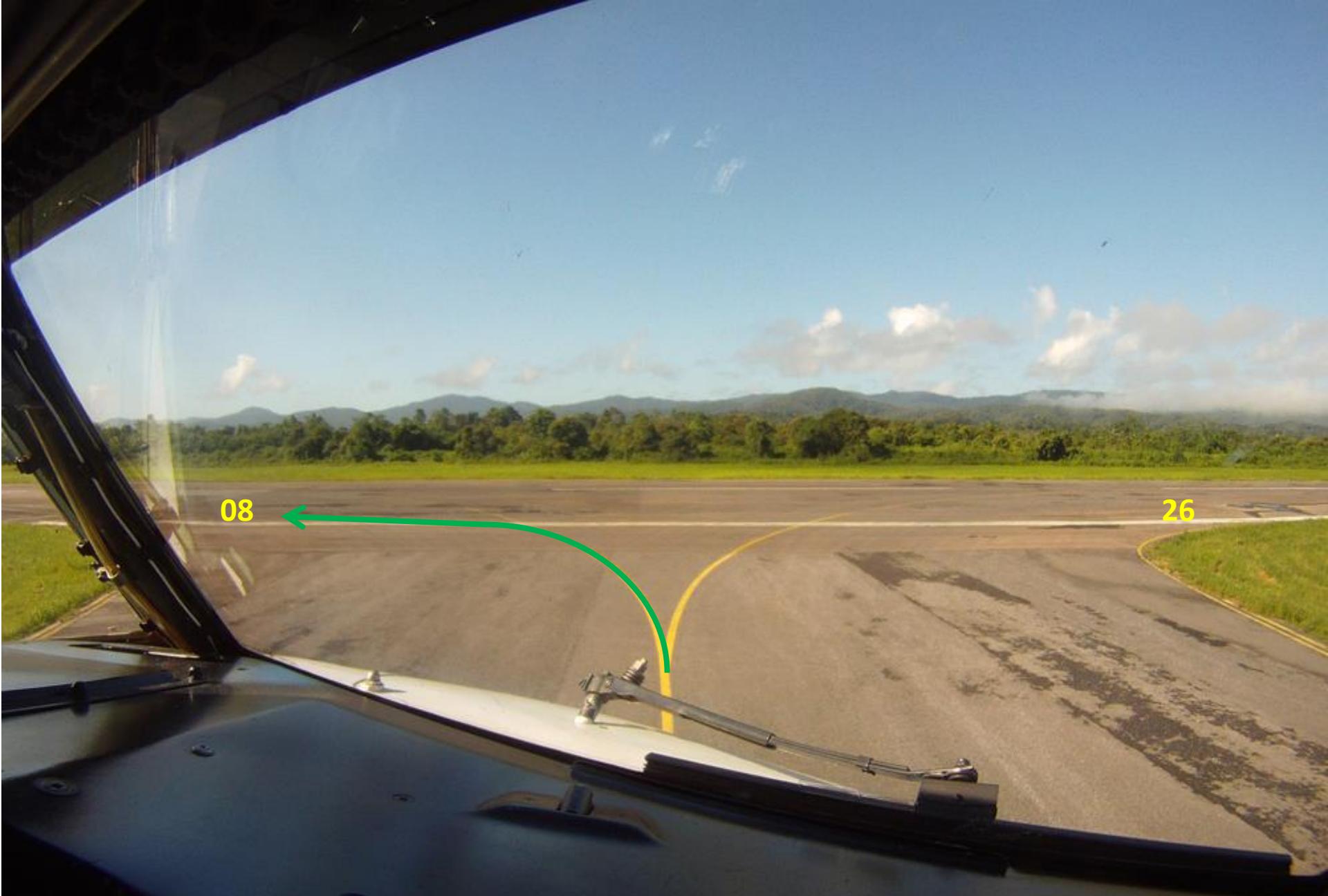


After clearance, ACFT taxiing out to enter TWY



The ACFT taxiing





The ACFT entering RWY, turn LEFT for Departure RWY 08



The ACFT taxiing on RWY for Departure RWY 08



Turning Area



The ACFT lining up, ready for Departure RWY 08



WAKATobi

HAVE A NICE FLIGHT

Garuda Indonesia