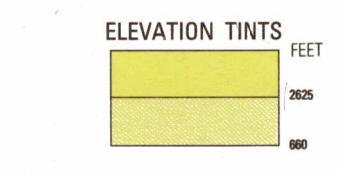


SERIES 1501 AIR SHEET SB 33-15 EDITION 1

SERIES 1501 COMPANION SHEET IS EDITION 1



RELIABILITY OF THIS GRAPHIC is determined by standard practices

PICTURING ACCURACY 90% ASSURANCE

Horizontal scale: 1:150,000  
Vertical scale: 1:150,000  
All other features: 1:80,000

Horizontal Datum: World Geodetic System  
Vertical Datum: Mean Sea Level  
Projection: Transverse Mercator

**GLOSSARY**

Fazenda - farm  
Província - first-order administrative division  
Rio - river  
Roca - farm  
Serra - mountain

**CAUTION**  
AIR INFORMATION CURRENT THROUGH 17 JUNE 1992

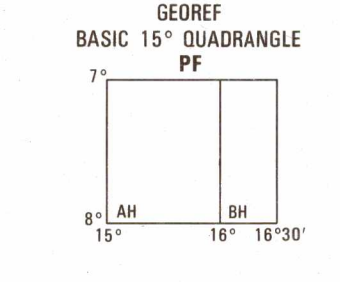
Consult NOTAMS and Flight Information Publications for the latest air information. The 1992 Aeronautical Chart Updating Manual or MCO 10.4, Aeronautical Chart Development document, for other chart-related information.

**LOCATION DIAGRAM**  
(WAC INDEX SHOWN IN BLUE)

SB 33-10	SB 33-11	SB 33-12
SB 33-14	SB 33-15	SB 33-16
SC 33-2	SC 33-3	SC 33-4

**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305



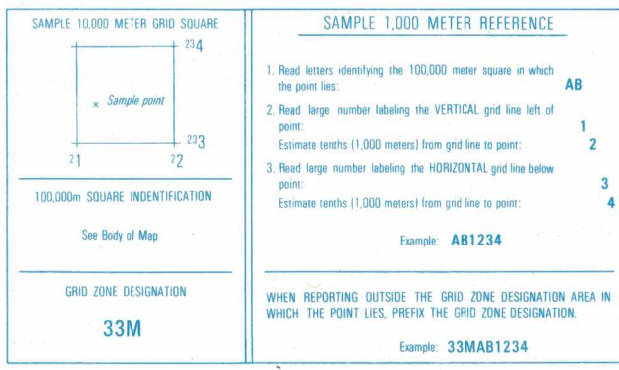
**CAUTION**  
Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is no assurance that all are shown, or that their location or height is exact.

**INES OF EQUAL MAGNETIC VARIATION**  
FOR 1990  
(Annual rate of change 7' decrease)



Prepared and published by the Defense Mapping Agency  
Hydrographic/Topographic Center, Bethesda, MD.  
Compiled October 1978

COORDINATE CONVERSION WAS BY TO ANG TO GRS  
Grid: Spheroid: WGS 84, and Spheroid: WGS 84  
Geographic: Spheroid: S.P. Lang, Spheroid: G.S. Lang



**SCALE 1:250,000**  
UIGE, ANGOLA  
SERIES 1501 AIR SHEET SB 33-15 EDITION 1  
SERIES 1501 COMPANION SHEET IS EDITION 1

- ROADS**
- All weather, hard surface - 3 LANES
  - More than two lanes wide - 3 LANES
  - Two lanes wide - 3 LANES
  - All weather, loose or light surface - 3 LANES
  - More than two lanes wide - 3 LANES
  - Two lanes wide - 3 LANES
  - All weather, loose or light surface, one lane wide - 3 LANES
  - Fair or dry weather, loose surface - 3 LANES
  - Cart track - Trail
- BOUNDARIES**
- International - 1st order administrative division
- HORIZONTAL CONTROL POINTS**
- Astronomic position - symbol
  - Horizontal control point - symbol
- VEGETATION**
- Woods: Scattered trees - symbol
  - Swamp - symbol
  - Orchards, plantations, vineyards - symbol

**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 185 FEET

BLUE NUMBERED LINES INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 33, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

RED/BROWN NUMBERED TICKS INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 33, CLARKE 1886 ELLIPSOID.

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0099; COMMERCIAL: 1-242-263-1200; OR WRITE TO: ATTN: CDD, MAIL STOP 9-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4800 SANGAMORE ROAD, BETHESDA, MD 20815-5003.

**ELEVATIONS IN FEET**

- AERODROMES (Military or Civil)**
- EDNA-50's - symbol
  - Runway pattern known - symbol
  - EDNA-Name - symbol
  - 50-Length of longest runway to nearest hundreds of feet - symbol
  - Soft or unimproved surface - symbol
  - 725-Elevation - symbol
  - Runway pattern unknown - symbol
  - HELIPORT/HELIPAD - symbol
  - HELIPORT/HELIPAD AT HOSPITAL - symbol
  - RADIO FACILITIES
  - RADIO RANGE LF/MF - symbol
  - MULTIPLE RADIO FACILITIES - symbol

**CONTROLLED AIRSPACE**

- ADIZ - ATLANTIC ADIZ - symbol
- ADIZ - symbol
- Obstruction - symbol
- Group obstruction - symbol
- Radio facility obstruction - symbol
- Power transmission line - symbol
- TERRAIN ELEVATIONS
- Spot elevation: Normal, Critical - symbol
- Highest known elevation is 4383 feet at the following coordinates: 7°34' S, 15°17' E
- Geographic - symbol
- Grid - symbol

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**ATTENTION**

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)

The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

EXAMPLE: 12,500 feet

**125**

**NOTES**

Powerlines are shown except within populated place limits. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY. On this graphic a line is generally considered as being 8 feet (2.5 meters) in width.

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