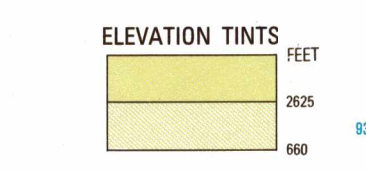


SERIES 1501 AIR SHEET SB 33-11 EDITION 1

SERIES 1501 COMPANION SHEET IS EDITION 1



RELIABILITY OF THIS GRAPHIC is determined by standard practices

I	II
PLOTING ACCURACY 90% ASSURANCE ALL AREAS	
Horizontal Contours	410 feet 82 feet
GRAPHIC FEATURE	DATE OF INFORMATION AREA I AREA II AREA III
All other features	1967 1968 1968

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

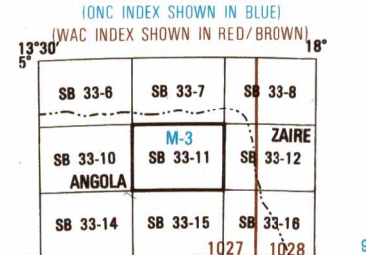
GLOSSARY

Faenda farm
Provincia first-order administrative division
Serra mountain

CAUTION

AIR INFORMATION CURRENT THROUGH 17 JANUARY 1992
Consult NOTAMS and Flight Information Publications for the latest information. Use 2000 Aeronautical Chart Updating Manual or MDG III (Aeronautical Chart Amendment document, for other chart revision information.

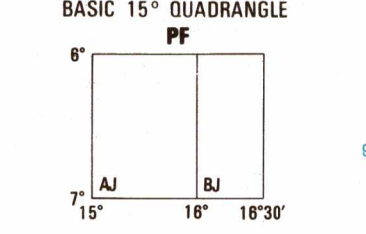
LOCATION DIAGRAM
(GIC INDEX SHOWN IN BLUE)
(GIC INDEX SHOWN IN RED/SHOWN)



CONVERSION OF ELEVATIONS

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

GEOREF



CAUTION

Vertical obstructions, including powerlines, have been indicated from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

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

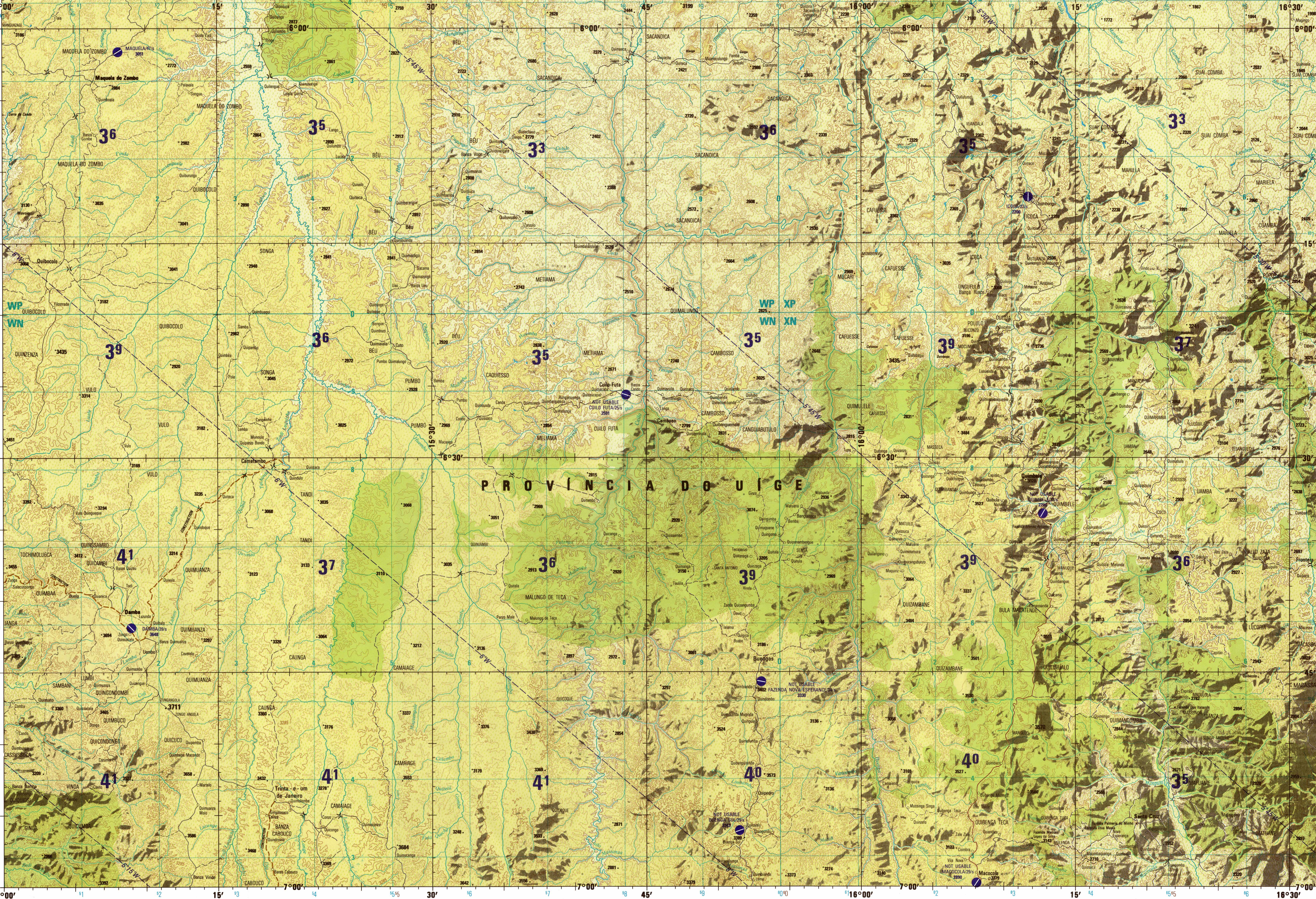
Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Bethesda, MD. Compiled February 1981

COORDINATE CONVERSION WGS 84 TO ARC 50
Grid: Subtract 216.4, Add 26.1
Geographic: Subtract 0.9' Long, Subtract 3.1' Lat.

SCALE 1:250,000
CUILLO-FUTA, ANGOLA

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SERIES 1501 COMPANION SHEET IS EDITION 1



ROADS

All weather, hard surface, one lane wide
All weather, loose or light surface
two lanes wide
Four or dry weather, loose surface
Cart track
Footpath, trail

RAILROADS

Normal gauge 1.067 m (3'6")
Station, position: known unknown

BOUNDARIES

International
First-order administrative division
Reservation

OTHER FEATURES

Hut, Krap, Landmark feature: Mine
Horizontal control point, Spot or lock
Sand, Distorted surface
Escarpment, Level
Swamp or marsh; Intermittent lake; Dry lake
Well, Spring; Land subject to inundation
Intermittent wet depression

VEGETATION

Woods; Scattered trees
Orchards, plantations, vineyards; Mangrove

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 32, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.
RED/BROWN NUMBERED TICKS INSIDE THE NEATLINE INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 32, CLARKE 1866 ELLIPSOID.

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US Naval Director, Defense Mapping Agency, Attn: PR, 913 Lee Highway, Fairfax, VA 22031-5130
UK Naval Director, General of Military Survey, Ministry of Defense, Elmwood Avenue, Farnham, Wokingham, TW13 2AF England

ELEVATIONS IN FEET

AERODROMES (Military or Civil)

Runway pattern known
EDNA-Name
50-Length of longest runway to nearest hundreds or feet
s-Soft or unimproved surface
u-Unknown surface
725-Elevation
Runway pattern unknown
HELIPORT/HELIPAD
HELIPORT/HELIPAD AT HOSPITAL
RADIO FACILITIES
RADIO RANGE LF/MF
MULTIPLE RADIO FACILITIES

ELEVATIONS IN FEET

CONTROLLED AIRSPACE

ADIZ
ATLANTIC ADIZ
VISUAL AIDS AND OBSTRUCTIONS
Obstruction
1108-Elevation of obstruction top, above sea level
(258)-Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line
TERRAIN ELEVATIONS
Spot elevation: normal; critical
HIGHEST KNOWN elevation is 3711 feet at the following coordinates:
Geographic: *504 1900
Grid: 847 S, 1817 E, W N 2145

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 by 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: 12500 feet

NOTES

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