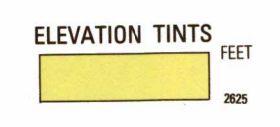


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RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

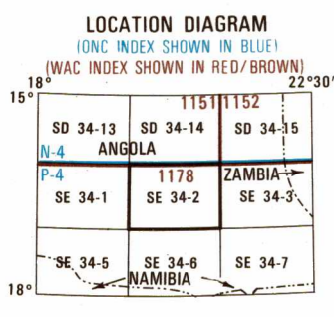
PLOTING ACCURACY 90% ASSURANCE	AREA		
	1	2	3
Horizontal Contours	within 40 ft	within 80 ft	within 120 ft
GRAPHIC FEATURE	DATE OF INFORMATION AREA I AREA II AREA III		
Roads	1974		
All other features	1967-68		

Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

GLOSSARY

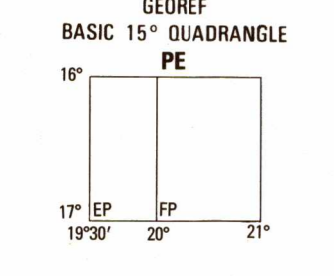
Lagoa lake
Provincia first-order administrative division
Rio stream

CAUTION
AIR INFORMATION CURRENT THROUGH 1 JULY 1992
Consult NOTAMS and Flight Information Publications for the latest air information. The DOD Aeronautical Chart Operating Manual or AOC 5.2, Aeronautical Chart Amendment document, for other chart revision information.



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
100	31	1000	305



CAUTION
Vertical obstructions, including powerlines, have been omitted from this chart. Suitable sources available however, there is no assurance that all are shown, or that their locations or heights are exact.

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



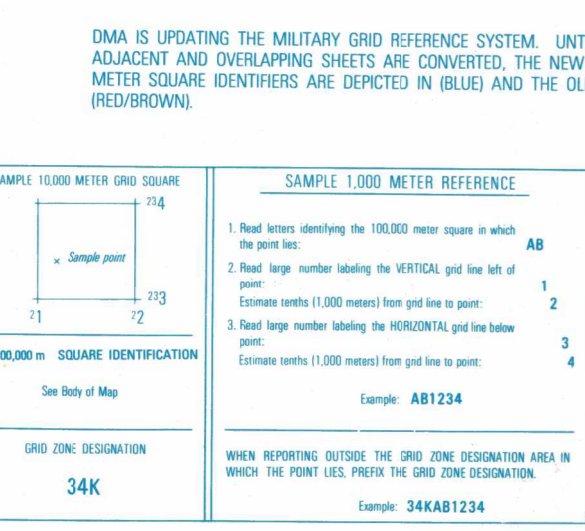
Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Bethesda, MD
Compiled February, 1979

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SCALE 1:250,000
LUENGE, ANGOLA

SERIES 1501 AIR SHEET SE 34-2 EDITION 1

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ROADS
All weather, hard surface
More than two lanes wide
Two lanes wide
All weather, loose or light surface
More than two lanes wide
Two lanes wide
All weather, loose or light surface
one lane wide
Fair or dry weather, loose surface
Curt track
Footpath

ROUTE MARKER
National

RAILROADS
Normal gauge
Narrow gauge
Station, position known; position unknown

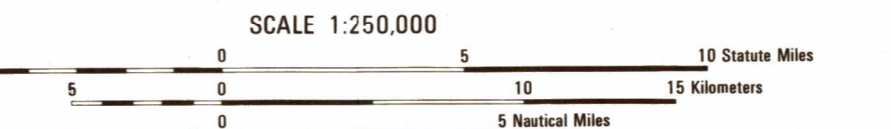
BOUNDARIES
International
First-order administrative
Reservation

HORIZONTAL CONTROL
Horizontal control point
Sand
Disturbed surface
Escarpment; Levee
Mound; Cliff
Church, mission; School
Hot, kraal; Landmark feature; Mine

VEGETATION
Scattered trees
Mangrove
Orchards, plantations, vineyards

HYDROGRAPHY
Well; Spring; Dry lake
Wadi; Sabkha, wet depression
Land subject to inundation; Swamp

JOINT OPERATIONS GRAPHIC (AIR)



CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 1982 METRIC UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 18, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

THE DATUM AND ELLIPSOID FOR THIS MAP HAVE CHANGED FROM PREVIOUS EDITIONS. FOR ADJACENT AND OVERLAPPING SHEETS, THERE ARE NO SIGNIFICANT CHANGES IN GRID OR GEOGRAPHIC VALUES AT THIS SCALE.

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US Army Director General of Military Survey, Ministry of Defense, Elmwood Avenue, Pretoria, Midrand TW 1749 SOUTH AFRICA

AERODROMES (Military or Civil) EDNA 50's 725

Runway pattern known
EDNA-Name
50'-Length of longest runway to nearest hundreds of 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

CONTROLLED AIRSPACE CONUS ADIZ

VISUAL AIDS AND OBSTRUCTIONS
Obstruction
1108-Elevation of obstruction top, above sea level
(259)-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 4062 feet at the following coordinates:
Geographic Grid 18°05'S, 19°30'E
CH 4021

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 AUTHENTICATIVE.
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.

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