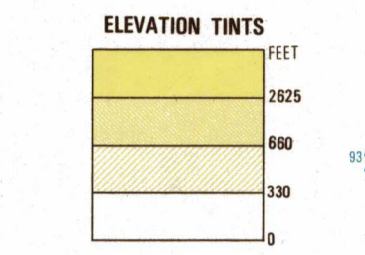
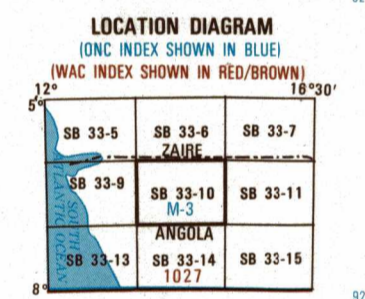


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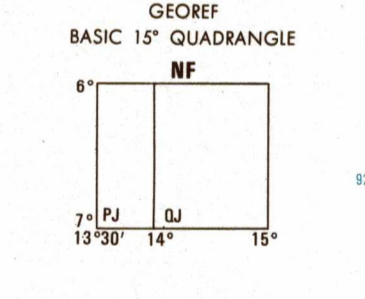
RELIABILITY OF THIS GRAPHIC (as determined by standard practices)
 PLOTTING ACCURACY 90% ASSURANCE
 Horizontal: within 410 ft
 Contours: within 85 ft
 Roads: within 1974
 All other features: within 1969
 Horizontal Datum: Arc 1859
 Vertical Datum: Mean Sea Level
 Transverse Mercator Projection

GLOSSARY
 Ilha: island
 Lagoa, lagoas: lake(s)
 Pântano: marsh
 Província: province
 Rio: stream
 Serra: mountain



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 |



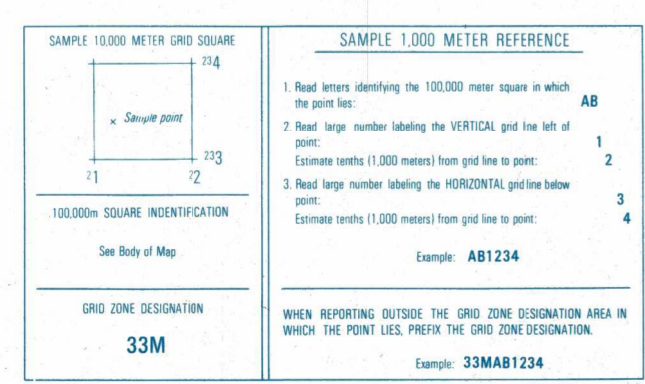
CAUTION
 AIR INFORMATION CURRENT THROUGH 30 AUGUST 1975
 Consult NOTAMS and Flight Information Publications for the latest information. The 500 International Chart Updating Manual or MDI (K) Aeronautical Chart Amendment Document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1975 (Annual rate of change 0' decrease)

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C. Compiled October 1978.

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SCALE 1:250,000
MBANZA CONGO, ANGOLA
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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 | 3 LANES |
| one lane wide | 3 LANES |
| Fair or dry weather, loose surface | 3 LANES |
| Cart track | 3 LANES |
| Footpath, trail | 3 LANES |

HORIZONTAL CONTROL POINTS

| | |
|----------------------------------|---------|
| Astronomic position | ⊙ |
| Horizontal control point | ⊕ |
| Spot elevation: Normal: Critical | 848 848 |

BOUNDARIES

| | |
|----------------------------|-----------|
| International | — — — — — |
| First-order administrative | — — — — — |

VEGETATION

| | |
|----------------------------------|---|
| Woods: Scattered trees | 🌳 |
| Mangrove | 🌴 |
| Orchards, plantations, vineyards | 🍷 |

JOINT OPERATIONS GRAPHIC (AIR)



BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 33, CLARKE 1880 SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS AND COMMENTS FOR IMPROVING THIS PRODUCT TO: (US Users) Director, Defense Mapping Agency Aeronautics Center, St. Louis AFB, Missouri 63118. ATTN: PPO (UK Users) Directorate of Military Survey, Ministry of Defence, London

AERODROMES (Military or Civil)

| | |
|---|---|
| Field limits with runway pattern | EDNA/50/5 725 |
| EDNA-Name | EDNA-Name |
| 50-Length of longest runway to nearest hundreds of feet | 50-Length of longest runway to nearest hundreds of feet |
| s-Soft or unpaved surface | s-Soft or unpaved surface |
| u-Unknown surface | u-Unknown surface |
| 725-Elevation | 725-Elevation |
| Field limits, with runway pattern unknown | Field limits, with runway pattern unknown |
| Field limits unknown, with runway pattern | Field limits unknown, with runway pattern |
| Field limits and runway pattern unknown | Field limits and runway pattern unknown |
| HELIPORT | Ⓜ |
| RADIO FACILITIES | Ⓜ |
| RADIO RANGE LF/MF | Ⓜ |

VISUAL AIDS AND OBSTRUCTIONS

| | |
|--|--|
| Obstruction | 1108 (259) |
| 1108-Elevation of obstruction top, above sea level. | 1108-Elevation of obstruction top, above sea level. |
| (259)-Elevation of obstruction top, above ground level. | (259)-Elevation of obstruction top, above ground level. |
| Group obstruction | Ⓜ |
| Radio facility obstruction | Ⓜ |
| Power transmission line | — — — — — |
| TERRAIN ELEVATIONS | Ⓜ |
| Highest known elevation is 3615 feet at the following coordinates: | Highest known elevation is 3615 feet at the following coordinates: |
| Geographic: 8°39' S, 14°59' E | Geographic: 8°39' S, 14°59' E |
| Grid: VCB95 | Grid: VCB95 |

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 features in each quadrangle, including terrain and obstructions (towers, towers, antennas, etc.). In areas of extensive uncharted relief, the MEF is shown by a note spaced across the area.
 EXAMPLE: 12,500 feet
125

NOTES
 Only obstructions 200 feet or more above ground level are shown. The information on obstructions is not necessarily complete.
 THE REPRESENTATION OF INTERNATIONAL BOUNDARIES ON THIS GRAPHIC IS NOT NECESSARILY AUTHORITY.

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