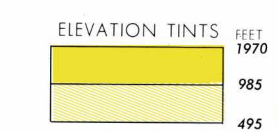


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 LUKOLELA, CONGO (KINSHASA)
 1501A SA 33-8
 CONGO (BRAZZAVILLE) AND
 CONGO (KINSHASA)



RELIABILITY OF THIS SHEET
 (as determined by standard practices)

Latest date of information: All features 1966

Compiled from maps and intelligence information available as of March 1966

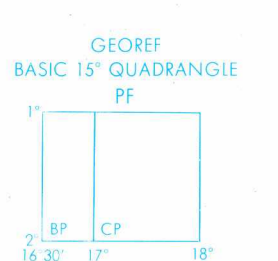
Horizontal Datum: Undetermined
 Vertical Datum: Mean Sea Level

VERTICAL ACCURACY OF APPROXIMATE
 CONTOUR IS 300 METERS (1000 FEET)



GLOSSARY

FRENCH	ENGLISH
baie	bay
cap	cape, point
canal	channel
chutes	waterfalls
étang	lake, pond
îlot(s)	island(s)
kaga	hill
lac(s)	lake(s)
marais	marsh
mont(s)	mountain(s)
rapides	rapids



CAUTION
 AIR INFORMATION CURRENT THROUGH
 3 AUGUST 1966

Consult NOTAMS, and USAF/USN Flight Information Publications for the latest air information; the Chart Using Listing Manual for other chart revision information.

INES OF EQUAL MAGNETIC VARIATION
 FOR 1965
 (Annual rate of change 3' decrease)

16°30' 15' 10' 5' 0' 0' 5' 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

1°00' 0'30' 0'15' 0'00' 0'15' 0'30' 0'45' 1'00' 1'15' 1'30' 1'45' 2'00' 2'15' 2'30' 2'45' 3'00'

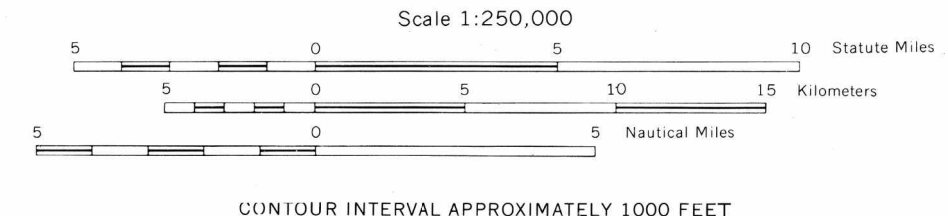
16°30' 17°00' 17°30' 18°00'

Prepared under the direction of the Defense Intelligence Agency and published by the Aeronautical Chart and Information Center, U.S. Air Force, St. Louis, Missouri, 63118.



GRID COORDINATE 33M	TOP CORNER COORDINATE REFERENCE ON THIS SHEET TO NEAREST 100 METERS						
<table border="1"> <tr> <td>XH</td> <td>YH</td> <td>ZH</td> </tr> <tr> <td>XJ</td> <td>YJ</td> <td>ZJ</td> </tr> </table>	XH	YH	ZH	XJ	YJ	ZJ	<p>SAMPLE POINT: Mambou</p> <p>1. Check corner coordinates (GRID) against those on this grid.</p> <p>2. Locate first VERTICAL grid line to LEFT of point and read EASTING figure below the line on the left margin, or on the line itself.</p> <p>3. Locate first HORIZONTAL grid line BELOW point and read NORTHING figure below the line on the left margin, or on the line itself.</p> <p>4. Estimate tenths from grid line to point.</p> <p>5. Locate first HORIZONTAL grid line BELOW point and read EASTING figure below the line on the left margin, or on the line itself.</p> <p>6. Estimate tenths from grid line to point.</p> <p>SAMPLE REFERENCE: 9780000</p>
XH	YH	ZH					
XJ	YJ	ZJ					

JOINT OPERATIONS GRAPHIC (AIR)



TRANSVERSE MERCATOR PROJECTION
 BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONES 33M AND 34M; CLARKE 1880 SPHEROID. THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-6899; COMMERCIAL 314-263-4888; DSN 698-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4608 SANGAMORE ROAD, BETHESDA, MD 20818-3600.

- ROADS
- All-weather, hard surface
 - Two or more lanes wide
 - One lane wide
 - All-weather, loose or light surface
 - Two or more lanes wide
 - One lane wide
 - Fair or dry weather loose surface, dirt road
 - Cartpath
 - Trail (foot path)
- National Route
- Secondary Route
- RAILROADS
- Normal gauge
 - Narrow gauge
- BOUNDARIES
- International
 - State or Provincial (Administrative)
- VEGETATION
- Woods - Brushwood

- AERODROMES (Military or Civil)
- Field limits with runway pattern
 - EDNA - Name
 - 50 - length of longest runway to nearest hundreds of feet
 - x - Soft or unimproved surface
 - 725 - Elevator
 - Field limits, with runway pattern unknown
 - Field limits unknown, with runway pattern
 - Field limits and runway pattern unknown
- SEAPLANE BASE
- SEAPLANE (EMERGENCY)
- HELIPORT

- CONTROLLED AIRSPACE
- ADIZ
- VISUAL AIDS AND OBSTRUCTIONS
- Obstruction
 - 1108 - Elevation of obstruction top, above sea level
 - 2209 - Elevation of obstruction top, above ground level
 - Group obstruction
 - Radio facility obstruction
 - Power transmission line
- TERRAIN ELEVATIONS
- HIGHEST elevation is UNKNOWN
- following elevation value indicates accuracy is not within 500 feet
- Horizontal control point

HIGHEST TERRAIN elevations for each 15 MINUTE QUADRANGLE are represented in THOUSANDS and HUNDREDS of feet. They are omitted where retail information is inadequate. A minus sign (-) following the figure indicates that the figure is based on an estimated elevation.

EXAMPLES: 51, 81-

NOTES:

- No obstructions 200 feet or more above ground level are known to exist within this area.
- THE ALIGNMENT OF ADMINISTRATIVE BOUNDARIES IS APPROXIMATE.
- NOTE THE REPRESENTATION OF INTERNATIONAL BOUNDARIES ON THIS CHART IS NOT NECESSARILY AUTHENTICATIVE.

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