SERIES 1501 AIR
SHEET ND 31-9
EDITION 1
COMPANION SERIES 1501 SHEET IS EDITION 1

ELEVATION TINTS

FEET
1050
525

RELIABILITY OF THIS MAP

Accuracy, as related to control of map:
Horizontal positions ... in excess of 1640 ft.
Contours ... within 131 ft.
Date of map information:
Road classification ... 1959-63
Vegetation ... 1959
All other features ... 1959-64

Road classification not verified by reconnaissance.
Horizontal Datum: Independent Astronomic Stations
Vertical Datum: Mean Sea Level

LOCATION DIAGRAM FOR ND 31-9
(MAC INDEX SHOWN IN BLUE)

MALI	ND 31-5	ND 31-6
ND 30-8		
ND 30-12	ND 31-9	NIGER ND 31-10
UPPER VOLTA		
ND 30-16	ND 31-13	DAHOMEY ND 31-14

GLOSSARY

Airé ... rocky escarpments
Circonscription ... primary administrative division
Département ... primary administrative division
Fleuve ... river
Ouro ... village

GEOREF
BASIC 15° QUADRANGLE
NG

CAUTION
AIR INFORMATION CURRENT THROUGH 3 OCTOBER 1967
Consult Notices to Airmen (NOTAMs) and Flight Information Publications (FLIPs) for the latest air information the Chart Updating Manual (CHUM) for other chart relevant information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1965
(Annual rate of change 6' decrease)

Prepared under the direction of the Defense Intelligence Agency and published by the Army Map Service, Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1966 from best available source materials.

AERONAUTICAL APPROACH CHARTS (Code: AC) and/or AERONAUTICAL CHARTS (Code: AGC) completely within this area are discontinued. Those that are partially within this area should be retained until publication of the adjacent Joint Operations Graphic (Air), 1501 AIR. Consult the DOD Bulletin for publication and discontinuance notices.

GRID ZONE DESIGNATION: 31P
100,000 M. SQUARE IDENTIFICATION

AF	BF	CF
AE	BE	CE

20 90

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number, example: 14 00000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: Kéri

1. Read letters identifying 100,000 meter square in which the point lies.
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself. Estimate tenths from grid line to point.
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself. Estimate tenths from grid line to point.

BF 6 3 0 2

SAMPLE REFERENCE: BF6302

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 31PBF6302

SCALE 1:250,000
SEBBA, UPPER VOLTA
SERIES 1501 AIR
SHEET ND 31-9
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LEGEND

ELEVATIONS IN FEET

ROADS
All weather, hard surface ... 3 LANES
Two or more lanes wide
All weather, loose or light surface ... 3 LANES
Two or more lanes wide
All weather, hard surface
One lane wide
All weather, loose or light surface
One lane wide
Fair or dry weather, loose surface, dirt road
Cart track
Footpath, trail

RAILROADS
Normal gauge — Single track — Multiple track
Narrow gauge
Station

BOUNDARIES
International
Primary administrative
Reservation

VEGETATION
Woods-brushwood
Scattered trees
Orchard, plantation, vineyard
Rice paddy

JOINT OPERATIONS GRAPHIC (AIR)

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 135 FEET

TRANSVERSE MERCATOR PROJECTION

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899 COMMERCIAL 314-263-4868, DSN 693-4868 OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-86, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 31. CLARKE 1880 SPHEROID

ELEVATIONS IN FEET

AERODROMES (Military or Civil)
Field limits with runway pattern ... EDNA/50/s 725
EDNA—Name
50—Length of longest runway to nearest hundreds of feet
s—Soft or unimproved surface
725—Elevation
Field limits, with runway pattern unknown
Field limits unknown, with runway pattern
Field limits and runway pattern unknown
SEAPLANE BASE
SEAPLANE (EMERGENCY)
HELIPORT

RADIO FACILITIES
RADIO RANGE LF/MF ... RNG HURN
MULTIPLE RADIO FACILITIES ... R Bn D F-RNG PARIS

CONTROLLED AIRSPACE ... ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS
ADIZ
Obstruction ... 1108 (259)
1108—Elevation of obstruction top, above sea level.
(259)—Elevation of obstruction top, above ground level.
Group obstruction
Radio facility obstruction
Power transmission line
Ocean station vessel (Normal position)
Visual ground sign ... M
Aero light; Marine light

TERRAIN ELEVATIONS
HIGHEST KNOWN elevation is 1378± feet at 13°29'N, 0°39'E.
± following elevation value indicates accuracy is not within 66 feet.
Spot elevation in feet: Normal; Critical ... 860 1640

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

EXAMPLES:
51
81-

NOTES

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

No obstructions 200 feet or more above ground level are known to exist within this area.

On this map a lane is generally considered as being 8 to 16 feet (2.44 to 4.88 meters) in width.

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