SERIES 1501 AIR
SHEET SH 34-10
EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 2

POPULATED PLACES
First importance: PRETORIA
Second importance: PIETERSBURG
Third importance: Standerton
Fourth importance: Alexandria
Fifth importance: Magudu

ROADS
Dual highway — 4 LANES DUAL
All weather, hard surface
More than two lanes wide — 4 LANES
Two lanes wide
One lane wide
All weather, loose or light surface
More than two lanes wide — 4 LANES
Two lanes wide
One lane wide
Fair or dry weather, loose surface
Track; Trail
Route marker; National; Other — N8 — 8

RAILROADS
Normal gauge 1.067 meters (3'6"): Single track — Multiple track
Station, position: known — unknown
Narrow gauge

BOUNDARIES
International
First-order administrative division
Reservation

OTHER FEATURES
Hut; Kraal; Landmark feature; Mine
Horizontal control point Dam or lock
Spot elevation Normal; Critical — 338 — 1108
Sand; Distorted surface
Escarpment; Levee
Swamp or marsh; Intermittent lake; Dry lake
Well; Spring; Land subject to inundation

VEGETATION
Woods; Scattered trees
Orchards, plantations, vineyards; Mangrove

TERRAIN ELEVATIONS
HIGHEST KNOWN elevation is 4541 feet at the following coordinates:
Geographic: 30°59'S, 19°46'E
Grid: CA8271

HYDROGRAPHY
Rocks awash
Pier, breakwater
Exposed wreck
Reef
Limit of danger
Foreshore flats Salt evaporator
Depth curves in feet

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

VISUAL AIDS AND OBSTRUCTIONS
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
Visual ground sign — M
Aero light; Marine light

RADIO FACILITIES
RADIO RANGE LF/MF — RNG HURN
MULTIPLE RADIO FACILITIES — NDB-RNG FARIS

CONTROLLED AIRSPACE
ADIZ — ATLANTIC ADIZ

CAUTION

AIR INFORMATION CURRENT THROUGH 29 JULY 1982

Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1980 (Annual rate of change 9' decrease)

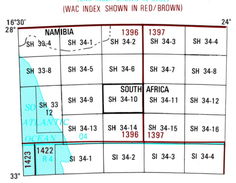
ATTENTION

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.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.

EXAMPLE: 12,500 feet — 12⁵

LOCATION DIAGRAM
(INC INDEX SHOWN IN RED)
(WAC INDEX SHOWN IN RED/BROWN)



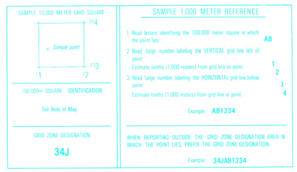
SCALE 1:250,000
BRANDVLEI, SOUTH AFRICA

SERIES 1501 AIR
SHEET SH 34-10
EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 2

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



ELEVATIONS IN FEET

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.
Compiled in 1982.

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 15 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 34 CLARKE 1880 SPHEROID

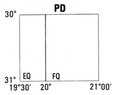
USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 693-4884; OR VYRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP I-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

ELEVATIONS IN FEET

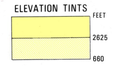
GLOSSARY

berg(e)	mountain(s), hill(s)
hoogte	mountain(s), hill(s)
Kop	mountain, hill
laagte	dry stream
loerge	stream
loop	stream
pan	pan
Province	first-order administrative division
puts	well, spring
rivier	stream
vlei	pan
vloer	pan

GEOREF
BASIC 15° QUADRANGLE



ELEVATION TINTS



NOTES

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

On this graphic a lane is generally considered as being 10.5 feet (3.2 meters) in width on the Freeways and National Routes.

The reliability of road information is undetermined.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE

Powerline information and obstructions have been extracted from the most reliable source available However, this is no assurance that all powerlines and obstructions are shown or that their locations and heights are correct.

RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials.

Horizontal Datum: Arc 1950
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

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