SERIES 1501 AIR
SHEET SH 34-4
EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 2

LEGEND

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

ROADS
- Dual highway — 4 LANES DIAL
- 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 — N3 — 6

RAILROADS

	Single track	Multiple track
Normal gauge (3'6" feet)	known	unknown
Station, position;	known	unknown
Narrow gauge	known	unknown

BOUNDARIES
- International
- First-order administrative division
- Reservation

OTHER FEATURES
- Hut, Kraal; Landmark feature; Mine
- Horizontal control point; Dam or lock
- Spot elevation: Normal; Critical — 646 — 840
- Sand; Distorted surface
- Escarpment; Levee
- Swamp or marsh; Intermittent lake; Dry lake
- Well; Spring; Land subject to inundation

VEGETATION
- Woods; Scattered trees (none shown)
- Orchards, plantations vineyards; Mangrove (none shown)

TERRAIN ELEVATIONS
HIGHEST KNOWN elevation is **5915** feet at the following coordinates:
Geographic 28°04'S, 23°32'E
Grid GD4893

HYDROGRAPHY
- Rocks awash
- Pier, breakwater
- Exposed wreck
- Reef
- Limit of danger
- Foreshore flats; Salt evaporator
- Depth curves in feet — 6 — 600

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 (H)

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 PARIS

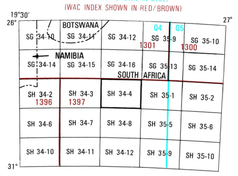
CONTROLLED AIRSPACE
- ADIZ — ATLANTIC ADIZ

CAUTION
AIR INFORMATION CURRENT THROUGH
26 AUGUST 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 8' 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 — 12 5

LOCATION DIAGRAM
GNC INDEX SHOWN IN BLUE
IWAC INDEX SHOWN IN RED/BROWN



SCALE 1:250,000
POSTMASBURG, SOUTH AFRICA

SERIES 1501 AIR
SHEET SH 34-4
EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 2

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.
Compiled October 1981.

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

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

ELEVATIONS IN FEET

ELEVATIONS IN FEET

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

SAMPLE 10,000 METER GRID SQUARE

100,000m SQUARE INDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
34J

SAMPLE 1,000 METER REFERENCE

1. Read letters identifying the 100,000 meter square in which the point lies: AB
2. Read large number labeling the VERTICAL grid line left of point. Estimate tenths (1,000 meters) from grid line to point: 1 2
3. Read large number labeling the HORIZONTAL grid line below point. Estimate tenths (1,000 meters) from grid line to point: 3 4

Example: AB1234

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

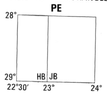
Example: 34JAB1234

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK: 1-800-455-0899; COMMERCIAL 301-227-3811; DSN 287-3811; UNCLASSIFIED EMAIL: ENTERPRISESERVICECENTER@NGA.MIL; SIPRNET: ESC@NSCN.NGA.SMIL.MIL; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP D-240, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

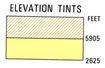
GLOSSARY

Berg(e)	mountain(s), hill(s)
Fontein	spring
Heuwel(s)	mountain(s), hill(s)
Kloof	valley, ravine, pass
Rivier	stream
Spruit	stream
Veld	plain

GEOREF
BASIC 15° QUADRANGLE
PE



ELEVATION TINTS



RELIABILITY OF THIS GRAPHIC
Compiled from best available source materials

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

Reprinted by NGA 11-08

NOTES

Only obstructions 200 feet or more above ground level are shown.

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

On this graphic a lane is generally considered as being 3.2 meters (10.5 feet) in width.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

NSN 7641014104817
NGA Ref No. 1501ASH3404

ED. NO. 004

SERIES 1501 COMPANION SHEET IS EDITION 2