SERIES 1501 AIR
SHEET SH 34–16
EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 2

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

ROADS
Dual highway — 4 LANES DUAL
All weather, hard surface
More than two lanes wide
Two lanes wide — 4 LANES
One lane wide
All weather, loose or light surface
More than two lanes wide
Two lanes wide — 4 LANES
One lane wide
Fair or dry weather, loose surface
Track; Trail
Route marker: National; Other — N9 — 8

RAILROADS
Normal gauge (1.067 meters) — 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 (none shown)
Orchards, plantations, vineyards; Mangrove (none shown)

TERRAIN ELEVATIONS
HIGHEST KNOWN elevation is 6473 feet at the following coordinates:
Geographic — 31°07'S. 23°56'E
Grid — GA8154

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

AERODROMES (Military or Civil)
Fielu 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
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
Radio facility obstruction

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

CAUTION
AIR INFORMATION CURRENT THROUGH
25 MARCH 1983
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 7' 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
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)

SH 34–6	SH 34–7	SH 34–8	SH 35–5	SH 35–6
SH 34–10	SH 34–11	SH 34–12	SH 35–9	SH 35–10
SH 34–14 1396 1397	SH 34–15	SH 34–16 SOUTH AFRICA	SH 35–13	SH 35–14
SI 34–2	SI 34–3	SI 34–4 1422 1421	SI 35–1	SI 35–2
SI 34–6	SI 34–7	SI 34–8	SI 35–5	SI 35–6

SCALE 1:250,000
VICTORIA WEST, SOUTH AFRICA
SERIES 1501 AIR
SHEET SH 34–16
EDITION 3
SERIES 1501 COMPANION SHEET IS EDITION 2

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

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
Sample point
100,000m SQUARE IDENTIFICATION
See Body of Map.
GRID ZONE DESIGNATION
34J

SAMPLE 1,000 METER REFERENCE
1. Read first two (letters/figures) identifying the 100,000 meter square in which the point lies: A8
2. Read large numbers labeling the VERTICAL grid line left of point; Estimate tenths (1,000 meters, from grid line to point: 1 2
3. Read large numbers labeling the HORIZONTAL grid line below point; Estimate tenths (1,000 meters) from grid line to point: 3 4
Example: A81234
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.
Example: 34J A81234

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 ENTERPRISE SERVICE DESK: 1-800-455-0899; COMMERCIAL 301-227-9811; DSN 287-9811; 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
Dam	reservoir
Kop	mountain, hill
Koppie	small hill, knoll
Nek	isthmus, pass
Poort	gorge
Punt	point, hill, mountain
Rivier	stream
Spruit	stream

ELEVATION TINTS
FEET
5906
2625

RELIABILITY OF THIS GRAPHIC
Compiled from best available source materials.

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

GEOREF BASIC 15° QUADRANGLE
PD
HP JP
22°30' 23° 24°

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 on the Freeways and National Routes.

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