

SERIES 1501 AIR SHEET SH 33-12 EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 2

**CAUTION**  
**AIR INFORMATION CURRENT THROUGH 16 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.

**LEGEND**

**POPULATED PLACES**

- First importance: **PRETORIA**
- Second importance: **PIETERSBURG**
- Third importance: **Standerton**
- Fourth importance: **Alexandria**
- Fifth importance: **Mogale**

**ROADS**

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

**RAILROADS**

- Normal gauge 1,067 meters (3'6")
- Station: position, name
- Narrow gauge 810 meters (2'0")
- Single track
- Multiple track
- known
- unknown

**BOUNDARIES**

- International
- First-order administrative division
- Registration

**OTHER FEATURES**

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

**VEGETATION**

- Woods, Scattered trees
- Ditch, plantation, vineyard, Mangrove

**TERRAIN ELEVATIONS**

HIGHEST KNOWN elevation is **5220** feet at the following coordinates:  
Geographic: **30°09'S, 17°58'E**  
Grid: **YS8861**

**HYDROGRAPHY**

- Rocks, wash
- Pier, breakwater
- Exposed wreck
- Rief
- Limit of danger
- Foreshore flats, Salt evaporator
- Depth curves in feet

**AERODROMES (Military or Civil)**

- Field limits with runway pattern
- EDNA-Name
- 50 Length of longest runway to nearest hundreds of feet
- 5 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**

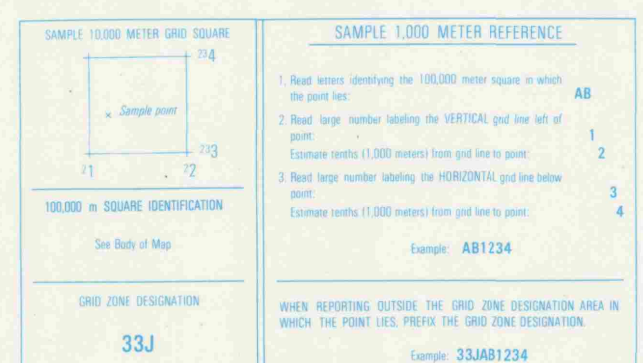
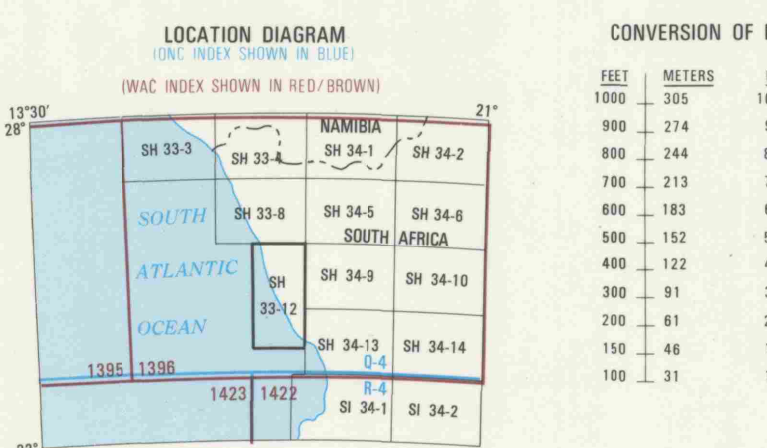
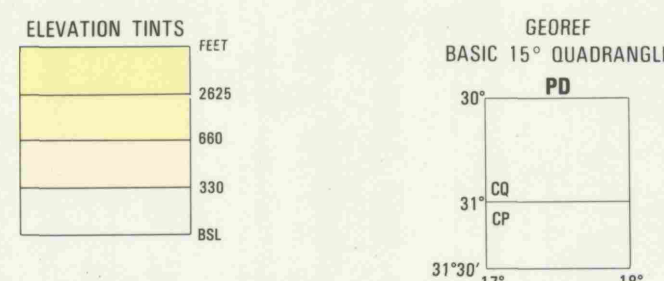
- Obstruction
- 1108 Elevation of obstruction top, above sea level
- (259) Elevation of obstruction top, above ground level
- Group obstruction
- Radio facility obstruction
- Power transmission line
- Visual ground sign
- Aero light, Marine light

**RADIO FACILITIES**

- RADIO RANGE LF/MF
- MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE
- ADIZ

**NOTES**

No obstructions 200 feet or more above ground level are known to exist in this area.  
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.  
A lane is generally considered as being 3.2 meters (10.5 feet) in width on the Freeway and National Routes.  
The reliability of road information is undetermined.  
THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITY.



**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 (towers, antennas, etc.). In areas of extensive unrelieved relief, the MEF is shown by a note spaced across the area.

**EXAMPLE: 12,500 feet**

**125**

**RELIABILITY OF THIS GRAPHIC**

Compiled from best available source materials

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

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

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**SCALE 1:250,000**  
**GARIES, SOUTH AFRICA**

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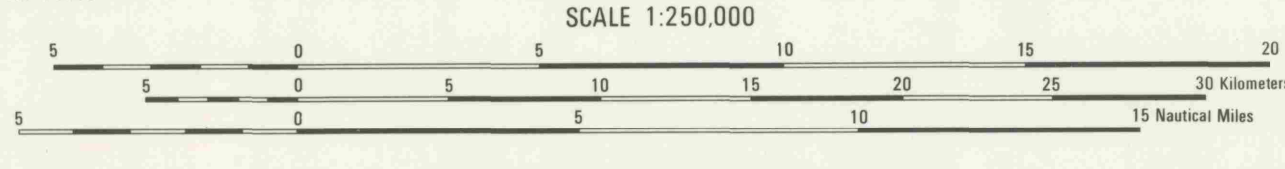
USERS SHOULD REFER TO THE DEFENSE MAPPING AGENCY AEROSPACE CENTER, ST. LOUIS, MISSOURI 63118, ATTN: PP (U.S. USERS) OR THE DEFENSE MAPPING AGENCY AEROSPACE CENTER, ST. LOUIS, MISSOURI 63118, ATTN: PP (U.S. USERS) FOR INFORMATION ON THIS PRODUCT.

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

**ELEVATIONS IN FEET**  
**DEPTHS IN FEET**

**JOINT OPERATIONS GRAPHIC (AIR)**

**ELEVATIONS IN FEET**  
**DEPTHS IN FEET**



**GLOSSARY**

Bay, Berg (e), Channel, Cove, Embayment, Estuary, Fjord, Gorge, Inlet, Lagoon, Lake, Marsh, Pond, Pool, Reef, Shoal, Strait, Tidal Flat, Tidal Stream, Valley, Vene, Watercourse, Wetland, etc.

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