

SERIES 1501 AIR SHEET SH 36-2 EDITION 4  
SERIES 1501 COMPANION SHEET IS EDITION 2

**LEGEND**

**POPULATED PLACES**

Over 100,000  
25,000 to 100,000  
10,000 to 25,000  
1,000 to 10,000  
Less than 1,000

**ROADS**

All weather, hard surface  
Two or more lanes  
One lane  
All weather, loose or light surface  
Two or more lanes  
One lane  
Fair or dry weather, loose surface  
Cul track  
Footpath, trail

**ROUTE MARKERS**

National, Secondary

**RAILROADS**

Normal gauge 1.067m (3'6")  
Narrow gauge .610m (2')  
Station

**BOUNDARIES**

International  
Primary administrative  
Reservation

**HORIZONTAL CONTROL POINT**

Trigonometric position

**TERRAIN ELEVATIONS**

HIGHEST elevation is 2735 feet at 28°23'S, 31°31'E  
Spot elevation: Normal, Critical  
Area name: KANONKOU  
Church, School  
Kraal, Landmark, feature, Mine  
Dune, Crescent, lateral  
Sand  
Distorted surface  
Escarpment, Levee  
Isolated rock, Mound, Cliff

**VEGETATION**

Woods-brushwood  
Scattered trees  
Orchard, plantation, vineyard

**HYDROGRAPHY**

Well, Spring, Salt evaporator  
Wadi, Sebka, Intermittent lake  
Land subject to inundation  
Swamp, marshy, Rice paddy  
Depth curves in feet  
Wreck: Exposed, Sunken  
Rocks: Awash, Sunken  
Foreshore flat, Mangrove  
Limit of danger: Reef

**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**

**RADIO FACILITIES**

VHF OMNI RANGE (VOR)  
VORTAC  
TACAN  
VOR with DME  
Other facilities

**CONTROLLED AIRSPACE**

ATLANTIC ADIZ

**VISUAL AIDS AND OBSTRUCTIONS**

Obstruction  
1188 - Elevation of obstruction top, above sea level  
1259 - Elevation of obstruction top, above ground level  
Group obstruction  
Radio facility obstruction  
Power transmission line  
Visual ground sign  
Aero light, Marine light

**CAUTION**

**AIR INFORMATION CURRENT THROUGH 30 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.

**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.).

EXAMPLE: 12,500 feet

**125**

**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
100	41	1000	407
0	0	0	0

**LOCATION DIAGRAM**

(ONC QS COVERS ENTIRE AREA)  
(WAC INDEX SHOWN IN BROWN)

SWAZILAND  
REPUBLIC OF SOUTH AFRICA  
LESOTHO

INDIAN OCEAN

**SCALE 1:250,000**

EMPAINGEN, REPUBLIC OF SOUTH AFRICA

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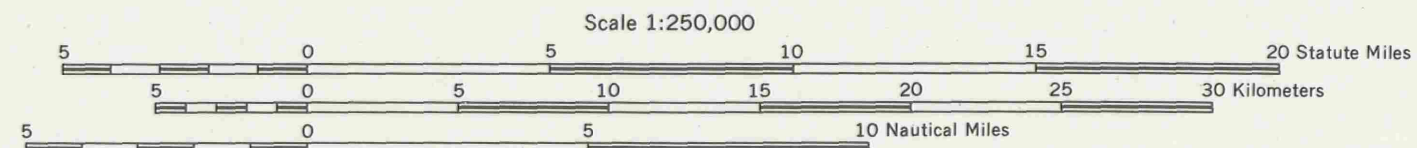
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Composed April 1972. Revised by DMAAC, January 1976.

ELEVATIONS IN FEET  
DEPTH IN FEET

**JOINT OPERATIONS GRAPHIC (AIR)**



CONTOUR INTERVAL APPROXIMATELY 165 FEET WITH SUPPLEMENTARY CONTOURS AT 85 FOOT INTERVALS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 36, CLARKE 1880 SPHEROID

**GRID ZONE DESIGNATION: 36J**

10000 M. SQUARE IDENTIFICATION

UD	VE	UD	VE
UD	VE	UD	VE
UD	VC	UD	VC
UD	VD	UD	VD
UC	VE	UC	VE
UC	VC	UC	VC
UC	VD	UC	VD
UC	VE	UC	VE
UC	VC	UC	VC
UC	VD	UC	VD

KNOW: THE SMALLER figure of any grid number. Blue and red figures are for listing the full coordinates. Use ONLY the LARGER figure of the grid number; example: 36J0428

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

SAMPLE POINT: TENSION LUM

- Read letters identifying 10,000 meter square on which the point lies.
- Look for vertical grid line left of point and read LARGE figure labeling the line either on the top or bottom margin, or on the line itself.
- Estimate tenths from grid line to point.
- Look for horizontal grid line below point and read LARGE figure labeling the line either on the left or right margin, or on the line itself.
- Estimate tenths from grid line to point.

SAMPLE REFERENCE: 36J0428

If starting beyond 9° 5' or 18° 5' N, prefix Grid Zone Designation as: 36J042828

**GLOSSARY**

Dam  
-island  
-stake

reservoir  
island  
station

**ELEVATION TINTS**

FEET	FEET
2625	8100
985	3000
660	1972
330	1068-10
	1964-66

RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

Horizontal	within 4100'
Contours	within 80'
Man-made features	1972
Air information	1972
Coastal hydrography	1968-69
All other features	1964-66

Graphic not field checked

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

8-83 Printed by Defense Mapping Agency Hydrographic/Topographic Center.

**NOTES**

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

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

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

THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITY.

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