

**LEGEND**

**POPULATED PLACES**

1st importance SALISBURY  
2nd importance NDOLA  
3rd importance LIVINGSTONE  
4th importance Balovale  
5th importance Mazunga

**ROADS**

All weather, hard surface:  
Two or more lanes wide  
Principal route  
Secondary route  
Less than two lanes wide  
Principal route  
Secondary route

All weather, loose or light surface:  
Two or more lanes wide  
Principal route  
Secondary route  
Less than two lanes wide  
Principal route  
Secondary route

Fair or dry weather  
loose surface dirt road  
Principal route  
Secondary route  
Cargash  
Trail (footpath)

**RAILROADS**

Normal gauge 3'6" (1.067m)  
Narrow gauge

**BOUNDARIES**

International  
Province (Zambia)  
District (Zambia)  
Circumscriptio (Angola)  
Tribe/Tribelet and National Park, Forest and Game Reserve

**RELIEF**

Spot elevation: Normal: Critical  
Following an elevation value indicates that the value is approximate  
Horizontal control point: Trig: Astro  
Escarpment

**MISCELLANEOUS**

Kraal, Landmark feature  
School, Church  
Boundary pillar  
Woods-brushwood: Scattered trees, low growth  
Dambos  
Tree cultivation  
Swamp or marsh  
Distorted surface: Sand  
Reef: Limit of danger  
Rocks: Sunken, Awash  
Foreshore flat  
Power transmission line  
**CAUTION:** Power line information has been extracted from the most reliable source available. However, there is no assurance that all power lines are shown.

**AERODROMES (Military or Civil)**

Field limits with runway pattern  
EDNA-Name  
50 - Length of longest runway to nearest hundreds of feet  
+ Soft or unimproved surface  
725 - Elevation  
Field limits: with runway pattern unknown  
Field limits unknown: with runway pattern  
Field limits and runway pattern unknown

**SEAPLANE BASE**  
**SEAPLANE (EMERGENCY)**

**HELIPORT**

**RADIO FACILITIES**

RADIO RANGE LF/MF  
MULTIPLE RADIO FACILITIES

**CONTROLLED AIRSPACE**  
ADIZ  
MONTREAL SIZ  
SIZ

**MAGNETIC VARIATION**  
Isogonic line

**VISUAL AIDS AND OBSTRUCTIONS**

Obstruction  
110P - Elevation of obstruction top above sea level  
260 - Elevation of obstruction top above ground level

Group obstruction  
Radio facility obstruction  
Ocean station vessel (Normal position)  
Visual ground sign  
Aero light: Marine light

**CAUTION**  
AIR INFORMATION CURRENT THROUGH 7 MARCH 1968  
Consult Notices to Airmen (NOTAMS) and Flight Information Publications (FIPs) for the latest air information; the Chart Update Manual (CHUM) for other chart revision information.  
HIGHEST TERRAIN elevations for each 15 MINUTE QUADRANGLE are represented in THOUSANDS and HUNDREDS of feet. They are omitted where said information is inadequate. A minus sign (-) following the figure indicates that the figure is based on an estimated elevation.

51 81



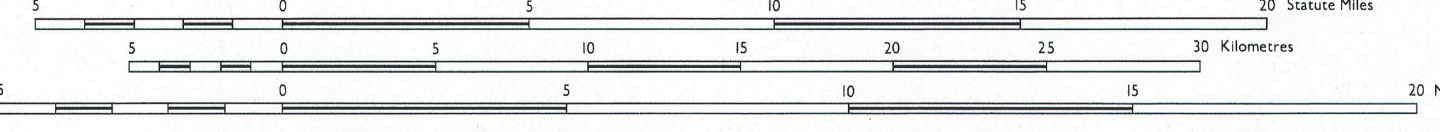
Published by D. Survey, Ministry of Defence, United Kingdom, 1968  
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Compiled by SPC, RE in 1967

ELEVATIONS IN FEET

**JOINT OPERATIONS GRAPHIC-AIR**

ELEVATIONS IN FEET

**NOTE: MAP SOURCES BETWEEN ANGOLA AND ZAMBIA ARE IRRECONCILABLE**



**LOCATION DIAGRAM FOR SD 34-15 (WAC INDEX SHOWN IN BLUE)**

SD 34-1	SD 34-2	SD 34-3	SD 34-4	SD 34-5	SD 34-6	SD 34-7	SD 34-8	SD 34-9	SD 34-10	SD 34-11	SD 34-12	SD 34-13	SD 34-14	SD 34-15	SD 34-16	SD 34-17	SD 34-18	SD 34-19	SD 34-20
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**GEOREF**  
BASIC 15' QUADRANGLE PE

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

**SCALE 1:250,000**  
**NERIQUINHA**  
**ANGOLA, ZAMBIA**

SERIES 1501 AIR  
SHEET SD 34-15  
EDITION I-GSGS

**GRID ZONE DESIGNATION**

34 L

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1,000 METRES

**SIMPLE FORM**  $34LW900000$

1. Read across identifying 100,000-metre square in which the point lies.

2. Locate East VERTICAL grid line on LEFT of point and read LARGE figure showing the line either in the top or bottom margin or on the line itself.

3. Locate East HORIZONTAL grid line BELOW point and read LARGE figure showing the line either in the top or right margin or on the line itself.

4. Estimate tenth from grid line to point.

**SAMPLE REFERENCE**  $34LW900000$

If spacing beyond 9 N'S or 8 S-W grid lines, Grid Zone Designation is  $34LW900000$

TRANSVERSE MERCATOR PROJECTION

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

LINES OF EQUAL MAGNETIC VARIATION FOR 1968 (Annual rate of change 2' decrease)

USERS SHOULD REFER CONNECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-855-8986, COMMERCIAL: 314-353-8844, OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 148, 4600 SANDHAMORE ROAD, BETHESDA, MD 20818-5002.

**GLOSSARY**

Circumscriptio administrative division  
Dambos land subject to inundation  
District administrative division  
Kraal village  
Lega lake  
BP boundary pillar  
FR Forest Reserve

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ED. NO 001

SERIES 1501 AIR  
SHEET SD 34-15  
EDITION I-GSGS