SERIES 1501 AIR
SHEET ND 19-15
EDITION 1

SERIES 1501 COMPANION SHEET IS EDITION 1

ELEVATION TINTS

FEET
660
330
BSL

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE	AREA I	AREA II
Horizontal ..... Contours	within 410ft. 330ft.	within 410ft. 330ft.
GRAPHIC FEATURE	DATE OF INFORMATION AREA I	AREA II
Coastal hydrography	1975	1975
All other features	1962	1963

Road information not verified by reconnaissance.
Graphic not field checked.

Horizontal Datum: Provisional South American Datum of 1956
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

To Refer This Sheet To South American 1969 Datum: Subtract 10.5 Seconds From The Absolute Latitude Value And Add 5.6 Seconds To The Absolute Longitude Value; Subtract 334 Meters From The UTM Grid Northing Value And Subtract 171 Meters From The UTM Grid Easting Value.

POPULATED PLACES ..... ○
Second importance ..... WILLEMSTAD
Fourth importance ..... Kralendijk

ROADS
Dual highway
All weather, hard surface
Two lanes wide
Fair or dry weather, loose surface
Cart track

RAILROADS
Narrow gauge ..... Single track

VEGETATION
Woods
Plantation
Mangrove

OTHER FEATURES
Landmark
Horizontal control point
School
Tank
Sand
Distorted surface

HYDROGRAPHY
Depth curve in feet
Exposed wreck
Disappearing stream
Land subject to inundation
Perennial lake, unsurveyed shoreline
Salt evaporator

NOT TO BE USED FOR SURFACE OR SUBSURFACE NAVIGATION

DQ EQ
DP EP

EQ FQ
EP FP

CARIBBEAN SEA

LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)

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

GEOREF
BASIC 15° QUADRANGLE
HG
13°
12°
FN
GN
69°30'
69°
68°

CAUTION
AIR INFORMATION CURRENT THROUGH 15 MAY 1980
Consult NOTAMS and Flight Information Publications for the latest 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 10' increase)

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.
Compiled February 1980.

SCALE 1:250,000
WILLEMSTAD
NETHERLANDS ANTILLES

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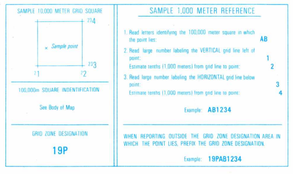
GLOSSARY

-baai	bay, biobt
Berg, -berg	mountain
Boca	bight
Cerro	hill
Dorp, -dorp	village
-gat	harbor
Klip	hill
Landhuis	country house
Punt, -punt, Punta, Punt'i	point



JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 Statute Miles
5 0 5 10 15 Kilometers
5 0 5 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 19, INTERNATIONAL SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0809; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-89, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

AERODROMES (Military or Civil)
Field 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 FACILITIES
RADIO RANGE LF/MF — RNG HURN
MULTIPLE RADIO FACILITIES — NDB-RNG PARIS

CONTROLLED AIRSPACE
ADIZ — ATLANTIC ADIZ

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

TERRAIN ELEVATIONS
Spot elevation: normal; critical — *338 *1108
HIGHEST KNOWN elevation is 1232 feet at the following coordinates:
Geographic — 12°20'N, 69°07'W
Grid — DP8764

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 12 5

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

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DEPTHS IN FEET — ELEVATIONS IN FEET — ELEVATIONS IN FEET — DEPTHS IN FEET