SERIES 1501 AIR
SHEET NA 19-4
EDITION 1

ELEVATION TINTS

FEET
1970
985
495
185

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE	AREA I	AREA II	AREA III
Horizontal ———	within 8000 ft	within 425 m	within 425 m
Contours ———	unknown	unknown	85 ft

GRAPHIC FEATURE	DATE OF INFORMATION AREA I	AREA II	AREA III
All other features	1982	1991	1984

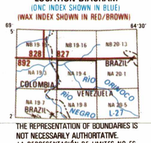
Graphic not field checked

Horizontal Datum: World Geodetic System 84
Vertical datum: Mean Sea Level
Transverse Mercator Projection

GLOSSARY

Campo de aterrizaje ..... airfield
Caño ..... stream
Comisaría ..... first-order administrative division
Informe de pista ..... runway
sin confirmación ..... existence reported
Isla ..... island
Posición aproximada .... position approximate
Territorio federal ..... first-order administrative division

LOCATION DIAGRAM
(DNC INDEX SHOWN IN BLUE)
(WAX INDEX SHOWN IN RED/BROWN)

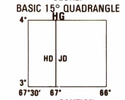


THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.
LA REPRESENTACIÓN DE LÍMITES NO ES NECESARIAMENTE AUTHORITIVE

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



CAUTION

AIR INFORMATION CURRENT THROUGH 4 MARCH 1993

Consult NOTAMS and Flight Information Publications for the latest air information; the DMA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION
FOR 1990
(Annual rate of change 11' increase)
LÍNEAS DE IGUAL VARIACIÓN MAGNÉTICA PARA 1990
(Cambio anual 11' aumenta)

CAUTION

Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact

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 obstruction (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

SCALE 1:250,000
SAN ANTONIO,
VENEZUELA; COLOMBIA

SERIES 1501 AIR
SHEET NA 19-4
EDITION 1

Prepared and published by the DMA Aerospace Center,
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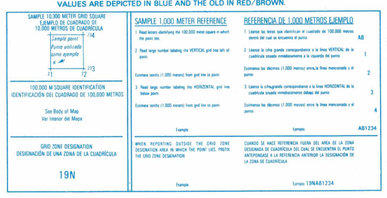
63118-3399. Compiled September 1992.

MAP INFORMATION AS OF 1984 INFORMACIÓN CARTOGRÁFICA EN LA FECHA DE 1984

DMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM. UNTIL ALL ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED, THE NEW GRID VALUES ARE DEPICTED IN BLUE AND THE OLD IN RED/BROWN.



ROADS — CAMINOS
All weather, hard surface
Transitable todo el año, superficie solida
Two or more lanes wide ..... 2 LANES 2 VÍAS
Dos o más vías de ancho.....
One lane wide
Una vía de ancho.....
All weather, loose or light surface
Transitable todo el año, superficie suelta o ligera
Two or more lanes wide ..... 2 LANES 2 VÍAS
Dos o más vías de ancho.....
One lane wide
Una vía de ancho.....
Fair or dry weather, loose surface
Transitable en tiempo bueno o seco, superficie suelta .....
Cart track Camino de herradura .....
Trail (footpath) Sendero .....

RAILROADS — FERROCARRILES

	Single track Una vía	Multiple track Vía múltiple
Normal gauge 0.914m (3') 0.914 metros — Vía ancha o normal		
Narrow gauge Vía angosta		

BOUNDARIES — LÍMITES
International Internacional.....
First-order administrative division División administrativa de primera.....

VEGETATION — VEGETACIÓN
Woods; Mangrove Bosque; Manglar.....
Orchard-vineyard; Swamp Huerta-viñedo; Cienaga .....

Some No Tree / Some No Tree

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 165 FEET
EQUIDISTANCIA APROXIMADA DE LAS CURVAS DE NIVEL 165 PIES

COORDINATE CONVERSION WGS 84 TO BOGOTA
Grid: Subtract 393m E., Add 322m N.
Geographic: Add 13.0" Long., Add 10.4" Lat.
CONVERSIÓN DE COORDENADAS DEL SISTEMA GEODESICO MUNDIAL AL SISTEMA DE DATUM BOGOTA
Coordenadas Cuadriculares: Restar 393m E., Agregar 322m N.
Coordenadas Geográficas: Agregar 13.0" Long., Agregar 10.4" Lat.

COORDINATE CONVERSION WGS 84 TO PSA 56
Grid: Add 212m E., Add 369m N.
Geographic: Subtract 6.8" Long., Add 11.9" Lat.
CONVERSIÓN DE COORDENADAS DEL SISTEMA GEODESICO MUNDIAL AL SISTEMA DE DATUM PSA 56
Coordenadas Cuadriculares: Agregar 212m E., Agregar 369m N.
Coordenadas Geográficas: Restar 6.6" Long., Agregar 11.9" Lat.

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID; ZONE 19, WORLD GEODETIC SYSTEM ELLIPSOID
LÍNEAS NUMERADAS EN AZUL INDICAN 10,000 METROS DE LA CUADRÍCULA UNIVERSAL TRANSVERSA DE MERCATOR ZONA 19, ELIPSOIDE DEL SISTEMA GEODÉSICO MUNDIAL
RED/BROWN NUMBERED TICKS INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 19, INTERNATIONAL ELLIPSOID.
TRAZOS DE REFERENCIA NUMERADOS EN MARRÓN ROJIZO INDICAN LA CUADRÍCULA UNIVERSAL TRANSVERSA DE MERCATOR DE INTERVALOS DE 10,000 METROS, ZONA 19, ELIPSOIDE INTERNACIONAL

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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AERODROMES (Military or Civil)
AERODROMES (Militares o civiles)
EDNA/50/s 725
Runway pattern known .....
Configuración de pista conocida
EDNA–Name
EDNA–Nombre del aerodromo
50–Length of longest runway to nearest hundreds of feet
50– Longitud de la pista en la centena de pies más cercana
s–Soft or unimproved surface
s–superficie suelta o no mejorada
u–Unknown surface
u–superficie desconocida
725–Elevation
725–Elevación
Runway pattern unknown .....
Configuración de pista desconocida
HELIPORT/HELIPAD .....
HELIPUERTO/PLATAFORMA DE HELIPUERTO
HELIPORT/HELIPAD AT HOSPITAL .....
HELIPUERTO/PLATAFORMA DE HELIPUERTO UBICADO/A EN UN HOSPITAL

CONTROLLED AIRSPACE
ESPACIO AÉREO CONTROLADO
ATLANTIC ADIZ
ADIZ
ADIZ (ZONA DE IDENTIFICACION DE DEFENSA AÉREA)

RADIO FACILITIES
INSTALACIONES DE RADIO
RADIO RANGE LF/MF ..... RNG HURN
RADIOFARO LF/FM
MULTIPLE RADIO FACILITIES ..... NDB-RNG PARIS
INSTALACIONES MÚLTIPLES

RADIO AIDS TO NAVIGATION
RADIOAYUDAS A LA NAVEGACION
VHF OMNI RANGE (VOR) .....
RADIOFARO OMNIDIRECCIONAL VHF (VOR)
VORTAC .....
VORTAC
TACAN .....
TACAN
VOR with DME .....
VOR Y DME INSTALADOS CONJUNTAMENTE
Other facilities .....
Otras instalaciones

VISUAL AIDS AND OBSTRUCTIONS
OBSTACULOS Y AYUDAS VISUALES
Obstruction Obstáculo 1033 (350)
1033 –Elevation of obstruction top, above sea level.
Elevación de la cúspide, sobre el nivel medio del mar
(350) –Elevation of obstruction top, above ground level.
Elevación de la cúspide, sobre el nivel del terreno
Group Obstruction Grupo de obstáculos .....
Radio facility obstruction Obstáculo constituido por una instalación de radio.
Power transmission line Línea de alta tensión .....
Visual ground sign Señal terrestre visual ..... M
Aero light; Marine light .....
Luz aeronáutica. Luz marina

TERRAIN ELEVATIONS ELEVACIONES DEL TERRENO
Spot elevation, Normal; Critical 870 1910
Punto acotado, Normal; Crítico
HIGHEST elevation is unknown
Cota MÁXIMA es desconocida

ELEVATIONS IN FEET
ELEVACIONES EN PIES

NOTES—NOTAS
No obstructions 200 feet or more above ground level are known to exist in this area.
En esta zona no se conocen obstáculos de 200 pies (ft) o más de altura sobre el nivel del terreno.
Caution: Not all telephone and electric service lines are shown.
Precaución: No se muestran todas las líneas telefónicas ni de servicia eléctrica.
Se de refiere a la clasificación de caminos con cuidado.
THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.
LA REPRESENTACIÓN DE LÍMITES NO ES NECESARIAMENTE AUTHORITIVE.

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