



SERIES 1501 AIR SHEET NC 16-4 EDITION 3

**GLOSSARY-GLOSARIO**

Almacén	warehouse
Arroyo	creek
Bahía	bay
Barra	bar
Boca	mouth, entrance, estuary
Bocana	bay
Campamento	camp
Caño	stream
Cascada	waterfall
Cayo	key, island (small)
Cementerio	cemetery
Cerro	hill
Colonia agrícola	agricultural experimental station
Comarca	district
Departamento	first-order administrative division
Estero	cove, small bay, inlet
Estero	lowland, salt marsh
Isla	island
Lago	lake
Laguna	pond
Llanos	plains
Lodo	mud
Loma	hill
Montaña	mountain
Paseo	mountain pass, crossing
Piedras	stone rock
Provincia	first-order administrative division
Punta	point
Quebrada	stream
Rápido	rapids
Rio	stream
Rocas	rocks
Saño	river, waterfall
Volcán	volcano

**CAUTION**  
AIR INFORMATION CURRENT THROUGH 27 JUNE 1989  
Consult NOTAMS and Flight Information Publications for the latest information; the OOD Aeronautical Chart Updating Manual or MDD (I, K) Aeronautical Chart Amendment Document for other chart revision information.

NOT TO BE USED FOR SURFACE OR SUBSURFACE NAVIGATION  
NO PUEDE USARSE PARA NAVEGACION SOBRE O, BAJO LA SUPERFICIE DEL MAR

**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
800	274	9000	2743
600	244	8000	2438
400	213	7000	2134
200	183	6000	1829
100	152	5000	1524
50	152	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305

**LOCATION DIAGRAM**  
(LINE INDEX SHOWN IN BLUE; WAC INDEX SHOWN IN RED/BROWN)

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. in cooperation with the DGC, Nicaragua and IGCNR, Costa Rica. Compiled October 1977.

**ATTENTION**  
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)

The Maximum Elevation Figures shown in quadrangles bounded by solid lines of latitude and longitude are represented in TROPICAL and METERS and FEET above mean sea level. The MEF is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

**EXAMPLE: 1250 feet**

**125**

**REFERENCIA DE 1,000 METROS EJEMPLO**

1. Read across identifying the 1000-foot contour on which the point lies.	2. Move to the 1000-foot contour on which the point lies.	3. Move to the 1000-foot contour on which the point lies.	4. Move to the 1000-foot contour on which the point lies.
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**ROADS-CAMINOS**  
All weather, hard surface.  
Torneado todo el año, afirmado sólido.  
Two lanes wide. Ancho de dos vías.  
One lane wide. Una vía de ancho.  
All weather, loose or light surface.  
Torneado todo el año, afirmado suave o ligero.  
Two lanes wide. Ancho de dos vías.  
One lane wide. Una vía de ancho.  
Fair or dry weather, loose surface.  
Torneado en tiempo bueno o seco, afirmado suave.  
Cart track, "venda" de rodadura.  
Road marker: Señal de ruta.

**RAILROADS-FERROCARRILES**  
Normal gauge 4' 8 1/2" (1.44 m) - Via normal.  
Narrow gauge - Vía estrecha.

**BOUNDARIES-LIMITES**  
International-Internacional  
First-order administrative division-Departamento, Provincia

**VEGETATION-VEGETACION**  
Woods-Bosque  
Orchard, vineyard, plantation-Huerto, viñedo, plantación

**JOINT ELEVATIONS GRAPHIC (AIR)**  
SCALE 1:250,000

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

CONTOUR INTERVAL APPROXIMATELY 330 FEET  
CURVAS DE NIVEL A INTERVALOS DE 330 PIES

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONES 16 AND 17, CLARKE 1866 SPHEROID  
LAS LINEAS AZULES INDICAN LA CUADRICULA UNIVERSAL TRANSVERSA DE MERCATOR A 10,000 METROS, ZONAS 16 Y 17, ESFEROID DE CLARKE 1866

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO:  
DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER, ATTN: PH, WASHINGTON, D.C. 20315-0030

**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.

**ELEVATION TINTS**

885
660
330
0

**AERODROMES (Military or Civil)**  
AERODROMOS (Militares o Civiles)

Runway pattern known  
Diseño de pista de aterrizaje conocido

EDNA-Name Number  
50-Length of longest runway to nearest hundreds of feet  
Longitud de la pista más larga a los centenas de pies más próximas

Soft or unimproved surface Superficie suave o no mejorada  
375-Elevation "Altitud"

Runway pattern unknown  
Diseño de pista de aterrizaje desconocido

HELIPORT/HELIPAD  
HELIPORT/ESTACION PARA HELICOPTEROS  
HELIPORT/HELIPAD AT HOSPITAL  
HELIPORT/ESTACION PARA HELICOPTEROS EN UN HOSPITAL

CONTROLLED AIRSPACE ESPACIO AEREO CONTROLADO  
ATLANTIC ADIZ

**VISUAL AIDS AND OBSTRUCTIONS**  
AUXILIOS VISUALES Y OBSTRUCCIONES

Obstruction-Obstrucción  
1108-Elevation of obstruction top, above ground level  
Altitud de obstrucción punta, sobre el nivel del mar

(259)-Elevation of obstruction top, above ground level  
Altitud de obstrucción punta, sobre el nivel del suelo

Group obstruction-Grupo de obstrucciones

Radio facility obstruction-Obstrucción de facilidades de radio

Power transmission line-Línea de alta tensión

Visual ground sign-Señal de tierra visual

Aero light, Marine light-Luz aérea, Luz marina

**TERRAIN ELEVATIONS-ELEVACIONES DE TERRENO**  
Spot elevation-normal: critical-Cota: normal, crítica  
45' 151

HIGHEST KNOWN ELEVATION IS 2359 feet at the following coordinates:  
Geographic: 11°19'N, 84°04'W  
Grid: 161953, 841953  
Elevation más alta conocida es 2359 pies en las siguientes coordenadas:  
Coordenadas Geográficas: 11°19'N, 84°04'W  
Coordenadas cuadrículas: 161953, 841953

**NOTES-NOTAS**  
Powerlines are shown except within populated place limits. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.  
Las líneas de alta tensión se muestran en los lugares populosos coloreados. Otras obstrucciones se muestran si se encuentran a 200 pies o más sobre el nivel del suelo. Véase la nota de precaución.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

NO SE GARANTIZA NECESARIAMENTE LA REPRESENTACION DE LIMITES INTERNACIONALES.  
En este gráfico a línea es generalmente construida a una anchura de 2.44 a 3.66 metros (8 to 12 feet) in width.

On this graphic a line is generally constructed to a width of 2.44 to 3.66 meters (8 to 12 feet) in width.

Names for symbolized populated places are omitted where information is not available.  
Los nombres de algunas poblaciones se han omitido por falta de información.

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.  
EL ALINEAMIENTO DE TODOS LOS LIMITES ESTA APROXIMADO.

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