

SERIES 1501 AIR SHEET NF 17-5 EDITION 5

SERIES 1501 COMPANION SHEET IS EDITION 3

POPULATED PLACES-LUGARES POBLADOS

More than 100,000 **LA HABANA**
 30,000-100,000 **CÁRDENAS**
 10,000-30,000 **Trinidad**
 3,000-10,000 **Maríel**
 Less than 3,000 **Cuba**

ROADS-CARRETERAS

Dual highway **4 LANES DUAL**
 De doble calzada **4 VÍAS DOBLE**

All weather, hard surface **3 LANES**
 Transitable todo el año, pavimento sólido **3 VÍAS**

More than two lanes wide **3 LANES**
 Más de dos vías de ancho **3 VÍAS**

Two lanes wide - Dos vías de ancho **3 LANES**
 Two lanes wide - Una vía de ancho **3 LANES**

All weather, loose or light surface **3 LANES**
 Transitable todo el año, pavimento suelto o ligero **3 VÍAS**

More than two lanes wide **3 LANES**
 Más de dos vías de ancho **3 VÍAS**

Two lanes wide - Dos vías de ancho **3 LANES**
 Two lanes wide - Una vía de ancho **3 LANES**

Fair or dry weather, loose surface **3 LANES**
 En época buena o seca, pavimento suelto **3 VÍAS**

Cart track - Footpath, trail **3 LANES**
 Camino para carreta, riel, sendero **3 VÍAS**

Route marker - Señal de ruta **3 LANES**

RAILROADS-FERROCARRILES

Normal gauge (4'8 1/2") - Via normal (1.44M) **Single track**
 Una vía **Single track**

Narrow gauge - Via estrecha **Multiple track**
 Una vía **Multiple track**

Aerial cableway, etc. - Teleférico, etc.

BOUNDARIES-LIMITES

First-order administrative division **Linea geográfica o territorial**

OTHER FEATURES-OTROS DETALLES

Horizontal control point: Landmark, Mine **Pointe de control horizontal: Marca Terrestre, Mina**

Levee: Dam or lock: Sand **Maldición: Represa o esclusa: Arena**

Expansed wreck: Nadrifido: desmoronamiento

VEGETATION-VEGETACIÓN

Woods- Bosque

Orchard: Scattered trees-Huertos, Árboles solos

HYDROGRAPHY-HIDROGRAFÍA

Depth curve feet: Curvas de profundidad en pies **Falls: rapids-Cascadas, coracón**

Salt evaporator-Salinas **Swamp or marsh: Pantano o ciénaga**

Mangrove-Manglar **Reef: Limit of danger: Arrecife, Límite de peligro**

Rocks: Awarash-Roca: a flor de agua **Foreshore flat-Banco de arenales**

Elevated aqueduct **Intermittent stream**

TERRAIN ELEVATION-ELEVACIONES DEL TERRENO

Spot elevation, normal, crest: Cota, normal, cúspide **HIGHEST KNOWN ELEVATION IS 2270 feet at the following coordinates:**

Geographic: 22°47'N, 83°21'W **Grid: NF5722**

ELEVACIÓN MÁS ALTA conocida es 2270 pies en las coordenadas siguientes:

Geográfica: 22°47'N, 83°21'W **Grid: NF5722**

The accuracy of all elevations shown on this graphic is within 100 feet. **Las elevaciones indicadas en este gráfico se encuentran dentro de 100 pies de exactitud.**

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

Runway pattern known **EDNA/50's**
 Diseño de pista de aterrizaje conocido **725**

EDNA-Name: Noticia **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 desconocida**
 Unknown surface: Superficie desconocida **725-Elevation: Altitud**

RADIO AIDS TO NAVIGATION RADIO ASISTENCIA A LA NAVEGACION

VHF OMNI RANGE (VOR) **VHF OMNI RANGE (VOR)**

VORTAC **TACAN**

VOR with DME **VOR con DME**

Other facilities: Otras facilidades

RADIO FACILITIES-FACILIDADES DE RADIO

RADIO RANGE LEMF **ALCANCE DE RADIO LEMF**

MULTIPLE RADIO FACILITIES **MÚLTIPLES FACILIDADES DE RADIO**

CONTROLLED AIRSPACE-ESPACIO AÉREO CONTROLADO

ADIZ **ATLANTIC ADIZ**

VISUAL AIDS-AYUDAS VISUALES Y OBSTRUCCIONES

Obstruction **Obstrucción**

1108-Elevation of obstruction top, above sea 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**

POWER TRANSMISSION LINES-LÍNEAS DE ALTA TENSIÓN

Visual ground sign **Señal de tierra visual**

Aero light, Marine light **Luz aérea, Luz marina**

CAUTION

Vertical obstructions, including geosites, have been selected from the most reliable sources available. However, there is no assurance that all are shown, or that their location or height is exact.

NOTES-NOTAS

Powerlines are shown except within populated place tints. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.

Prepared and published by the Defense Mapping Agency. **Preparados y publicados por el Defense Mapping Agency.**

Compiled March 1980. Revised August 1994. **MAP INFORMATION AS OF 1994 INFORMACIÓN CARTOGRÁFICA EN LA FECHA DE 1994**

CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
100	30.5	1000	304.8
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

SCALE 1:250,000 PINAR DEL RIO, CUBA

SERIES 1501 AIR SHEET NF 17-5 EDITION 5

SERIES 1501 COMPANION SHEET IS EDITION 3



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.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.

EXAMPLE: 12,500 feet **125**

CAUTION

AIR INFORMATION CURRENT THROUGH 25 JULY 1995

Consult NOTAMS and Flight Information Publications for the latest information, the 000 Aeronautical Chart (Updating Manual or MOD 0), K Aeronautical Chart Amendment document or 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.**

RELIABILITY OF THIS GRAPHIC

Las determinaciones by standard practice.

PLOTTING ACCURACY 90% ASSURANCE

Horizontal: within 425 ft
 Contours: within 165 ft
 Date of information: 1988-1994

Graphic not field checked.

ELEVATIONS IN FEET ELEVACIONES EN PIES

DEPTHS IN FEET PROFUNDIDADES EN PIES

JOINT OPERATION GRAPHIC (AIR)

SCALE 1:250,000

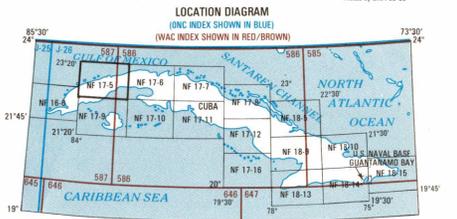
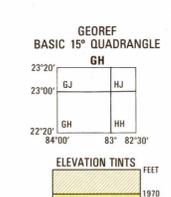
0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

ELEVATIONS IN FEET ELEVACIONES EN PIES

DEPTHS IN FEET PROFUNDIDADES EN PIES

GLOSSARY - GLOSARIO



CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 165 FOOT INTERVALS

EQUIDISTANCIA APROXIMADA DE LAS CURVAS DE NIVEL 330 PIES CON CURVAS SUPLEMENTARIAS A INTERVALOS DE 165 PIES

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE POSITIONALLY EQUIVALENT.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE OMA CUSTOMER HELP DESK: 1-800-455-0889, COMMERCIAL: 314-260-1234, USA 450-1236, OR WRITE TO: DIRECTOR, DEFENSE MAPPING AGENCY, ATTN: A1C, 8833 LEE HIGHWAY, FAIRFAX, VA 22033-2537.

©COPYRIGHT 1996 BY THE UNITED STATES GOVERNMENT. **EL GOBIERNO DE LOS ESTADOS UNIDOS 1996**

NO SE RECLAMAN DERECHOS DE AUTOR BAJO **NO SE RECLAMAN DERECHOS DE AUTOR BAJO**

THE U.S. GOVERNMENT **EL GOBIERNO DE LOS ESTADOS UNIDOS**