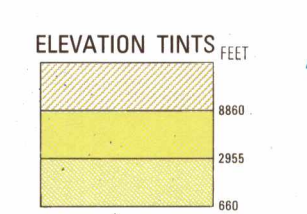


DISTRIBUTION LIMITED  
DESTROY WHEN NO  
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SERIES 1501 AIR  
SHEET NA 18-02  
EDITION 1

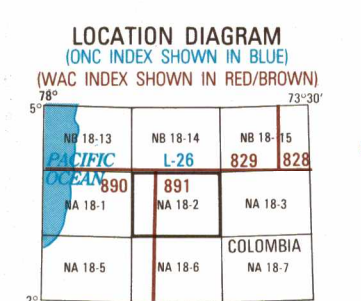


RELIABILITY OF THIS GRAPHIC  
(as determined by standard practices)

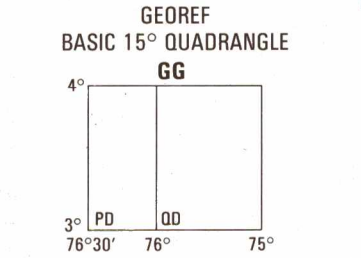
PLOTTING ACCURACY 90% ASSURANCE	AREA I		AREA II	
	within 100 ft	within 100 ft	within 100 ft	within 100 ft
Contours	100 ft	100 ft	100 ft	100 ft
Graphic Feature	DATE OF INFORMATION	DATE OF INFORMATION	DATE OF INFORMATION	DATE OF INFORMATION
All other features	1973	1987	1979	1979

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

GLOSSARY	GLOSARIO
Contour	mountain range
Departamento	ADM-1
Estación	estación
Ferrocarril	ferrocarril
Rio	rio



CONVERSION OF ELEVATIONS	
FEET	METERS
1000	305
800	244
600	183
400	122
200	61
100	31



**CAUTION**  
AIR INFORMATION CURRENT THROUGH  
15 JUNE 1990  
Consult NOTAMS and Flight Information Publications  
for the latest information. The DME Aeronautical  
Chart Updating Manual or MDI (D.K. Aeronautical  
Chart Amendment Documents for other chart revision  
information.

VERTICAL OBSERVATIONS  
Vertical observations, including positions, have  
been extracted from the most reliable source  
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 Figure shows a specific hazard to the  
clearance of terrain and obstructions in a specific area. The MEF is based on  
information available concerning the highest known feature in each  
quadrangle, including terrain and obstructions. The MEF is shown by a  
number in the lower right corner of the quadrangle.

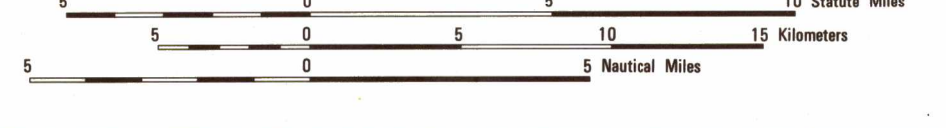
SCALE 1:250,000  
PALMIRA, COLOMBIA

SERIES 1501 AIR  
SHEET NA 18-02  
EDITION 1

**MAXIMUM ELEVATION FIGURES ARE  
BELIEVED  
NOT TO EXCEED 21000 FEET**

**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT 165 FOOT INTERVALS  
EQUIDISTANCIA APROXIMADA DE LAS CURVAS DE NIVEL 330 PIES CON CURVAS SUPLEMENTARIAS A INTERVALOS DE 165 PIES

COORDINATE CONVERSION WGS TO INTERNATIONAL ELLIPSOID  
Grid: -3.3m. E., +4.2m. N.  
Geographic: -1° Long., +1° Lat.

CONVERSION DE COORDENADAS WGS A INTERNACIONAL  
Serie de Barras: Paralelas -3.3m. E., +4.2m. N.  
Geografica: -1° Long., +1° Lat.

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 18, WORLD GEODETIC SYSTEM ELLIPSOID.  
LINEAS NUMERADAS DE COLOR AZUL INDICAN UNA CUADRICULA UNIVERSAL TRANSVERSERA DE MEDICION DE 10,000 METROS, ZONA 18, SISTEMA GEODETICO MUNDIAL.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-6898  
COMERCIALES: 214-260-9322, 228-440-5222, OR WRITE TO: DIRECTOR, NATIONAL MAGNETIC AND MAPPING AGENCY, ATTN: CDD, MAIL STOP P-37, 4600 SANDHAMMERE ROAD, BETHESDA, MD 20816-5003.

DEPTHS IN FEET / PROFUNDIDADES EXPRESADAS EN PIES  
ELEVATIONS IN FEET / ELEVACIONES EXPRESADAS EN PIES

ROADS — CAMINOS	RAILROADS — FERROCARRILES	BOUNDARIES — LÍMITES
All weather, hard surface Trazado todo el año, pavimento asfalto.	Normal gauge 0.914m (3') 0.914 metros — Via ancho normal	International Internacional
Two or more lanes wide Dos o más vías de ancho	Narrow gauge Via angosta	Primary administrative Línea de división administrativa principal
One lane wide Una línea de ancho	Single track Una vía	Vegetation Vegetación
Fair or dry weather, loose surface Trazado en tiempo bueno o seco, pavimento suelto.	Multiple track Vía múltiple	Woods: Mangrove Bosque: Manglar
All weather, loose or light surface Trazado todo el año, pavimento suelto o ligero.		Orchard-vineyard Huerto-viñedo, Cañaga
Cart track / Camino de herradura		
Trail (Footpath) Sendero		

AERODROMES (Military or Civil)	CONTROLLED AIRSPACE	VISUAL AIDS AND OBSTRUCTIONS
AERODROMES (Militares o civiles)	ESPACIO AEREO CONTROLADO	Obstruction / Obstáculo
Runway pattern known Circulo de pista	ADIZ (ZONA DE IDENTIFICACION DE DEFENSA AEREA)	Elevation of obstruction top, above sea level Elevación de la cumbre, sobre el nivel medio del mar
EDNA-Name EDNA-Nombre del aeródromo		Elevation of the obstacle, above ground level Elevación de la cumbre, sobre el nivel del terreno
50-Longitud of longest runway to nearest hundred of feet 50-Longitud de la pista más larga expresada en el centenario de pies		Radio facility obstruction Obstáculo constituido por una instalación de radio
mils-circulo		Power transmission line Línea de alta tensión
s-Soft or unimproved surface s-superficie no pavimentada o sin mejorar		Visual ground sign Señal terrestre visual
u-Unknown surface u-superficie no se sabe información		Aero light, Marine light Luz aeronáutica, Luz marítima
725-Elevation 725-Elevación		Point acroft, Normal, Círculo
Runway pattern unknown Circulo de pista — no se sabe información		Highest known elevation is UNKNOWN Cota máxima conocida es de desconocida
HELIPORT/HELIPAD HELIPORTO/PLATAFORMA DE HELIPUERTO		
HELIPORT/HELIPAD AT HOSPITAL HELIPORTO/PLATAFORMA DE HELIPUERTO UBICADO/A EN UN HOSPITAL		

NOTES — NOTAS  
± Following elevation value indicates accuracy is not within 165 feet.  
Cuando ± sigue el valor de cota, esto indica que la precisión es de menos de 165 pies.  
On this graphic a line is generally considered as being 2.5 to 3.6 meters (8 to 12 feet) in width.  
En esta grafica se considera que el ancho de una pista de carretera es de 2.5 a 3.6 metros (8 a 12 pies).  
Powerlines are shown except within populated place tints. Other obstructions are shown if they are 200 feet or more above ground level.  
Se muestran líneas de energía eléctrica excepto dentro de áreas pobladas. Otros obstáculos se muestran si están a 200 pies o más sobre el nivel del terreno. Véase nota de precisión.  
THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITY.  
LOS LÍMITES FRONTEROS REPRESENTADOS EN ESTA CARTA PUEDEN SER INEXACTOS.

ELEVATIONS IN FEET / ELEVACIONES EXPRESADAS EN PIES  
DEPTHS IN FEET / PROFUNDIDADES EXPRESADAS EN PIES

RADIO FACILITIES	RADIO AIDS TO NAVIGATION	TERRAIN ELEVATIONS
INSTALACIONES DE RADIO	RADIO AIDOS A LA NAVEGACION	ELEVACIONES DEL TERRENO
RADIO RANGE LF/MF RADIOFARO LF/MF	VHF OMNI RANGE (VOR) RADIOFARO OMNIDIRECCIONAL	Spot elevation, Normal, Círculo
MULTIPLE RADIO FACILITIES INSTALACIONES MÚLTIPLES	VOR WITH DME VOR Y DME INSTALADOS CONJUNTAMENTE	Point acroft, Normal, Círculo
	Other facilities Otras instalaciones	Highest known elevation is UNKNOWN Cota máxima conocida es de desconocida

REPRODUCED BY NMA 7-00

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ED. NO. 001  
NIMA REF. NO. 1501ANA1802