

SERIES 1501 AIR SHEET SF 20-12 EDITION 1

POPULATED PLACES
LUGARES POBLADOS:

Over 100,000	Más de 100,000	ASUNCIÓN
50,000 to 100,000	50,000 a 100,000	Ciudad del Este
10,000 to 50,000	10,000 a 50,000	Encarnación
2,000 to 10,000	2,000 a 10,000	Caazapa
Less than 2,000	Menos de 2,000	Bahía Negra

ROADS—CAMINOS

All weather hard surface
Transitable todo el año, superficie dura

Two lanes wide Dos 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 lanes wide Dos 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 para carretas

Route marker Señal de ruta

Control points Puntos de control: Horizontal/Vertical

BOUNDARIES—LÍMITES

International Internacional

First-order administrative division
División administrativa de primera clase

VEGETATION—VEGETACIÓN

Woods, Scattered trees Bosque; Árboles esparcidos

HYDROGRAPHY—HIDROGRAFÍA

Swamp Marisma

Land subject to inundation Terreno sujeto a inundación

Well: Permanent, Intermittent

Dry lake Lago seco o laguna

Intermittent lake Lago o laguna intermitente

TERRAIN ELEVATIONS—ELEVACIONES DEL TERRENO

Spot elevation: Normal, Critical

Contour Normal, Critical

HIGHEST KNOWN elevation is 679 feet at the following coordinates:
Elevación MÁS ALTA CONOCIDA es de 679 pies en las siguientes coordenadas:

Geographic Geográficas: 22°14'S, 61°30'W
Grid de Cuadrícula: PAS541

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

Runway pattern known
Configuración de la pista conocida

EDNA: Name Nombre

50-Length of longest runway to nearest hundreds of feet
Longitud de la pista más larga hasta los centenares de pies más cercanos

s-Soft or unimproved surface
Superficie suave o no mejorada

u-Unknown surface
Superficie desconocida

725-Elevation Elevación

Runway pattern unknown
Configuración de la pista desconocida

RADIO FACILITIES—INSTALACIONES DE RADIO

RADIO RANGE LF/MF
RADIOFARO LF/MF

MULTIPLE RADIO FACILITIES
MÚLTIPLES INSTALACIONES DE RADIO

CONTROLLED AIRSPACE
ESPACIO AEREO CONTROLADO

ADIZ

VISUAL AIDS AND OBSTRUCTIONS
OBSTRUCCIONES Y AYUDAS VISUALES

Obstruction Obstrucción

1109-Elevation of obstruction top, above sea level
Elevación de la parte superior de la obstrucción sobre el nivel del terreno

(259)-Elevation of obstruction top, above ground level
Elevación de la parte superior de la obstrucción sobre el nivel del terreno

Group obstruction Grupo de obstrucciones

Radio facility obstruction Obstrucción de instalación de radio

Power transmission line Línea de alta tensión

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.

CAUTION

AIR INFORMATION CURRENT THROUGH 20 FEBRUARY 1998

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

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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 by 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.

EXAMPLE: 12,500 feet **125**

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

SF 20-2	SF 20-3	SF 20-4	SF 21-1	SF 21-2
SF 20-6	SF 20-7	SF 20-8	SF 21-5	SF 21-6
SF 20-10	SF 20-11	SF 20-12	SF 21-9	SF 21-10
SF 20-14	SF 20-15	SF 20-16	SF 21-13	SF 21-14
SF 20-2	SF 20-3	SF 20-4	SF 21-1	SF 21-2

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SCALE 1:250,000
FILADELFA, PARAGUAY

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NO COMPANION SHEET EXISTS



ELEVATIONS IN FEET
ELEVACIONES EN PIES

JOINT OPERATIONS GRAPHIC (AIR)

ELEVATIONS IN FEET
ELEVACIONES EN PIES

GEOREF
BASIC 15° QUADRANGLE
HE

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CONVERSION OF ELEVATIONS

FEET	METERS
1000	305
2000	610
3000	915
4000	1220
5000	1525
6000	1830
7000	2135
8000	2440
9000	2745
10000	3050
11000	3355
12000	3660
13000	3965
14000	4270
15000	4575

CONVERSION COORDENADAS WGS A CHINA ASTRO
Grid: Add 10m, Add 30m N.
Geographic Subtract 12.7, Subtract 2.1 Lat.

CONVERSION COORDENADAS WGS A CHINA ASTRO
Cuadrícula: Sumar 10m al Este, Sumar 30m al Norte
Geográficas: Restar 12.7 de Longitud, Restar 2.1 de Latitud

CONTOUR INTERVAL APPROXIMATELY 65 FEET
EQUIDISTANCIA APROXIMADA DE LAS CURVAS DE NIVEL 65 PIES

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 20, WORLD GEODETIC SYSTEM ELLIPSOID.
LAS LÍNEAS AZULES NUMERADAS INDICAN LA CUADRICULA UTM DE 10,000 METROS, ZONA 20, ELIPSOIDE DEL SISTEMA GEODÉSICO MUNDIAL.

GLOSSARY

Aldea hamlet, village
Antena antenna
Aproximado approximate
Cauce, cauce seco dry stream bed
Colonia colony, settlement
Departamento first-order administrative division
Estancia estate
Fortín fort
Misión mission
Monumento monument
Numerosas pozos numerous small ponds, wells
Pista trail, narrow pass
Puesto post
Rancho ranch
Riacho intermittent stream
Vado ford
Villa town, villa

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. Se muestran líneas de alta tensión con la excepción de dentro de las áreas en tinta que representan lugares poblados. Se muestran otras obstrucciones si están a 200 pies o más sobre el nivel del terreno. Ver advertencia.

On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.

En este gráfico se considera que una vía tiene 8 pies (2.5 metros) de ancho. BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY. LA REPRESENTACIÓN DE LÍMITES NO DEBE CONSIDERARSE OFICIAL. A REPRESENTAÇÃO DE LIMITES NÃO É NECESSARIAMENTE OFICIAL.

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

1993	1992
1994	1993

PLOTTING ACCURACY 90% ASSURANCE
(as determined by standard practices)

Horizontal	within 820 ft.
Contours	within 65 ft.

GRAPHIC FEATURE DATE OF INFORMATION

All features	See diagram
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ELEVATION TINTS

200	225
250	275

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