SERIES 1501 AIR
SHEET SD 20-14
EDITION 1

ELEVATION TINTS

FEET
660
395

RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials.

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

GLOSSARY

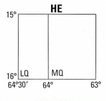
Arroyo . . . . . intermittent stream, stream
Cerro . . . . . hill, mountain, ridge
Departamento . . . . . first-order administrative division
Laguna . . . . . lake, marsh, pond, swamp
Río . . . . . river, stream

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

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
HE



CAUTION

AIR INFORMATION CURRENT THROUGH
16 JULY 1993
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD 1(A) Aeronautical Chart Amendment document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION
FOR 1990
(Annual rate of change 11' increase)
LINEAS DE IGUAL VARIATION MAGNETICA
PARA 1990
(Cambio anual incremento 11')

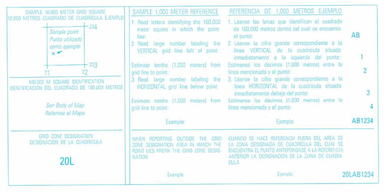
CAUTION

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.

Prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center, Bethesda, MD. Compiled in June 1993.

COORDINATE CONVERSION WGS TO PSAD 56
Grid: Add 154m E., Add 384m N.
Geographic: Subtract 5.3" Long., Subtract 13.1" Lat.

CONVERSIÓN DE LAS COORDENADAS WGS A PSAD 56
De Cuadrícula: Sumese 154m al Este, Sumese 384m al Norte.
Geográfica: Restese 5.3" de Longitud, Réstese 13.1" de Latitud.



SCALE 1:250,000
ASCENCIÓN DE GUARAYOS, BOLIVIA

SERIES 1501 AIR
SHEET SD 20-14
EDITION 1

ELEVATIONS IN FEET
ELEVACIONES EN PIES

ROADS–CARRETERAS

All weather hard surface Superficie dura para todo clima
More than two lanes wide — 4 LANES / 4 CARRILES
Más de dos carriles de ancho
Two lanes wide Dos carriles de ancho
All weather, loose or light surface
Superficie ligera, o suelta para todo clima
More than two lanes wide — 3 LANES / 3 CARRILES
Más de dos carriles de ancho
Two lanes wide Dos carriles de ancho
Fair or dry weather, loose surface
Seco o buen clima, superficie suelta
Cart track Camino para carretas — 8
Route marker Marcador de ruta

RAILROADS–FERROCARRILES

	Single track Una vía	Multiple track Vía Múltiple
Normal gauge 1.44m (4'8½")		
Entrevía normal 1.44m (4'8½")		

BOUNDARIES–LÍMITES

International Internacional
First-order administrative division
División administrativa de primer orden

VEGETATION–VEGETACIÓN

Sand; Woods Arena; Bosque

HYDROGRAPHY–HIDROGRAFÍA

Land subject to inundation; Swamp
Terreno sujeto a inundación; Marisma

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 15 Statute Miles
5 0 5 10 15 20 Kilometers
5 0 5 10 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 135 FEET
CURVAS DE NIVEL 135 PIES APROXIMADAS

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.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0898; COMMERCIAL 314-263-4804; DSN 693-4804; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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ELEVATIONS IN FEET
ELEVACIONES EN PIES

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

Runway pattern known — EDNA/50/s 725
Diseño de pista de aterrizaje conocido
EDNA–Name Nombre
50–Length of longest runway to nearest hundreds of feet
–Longitud de la pista más larga a las centésimas de pies más próximas
s–Soft or unimproved surface
–Superficie suelta o no mejorada
u–Unknown surface
–Superficie desconocida
725–Elevation Altitud
Runway pattern unknown
Diseño de pista de aterrizaje desconocido

VISUAL AIDS AND OBSTRUCTIONS
AUXILIOS VISUALES Y OBSTRUCCIÓNES

Obstruction Obstrucción — 1033 (350)
1033–Elevation of obstruction top, above sea level.
–Altitud de obstrucción punta, sobre el nivel de mar
(350)–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 Linea de alta tensión

TERRAIN ELEVATIONS–ALTITUDES DEL TERRENO

Spot elevation: Normal, Critical
Altitud de un punto: Normal, Crítico *646 *840
HIGHEST KNOWN elevation is 1595 feet at the following coordinates:
MAYOR altitud CONOCIDA es de 1595 pies en las siguientes coordenadas:
Geographic Geográficas 15°16'S, 63°01'W
Grid de la Cuadrícula MJ 9811

RADIO FACILITIES

RADIO RANGE LF/MF — RNG HURN
MULTIPLE RADIO FACILITIES — NDB-RNG PARIS
VHF OMNI RANGE (VOR)
VORTAC
TACAN
VOR WITH DME
Other facilities

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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 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.).

EXAMPLE: 12,500 feet..... 12⁵

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.
Se muestran las líneas de alta tensión con excepción de dentro de las zonas edificadas (tinta roja). Se muestran otras obstrucciones si estran a 200 pies o más sobre el nivel del terreno. Ver advertencia.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE.
LA REPRESENTACIÓN DE LÍMITS NO DEBE CONSIDERARSE OFICIAL.
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.

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