SERIES 1501 AIR
SHEET SE 19-8
EDITION 1

SERIES 1501 COMPANION SHEET IS EDITION 1

ELEVATION TINTS

FEET
14695
8925
3150

RELIABILITY OF THIS GRAPHIC

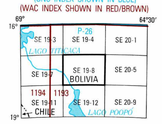
Compiled from best available source materials.

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

GLOSSARY

Acequia . . . . . irrigation ditch
Balsa . . . . . ferry
Cerro . . . . . mountain, hill
Cordillera . . . . . mountain, mountain range
Dados insuficientes . . . . . insufficient data
Departamento . . . . . first-order administrative division
Estanque . . . . . reservoir
Laguna . . . . . pond, intermittent lake, lagoon, intermittent pond, lake
Quebrada . . . . intermittent stream, stream
Rio . . . . . intermittent stream, stream
Serranías . . . . . mountains
Torre . . . . . tower
Vado . . . . . ford

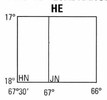
LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	20000	6095
900	274	10000	3048
800	244	9000	2743
700	213	8000	2438
600	183	7000	2134
500	152	6000	1829
400	122	5000	1524
300	91	4000	1219
200	61	3000	914
150	46	2000	610
100	31	1500	457
		1000	305

GEOREF BASIC 15° QUADRANGLE HE



CAUTION
AIR INFORMATION CURRENT THROUGH
23 FEBRUARY 1994
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD 10/AJ 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 VARIACION MAGNETICA PARA 1990
(Cambio anual: aumento de 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.

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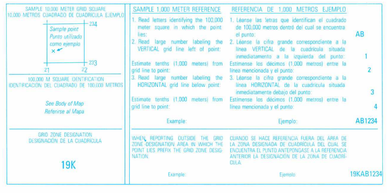
SCALE 1:250,000
COCHABAMBA, BOLIVIA

SERIES 1501 AIR
SHEET SE 19-8
EDITION 1

SERIES 1501 COMPANION SHEET IS EDITION 1

COORDINATE CONVERSION WGS TO PSAD 56
Grid: Add 188m.E., Add 376m.N.
Geographic: Subtract 5.9" Long., Subtract 13.1" Lat.

CONVERSIÓN DE LAS COORDENADAS WGS A PSAD 56
De Cuadrícula: Súmese 188m. Al Este, Súmese 376m. Al Norte
Geográfica: Restese 5.9" De Longitud, Restese 13.1" De Latitud.



ELEVATIONS IN FEET
ELEVACIONES EN PIES

ROADS–CARRETERAS

4 LANES DUAL
Dual Highway Autopista de dos sentidos . . . . AUTOPISTA DE 4 CARRILES
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 . . . .
One lane wide Un carril 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 . . . .
One lane wide Un carril de ancho . . . .
Fair or dry weather, loose surface
Seca o buen clima, superficie suelta . . . .
Cart track Camino para carretas . . . .
Footpath, trail Sendero, vereda . . . .
Route marker Marcador de ruta 9

RAILROADS–FERROCARRILES

Single track Una vía / Multiple track Múltiple vía
Normal gauge 1.0m (3'3¼") . . . .
Entrevia normal 1.0m (3'3¼") . . . .

BOUNDARIES–LIMITES

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

VEGETATION–VEGETACIÓN

Woods; Scattered trees Bosque; Árboles esparcidos . . . .

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 525 FEET
CURVA DE NIVEL 525 PIES APPROXIMADOS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 19, WORLD GEODETIC SYSTEM ELLIPSOID
LAS LÍNEAS AZULES NUMERADAS INDICAN LA CUADRÍCULA UTM DE 10,000 METROS, ZONA 19, ELIPSOIDE DEL SISTEMA GEODÉSICO MUNDIAL

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0889; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP L-68, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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

Runway pattern known EDNA/50/s 728
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 suave o no mejorada
u–Unknown surface
Superficie desconocida
728–Elevation Altitud
Runway pattern unknown . . . .
Diseño de pista de aterrizaje desconocido

VISUAL AIDS AND OBSTRUCTIONS
AUXILIOS VISUALES Y OBSTRUCCIONES

Obstruction Obstrucción 1109 (259)
1109–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 . . . .
Radio facility obstruction Obstrucción de facilidades de radio . . . .
Power transmission line Línea de alta tensión . . . .

HYDROGRAPHY–HIDROGRAFÍA

Swamp Marisma . . . .
Land subject to inundation Terreno sujeito a inundação . . . .
Intermittent lake Lago intermitente . . . .

RELIEF–RELIEVE

Sand Arena . . . .
Distorted surface Superficie deformaca . . . .
Highest elevation is UNKNOWN
Elevación más alta DESCONOCIDA

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

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NOTES—NOTAS

Powerlines are shown except within populated 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 la excepción de dentro de las áreas en tinta roja que representan lugares poblados. Se muestran otras obstrucciones si estan 200 o mas pies sobre el nivel terrestre. Ver advertencia.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE
LA REPRESENTACIÓN DE LIMITES 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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