SERIES 1501 AIR
SHEET SD 19-10
EDITION 1

ELEVATION TINTS

FEET
14765
8860
2955
660

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

1963	1992
1982	1993
	1991 1992
	1992

PLOTTING ACCURACY 90% ASSURANCE

Horizontal _____ within 820 feet
Contours _____ within 330 feet

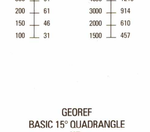
GRAPHIC FEATURE	DATE OF INFORMATION
ALL FEATURES _____ See Diagram	

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

GLOSSARY

Aproximado ..... approximate
Cerro ..... hill, mountain
Datos insuficientes ..... insufficient data
Departamento ..... first-order administrative division
Evaporadores de sal ..... salt evaporator
Laguna ..... lake
Mina ..... mine
Nevado(s) ..... snow covered mountain(s)
Pampa ..... plain
Quebrada ..... stream
Río ..... stream
Señal ..... triangulation station

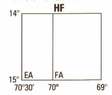
LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1500	457	30000	9144
1000	305	20000	6096
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

GEOREF
BASIC 15° QUADRANGLE



CAUTION
AIR INFORMATION CURRENT THROUGH
29 NOVEMBER 1995
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1995
(Annual rate of change 10' increase)
LÍNEAS DE IGUAL VARIACIÓN MAGNÉTICA PARA 1995
(Índice anual de variación 10' aumenta)

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.

LIMITED DISTRIBUTION:
Distribution authorized to DoD, IAW 10 U.S.C. §§130 and 2796. Release authorized to U.S. DoD contractors IAW 48 C.F.R. §252.245-7000. Refer other requests to Headquarters, DMA, ATTN: Release Officer, Stop A-10. Destroy as "For Official Use Only." Removal of this caveat is prohibited.

SCALE: 1:250,000
AZÁNGARO, PERU; BOLIVIA

SERIES 1501 AIR
SHEET SD 19-10
EDITION 1

Prepared and published by the Defense Mapping Agency. Compiled December 1994.

COORDINATE CONVERSION WGS 84 TO PSAD 56
Grid: Add 197m.E., Add 370m.N.
Geographic: Subtract 6.7" Long., Subtract 12.6" Lat.

CONVERSIÓN DE COORENADAS WGS 84 A PSAD 56
Cuadricular: Súmese 197m.al Este, Súmese 370m. al Norte
Geográfica: Réstese 6.7" de Longitud, Réstese 12.6" de Latitud

ELEVATIONS IN FEET
ELEVACIONES EN PIES

POPULATED PLACES-LUGARES POBLADOS ○ ■
ROADS-CARRETERAS
All weather hard surface Superficie dura para todo clima — 4 LANES 4 CARRILES
More than two lanes wide Más de 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
Two lanes wide Dos carriles de ancho ....
One lane wide Un carril de ancho ....
Fair or dry weather, loose surface Seco o buen clima, superficie suelta
Cart track Camino para carretas ....
Footpath, trail Sendero, vereda ....
Route marker Marcador de ruta 8
RAILROADS-FERROCARRILES
Normal gauge Entrevía normal 1.44m (4'8½") .... Single track Una vía — Multiple track vía Multiple
Narrow gauge Entrevía angosta 0.92m (3'3") ....
BOUNDARIES-LÍMITES
International Internacional ....
First order administrative division
División administrativa de primer orden ....
VEGETATION-VEGETACIÓN
Woods Bosque ....
Orchard; Plantations, Vineyards Huerto; Plantíos, Viñedos. ....

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

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

CONTOUR INTERVAL APPROXIMATELY 330 FEET
EQUIDISTANCIA APROXIMADA DE LAS CURVAS DE NIVEL 330 PIES

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 FOR IMPROVING THIS PRODUCT TO: DIRECTOR, DEFENSE MAPPING AGENCY, ATTN: ATIS, 8613 LEE HIGHWAY, FAIRFAX, VA. 22031-2137.

© COPYRIGHT 1996 BY THE UNITED STATES GOVERNMENT.
NO COPYRIGHT CLAIMED UNDER TITLE 17 U.S.C.
© EL GOBIERNO DE LOS ESTADOS UNIDOS, 1996.
NO SE RECLAMAN DERECHOS DE AUTOR BAJO TÍTULO 17 U.S.C. (CÓDIGO DE LOS ESTADOS UNIDOS).

AERODROMES (Military or Civil)
AERÓDROMOS (Militares o Civiles)
Runway pattern known
Diseño de pista de aterrizaje conocido .... EDNA/50's 550
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
550–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
Wadi; Intermittent lake Pozo; Lago intermitente. ....
Land subject to inundation Terreno sujeto a inundación ....
Swamp, marsh Marisma, pantano ....

TERRAIN ELEVATIONS-ELEVACIONES DEL TERRENO
Spot elevation: Normal; Critical
Cota: Normal; Crítica *338 *1108
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.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.
EXAMPLE: 12,500 feet 12 5

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 editicadas (tinta roja). 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 AUTHORITATIVE.
LA REPRESENTACIÓN DE LÍMITES NO DEBE CONSIDERARSE OFICIAL.

NSN 7641014227345
DMA STOCK NO. 1501ASD1910
ED. NO. 001
Printed by the Defense Mapping Agency, 2/96