

SERIES 1501 AIR SHEET SC 19-12 EDITION 1

AERODROMES (Military or Civil) AERODROMOS (Militares ou Cíveis) AERODROMO (Militar ou Civil) Runway pattern known (Direção de pista de aterragem conhecida) Runway pattern unknown (Direção de pista de aterragem desconhecida) HELIPORT/HELIPAD HELIPORTO/HELIPADO PARA HELICÓPTEROS HELIPORTO/HELIPADO EM UM HOSPITAL HELIPORTO/HELIPADO EM HOSPITAL RADIO AIDS TO NAVIGATION RADIO ASISTENCIA A LA NAVEGACION AJUDAS A NAVEGACION VHF OMNI RANGE (VOR) VHF OMNI RANGE (VOR) VORTAC VORTAC VORTAC TACAN TACAN TACAN VOR with DME VOR com DME VOR com DME Other facilities Outras facilidades

POPULATED PLACES - LUGARES POBLADOS LOCALIDADES 1st importance Primeira importancia 2nd importance Segunda importancia 3rd importance Terceira importancia 4th importance Quarta importancia 5th importance Quinta importancia 6th importance Sexta importancia 7th importance Sétima importancia 8th importance Oitava importancia 9th importance Nona importancia

RADIO RANGE LF/MF ALCANCE DE RADIO LF/MF LIMITE DE RADIO LF/MF MULTIPLE RADIO FACILITIES MULTIPLES FACILIDADES DE RADIO FACILIDADES MULTIPLES DE RADIO CONTROLLED AIRSPACE ESPACIO AEREO CONTROLADO ESPACIO AEREO CONTROLADO ADIZ ADIZ ATLANTIC ADIZ

RAILROADS - FERROVIARIAS ESTRADAS DE FERRO Single track Single track Multiple track Multiple track Normal gauge Normal gauge Via simples Via dupla ou múltipla Station position Posição de estação desconhecida desconhecida

VISUAL AIDS AND OBSTRUCTIONS AUXÍLIOS A NAVEGACION E OBSTACULOS Obstruction Obstrução Obstrução 1109-Elevation of obstruction top, above sea level Altitude de obstrução para, sobre o nível do mar Cota de cima de obstrução, acima do nível do mar (250)-Elevation of obstruction top, above ground level Altitude de obstrução para, sobre o nível do solo Cota de cima de obstrução, acima do nível do solo

BOUNDARIES - LIMITES - LIMITES International International Divisão administrativa de primeira ordem Divisão administrativa de primeira ordem Reservation Zona reservada Reserva OTHER FEATURES - OUTRAS CARACTERÍSTICAS - OUTROS FEITOS School Escola Igreja Sinagoga Mesquita Mesquita Cemitério Cemitério Mausoléu Mausoléu

Visual ground sign Sinal de terra visual Signal terrain visual Area light Luz aérea Luz aérea Beacon Beacon Baliza luminosa para avião Baliza luminosa para navio

TERRAIN ELEVATIONS - ALTITUDES DEL TERRENO COTAS TERRESTRES Spot elevation Normal, Critical Altitude de um ponto Normal, Critical Cota Normal, Crítica HIGHEST ELEVATION OF UNKNOWN ELEVATION MAS ALTA DESCONHECIDA ELEVATION MAS ALTA DESCONHECIDA

Vegetation - Vegetação Woods, scattered trees Bosque, árvores esparsas Forest Forest Floresta Orchard, plantation, vineyard Horto, plantio, vinhedo Palm Palm Palmeira

HYDROGRAPHY - HIDROGRAFIA - HIDROGRAFIA Well, Spring, intermittent lake Poço, Manancial, Lago intermitente Level subject to inundation Terreno sujeito a inundação Swamp, marsh, marais, pântano Brejo, pantano Sand, Arênia, Areia

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 1996 Consult NOTAMS and Flight Information Publications for the latest air information; the DDD 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 11' increase) LÍNEAS DE IGUAL VARIAÇÃO MAGNÉTICA PARA 1995 (Índice anual variação 11' aumento) LÍNEAS DE IGUAL VARIAÇÃO MAGNÉTICA PARA 1995 (Índice anual de variação aumento 11')

ATTENTION THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF) The Maximum Elevation Figure shows 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 features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.). In areas of extensive variable relief, the MEF is shown by a note spaced across the area. EXAMPLE: 12,500 feet 125

CONVERSION OF ELEVATIONS Table with columns: FEET, METERS, FEET, METERS. Rows: 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100.

LOCATION DIAGRAM (MAG INDEX SHOWN IN RED/BROWN)

Grid diagram showing coordinates for the chart area, including latitude and longitude markers.

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SCALE 1:250,000 PLACÍDO DE CASTRO, BRAZIL; BOLIVIA SERIES 1501 AIR SHEET SC 19-12 EDITION 1

COORDINATE CONVERSION: WGS 84 TO PSAD 56 (Geoid: AD 1974; Sea: AD 1980) Geographic: Subtract 5.7" Long, Subtract 13.0" Lat.

CONVERSION DAS COORDENADAS WGS 84 A PSAD 56 Table with columns: QUADRANTE, SÓMMA DE 1870, para LARG, SÓMMA DE 3850, para a LATITUDE, SÓMMA DE 5.7" de LONGITUDE, SÓMMA DE 13.0" de LATITUDE.



Prepared and published by the Defense Mapping Agency. Compiled October 1993. JOINT OPERATIONS GRAPHIC (AIR) SCALE 1:250,000 ELEVATIONS IN FEET ELEVACIONES EN PIES ELEVACOES EM PES

CONTOUR INTERVAL APPROXIMATELY 135 FEET WITH RELIEF PARTIALLY SHOWN BY FORM LINES. ELEVACIONES EN PIES ELEVACOES EM PES. GLOSSARY: Abandonado, Arroyo, Barranca, Centro general, etc. NOTES - NOTAS - NOTAS: Powerlines are shown except within populated place limits. Other obstructions are shown if they are 200 feet or more above ground level. Scale: 1:250,000. Printed by the Defense Mapping Agency, 3/96.