SERIES 1501 AIR
SHEET SB 23-13
EDITION 1

ELEVATION TINTS

FEET
1970
985
495
185

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

	I	III	II
PLOTTING ACCURACY 90° ASSURANCE	AREA I	AREA II	AREA III
Horizontal	within 820 ft.	within 820 ft.	within 820 ft.
Contours	165 ft.	165 ft.	165 ft.
GRAPHIC FEATURE	DATE OF INFORMATION		
	AREA I	AREA II	AREA III
Contours	1979	1979	1979
All other features	1992	1990	1979

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

GLOSSARY
GLOSSARIO

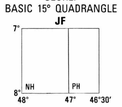
Aqueduto subterraneo ..... underground aqueduct
Balsa ..... ferry
Capela ..... chapel
Cemiterio ..... cemetery
Cor, Córrego ..... stream
Edificio(s) ..... building(s)
Escola ..... school
Estado ..... first-order administrative division
Faz, Fazenda ..... farm
Ilha ..... island
La, Lagoa ..... lake
Morro ..... hill
Numerosas fazendas pequenas ..... numerous small farms
Represa da terra ..... earthen dam
Reserva indígena ..... native reserve
Riacho ..... stream
Rib, Ribeirao ..... stream
Rio ..... stream
Sa, Serra ..... hills
Serrote ..... hills, mountain
Sitio ..... farm, populated place
Tel ..... telephone
Torre ..... tower

LOCATION DIAGRAM
(QNC INDEX SHOWN IN BLUE)
(IWAC 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
JF



CAUTION
AIR INFORMATION CURRENT THROUGH 13 DECEMBER 1994
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 1990
(Annual rate of change 5' increase)
LINEAS DE IGUAL VARIAÇÃO MAGNETICA PARA 1990
(Cambo anual: aumento de 5')

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
CAROLINA, BRAZIL

SERIES 1501 AIR
SHEET SB 23-13
EDITION 1

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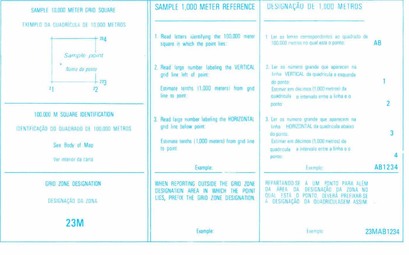

ELEVATIONS IN FEET
ELEVAÇÕES EM PÉS

ROADS – RODOVIAS

All weather, hard surface
Transitável todo ano revestimento sólido ..... *4 LANES*
More than two lanes wide
Mais de duas pistas de largura ..... 4 PISTAS
Two lanes wide
Duas pistas de largura
One lane wide
Uma pista de largura
All weather, loose or light surface
Transitável todo ano, revestimento solto ou ligeiro ..... *3 LANES*
More than two lanes wide
Mais de duas pistas de largura ..... 3 PISTAS
Two lanes wide
Duas pistas de largura
One lane wide
Uma pista de largura
Fair or dry weather, loose surface
Transitável em tempo bom e seco, revestimento sólto
Cart track ..... Caminho
Footpath, trail ..... Caminho, trilho
Route marker ..... Prefixo de estrada 8
Horizontal control point
Ponto de contrôle horizontal

VEGETATION – VEGETAÇÃO

Woods; Scattered trees
Floresta; Arvores dispersos

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

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

CONTOUR INTERVAL APPROXIMATELY 165 FEET
EQÜIDISTANCIA DAS CURVAS DE NÍVEL 165 PÉS APROXIMADAS

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BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 23. WORLD GEODETIC SYSTEM 1984 ELLIPSOID
AS LINEAS NUMERADAS EM AZUL INDICAM OS 10.000 METROS DA QUADRÍCULA TRANSVERSA MERCATOR UNIVERSAL, ZONA 23. WGS ELIPSOIDE 1984

COORDINATE CONVERSION WGS 84 TO CORREGO ALEGRE
Grid: Add 25m E., Add 8m N.
Geographic: Subtract 1.1" Long., Subtract 0.5" Lat.

CONVERSÃO DAS COORDENADAS WGS 84 A CORREGO ALEGRE
Quadricular: Soma-se 25m. para Leste, Soma-se 8m. para o Norte
Geográfica: Subtrai-se 1.1" de Longitude, Subtrai-se 0.5" de Latitude

COORDINATE CONVERSION WGS 84 TO SAD 69
Grid: Add 44m E., Add 43m N.
Geographic: Subtract 1.5" Long., Subtract 1.5" Lat.

CONVERSÃO DAS COORDENADAS WGS 84 A SAD 69
Quadricular: Soma-se 44m. para Leste, Soma-se 43m. para o Norte
Geográfica: Subtrai-se 1.5" de Longitude, Subtrai-se 1.5" de Latitude

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AERODROMES (Military or Civil)
ELEVATIONS IN FEET
ELEVAÇÕES EM PÉS

AERÓDROMO (Militar ou Civil)

Runway pattern known EDNA/50/s 728
Configuração de pista conhecida
EDNA–Name Designações
50–Length of longest runway to nearest hundreds of feet
Extensão de a pista mais longa aos centenos de pés mais próximos
s–Soft or unimproved surface
Superfície solta ou não melhorado
u–Unknown surface Superfície desconhecida
728–Elevation Cota
Runway pattern unknown
Configuração de pista desconhecida
HELIPORT/HELIPAD
HELIPORTO/HELIPORTO
HELIPORT/HELIPAD AT HOSPITAL
HELIPORTO/HELIPORTO EM HOSPITAL

RADIO FACILITIES
FACILIDADES DE RADIO

RADIO RANGE LF/MF ..... RNG
LIMITE DE RADIO LF/MF ..... HURN
MULTIPLE RADIO FACILITIES
FACILIDADES MÚLTIPLOS DE RADIO ..... NDB-RNG PARIS

HYDROGRAPHY
HIDROGRAFIA

Land subject to inundation
Terreno sujeito a inundação

RELIEF
RELIEVE

Sand
Areia

BOUNDARIES
LIMITES

First-order administrative division
Divisao administrativa de primeira classe

VISUAL AIDS AND OBSTRUCTIONS
OBSTRUÇÕES E AJUDAS VISUAIS

Power transmission line
Linha transmissora de energia (alta tensão)

TERRAIN ELEVATIONS
COTAS TERRESTRES

Spot elevation; Normal, Critical
Cota; Normal, Crítica 338 1108

Highest elevation is UNKNOWN
Elevação más alta DESCONOCIDA

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE
A REPRESENTAÇÃO DE LIMITES NAO F NECFSSARIAMENTE OFICIAL

Reprinted by NIMA 4-98

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 exibem as lineas de alta tensao com a exceçao de dentro de os areas em manz cor que mostram os povoados. Outras obstruçoes se exibem se estais 200 ou mais pés acima do nivel do terra. Ver advertencia.
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.
Em este gráfico se considera que uma via posue 8 pés (2.5 metros) de largura.

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