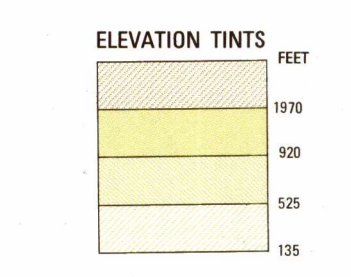


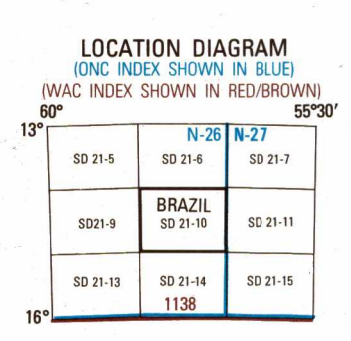
SERIES 1501 AIR  
SHEET SD 21-10  
EDITION 1



RELIABILITY OF THIS GRAPHIC  
Compiled from best available source materials.  
Horizontal Datum: World Geodetic System 1984  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

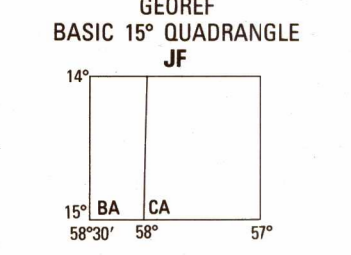
GLOSSARY GLOSSÁRIO

- Chapada ..... plateau
- Cór. Córrego ..... intermittent stream, stream
- Estado ..... first-order administrative division
- Gleba ..... field, tract of land
- Iha ..... island
- Reserva indígena ..... Indian reserve
- Ribeirão ..... stream
- Rio ..... stream
- Serra ..... mountain range



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2133
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
100	31	1000	305



CAUTION  
AIR INFORMATION CURRENT THROUGH 12 MARCH 1993  
Consult NOTAMS and Flight Information Publications for the latest information. The 2000 Aeronautical Chart Updating Manual or AIC (U.S. Aeronautical Chart Amendment document) for other chart revision information.

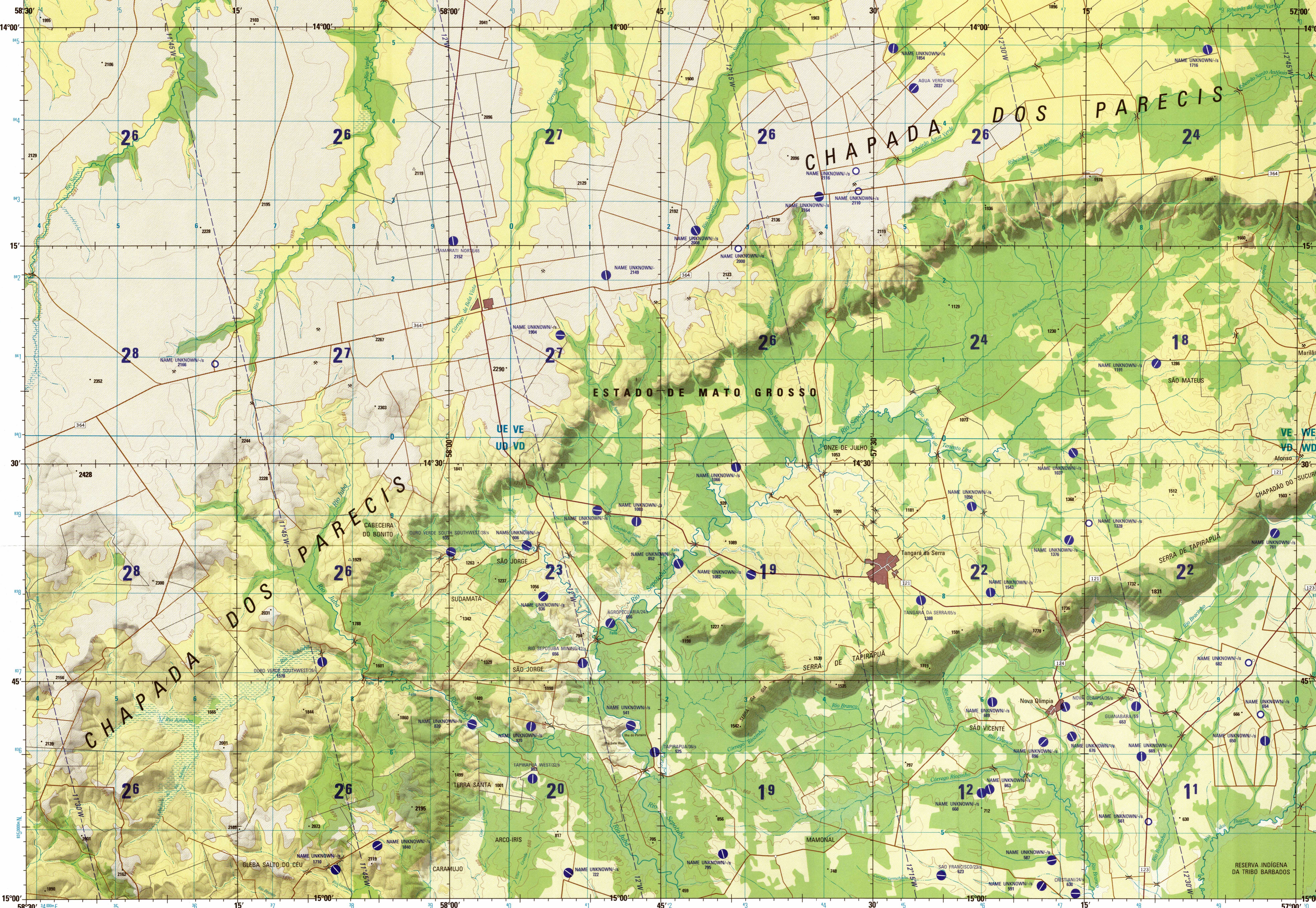
LINE OF EQUAL MAGNETIC VARIATION FOR 1990  
(Annual rate of change 10' increase)  
LÍNEAS DE IGUAL VARIAÇÃO MAGNÉTICA PARA 1990  
(Índice anual de variação aumento 10')

CAUTION  
Vertical obstructions, including powerlines, have been selected from the most reliable sources available. However, there is no assurance that all are shown, or their locations or heights are exact.

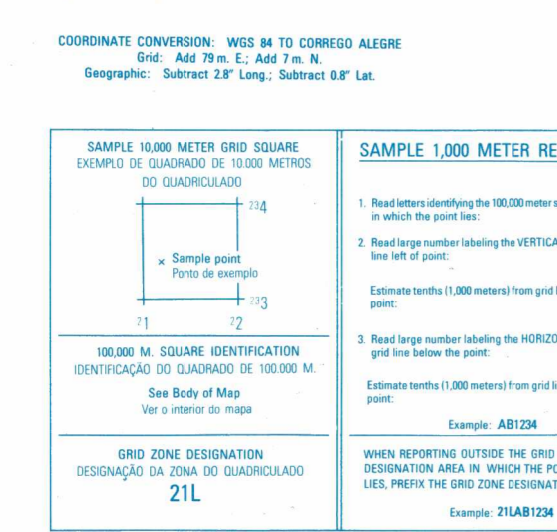
LIMITED DISTRIBUTION: Distribution authorized to the Department of Defense, U.S. DOD contractors and to U.S. Government Agencies supporting DOD functions by authority of the Director, Defense Mapping Agency, 30 May 1990. Other requests shall be referred to Headquarters, DMA, ATTN: SDP. Destroy as "For Official Use Only."

SCALE 1:250,000  
TANGARÁ DA SERRA, BRAZIL

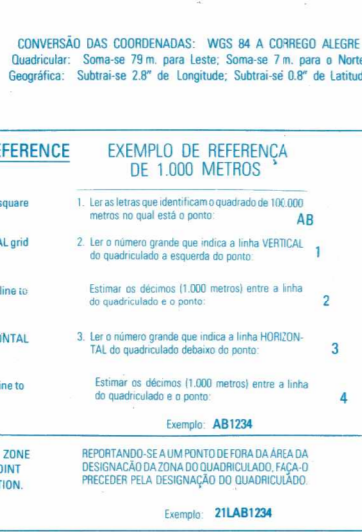
SERIES 1501 AIR  
SHEET SD 21-10  
EDITION 1



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



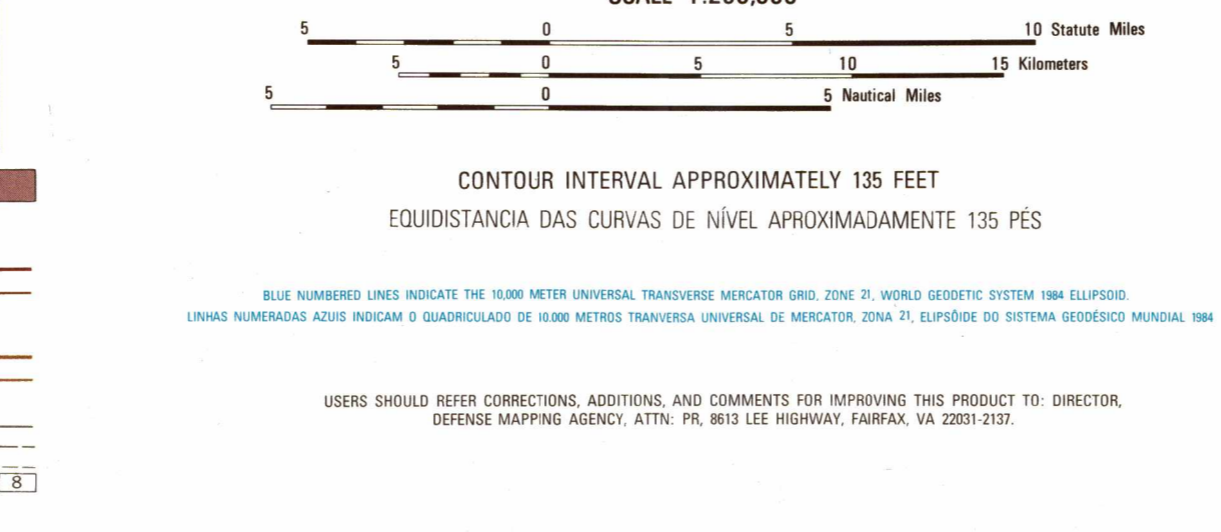
ELEVATIONS IN FEET  
ELEVACOES EM PÉS



ATTENTION  
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)  
The Maximum Elevation Figures shown in quadrangles are rounded by ticked lines of latitude and longitude and 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.).  
EXAMPLE: 12500 feet..... 125

- POPULATED PLACES—LUGARES POVOADOS  
ROADS—ESTRADAS DE RODAGEM  
All weather, hard surface / Transmissão todo ano, revestimento sólido  
One lane wide / Uma via de largura  
All weather, loose or light surface / Transmissão todo ano, revestimento solto ou ligeiro  
One lane wide / Uma via de largura  
Fair or dry weather, loose surface / Transmissível em tempo bom ou seco, revestimento solto  
Cart track / Caminho para carruagens  
Footpath, trail / Vereda, trilho  
Route marker / Prefeitura de estrada

JOINT OPERATIONS GRAPHIC (AIR)  
SCALE 1:250,000



- BOUNDARIES—LIMES  
International / Internacional  
First-order administrative division / Divisão administrativa  
Other features—OUTRAS FEIÇÕES  
Area name / Nome de área  
Landmark feature or object: Mine, Tank / Objeto notável: Mina; Tanque  
School: Church: Mosque: Escola; Igreja; Mesquita  
Bridge: Ponte  
Horizontal control point: Ponto de controle horizontal  
TERRAIN ELEVATIONS—ELEVACOES DO TERRENO  
Spot elevation: Normal, Critical / Cota normal, crítica  
Highest known elevation is 2428 feet at the following coordinates: A elevação MAIS ALTA CONHECIDA é 2428 pés nas seguintes coordenadas: 16°30' N 58°20' W UD 4956  
VEGETATION—VEGETAÇÃO  
Woods: Floresta  
HYDROGRAPHY—HIDROGRAFIA  
Intermittent lake or pond / Lagoa intermitente  
VOR with DME / VOR com DME  
Other facilities / Outras instalações

- ELEVATIONS IN FEET  
ELEVACOES EM PÉS  
AERODROMES (Military or Civil)  
AERODROMOS (Militares ou Cíveis)  
Runway pattern unknown / Configuração da pista desconhecida  
EDNA—Name Name  
50—Length of longest runway to nearest hundreds of feet / Extensão da pista mais longa até a centena de pés  
s—Soft or unimproved surface / Revestimento suave ou não melhorado  
u—Unknown surface / Revestimento desconhecido  
725—Elevation: Elevation / Configuração da pista desconhecida  
RADIO AIDS TO NAVIGATION  
AJUDAS DE RÁDIO PARA A NAVEGAÇÃO  
VHF Omni range (VOR)  
Extensão de sinal VHF omni (VOR)  
VORTAC VORTAC  
TACAN TACAN  
VOR with DME / VOR com DME  
Other facilities / Outras instalações

- NOTES—NOTAS  
Powerlines are shown except within populated place limits. Other obstructions are shown if they are 200 feet or more above ground level. See caution note. / Mostrem-se as linhas de alta tensão com exceção das áreas em matiz que indicam as lagoas povoadas. Mostrem-se outras obstruções com 200 ou mais pés acima do nível do terreno. Ver advertências.  
On this graphic a lane is generally considered as being 8 to 12 feet (2.5 to 3.6 meters) in width. / Neste gráfico considera-se que uma via tenha de 8 a 12 pés (2,5 a 3,6 metros) de largura.  
BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHENTICATIVE  
A REPRESENTAÇÃO DE LIMITES NÃO É NECESSARIAMENTE AUTÊNTICA  
1188—Elevation of obstruction top, above sea level / Elevação da cima da obstrução acima do nível do mar  
(258)—Elevation of obstruction top, above ground level / Elevação da cima da obstrução acima do nível do terreno  
Group obstruction: Grupo de obstruções  
Power transmission line / Linha transmissora de energia