

SERIES 1501 AIR  
SHEET SF 23-13  
EDITION 1  
SERIES 1501 COMPANION SHEET IS EDITION 1

- POPULATED PLACES—LOCALIDADES**
- 1st importance  
2nd importance  
3rd importance  
4th importance  
5th importance  
6th importance
- ROADS—RODIVIAS**
- Dual highway  
Estrada de rodagem dual
- All weather, hard surface  
Transmissível todo o ano, revestimento sólido
- Two or more lanes  
Duas ou mais vias
- One lane  
Uma via
- Fair or dry weather, loose surface  
Transmissível em tempo bom e seco
- revestimento solto
- Trail (footpath)  
Trilha
- Road marker, Federal, Secondary  
Prefeitura de estrada, Federal, Estadual
- RAILROADS—ESTRADAS DE FERRO**
- Normal gauge 1m 33 3/8"  
Bibala normal 1m 33 3/8"
- Single track  
Via simples
- Multiple track  
Via múltipla
- Narrow gauge  
Bibala estreita
- Station location: Exact, Approximate  
Estação: Exato, Aproximado
- BOUNDARIES—LIMITES**
- International, International  
First-order administrative, Estadual
- OTHER FEATURES—OUTROS DETALHES**
- Church, Igreja  
School, Escola  
Mine, Mina  
Landscape feature, Aspecto natural do terreno  
Horizontal control point, Ponto trigonométrico
- VEGETATION—VEGETAÇÃO**
- Orchard, Vineyard, Plantation  
Pomar, Viticultura, Plantação
- Woods, jungle, Floresta, Matagal
- HYDROGRAPHY—HIDROGRAFIA**
- Intermittent lake, Lagoa intermitente  
Intermittent stream, Dan  
Curso d'água intermitente, Barragens  
Land subject to inundation  
Terreno sujeito a inundação
- Falls, Rapids, Cataratas, Rápidos
- Salt evaporator, Salina  
Swamp or marsh, Bico  
Brejo ou pantano, Amoz
- Mangrove, Mangue
- Sand Area  
Levee, Dique
- TERRAIN ELEVATIONS—COTAS TERRESTRES**
- Spot elevation: Normal, Critical  
Cota: Normal, Crítica
- HIGHEST KNOWN ELEVATION IS 4626 ±
- A maior altura local conhecida nesta carta é de 4626 ± pés sobre o nível do mar.
- ± following elevation value indicates accuracy is not within 100 feet.
- ± a junção de uma cota indica que o seu valor é aproximado em 100 pés.
- AERODROMES—MILITARY OR CIVIL**
- AERODROMOS (Military or Civil)

EDNA/50/725

Field limits with runway pattern

Limites do campo de aviação com o traçado da pista

EDNA—Name Designations

1—Length of longest runway to nearest hundreds of feet  
Comprimento aproximado em centenas de pés da pista mais longa

2—Soft or unimproved surface  
Pavimento mole ou não preparado

3—Unknown surface. Pavimento desconhecido

72—Elevation, Cota

- Field limits with runway pattern  
Limites do campo de aviação com o traçado da pista desconhecida
- Field limits with runway pattern unknown  
Limites do campo, com o traçado da pista desconhecido
- Field limits unknown, with runway pattern  
Limites do campo desconhecido, com o traçado da pista
- Field limits and runway pattern unknown  
Limites do campo e traçado da pista desconhecidos
- HELIPORT HELIPORTO**
- RADIO FACILITIES RÁDIO-AÚDA**
- RADIO RANGE 18 MF  
RÁDIO FAIXA 18 MF
- R B-D-R-RNG  
PABS
- MULTIPLE RADIO FACILITIES**  
COMANDO DE RÁDIO-AÚDA
- VISUAL AIDS AND OBSTRUCTIONS**  
AUXÍLIOS À NAVEGAÇÃO E OBSTÁCULOS
- Obstruction, Obstáculo
- 1108—Elevation of obstruction top, above sea level  
Cota de cima do obstáculo, acima do nível do mar
- 259—Elevation of obstruction top, above ground level  
Cota de cima do obstáculo, acima do nível do terreno
- Power transmission line  
Linha transmissora de energia (alta tensão)

- ATTENTION**
- THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
- The Maximum Elevation Figures shown 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 unrelieved relief, the MEF is shown by a note spaced across the area.
- EXAMPLE: 12,500 feet **125**
- LOCATION DIAGRAM**  
(IWC INDEX SHOWN IN RED/BROWN)
- |          |          |          |          |          |
|----------|----------|----------|----------|----------|
| SF 22-1  | SF 22-2  | SF 22-3  | SF 22-4  | SF 22-5  |
| SF 22-6  | SF 22-7  | SF 22-8  | SF 22-9  | SF 22-10 |
| SF 22-11 | SF 22-12 | SF 22-13 | SF 22-14 | SF 22-15 |
| SF 22-16 | SF 22-17 | SF 22-18 | SF 22-19 | SF 22-20 |

**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
2000	610	9000	2743
3000	915	8000	2438
4000	1220	7000	2133
5000	1525	6000	1828
6000	1830	5000	1523
7000	2135	4000	1218
8000	2440	3000	913
9000	2745	2000	608
10000	3050	1000	303
11000	3355	0	0

**CAUTION**

AIR INFORMATION CURRENT THROUGH 12 DECEMBER 1979

Consult NOTAMS for information on changes to this chart.

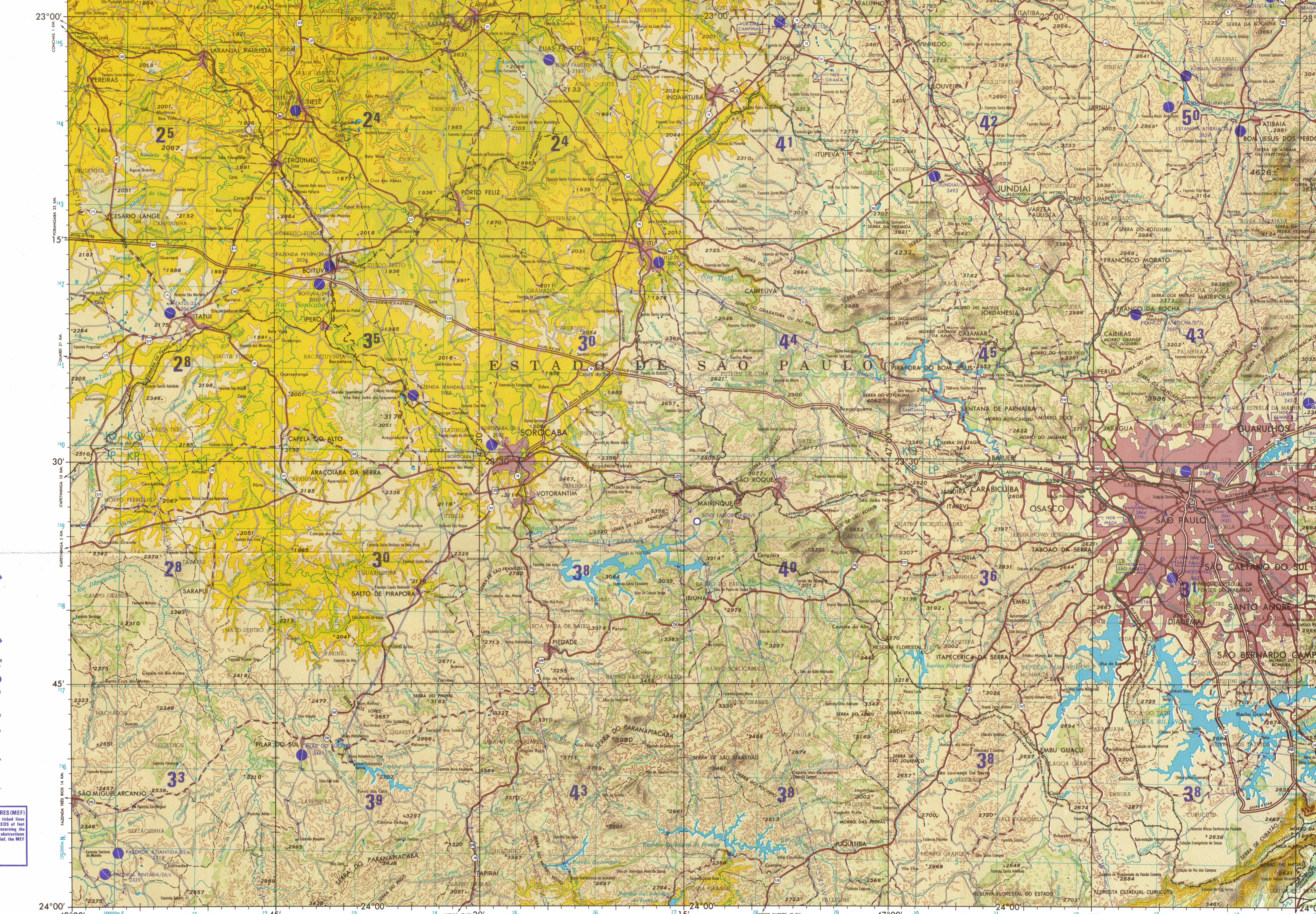
UNHAS ISOGONICAS PARA 1975  
(Crescimento anual médio de 9')

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**SCALE 1:250,000**

**SÃO PAULO, BRAZIL**

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Prepared and published by the Defense Mapping Agency Topographic Center, Washington, D. C. in cooperation with DSG, Brazil. Compiled in January 1977

**JOINT OPERATIONS GRAPHIC (AIR)**

Scale 1:250,000

20 Statute Miles  
30 Kilometers  
15 Naval Miles

**ELEVATIONS IN FEET COTAS EM PÉS**

CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT 145 FOOT INTERVALS  
EQUIDISTÂNCIA DAS CURVAS DE NÍVEL APROXIMADAS DE 330 PÉS COM CURVAS DE NÍVEL SUPLEMENTARES COM INTERVALOS DE 145 PÉS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 23N, INTERNATIONAL SHEETNO. AS UNHAS NUMERADAS EM AZUL INDICAM 10,000 METROS NA QUADRICULA UNIVERSAL TRANSVERSA MERCATOR, ZONA 23N, ESPERDUE INTERNACIONAL.

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**GLOSSARY GLOSSÁRIO**

Abandonada	abandoned	Oleoduto	oil pipeline
Acédua	canal	Parque	park
Adutora	aqueduct	Rancho	ranch
Aque	reservoir	Rapida	rapids
Aqueduto	aqueduct	Reservatório	reservoir
Balsa	ferry	Ribeirão, Rio	stream
Café	coffee	Rodovia	highway
Casa	house	Serra	hill, mountain
Chacaria(s)	country house(s)	Serraote	ridge, hill
Colônia	colony	Sub-estação	farm, country house
Colatubio	construction	Sub-estação	transformadora
Córrego	stream	Estacion	station
Estreitada	electrified	Estado	state
Fazenda	plantation, rancho	Estrada de ferro	rail line
Granja	farm	Fazenda	estate
Ilha	island	Granja	farm
Morro	hill, mountain	Ilha	island
		Morro	hill, mountain

**RELIABILITY OF THIS GRAPHIC (Grado de Confiança desta Pólia)**

Grado de Confiança desta Pólia

Grado de Confiança desta Pólia

**NOTES—NOTAS**

Obstructions 200 feet or more above ground level are shown. The information on obstructions is not necessarily complete.

Somente mostramos os obstáculos com altura igual ou superior a 200 pés acima do terreno. A informação sobre os obstáculos não é sempre completa.

A line generally considered as being 2.5 meters (8 feet) in width. Nesta Pólia considera-se que uma via tem a largura de 2,5 metros (8 pés).

Horizontal Datum: Corrego Alegre Datum: Horizontal: Corrego Alegre Datum: Universal Transverse Mercator Projection

Vertical Datum: Mean Sea Level Datum: Vertical: Nivel Médio do Mar Datum: Universal Transverse Mercator Projection

**ELEVATION TINTS**

3940
985
660
330
BELOW SEA LEVEL

**STOCK NO. 1501AS2313**

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