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ELEVATIONS IN FEET

ALL ELEVATION VALUES (AERONAUTICAL, RELIEF AND HYDROGRAPHIC) ARE BASED ON MEAN SEA LEVEL.

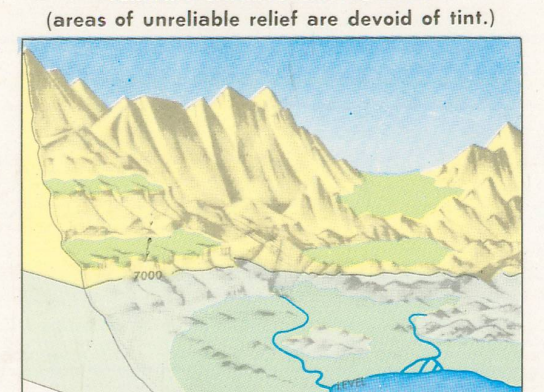
LEGEND

RELIEF PORTRAYAL

Elevations are in feet. HIGHEST TERRAIN elevation is:
11709 feet.
located at 24°06′N 99°39′E

TERRAIN CHARACTERISTIC TINTS

(areas of unreliable relief are devoid of tint.)



Green color indicates flat or relatively level terrain regardless of altitude above sea level.

CONTOURS

Basic interval 1000 feet.

Dashed contours indicate approximate relief.

SPOT ELEVATIONS

Accurate elevations 0000
(Elevations are accurate to within 100 feet.)
Questionable elevations .... ×0000
Maximum possible vertical error is 1000 feet in China, 300 feet Burma and Laos, 200 feet in Thailand.
Location Undetermined 0000
(Vertical accuracy 1000 feet.)
Critical elevation 0000
Lake elevation 0000
Stream elevation 0000

CULTURE

Actual city outline	Towns and villages (outlines unknown)
Landmark feature (unillustrated) .... ranch	Dual lane roads
Primary roads	Secondary roads
Single track R. R.	Multiple track R. R.
Lookout tower	Power transmission line

PICTORIAL SYMBOLIZATION

A black square indicates location

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 .... 12^5

AERONAUTICAL INFORMATION

AERODROMES

Major .... NICA 700
Major, runway pattern not available ENZO/42 312

Major aerodromes portrayed have a hard surface runway length of 3000 feet or more. Runway patterns and 6000 feet diameter circle is shown at 1:500,000 scale. When runway pattern is not shown, the number following the name indicates length of the longest runway to the nearest hundred feet.

Minor .... BIMO 190

VERTICAL OBSTRUCTIONS

Single .... 961 (230) Multiple 961 (230)
Highest vertical obstruction within ticked lines of latitude and longitude 1476 (686)
Radio facility obstruction 961 (230)
1476 – – Height of top above mean sea level (MSL)
(686) – – Height of top above ground level (AGL)

VERTICAL OBSTRUCTIONS SHOWN HAVE BEEN SELECTED FROM INFORMATION AVAILABLE AS OF JANUARY 1989

All vertical obstructions 200 feet AGL and higher cannot be portrayed due to chart scale and feature density. In general, the highest obstruction in each 3 minute by 3 minute matrix (originating at full degree intersection) is shown; however, in areas of dense culture, this pattern is further reduced to enhance clarity.

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.

RADIO FACILITIES

- VHF OMNI RANGE (VOR)
- VORTAC
- TACAN
- VOR DME
- Other Facilities

SPECIAL USE AIRSPACE

LFR45

Alert, Danger, Military Operations Area, Prohibited, Restricted or Warning Areas. Numbers indicate internationally recognized numerical identifications. Airspace limit line widths are reduced and/or dashed in areas of overlap for clarity only.

All Special Use Airspace is portrayed in the body of this chart with the following exception(s):
Those activated by NOTAM.

BLUE NUMBERED LINES INDICATE 100,000 METERS, TICKS 10,000 METERS UNIVERSAL TRANSVERSE MERCATOR GRID, ZONES 47R, 47Q, 48R, 48Q

SAMPLE AREA: NR PR NQ PQ CHENPIEN 25 00000m N. 6 00000m E.

TO REFERENCE TO NEAREST 1,000 METERS
SAMPLE POINT: CHENPIEN

1. Read letters identifying 100,000 meter square in which the point lies:	PQ
2. Locate first VERTICAL grid line or tick to LEFT of point and determine LARGE figure value	0
Estimate tenths from grid line to point:	0
3. Locate first HORIZONTAL grid line or tick BELOW point and determine LARGE figure value	9
Estimate tenths from grid line to point:	8
SAMPLE REFERENCE:	PQ0098
If reporting beyond 9° N.S. or 18° E.W., prefix Grid Zone Designation, as:	47QPQ0098

COMPLETE GRID VALUES ARE SHOWN TO DETERMINE FULL COORDINATES, REMAINING VALUES IN BORDER AREA REFLECT OMISSION OF LAST FOUR DIGITS.

BLUE NUMBERED LINES INDICATE 100,000 INDIAN YARDS, TICKS 10,000 INDIAN YARDS BRITISH GRID, INDIA ZONES IIB, IIIA, IIIB EVEREST SPHEROID

SAMPLE AREA: UE OA UK OF OTHEGON 9 00000yds N. 25 00000yds E.

TO REFERENCE TO NEAREST 1,000 YARDS
SAMPLE POINT: OTHEGON

1. Read letter identifying 100,000 yard square in which the point lies:	F
2. Locate first VERTICAL grid line or tick to LEFT of point and determine LARGE figure value:	0
Estimate tenths from grid line to point:	1
3. Locate first HORIZONTAL grid line or tick BELOW point and determine LARGE figure value:	8
Estimate tenths from grid line to point:	9
SAMPLE REFERENCE:	F0189
If reporting beyond 500,000 yards, prefix with 500,000 yard Square Identification, as:	OF0189

COMPLETE GRID VALUES ARE SHOWN TO DETERMINE FULL COORDINATES, REMAINING VALUES IN BORDER AREA REFLECT OMISSION OF LAST FOUR DIGITS

NOTES

The representation of boundaries is not necessarily authoritative.

Delineation of, and/or terminology associated with, international boundaries have been changed since the last edition.

No prominent vegetation is known to exist within the area of this chart.

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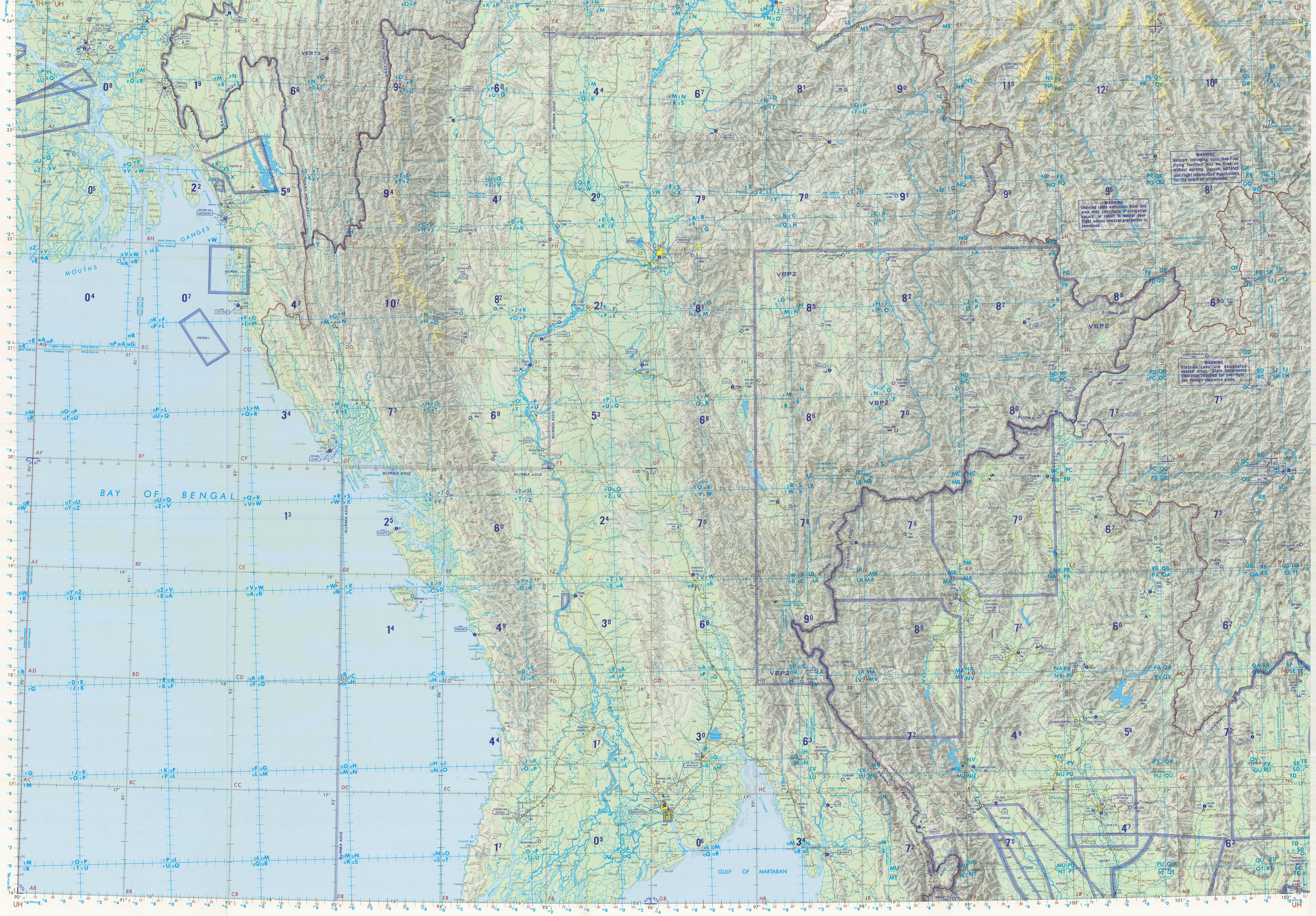
ATTN: PMSR
Washington, DC 20315-0020



WARNING
Aircraft infringing upon Non-Free Flying Territory may be fired on without warning. Consult NOTAMS and Flight Information Publications for the latest air information.
WARNING
Unlisted radio emissions from this area may constitute a navigation hazard or result in border overflight unless unusual precaution is exercised.
WARNING
Vietnam/Laos are designated special areas. State Department clearance required for overflight. See foreign clearance guide.
BAY OF BENGAL
GULF OF MARTABAN
MOUTHS OF THE GANGES
BURMA ADIZ
EAST INDIA ADIZ
THAILAND ADIZ
VBP2
MANDALAY
CHITTAGONG
SITTWE
MOULMEIN
PROME
BASSEIN
UH

ONC J-10

BANGLADESH, BURMA, CHINA, INDIA, LAOS, THAILAND, VIETNAM

SCALE 1:1,000,000

Lambert Conformal Conic Projection
Standard Parallels 17°20′ and 22°40′
Convergence Factor .34215

Prepared and published by the Defense Mapping Agency Aerospace Center, St. Louis, Missouri. Compiled April 1967. Revised February 1989. (Revision limited to aeronautical information and correction of all CHUM conditions.)

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CAUTION

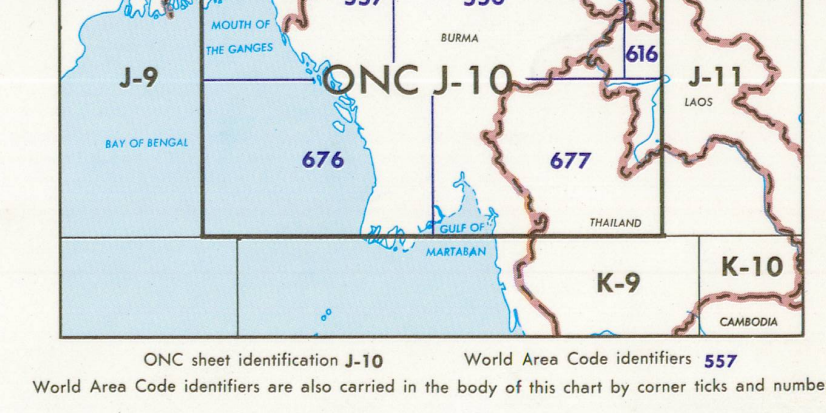
AIR INFORMATION CURRENT THROUGH
27 FEBRUARY 1989
Consult NOTAMS and Flight Information Publications for the latest air information; the DMA Aeronautical Chart Updating Manual or MOD (UK) Aeronautical Chart Amendment Document for other chart revision information.

MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY 1°30′ WESTERLY THROUGHOUT CHART AREA
(Annual Rate of Change 3′ Increase)

STOCK NO. ONCXXJ10

INTERCHART RELATIONSHIP

The representation of boundaries is not necessarily authoritative.



ONC sheet identification J-10   World Area Code identifiers 557
World Area Code identifiers are also carried in the body of this chart by corner ticks and numbers.

ELEVATIONS IN FEET

CONVERSION OF ELEVATIONS
FEET (Thousands) 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
METERS (Thousands) 0 1 2 3 4 5 6 7 8 9

NAUTICAL MILES 5 0 25 50 75 100 125 150
STATUTE MILES 5 0 25 50 75 100 125 150 175
KILOMETERS 5 0 25 50 75 100 125 150 175 200 225 250 275

OPERATIONAL NAVIGATION CHART
1:1,000,000

ELEVATIONS IN FEET

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO:
(US Users): DMA Aerospace Center
ATTN: QA
3200 South Second Street
St. Louis, MO 63118-3399
(Other Users): Directorate of Military Survey, Ministry of Defence, London.

GLOSSARY

Bung	lake
Chaung	stream
Chiang	stream
Ho	stream
Khāl	stream
Khlong	stream
Kyun	island
Lam Nam	stream
Mae	stream
Mae Nam	stream
Mè	stream
Nam	stream
Nam Mae	stream
Naung	lake
Shan	mountains
Va	stream
Yoma	mountain range

WORLD GEOGRAPHIC REFERENCE SYSTEM (RED-BROWN)

SAMPLE AREA: UH MH MAN-YA 101° M 10 20 30′ H 22° 10 20 30

REFERENCE TO WITHIN ONE MINUTE
SAMPLE POINT: MAN-YA

Read GEOREF values from left to right and from bottom to top.	
1. Read letters identifying basic 15° quadrangle in which the point lies:	UH
2. Read letters identifying 1° quadrangle in which the point lies:	MH
3. Locate the first MINUTE tick of LONGITUDE to LEFT of point and determine GEOREF values:	07
4. Locate first MINUTE tick of LATITUDE BELOW point and determine GEOREF value:	03
SAMPLE REFERENCE	UHMH0703

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