SERIES 1501 AIR
SHEET NJ 54-13
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES
- Over 500,000 — TŌKYŌ
- 100,000 to 500,000 — GIFU
- 25,000 to 100,000 — YAMAGUCHI
- 2,500 to 25,000 — Kaitaichi
- less than 2,500 — Kajita

Schools; Church

ROADS
- Dual highway; under construction
- All weather, — Principal (3 LANES) / Secondary
  - Hard surface, two or more lanes wide
  - Loose or light surface, two or more lanes wide
  - Hard surface, one lane wide
  - Loose or light surface, one lane wide
- Fair or dry weather, loose surface
- Cart track
- Footpath, trail
- National route marker

RAILROADS — Single track / Multiple track
- Normal gauge 3'6" (1.067m)
- Narrow gauge 2'6" (.7 6 2 m)

BOUNDARIES
- Primary administrative

TERRAIN ELEVATIONS
- HIGHEST KNOWN elevation is 8681 feet at 36°01'N, 138°22'E
- Spot elevation: normal, critical *768 *1549
- Levee

VEGETATION
- Woods-brushwood; Orchard

HYDROGRAPHY
- Swamp; Rice
- Depth curves in fathoms
- Rock; Awash; Sunken
- Wreck: Exposed; Sunken
- Limit of danger; Reef
- Foreshore flat

AERODROMES (Military or Civil) — EDNA/50/s 725
- Field limits with runway pattern
  - EDNA—Name
  - 50—Length of longest runway to nearest hundreds of feet
    - s—Soft or unimproved surface
    - u—Unknown surface
  - 725—Elevation
- Field limits, with runway pattern unknown
- Field limits unknown, with runway pattern
- Field limits and runway pattern unknown
- SEAPLANE BASE
- SEAPLANE (EMERGENCY)
- HELIPORT

RADIO FACILITIES
- RADIO RANGE LF/MF — RNG HURN
- MULTIPLE RADIO FACILITIES — R Bn-D F-RNG PARIS

CONTROLLED AIRSPACE
- ADIZ — ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS
- Obstruction — 1108 (259)
  - 1108-Elevation of obstruction top, above sea level.
  - (259)-Elevation of obstruction top, above ground level.
- Group obstruction
- Radio facility obstruction
- Power transmission line
- Visual ground sign — M
- Aero light; Marine light

CAUTION

AIR INFORMATION CURRENT THROUGH 9 NOVEMBER 1978

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 1975
(Annual rate of change — no change)

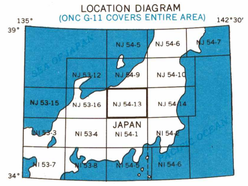
ATTENTION

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.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.

EXAMPLE: 12,500 feet — 12 5

LOCATION DIAGRAM
(ONC G-11 COVERS ENTIRE AREA)



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SCALE 1:250,000
NAGANO, JAPAN

SERIES 1501 AIR
SHEET NJ 54-13
EDITION 2

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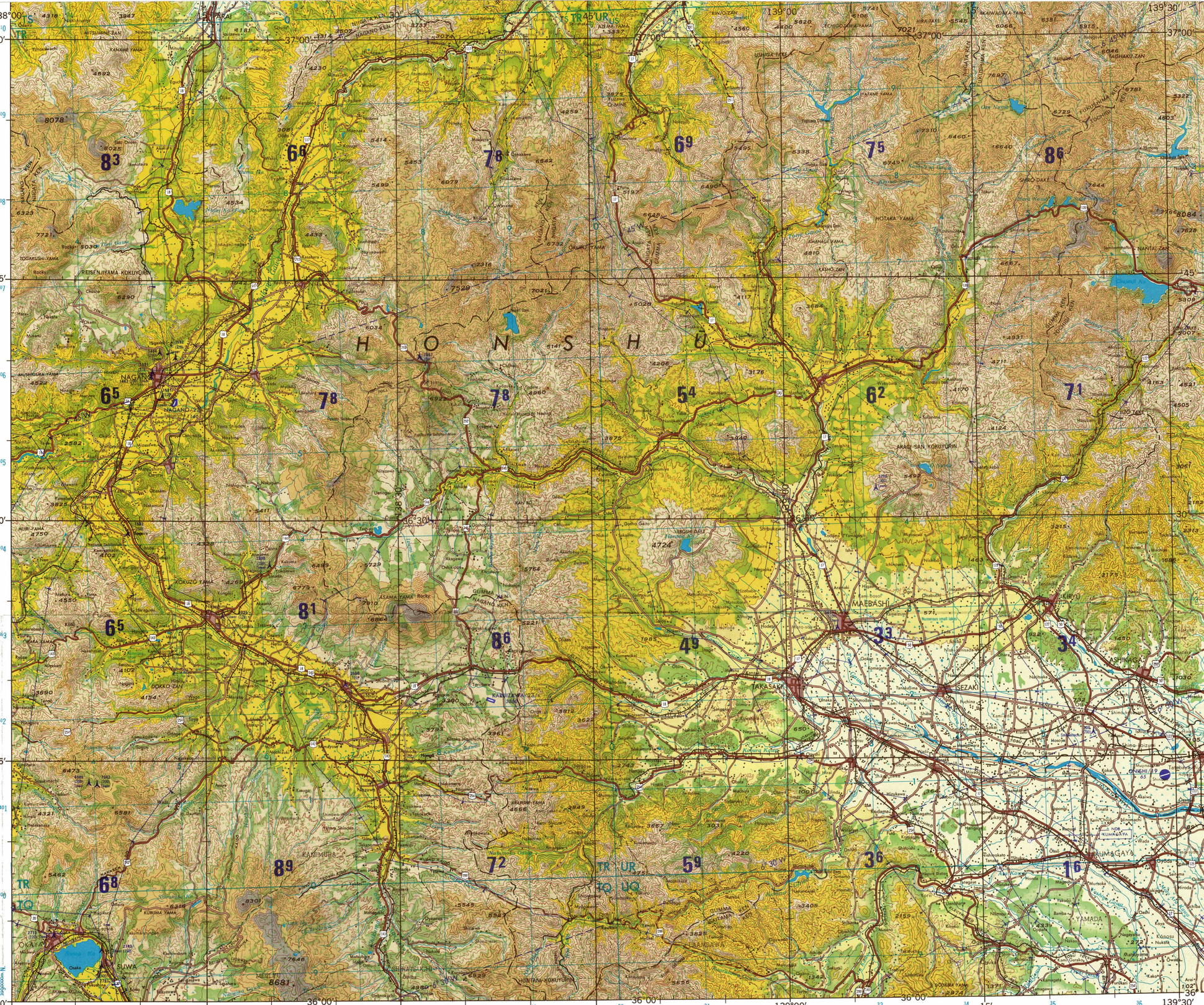

Prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C.
Compiled July 1970.

JOINT OPERATIONS GRAPHICS (AIR)

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 54, BESSEL SPHEROID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0899; COMMERCIAL 314-260-5032; DSN 490-5032; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: COD, MAIL STOP P-37, 4600 SANDAMORE ROAD, BETHESDA, MD 20816-5003.

GRID ZONE DESIGNATION: 54S	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS
100,000 M. SQUARE IDENTIFICATION: TR UR / TQ UQ	SAMPLE POINT: NASU
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 3990000	1. Read letters identifying 100,000 meter square in which the point lies: UR 2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 0 Estimate tenths from grid line to point: 7 3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 0 Estimate tenths from grid line to point: 5
	SAMPLE REFERENCE: UR0705
	If reporting beyond 0°N-S or 18°E-W, prefix Grid Zone Designation, as: 54SUR0705

GLOSSARY

- Bō ..... mountain, peak
- Bokujō ..... pasture
- Dake ..... mountain, peak
- Dentetsu ..... railroad
- Gawa ..... river, stream
- Ike ..... pond, lake
- Kaidō ..... highway
- Kawa ..... river, stream
- Ken ..... primary administrative boundary
- Ko ..... lake
- Kokuyūrin ..... national forest
- Mine ..... peak, mountain
- Numa ..... pond, marsh, swamp
- Onsen ..... hot springs
- Sawa ..... ravine, stream
- Sen ..... railroad
- Take ..... mountain, hill
- Tōge ..... mountain pass
- Yama ..... mountain, hill
- Zan ..... mountain, hill
- Zawa ..... ravine, stream

GEOREF
BASIC 15° QUADRANGLE
XJ
37°
36°
138°
DG
139°
EG
139°30'

ELEVATION TINTS

FEET
6890
4595
2625
985
660
330
0

RELIABILITY OF THIS SHEET
(as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE	
Horizontal	within 410 ft.
Contours	within 164 ft.
DATE OF INFORMATION	
Vegetation	1962
Hydrography	1929-69
All other features	1970
Map field checked	1970

Horizontal Datum: Tokyo Observatory
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

Reprinted by NIMA 1-00

NOTES

On this map a lane is generally considered as being 8 to 12 feet (2.5 to 3.6 meters) in width.

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

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