

SERIES 1501 AIR SHEET NI 53-1 EDITION 2
COMPANION SERIES 1501 IS EDITION 1

LEGEND

- POPULATED PLACES**
- Over 500,000: TOKYO, GYFU, YAMAGUCHI
 - 100,000 to 500,000: Kaitachi
 - 25,000 to 100,000: Kaitachi
 - 2,500 to 25,000: Kaitachi
 - Less than 2,500: Kaitachi
 - School, Church: Kaitachi
- ROADS**
- Dual highway under construction
 - All weather: 1 PLANE, 2 PLANE
 - 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
 - Route marker
- RAILROADS**
- Normal gauge 3'6" (1.067m): Single track, Multiple track
 - Narrow gauge 2'6" (762mm): Single track, Multiple track
- BOUNDARIES**
- Ken, To, Fu
- TERRAIN ELEVATIONS**
- HIGHEST KNOWN elevation is 5620 feet at 35°22'N 133°22'E
 - Spot elevation: normal, critical
- VEGETATION**
- Woods-brushwood, Orchard
- HYDROGRAPHY**
- Swamp, Rice
 - Depth curves in fathoms
 - Rock, Awash, Sunken
 - Wreck: Exposed, Sunken
 - Limit of danger, Reef
 - Foreshore flat
- On this map a lane is considered as being 8-12 feet (2.5 to 3.6 meters) in width.
- AERODROMES (Military or Civil)**
- EDNA/50/4, 725
 - Field limits with runway pattern
 - Field limits, with runway pattern unknown
 - Field limits unknown, with runway pattern
 - Field limits and runway pattern unknown
- SEAPLANE BASE**
- SEAPLANE (EMERGENCY)**
- RADIO FACILITIES**
- VORTAC
 - RADIO RANGE LF/MF
 - MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE**
- ADIZ
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 1108 (239)
 - Group obstruction
 - Radio facility obstruction
 - Power transmission line
 - Ocean station vessel (Normal position)
 - Visual ground sign
 - Aero light, Marine light

CAUTION
AIR INFORMATION CURRENT THROUGH 5 JULY 1979
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.

ATTENTION
LINES OF EQUAL MAGNETIC VARIATION FOR 1975 (Annual rate of change, no change)

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 HUNDREDS and THOUSANDS 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 (towers, towers, etc.) in areas of extensive available relief. The MEF is shown by a note spaced across the area.
EXAMPLE: 12,500 feet **125**

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

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C. Compiled in 1966.

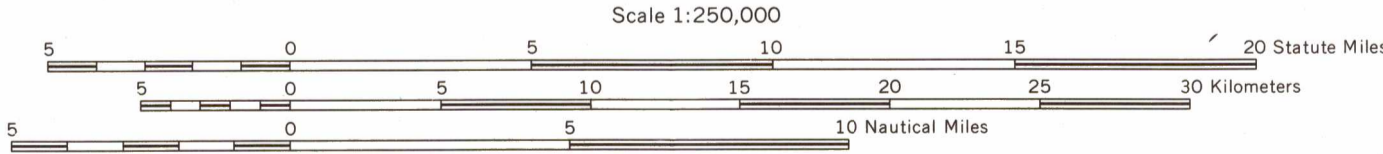


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SCALE 1:250,000
MATSUE, JAPAN
SERIES 1501 AIR SHEET NI 53-1 EDITION 2
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GRID ZONE DESIGNATION: 53S	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS				
100,000 M. SQUARE IDENTIFICATION	SAMPLE POINTS IDENTIFYING 100,000 METER SQUARE IN WHICH THE POINT LIES.				
<table border="1"> <tr><td>KK</td><td>LK</td></tr> <tr><td>KJ</td><td>LJ</td></tr> </table>	KK	LK	KJ	LJ	1. Read letters identifying 100,000 meter square in which the point lies. 2. Locate the 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. 3. Estimate tenths from grid line to point. 4. Locate the HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself. 5. Estimate tenths from grid line to point. 6. If reporting beyond 9th or 10th W. profile, Grid Zone Designator, etc.
KK	LK				
KJ	LJ				
IGNORE THE SMALLER figures of any grid number; these are for finding the full coordinates; use ONLY the LARGE figures of the grid number; example: 3801000	SAMPLE REFERENCE: 14077				

JOINT OPERATIONS GRAPHIC (AIR)



CONTOUR INTERVAL APPROXIMATELY 330 FEET

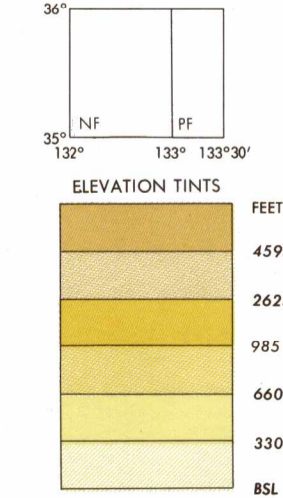
TRANSVERSE MERCATOR PROJECTION

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 53, BESSSEL SPHEROID

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NMMA CUSTOMER HELP DESK: 1-800-455-0889; COMMERCIAL: 314-260-9202; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: COO, MAIL STOP 1-37, 4800 LAMARSHORE ROAD, BETHESDA, MD 20815-5001.

- GLOSSARY**
- Bana.....point
 - Doro.....toll road
 - Dentetsu.....railroad
 - Gawa.....stream
 - Honsen.....railroad
 - Jima.....island
 - Ken.....primary administrative division
 - Ko.....harbor
 - Ko.....lake
 - San.....hill, mountain
 - Sen.....inlet
 - Shima.....island
 - Umi.....sea
 - Ura.....inlet
 - Wan.....Bay, cove, inlet
 - Yama.....hill, mountain
 - Zaki.....point
 - Zan.....mountain

GEOREF BASIC 15° QUADRANGLE WJ

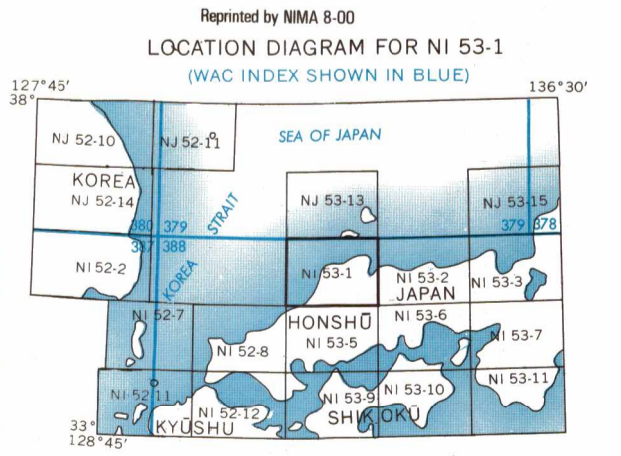


RELIABILITY OF THIS MAP
(As determined by standard practices)

Accuracy as related to control of map:
Horizontal positions.....within 10 ft
Contours.....within 20 ft

Date of map information:
Road Classification.....1962
Vegetation.....1962
All other features.....1962
Coastal hydrography.....1957/1957

Horizontal Datum: Tokyo Observatory
Vertical Datum: Mean Sea Level
Map not field checked



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