SERIES 1501 AIR
SHEET NJ 39-14
EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 3

POPULATED PLACES

- Over 100,000 ..... TEHRĀN
- 50,000 to 100,000 ..... KERMĀN
- 10,000 to 50,000 ..... Khorramshahr
- 2,000 to 10,000 ..... Farimān
- Less than 2,000 ..... Bostānābād

ROADS

- Dual highway ..... 4 LANES DUAL
- All weather, hard surface
  - More than two lanes wide
  - Two lanes wide
  - One lane wide
- All weather, loose or light surface
  - More than two lanes wide
  - Two lanes wide
  - One lane wide
- Fair or dry weather, loose surface
- Cart track; Footpath, trail
- Route marker 20

RAILROADS

- Normal gauge, single track 1.44m (4'8½")
- Narrow gauge
- Station position known; unknown

BOUNDARIES

- International
- First-order administrative division

OTHER FEATURES

- Area Name ..... RŪDAK
- Mine or quarry
- Landmark feature or object
- School; Church; Mosque
- Well; Tank
- Well: Perennial; Intermittent
- Spring, fountain or cistern
- Underground aqueduct with shafts; Sabkha (Kavir)
- Wadi; Intermittent lake
- Marsh or swamp; Land subject to inundation
- Mound; Levee
- Distorted surface; Sand
- Dunes: Ripple; Crescent; Lateral
- Horizontal control point

VEGETATION

- Woods; Scattered trees
- Orchard, plantations, vineyards

HYDROGRAPHY

- Rocks awash
- Exposed wreck
- Limit of danger; Reef
- Foreshore flat
- Depth curve; 20

TERRAIN ELEVATIONS

- Spot elevation: normal; critical *1086 *3634
- HIGHEST KNOWN elevation is ..... 15233 feet at the following coordinates:
- Geographic ..... 36°22'N, 50°57'E
- Grid VA9626

± following elevation value indicates accuracy is not within 100 feet

AERODROMES (Military or Civil)

Runway pattern known EDNA/50/s 725

EDNA–Name
50–Length of longest runway to nearest hundreds of feet
s–Soft or unimproved surface
u–Unknown surface
725–Elevation

Runway pattern unknown

- HELIPORT/HELIPAD
- HELIPORT/HELIPAD AT HOSPITAL

RADIO AIDS TO NAVIGATION

- VHF OMNI RANGE (VOR)
- VORTAC
- TACAN
- VOR with DME
- Other facilities

RADIO FACILITIES

- RADIO RANGE LF/MF ..... RNG HURN
- MULTIPLE RADIO FACILITIES ..... NDB-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
18 APRIL 1988
Consult NOTAMS and Flight Information Publications for the latest information; the DOD Aeronautical Chart Updating Manual or MOD (U. K.) Aeronautical Chart Amendment document for other chart revision information

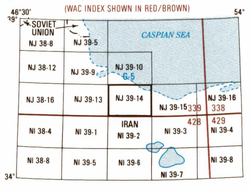
MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY 4° EAST OVER THE ENTIRE AREA
(Annual rate of change 1' increase)

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, antennae, etc.).

EXAMPLE: 12,500 feet ..... 12^{5}

LOCATION DIAGRAM

(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



SCALE 1:250,000
QAZVĪN, IRAN

SERIES 1501 AIR
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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.

FOR REFERENCING, GRID AND GEOGRAPHIC VALUES MAY BE CONSIDERED AS EITHER EUROPEAN OR WORLD GEODETIC SYSTEM DATUM SINCE POSITION PLOTTING DIFFERENCES ARE NOT SIGNIFICANT AT THIS SCALE.

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled in November 1987.

JOINT OPERATIONS GRAPHIC (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 15 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 39, WORLD GEODETIC SYSTEM ELLIPSOID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 693-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

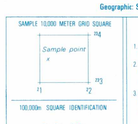
CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	20000	6096
900	274	10000	3048
800	244	9000	2743
700	213	8000	2438
600	183	7000	2134
500	152	6000	1829
400	122	5000	1524
300	91	4000	1219
200	61	3000	914
150	46	2000	610
100	31	1500	457
50	15	1000	305

COORDINATE CONVERSION WGS TO ED

Grid: Subtract 8m E.; Add 180m. N.
Geographic: Subtract 0.2" Long.; Add 3.7" Lat.

SAMPLE 10,000 METER GRID SQUARE



100,000m SQUARE IDENTIFICATION
See Body of Map

GRID ZONE DESIGNATION
39S

SAMPLE 1,000 METER REFERENCE

1. Read letters identifying the 100,000 meter square in which the point lies: AB
2. Read large number labeling the VERTICAL grid line left of point: 1
   Estimate tenths (1,000 meters) from grid line to point: 2
3. Read large number labeling the HORIZONTAL grid line below point: 3
   Estimate tenths (1,000 meters) from grid line to point: 4

Example: AB1234

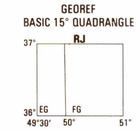
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 39SAB1234

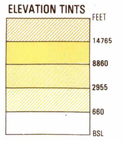
GLOSSARY

- Āb ..... stream
- Chay ..... pass
- Istgāh ..... railroad station
- Kuh ..... mountain
- Ostān ..... first-order administrative division
- Reshteh ..... mountain range
- Rūd ..... stream
- Rūdkhāneh ..... stream

GEOREF
BASIC 15° QUADRANGLE



ELEVATION TINTS



Reprinted By NIMA 12-02

RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials.

Horizontal Datum: World Geodetic System
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

NOTES

Powerlines are shown except within populated place tints. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

On this graphic a lane is generally considered being 8 feet (2.5 meters) in width.

ADMINISTRATIVE DIVISION BOUNDARIES ARE APPROXIMATE.

Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.

NSN 7641014105149
NIMA Ref No. 1501ANJ3914
ED. NO. 004