SERIES 1501 AIR
SHEET NJ 38-11
EDITION 4
SERIES 1501 COMPANION SHEET IS EDITION 3

POPULATED PLACES
Over 100,000 ... TEHRĀN
50,000–100,000 ... KERMĀN
10,000–50,000 ... Khorramshahr
2,000–10,000 ... Farimān

ROADS
Dual highway ... 4 LANES DUAL
All weather, hard surface:
More than two lanes wide ... 4 LANES
Two lanes wide
One lane wide
All weather, loose or light surface:
More than two lanes wide ... 3 LANES
Two lanes wide
One lane wide
Fair or dry weather, loose surface
Cart track
Footpath, trail
Route marker ... 50

RAILROADS — Single track — Multiple track
Normal gauge 1.44m (4'8½") — Station position — Narrow gauge
known — unknown

BOUNDARIES
International
First-order administrative division
Reservation

OTHER FEATURES
Area name ... RŪDAK
School; Church; Mosque
Landmark feature or object
Tank; Well; Wall; Fence
Mine; Bridge
Horizontal control point
Sand

HYDROGRAPHY
Underground aqueduct with shafts
Small reservoir; Land subject to inundation
Spring; Intermittent lake
Intermittent streams: Single; Double line
Well: Perennial; Intermictent; Disappearing stream

TERRAIN ELEVATIONS
Spot elevation: Normal; Critical ... *646 *840
HIGHEST KNOWN elevation is 12096 feet at the following coordinates:
Geographic ... 37°43'N, 46°30'E
Grid ... PG3277
The accuracy of all elevations on the graphic is 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 FACILITIES
RADIO RANGE LF/MF ... RNG HURN
MULTIPLE RADIO FACILITIES ... NDB-RNG PARIS
VHF OMNI RANGE (VOR)
VORTAC
TACAN
VOR WITH DME
Other facilities

CONTROLLED AIRSPACE
ADIZ ... ATLANTIC ADIZ

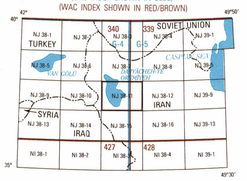
VISUAL AIDS AND OBSTRUCTIONS
Obstruction ... 1108 (259)
1108–Elevation of obstruction top, above sea level.
(259)–Elevation of obstruction top, above ground level.
Group obstruction
Radio facility obstruction
Power transmission line
Visual ground sign ... M
Aero light; Marine light

CAUTION
AIR INFORMATION CURRENT THROUGH
9 JULY 1991
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.

MAGNETIC VARIATION FOR 1990 IS APPROXIMATELY 4°E OVER THE ENTIRE AREA.
(Annual rate of change, 1' decrease)

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

LOCATION DIAGRAM
(ONE INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



SCALE: 1:250,000
ORŪMĪYEH, IRAN

SERIES 1501 AIR
SHEET NJ 38-11
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Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington,D.C. Compiled August 1990.

CONVERSION OF ELEVATIONS

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

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.

SAMPLE 10,000 METER GRID SQUARE
Sample point
PH
PJ
PJ
100,000m SQUARE IDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
38S

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: 38SAB1234

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 38, WORLD GEODETIC SYSTEM ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4804; DSN 693-4804; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

ELEVATIONS IN FEET

GLOSSARY

Āb	stream
Bandar	port
Bolāgh, Bolāghī	spring
Cham	stream
Chāy	stream
Dabestān	elementary school
Dāgh, Dāghī	mountain
Darreh, Darrehsī	valley
Daryācheh	lake
Gardaneh	pass
Hesār	fort
Istgāh	railroad station
Jazīreh	island
Kūh, Kūhhā	mountain
Ma'dan	mine
Nīmeh Istgāh	midway station
Nim Istgāh	midway station
Ordū	camp
Ostān	first-order administrative division
Qayleh	rock
Rūd	stream
Rūdkhāneh	stream
Shebh-e Jazīreh	peninsula
Tappeh	hill

GEOREF
BASIC 15° QUADRANGLE
RJ
38°
37°
AH
BH
45°
46°
46°30'

ELEVATION TINTS
FEET
8860
2955

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90° ASSURANCE	AREA I	AREA II
Horizontal	within 613 ft.	within 613 ft.
Contours	within 98 ft.	within 98 ft.
GRAPHIC FEATURE	DATE OF INFORMATION	
	AREA I	AREA II
Contours	1990	1990
All Other features	1964	1962

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

Lithographed by DMAAC 11-94
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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.
BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITATIVE.
Alignment of all boundaries is approximate.
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.
Names for symbolized populated places are omitted where information is not available or where denisty of detail does not permit their inclusion.

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