

SERIES 1501 AIR SHEET NJ 43-9 EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 1

- LEGEND**
- POPULATED PLACES**
- OVER 100,000 MOSCOW
  - 50,000 to 100,000 MAGADAN
  - 10,000 to 50,000 OKHA
  - 2,000 to 10,000 Andark
  - less than 2,000 Klerk
  - landmark feature
- ROADS**
- All weather hard surface
    - Two or more lanes wide
    - One lane wide
  - All weather loose or light surface
    - Two or more lanes wide
    - One lane wide
  - Fair or dry weather loose surface
  - Track or trail
- RAILROADS**
- Normal gauge 1.52m 150"
  - Narrow gauge
- BOUNDARIES**
- International
  - Primary administrative
  - Secondary administrative
- VEGETATION**
- Woods brushwood
  - None shown
- HYDROGRAPHY**
- Inundated land
  - Seawalls, piers
  - Swamp or marsh
  - Intermittent stream
  - Well, Spring
  - Perennial lake
  - Reef; Limit of danger
  - Dam
  - Navigable canal
  - Soft spot
  - Falls
  - Rapids
  - Rocks; Sunken; Awash
  - Glacier, Glacial Moraine

**TERRAIN ELEVATIONS**

HIGHEST KNOWN elevation is **22,064** feet or 37°09'N, 72°29'E.  
Spot elevation: Normal; Critical **.768** - **1549**  
Horizontal control point  
E following elevation value indicates accuracy; is not within 100 feet.

- AERODROMES (Military or Civil)**
- EDNA 50% **ZS**
  - Runway pattern known
  - EDNA-Name
  - 50-Length of longest runway to nearest hundreds of feet
  - Soft or unimproved surface
  - u-Unknown surface
  - 725-Elevation
  - Runway pattern unknown
- HELIPORT/HELIPAD**
- HELIPORT/HELIPAD AT HOSPITAL
- RADIO FACILITIES**
- RADIO RANGE LF/MF
  - MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE**
- ADIZ **ATLANTIC ADIZ**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction
    - 1108-Elevation of obstruction top, above sea level.
    - (258)-Elevation of obstruction top, above ground level.
  - Group obstruction
  - Radio facility obstruction
  - Power transmission line
  - Visual ground sign
  - Aero light; Marine light

**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.

**CAUTION**

**AIR INFORMATION CURRENT THROUGH 12 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.

**LINE OF EQUAL MAGNETIC VARIATION FOR 1990**  
(Annual rate of change, 1' increase.)

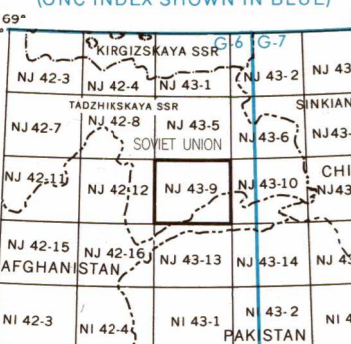
**ATTENTION**

**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, antennas, etc.).

**EXAMPLE: 12,500 feet** **125**

**LOCATION DIAGRAM**  
(ONC INDEX SHOWN IN BLUE)



Prepared under the direction of the Department of Defense and published by the Aeronautical Chart and Information Center, U.S. Air Force, St. Louis, Missouri, 63118. Compiled July 1989 from best available source.

**CONVERSION OF ELEVATIONS**

FEET	METERS
1500	457
2000	609
3000	914
4000	1219
5000	1524
6000	1829
7000	2134
8000	2438
9000	2743
10000	3048
11000	3353
12000	3658
13000	3963
14000	4268
15000	4573
16000	4878
17000	5183
18000	5488
19000	5793
20000	6098
21000	6403
22000	6708
23000	7013
24000	7318
25000	7623
26000	7928
27000	8233
28000	8538
29000	8843
30000	9148
31000	9453
32000	9758
33000	10063
34000	10368
35000	10673
36000	10978
37000	11283
38000	11588
39000	11893
40000	12198

**SCALE 1:250,000**  
**GARMCHASMA, SOVIET UNION;**  
**AFGHANISTAN**

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**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.

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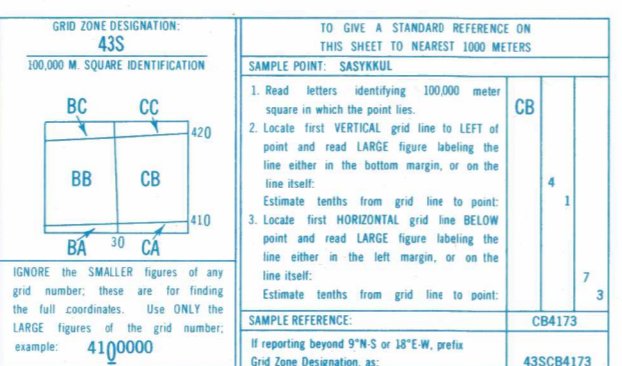
**JOINT OPERATIONS GRAPHIC (AIR)**

Scale 1:250,000



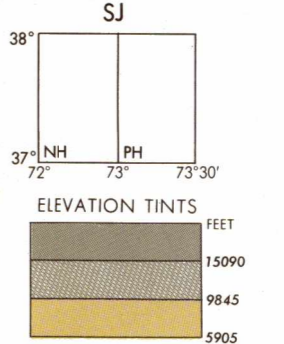
CONTOUR INTERVAL APPROXIMATELY 660 FEET (200 METERS)

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 43, WORLD GEODETIC SYSTEM



USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE MMA OPERATIONAL HELP DESK: 1-800-455-0289; COMMERCIAL: 314-253-4848; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: CG, MAIL STOP 1-88, 4600 SANGHARWIC ROAD, BETHESDA, MD 20815-5002.

- GLOSSARY**
- Ab . . . . . stream
  - Dary . . . . . stream
  - Gora . . . . . mountain
  - Khrebet . . . . . mountain range
  - Ozero . . . . . lake
  - Pik . . . . . mountain peak



**RELIABILITY OF THIS SHEET**  
(As determined by nearest section)

MAP FEATURE	Date of information
ALL FEATURES	1989

COMPILED FROM BEST AVAILABLE SOURCE MATERIALS

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

Printed by the Defense Mapping Agency Hydrograph/Topographic Center: 8-91  
NOTES:  
Powerlines are shown except within populated place limits. Other obstructions are shown if they are 200 feet or more above ground level. See caution note. BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY. Road classification should be referred to with caution. On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.

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