

SERIES 1501 AIR SHEET NO 46-10 EDITION 1

- POPULATED PLACES**
- Over 100,000 IRKUTSK
  - 50,000-100,000 SHELEKHOV
  - 10,000-50,000 Sheydyanka
  - 2,000-10,000 Meget
  - Less than 2,000 Tifme
- ROADS**
- Dual highway 4 LANES DUAL
  - All weather, hard surface:
    - More than two lanes wide 4 LANES
    - Two lanes wide 3 LANES
    - One lane wide 2 LANES
  - All weather, loose or light surface:
    - More than two lanes wide 4 LANES
    - Two lanes wide 3 LANES
    - One lane wide 2 LANES
  - Fair or dry weather, loose surface 2 LANES
  - Cart track 1 LANE
  - Footpath, trail 0.5 LANE
  - Route marker 0.2 LANE
- RAILROADS**
- Normal gauge 1.44m (4'8 1/2") Single track
  - Station position known
  - Narrow gauge Multiple track
  - Station position unknown
- VEGETATION**
- Woods
- OTHER FEATURES**
- School, Church, Mosque
  - Landmark feature or object
  - Tank, Well, Fence
  - Mine or quarry
- HYDROGRAPHY**
- Land subject to inundation
  - Marsh or swamp
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical 659 1762
  - HIGHEST KNOWN elevation is 1932 feet at the following coordinates:
    - Geographic 56°07'N, 91°59'E
    - Grid DH3719
- AERODROMES (Military or Civil)**
- EDNA/504 725
  - Runway pattern known
  - 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
- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR)
  - VORTAC
  - TACAN
  - VOR with DME
  - Other facilities
- RADIO FACILITIES**
- RADIO RANGE LF/MF
  - MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE**
- ADIZ CONUS ADIZ
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction 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
  - 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 location or height are exact.

**CAUTION**

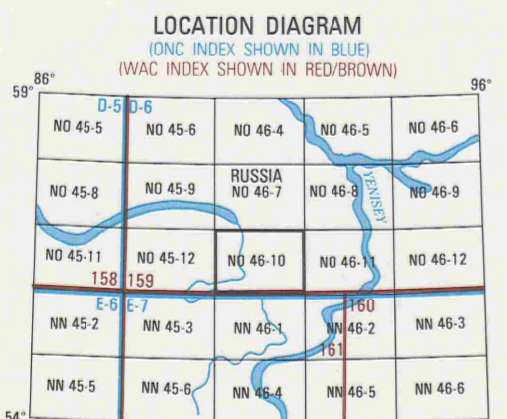
**AIR INFORMATION CURRENT THROUGH 2 APRIL 1998**  
Consult NOTAMS and Flight Information Publications for the latest air information; the NIMA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

**LINE OF EQUAL MAGNETIC VARIATION FOR 1995**  
(Annual rate of change 3' increase)

**ATTENTION**

**THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**  
The Maximum Elevation Figures shows 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**



**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

SCALE 1:250,000  
ACHINSK, RUSSIA  
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Prepared and published by the National Imagery and Mapping Agency, Compiled May 1997.  
MAP INFORMATION AS OF 1996

**COORDINATE CONVERSION FROM WGS 84 TO WGS 72**  
Grid: Subtract 1.0m; Subtract 4cm; Geographic: Subtract 0.6" Long, Subtract 0.1" Lat.

**SAMPLE 1000 METER GRID SQUARE**

**SAMPLE 1000 METER REFERENCE**

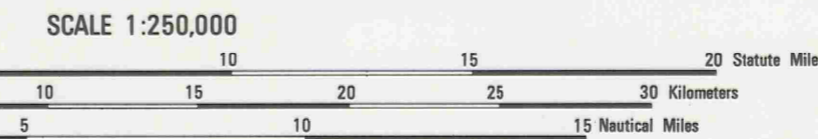
- Read lines identifying the 10000 meter square in which the point lies: AB
- Read large number labeling the VERTICAL grid line to the right of the point: 12
- Read large number labeling the HORIZONTAL grid line below the point: 4
- Read large number labeling the 1000 meter square: 481234

**100,000 SQUARE COORDINATION**  
On Day of Map: 481234

**GRID ZONE COORDINATION**  
46V

**WEEK REPORTING OUTSIDE THE GRID ZONE COORDINATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE COORDINATION**  
Example: 48V481234

**JOINT OPERATIONS GRAPHIC (AIR)**



CONTOUR INTERVAL APPROXIMATELY 165 FEET

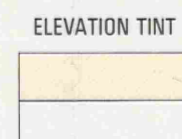
BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 46, WORLD GEODETIC SYSTEM 1984 ELLIPSOID

USERS SHOULD REFER TO THE NIMA CUSTOMER HELP DESK: 1-800-854-8888, COMMERCIAL: 1-344-226-7226, FOR ABBREVIATED, OR 484-6737, IN WRITING TO: ATTN: CDR, MAIL STOP # 37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMORE ROAD, BETHESDA, MD 20815-5003.

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**GLOSSARY**

- Khrabiv ..... mountains
- Kay ..... first order administrative division
- Santayev ..... railroad station



**RELIABILITY OF THIS GRAPHIC**  
(as determined by standard practices)

PLOTING ACCURACY 90% ASSURANCE	AREA I	AREA II	AREA III
	Horizontal: 425 ft (130 m)	425 ft (130 m)	425 ft (130 m)
Vertical: 85 ft (26 m)	85 ft (26 m)	85 ft (26 m)	85 ft (26 m)
Contours: 1997 1997 1997	1997 1997 1997	1997 1997 1997	1997 1997 1997
DATE OF INFORMATION	AREA I AREA II AREA III	AREA I AREA II AREA III	AREA I AREA II AREA III
All other features: 1993 1993 1993	1993 1993 1993	1993 1993 1993	1993 1993 1993

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

**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.  
On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.  
The number in parenthesis following a populated place indicates that more than one place is so named.  
BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHENTICATIVE.

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