

SERIES 1501 AIR SHEET NO 41-7 EDITION 1  
SERIES 1501 COMPANION SHEET IS EDITION 2

**POPULATED PLACES**

Over 100,000 **ALMATY**  
50,000 to 100,000 **BALDASH**  
10,000 to 50,000 **Tatarsk**  
2,000 to 10,000 **Grigor'yevka**  
Less than 2,000 **Samy**

**ROADS**

Dual highway  
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  
Track or trail  
Route marker

**RAILROADS**

Normal gauge 5' (1.52m)  
Narrow gauge  
Station, position

**BOUNDARIES**

International  
First order administrative division

**OTHER FEATURES**

Landmark  
Horizontal control point  
Levee, Burial mound  
Mine  
Dam or lock, Sand  
Dunes: Crescent, Lateral, Ripple

**VEGETATION**

Woods  
Orchard or vineyard

**HYDROGRAPHY**

Well: Perennial, Intermittent  
Intermittent streams  
Disappearing stream: Swamp or marsh  
Intermittent lake: Land subject to inundation

**TERRAIN ELEVATIONS**

Spot elevation: normal, critical  
HIGHEST KNOWN elevation is **2093±** feet at the following coordinates:  
Geographic: 57°15'N, 60°01'E  
Grid: L20048

**AERODROMES (Military or Civil)**

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

**HELIPORT/HELIPAD**

**VISUAL AIDS AND OBSTRUCTIONS**

Obstruction  
1108-Elevation of obstruction top, above sea level.  
(259)-Elevation of obstruction top, above ground level.

**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**

12 AUGUST 1998  
Consult NOTAMS and Flight Information Publication for the latest information on the AIRMAT, Aeronautical Chart, Obstruction Manual or MCD (or ICAO Aeronautical Chart, Obstruction Manual, or other chart version information).

**CAUTION**

**LINES OF EQUAL MAGNETIC VARIATION FOR 1995**  
(Annual rate of change 2' increase)

**ATTENTION**

**THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**

The Maximum Elevation Figure shown in quadrangles bounded by solid lines of latitude and longitude are represented by HIGHEST KNOWN and HIGHEST OF AIR 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, etc.).

**125**

EXAMPLE: 12,500 feet

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

NO 40-2	NO 40-3	NO 41-1	NO 41-2	NO 41-3
NO 40-5	NO 40-6	NO 41-4	NO 41-5	NO 41-6
NO 40-8	NO 40-9	NO 41-7	NO 41-8	NO 41-9
NO 40-11	NO 40-12	NO 41-10	NO 41-11	NO 41-12
185	184	183	182	181
180	179	178	177	176

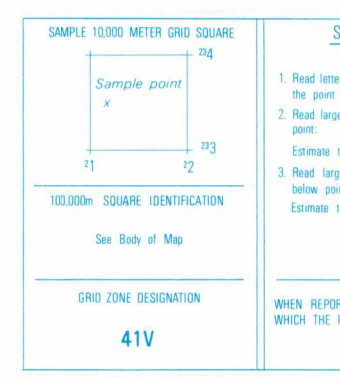
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**SCALE: 1:250,000**  
**NIZHNIY TAGIL (EAST), RUSSIA**

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**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
800	274	8000	2743
600	244	6000	2438
400	214	4000	2134
200	183	2000	1829
100	152	1000	1524
100	122	1000	1219
200	91	3000	914
300	61	2000	610
400	46	1500	457
100	31	1000	305



**JOINT OPERATIONS GRAPHIC (AIR)**  
SCALE 1:250,000  
CONTOUR INTERVAL APPROXIMATELY 165 FEET



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

1994	90%
1993	90%

**PLOTTING ACCURACY 90% ASSURANCE**

Horizontal	within 49 ft.
Contours	within 69 ft.

**GRAPHIC FEATURE DATE OF INFORMATION**

All features: See diagram

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

**GLOSSARY**

Gora: hill  
Ogonyony punkt: passing sliding  
Obelast: first-order administrative division  
Distansovoychnyy punkt: stop  
Ozero: lake  
Prud: reservoir  
Ruk' vod: railroad siding  
Stantsiya: station  
Vodokhranilishche: reservoir

**NOTES**

Powerlines are shown except within populated place tints. Other obstructions are shown if they are 150 feet or more above ground level. See caution note.

**CAUTION: POWER TRANSMISSION LINES INDICATED WITH THE VERTICAL OBSTRUCTION SYMBOL RANGE FROM 100 TO 1152 FEET IN HEIGHT ABOVE SEA LEVEL OR 250 FEET IN HEIGHT ABOVE GROUND LEVEL OVER THE ENTIRE SHEET.**

A one lane road is from 8 to 18 feet (2.5 to less than 5.5 meters) wide. For roads two or more lanes wide a lane is considered to be from 9 to 13 feet (2.7 to 4.1 meters) wide.

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