

SERIES 1501 AIR SHEET NO 37-8 EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 1

- POPULATED PLACES**
- Over 100,000: MOSKVA
  - 50,000 to 100,000: KLIMOVSK
  - 10,000 to 50,000: Obukhovo
  - 2,000 to 10,000: Kubinka
  - Less than 2,000: Dubtsy
- ROADS**
- Dual highway: 4 LANES DUAL
  - All weather, hard surface: 4 LANES
  - More than two lanes wide: 4 LANES
  - Two lanes wide: 4 LANES
  - One lane wide: 4 LANES
  - All weather, loose or light surface: 3 LANES
  - Two lanes wide: 3 LANES
  - One lane wide: 3 LANES
  - Fair or dry weather, loose surface: 3 LANES
  - Cart track: 3 LANES
  - Footpath, track: 3 LANES
  - Route marker: 3 LANES
- RAILROADS**
- Normal gauge, single track 1.52m (5.0'); Double track: 3 LANES
  - Narrow gauge: 3 LANES
- BOUNDARIES**
- International: 3 LANES
  - First-order administrative: 3 LANES
- OTHER FEATURES**
- Mine or quarry: 3 LANES
  - Campsite, Raft, Watermill: 3 LANES
  - School, Church, Landmark: 3 LANES
  - Mosque, Muslim shrine: 3 LANES
  - Small reservoir or cistern: 3 LANES
  - Well, Personal, Intermitter, Spring: 3 LANES
  - Underground aqueduct with shafts: 3 LANES
  - Sakha or Dry lake, Intermittent lake: 3 LANES
  - Single line intermittent stream, Wadi: 3 LANES
  - Marsh or swamp; Land subject to inundation: 3 LANES
  - Mound, Levee: 3 LANES
  - Mudflat; Distorted surface: 3 LANES
  - Sand, flat or rolling; Sand dunes: 3 LANES
  - Horizontal control point: 3 LANES
- VEGETATION**
- Woods, brushwood; Scattered trees: 3 LANES
  - Orchard, vineyard; Scrub: 3 LANES
- HYDROGRAPHY**
- Rocks, uncovering or awash: 3 LANES
  - Exposed wreck: 3 LANES
  - Line of danger; Reef: 3 LANES
  - Foreshore flat: 3 LANES
  - Depth curve; Lighthouse: 3 LANES
- TERRAIN ELEVATIONS**
- Spot elevation, normal; critical: 3 LANES
  - HIGHEST KNOWN ELEVATION is 965 feet at the following coordinates: Geographic: 57°00'N, 39°00'E; Grid: DD7528
- AERODROMES (Military or Civil)**
- Runway pattern known: EDNA/50/1
  - EDNA-Name: 725
  - 50-Length of longest runway to nearest hundreds of feet: 725
  - s-Soft or unimproved surface: 725
  - u-Unknow surface: 725
  - 725-Elevation: 725
  - Runway pattern unknown: 725
- HELIPORT/HELIPAD**
- 725
- RADIO FACILITIES**
- VHF OMNI RANGE (VOR): 725
  - VORTAC: 725
  - TACAN: 725
  - VOR WITH DME: 725
  - Other facilities: 725
- CONTROLLED AIRSPACE**
- CONUS ADIZ: 725
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 1100 (250)
  - 1100-Elevation of obstruction top, above sea level (250)-Elevation of obstruction top, above ground level.
  - Group obstruction: 1100
  - Radio facility obstruction: 1100
  - Power transmission line: 1100
  - Visual ground sign: 1100
  - Aero light; Marine light: 1100
- 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 25 FEBRUARY 1999**
- 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.
- CAUTION**
- CONUS ADIZ**
- CAUTION**
- AIR INFORMATION CURRENT THROUGH 25 FEBRUARY 1999**
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- ATTENTION**
- THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**
- The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (towers, antennas, etc.).
- EXAMPLE: 12,500 feet. **125**

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

NO 36-3	NO 37-1	NO 37-2	NO 37-3	NO 38-1
NO 36-4	NO 37-4	NO 37-4	NO 37-4	NO 38-4
NO 36-9	NO 37-7	NO 37-8	NO 37-8	NO 38-7
NO 36-12	NO 37-10	NO 37-11	NO 37-12	NO 38-10
NO 36-3	NO 37-1	NO 37-2	NO 37-3	NO 38-1

**SCALE 1:250,000**  
**YAROSLAVL', RUSSIA**

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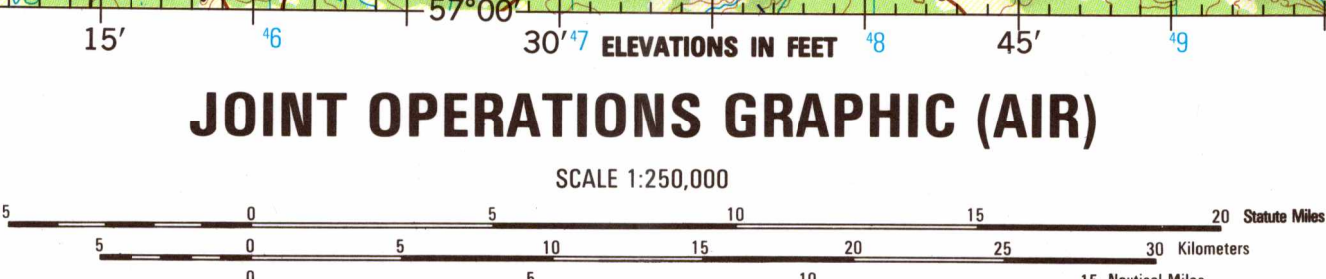
**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
800	274	9000	2743
600	244	8000	2438
400	213	7000	2134
200	183	6000	1829
100	152	5000	1524
0	122	4000	1219
0	91	3000	914
0	61	2000	610
0	31	1000	305

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MAP INFORMATION AS OF 1998



**CONTOUR INTERVAL APPROXIMATELY 70 FEET**

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 37, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

**COORDINATE CONVERSION FROM WORLD GEODETIC SYSTEM 1984 DATUM WORLD GEODETIC SYSTEM 1984 ELLIPSOID TO EUROPEAN SO DATUM INTERNATIONAL ELLIPSOID:**  
Grid: Subtract 0.6 E, Add 108m N.  
Geographic: Add 1.3° Long, Add 1.3° Lat.

**COORDINATE CONVERSION FROM WORLD GEODETIC SYSTEM 1984/NORTH AMERICAN 1983 DATUM AND ELLIPSOID TO WORLD GEODETIC SYSTEM 1984 DATUM AND ELLIPSOID:**  
Grid: Subtract 0.6 E, Subtract 0.1 N.  
Geographic: Subtract 0.8° Long, Subtract 0.1° Lat.

**GLOSSARY**

- Boloto: swamp
- Oblast': first-order administrative division
- Ozero: lake
- Stantsiya: station
- Vodokhranilishche: reservoir
- Vozvyshennost': upland

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

GRAPHIC FEATURE	DATE OF INFORMATION
Horizontal	Within 50 ft
Contour	Within 5 ft
Graphic Feature	1997
All other features	1993/1996

Horizontal Datum: World Geodetic System 1984  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

**GEOREF BASIC 15° QUADRANGLE**

OK

57° 38' 39' 40'

**ELEVATION TINTS**

600
300
BSL

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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.

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

Road classification should be referred to with caution.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY. DEPICTION OF INTERNATIONAL BOUNDARIES HAS CHANGED SINCE THE LAST EDITION.

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