SERIES 1501 AIR
SHEET NN 37-1
EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 2

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 — Dubsy

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 — 60

RAILROADS
Normal gauge, single track 1.44m (4'8½"); Double track
Narrow gauge

BOUNDARIES
International
First-order administrative

OTHER FEATURES
Area name — YUZHNYY PORT
Mine or quarry
Campsite; Ruins; Watermill
School; Church; Landmark
Mosque; Moslem shrine
Small reservoir or cistern
Well; Perennial; Intermittent; Spring
Underground aqueduct with shafts
Sabkha or Dry lake; Intermittent lake
Single line intermittent stream; Wadi
Marsh or swamp; Land subject to inundation
Mound; Levee
Mudflat; Distorted surface
Sand, flat or rolling; Sand dunes
Horizontal control point

VEGETATION
Woods, brushwood; Scattered trees — None
Orchard, vineyard; Scrub — None

HYDROGRAPHY
Rocks, uncovering or awash
Exposed wreck
Limit of danger; Reef
Foreshore flat
Depth curve; Lighthouse — 10 20

TERRAIN ELEVATIONS
Spot elevation, normal; critical — *646 *840
HIGHEST KNOWN elevation is 1001 feet at the following coordinates:
Geographic 55°59'N, 36°25'E
Grid CC3909

AERODROMES (Military or Civil)
Runway pattern known — EDNA/50/s 725
Field limits and runway pattern unknown
HELIPORT

RADIO FACILITIES
VOR VORTAC
TACAN VORDME
RADIO RANGE LF/MF — RNG HURN
MULTIPLE RADIO FACILITIES — NDB-RNG PARIS

CONTROLLED AIRSPACE
ADIZ — CONUS ADIZ

VISUAL AIDS AND OBSTRUCTIONS
Obstruction — 1106 (259)
1106–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

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

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.

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

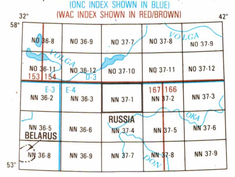
ATTENTION

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: 12,580 feet — 12^{5}

LOCATION DIAGRAM
The Representation of Boundaries is Not Necessarily Authoritative.
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



SCALE 1:250,000
MOSKVA, RUSSIA

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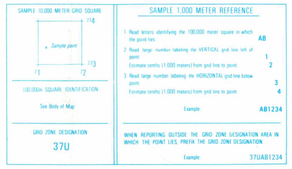
Prepared and published by the National Imagery and Mapping Agency.
Compiled in 1984. Revised May 1997.

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	8145
200	61	2000	610
150	46	1500	457
100	31	1000	305



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 70 FEET

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

COORDINATE CONVERSION FROM WGS 84 DATUM, WGS 84 ELLIPSOID TO ED 50 DATUM, INTERNATIONAL ELLIPSOID:
Grid: Add 21m E., Add 182m N.
Geographic: Add 1.5" Long., Add 1.6" Lat.

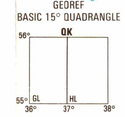
COORDINATE CONVERSION FROM WGS 84 DATUM, WGS 84 ELLIPSOID TO WGS 72 DATUM, WGS 72 ELLIPSOID:
Grid: Subtract 10m E., Subtract 4m N.
Geographic: Subtract .5" Long., Subtract .1" Lat.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0939; COMMERCIAL 1-314-260-1236; DSN 490-1236; OR WRITE TO: ATTN: CDD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

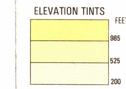
GLOSSARY

Kanal — canal
Ozera — lakes
Ozero — lake
Stantsiya — railroad siding
Stantsiya — railroad station
Vodokhranilishche — reservoir(s)
Vokzal — railroad station

GEOREF
BASIC 15° QUADRANGLE



ELEVATION TINTS



RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90° ASSURANCE	
Horizontal	within 700 ft.
Contours	within 70 ft.
Date of information	1995

Graphic not field checked.

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

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.
The representation of boundaries is not necessarily authoritative.

Road classification should be referred to with caution.
Names and boundaries of administrative divisions in Russia are not available.
Depiction of international boundaries has changed since the last edition.

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