

SERIES 1501 AIR
SHEET NO 38-9
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES

OVER 500,000	MOSKVA
50,000 to 500,000	KLIMOVSKA
10,000 to 50,000	Obukhovo
2,000 to 10,000	Kubinka
Less than 2,000	Dubtsy

ROADS

Dual highway	4 LANES
All weather, hard surface	2 or more lanes wide
One lane wide	1 LANE
All weather, loose or light surface	4 LANES
Two or more lanes wide	2 LANES
One lane wide	1 LANE
Fair or dry weather, loose surface	1 LANE
Cart track	1 LANE
Trail (footpath)	1 LANE
Route marker: National	1 LANE

RAILROADS

Normal gauge 1.52m (5'0")	Single track
Narrow gauge	Multiple track

BOUNDARIES

International	1 LANE
First-order administrative division	1 LANE

VEGETATION

Woods; Scattered trees	1 LANE
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HYDROGRAPHY

Intermittent lake	1 LANE
Swamp or marsh	1 LANE
Intermittent stream	1 LANE
Dam; Perennial lake	1 LANE
Falls; Rapids	1 LANE
Exposed wreck	1 LANE
Perennial stream	1 LANE
Land subject to inundation	1 LANE
Well; Spring	1 LANE

TERRAIN ELEVATIONS

Spot elevation: Normal	532
HIGHEST KNOWN elevation is	608
Geographic	57°08'N, 46°27'E
Grid	NJ8733

AIRCRAFT FACILITY (Military or Civil)

EDNA / 50 / s	EDNA / 50 / s
Runway pattern known	725
EDNA-Name	725
50 - Length of longest runway to nearest hundreds of feet	725
s - Soft or unimproved surface	725
u - Unknown surface	725
725 - Elevation	725
Runway pattern unknown	725

HELIPORT / HELIPAD; AT HOSPITAL

HELIPORT / HELIPAD; AT HOSPITAL	1 LANE
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RADIO AIDS TO NAVIGATION

VHF OMNI RANGE (VOR)	1 LANE
VORTAC; TACAN	1 LANE
VOR with DME; Other facilities	1 LANE

RADIO FACILITIES

RADIO RANGE LF / MF	1 LANE
MULTIPLE RADIO FACILITIES	1 LANE

CONTROLLED AIRSPACE

CONUS ADIZ	1 LANE
ADIZ	1 LANE

VISUAL AIDS AND OBSTRUCTIONS

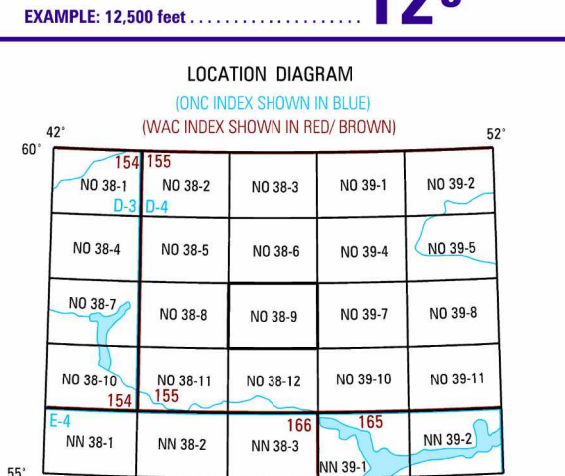
Obstruction	1188
1188 - Elevation of obstruction top, above sea level	1188
2660 - Elevation of obstruction top, above ground level	2660
Group obstruction	1188
Radio facility obstruction	1188
Power transmission line	1188
Visual ground sign	1188
Aero light; Marine light	1188

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 AUGUST 1999
Consult NOTAMS and Flight Information Publications for the latest air information; the NIMA Aeronautical Chart Updating Manual or MDD (U. K.) Aeronautical Chart Amendment document, for other chart revision information.

LINE 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: 12,500 feet
12⁵



SCALE 1:250,000
SHAKHUN'YA, RUSSIA

SERIES	1501 AIR
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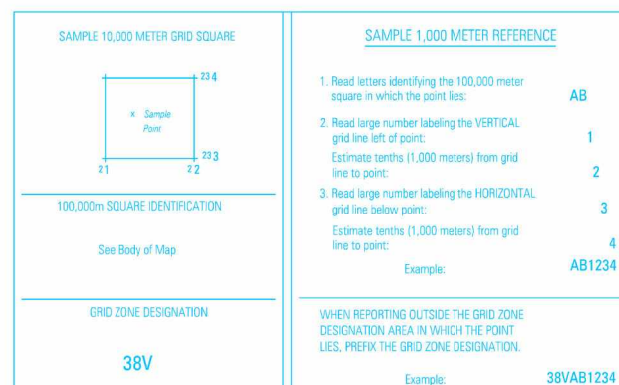
SERIES 1501 COMPANION SHEET IS EDITION 1

Prepared and published by the National Imagery and Mapping Agency
MAP INFORMATION AS OF 1994



CONVERSION OF ELEVATIONS

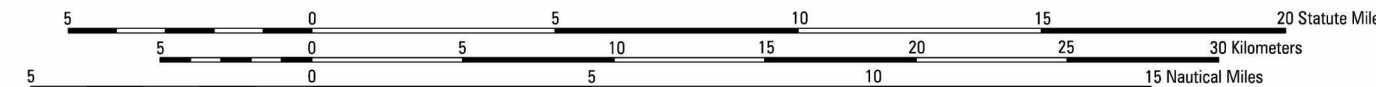
FEET	METERS	FEET	METERS
800	274	10000	3048
800	244	9000	2743
700	213	8000	2438
600	182	7000	2134
500	152	6000	1829
400	122	5000	1524
300	91	4000	1219
200	61	3000	914
100	31	2000	610
50	15	1500	457
0	0	1000	305



ELEVATIONS IN FEET

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 85 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 38, WORLD GEODETIC SYSTEM ELLIPSOID 1984.

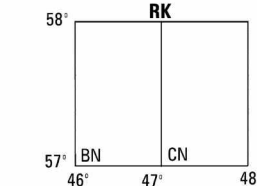
USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-8889; COMMERCIAL: 314-260-5022; DSN: 486-5832; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: GEO.MAIL STOP 331, 4800 SANGAMOORE ROAD, BETHESDA, MD 20815-5002.

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GLOSSARY

Oblast; Respublika . . . first-order administrative division

Basic 15' QUADRANGLE



ELEVATION TINTS

FEET	885
485	885
185	885

RELIABILITY OF THIS GRAPHIC

(as determined by standard practice)

PLOTTING ACCURACY 90% ASSURANCE

Horizontal . . . within 425 ft.

Contours . . . within 85 ft.

Date of information . . . 1994

Horizontal Datum: World Geodetic System 1984

Vertical Datum: Mean Sea Level

Transverse Mercator Projection

NOTES

Powerlines are shown except within populated place limits. Other obstructions are shown if they are 150 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.

Boundary representation is not necessarily authoritative.

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ED. NO. 002