

SERIES 1501 AIR
SHEET NO 37-7
EDITION 2
SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES
Over 100,000
50,000 to 100,000
10,000 to 50,000
2,000 to 10,000
Less than 2,000

ROADS
Dual highway
All weather, hard surface
Two or more lanes wide
One lane wide
All weather, loose or light surface
Two or more lanes wide

RAILROADS
Normal gauge, single track 1.44m (4'8 1/2") Double track
Narrow gauge

BOUNDARIES
International
First-order administrative division

OTHER FEATURES
Mine or quarry
School, Landmark building
Mosque, Church
Fence
Wall: Perennial, Intermittent, Spring
Single line perennial stream
Single line intermittent stream
Double line perennial stream, Wadi
Sakhta or dry lake, Intermittent lake
Perennial lake
Shoreline: Definite, Approximate
Marsh or swamp: Land subject to inundation
Cliff: Greater than interval, Less than interval
Pinnacle, Levee
Horizontal control point

VEGETATION
Woods: Scattered trees
Orchard, Mangrove

TERRAIN ELEVATIONS
Spot elevation: Normal, Critical
Highest known elevation is 792 feet at the following coordinates:
Geographic: 57°32'N, 36°27'E
Grid: CD4879

AERODROMES (Military or Civil)
Runway pattern known
EDNA Name
50 Length of longest runway to nearest hundreds of feet
Soft or unimproved surface
u-Unknown surface
Elevation
Runway pattern unknown

HELIPORT/HELIPAD
VHF OMNI RANGE (VOR)
VORTAC
TACAN
VOR with DME
Other facilities

CONTROLLED AIRSPACE
ADIZ
CONUS ADIZ

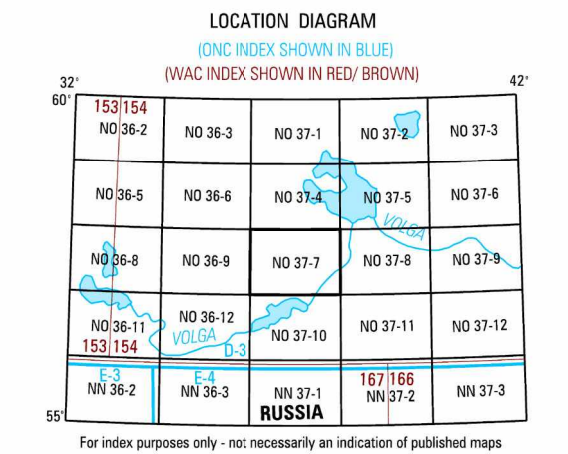
VISUAL AIDS AND OBSTRUCTIONS
Obstruction
1108 - Elevation of obstruction top, above sea level
2800 - Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line
Visual ground sign
Aero light: Marine light

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 locations or heights are exact.

CAUTION
AIR INFORMATION CURRENT THROUGH
19 JANUARY 2000
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.

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: 12,500 feet



SCALE 1:250,000
KASHIN, RUSSIA
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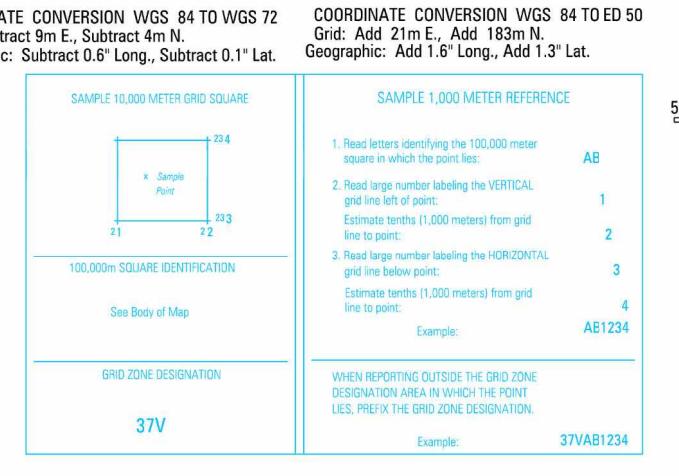


Prepared and published by the National Imagery and Mapping Agency
MAP INFORMATION AS OF 1996

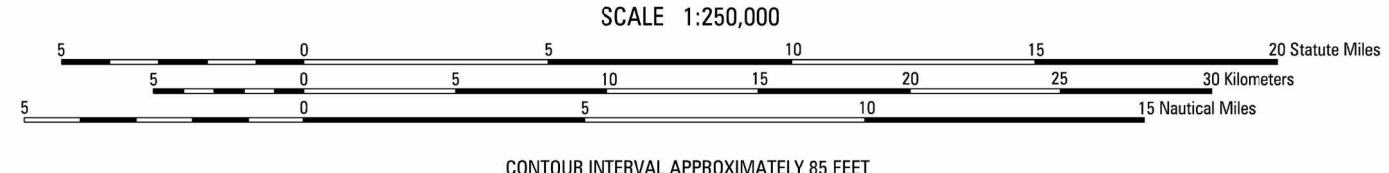
ELEVATIONS IN FEET

CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
800	274	1000	304
900	274	1100	334
1000	304	1200	364
1100	334	1300	394
1200	364	1400	424
1300	394	1500	454
1400	424	1600	484
1500	454	1700	514
1600	484	1800	544
1700	514	1900	574
1800	544	2000	604
1900	574	2100	634
2000	604	2200	664
2100	634	2300	694
2200	664	2400	724
2300	694	2500	754
2400	724	2600	784
2500	754	2700	814
2600	784	2800	844
2700	814	2900	874
2800	844	3000	904
2900	874	3100	934
3000	904	3200	964
3100	934	3300	994
3200	964	3400	1024
3300	994	3500	1054
3400	1024	3600	1084
3500	1054	3700	1114
3600	1084	3800	1144
3700	1114	3900	1174
3800	1144	4000	1204
3900	1174	4100	1234
4000	1204	4200	1264
4100	1234	4300	1294
4200	1264	4400	1324
4300	1294	4500	1354
4400	1324	4600	1384
4500	1354	4700	1414
4600	1384	4800	1444
4700	1414	4900	1474
4800	1444	5000	1504
4900	1474	5100	1534
5000	1504	5200	1564
5100	1534	5300	1594
5200	1564	5400	1624
5300	1594	5500	1654
5400	1624	5600	1684
5500	1654	5700	1714
5600	1684	5800	1744
5700	1714	5900	1774
5800	1744	6000	1804
5900	1774	6100	1834
6000	1804	6200	1864
6100	1834	6300	1894
6200	1864	6400	1924
6300	1894	6500	1954
6400	1924	6600	1984
6500	1954	6700	2014
6600	1984	6800	2044
6700	2014	6900	2074
6800	2044	7000	2104
6900	2074	7100	2134
7000	2104	7200	2164
7100	2134	7300	2194
7200	2164	7400	2224
7300	2194	7500	2254
7400	2224	7600	2284
7500	2254	7700	2314
7600	2284	7800	2344
7700	2314	7900	2374
7800	2344	8000	2404
7900	2374	8100	2434
8000	2404	8200	2464
8100	2434	8300	2494
8200	2464	8400	2524
8300	2494	8500	2554
8400	2524	8600	2584
8500	2554	8700	2614
8600	2584	8800	2644
8700	2614	8900	2674
8800	2644	9000	2704
8900	2674	9100	2734
9000	2704	9200	2764
9100	2734	9300	2794
9200	2764	9400	2824
9300	2794	9500	2854
9400	2824	9600	2884
9500	2854	9700	2914
9600	2884	9800	2944
9700	2914	9900	2974
9800	2944	10000	3004
9900	2974		
10000	3004		



JOINT OPERATIONS GRAPHIC (AIR)
SCALE 1:250,000



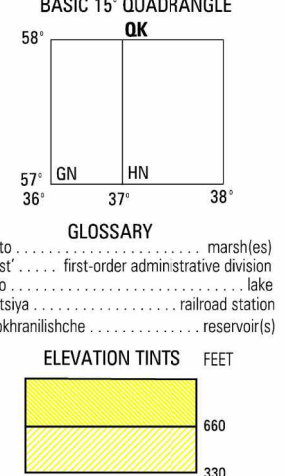
CONTOUR INTERVAL APPROXIMATELY 85 FEET

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

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0889; COMMERCIAL 314-260-5532; DSN 490-5632; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY/ATTN: COD, MAIL STOP P-37, 4600 SANDHAM ROAD, BETHESDA, MD 20816-5003.

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ELEVATIONS IN FEET
GEOREF
BASIC 1° QUADRANGLE



RELIABILITY OF THIS GRAPHIC
(As determined by standard practice)

PLOTTING ACCURACY 90% ASSURANCE	AREA I	AREA II
Horizontal	± 25 m	± 25 m
Vertical	± 25 m	± 25 m
GRAPHIC FEATURE	AREA I	AREA II
All other features	1996	1996

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.
Delineation of boundaries has changed since the last edition.

Lithographed by NIMA, 03-09

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SERIES 1501 COMPANION SHEET IS EDITION 1

ED NO 002