

SERIES 1501 AIR SHEET NI 38-15 EDITION 4

- POPULATED PLACES**
- Over 100,000 BAGHDAD
 - 50,000-100,000 KARBUK
 - 10,000-50,000 Karbala
 - 2,000-10,000 Al Hadithah
 - Less than 2,000 Baji
- ROADS**
- Dual Highway 4 LANES DUAL
 - All weather, hard surface: More than two lanes wide 4 LANES; Two lanes wide 2 LANES; One lane wide 1 LANE
 - All weather, loose or light surface: More than two lanes wide 3 LANES; Two lanes wide 2 LANES; One lane wide 1 LANE
 - Fair or dry weather, loose surface: Cart track
 - Footpath, trail
 - Road marker 50
 - Road interchange

- BOUNDARIES**
- International
 - First-order administrative division
- VEGETATION**
- Woods: Tropical Grass NONE
 - Scattered trees, Orchard, plantations, vineyards
- OTHER FEATURES**
- Area name
 - School, Church, Mosque
 - Landmark feature or object
 - Tank, Well, Wall, Fence
 - Hot, Iron, Pass, Mine or quarry
 - Horizontal control point
 - Astronomic position
 - Sand, Distorted Surface
 - Dunes: Crescent, Lateral, Ripple
 - Dunes: Star, Transverse, Mound
 - Mound, Cliff, Levee

- HYDROGRAPHY**
- Underground aqueduct with shafts
 - Small reservoir, Dry lake
 - Sabkha (Kawir), Intermittent lake
 - Intermittent streams: Single, Double line
 - Well: Perennial, Intermittent, Disappearing stream
 - Spring, fountain, cistern, Dam, Salt evaporator
 - Wadi: Land subject to inundation
 - Rice paddy, Marsh or swamp
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical
 - HIGHEST KNOWN elevation is 1900± feet at the following coordinates: Geographic: 32°59'N, 46°32'E; Grid: PB452
 - ± following elevation value indicates accuracy is not within 100 feet.

- AERODROMES (Military or Civil)**
- EDNA/50/725
 - Runway pattern known
 - EDNA-Name
 - 50-Length of longest runway to nearest hundreds of feet
 - 5-Soft or unimproved surface
 - U-Unknown surface
 - 725-Elevation
 - Runway pattern unknown
- HELPORTHELIPAD**
- HELPORTHELIPAD AT HOSPITAL

- RADIO AIDS TO NAVIGATION**
- VHF OMNI RANGE (VOR)
 - VORTAC
 - VOR with DME
 - Other facilities
- RADIO FACILITIES**
- RADIO RANGE LF/MF
 - MULTIPLE RADIO FACILITIES
 - CONTROLLED AIRSPACE
 - ADIZ
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 1108 (1259)
 - 1108-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
 - 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 location or height are exact.

CAUTION

AIR INFORMATION CURRENT THROUGH FEBRUARY 1999

Source: NOTAMS and Flight Information Publications for the latest air information. The NOTAMS Aeronautical Chart Updating Manual or NOTIS (Aeronautical Chart Amendment documents), for other chart revision information.

MAGNETIC VARIATION FOR 1995 IS APPROXIMATELY 3°30' EAST OVER THE ENTIRE AREA (Annual rate of change 1" increase)

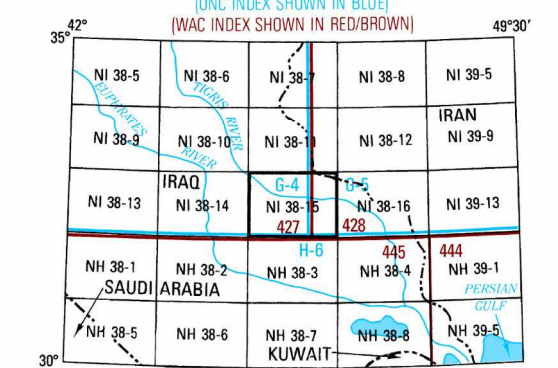
ATTENTION

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 (towers, antennas, etc.).

EXAMPLE: 12,500 feet

125



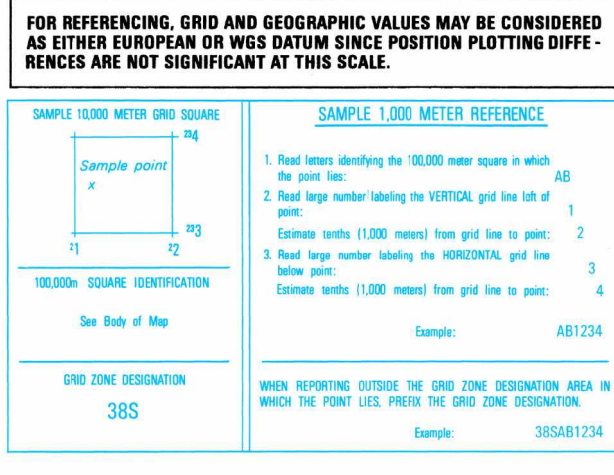
SCALE 1:250,000
AL KUT, IRAQ, IRAN

SERIES 1501 AIR SHEET NI 38-15 EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 2

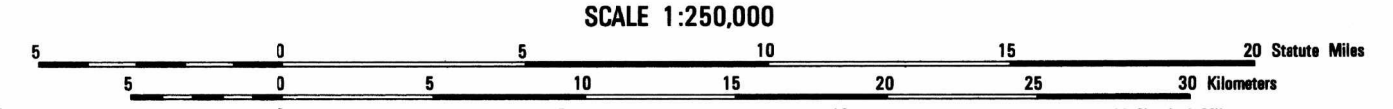
CONVERSION OF ELEVATIONS

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	914
200	61	2000	610
150	46	1500	457
100	31	1000	305



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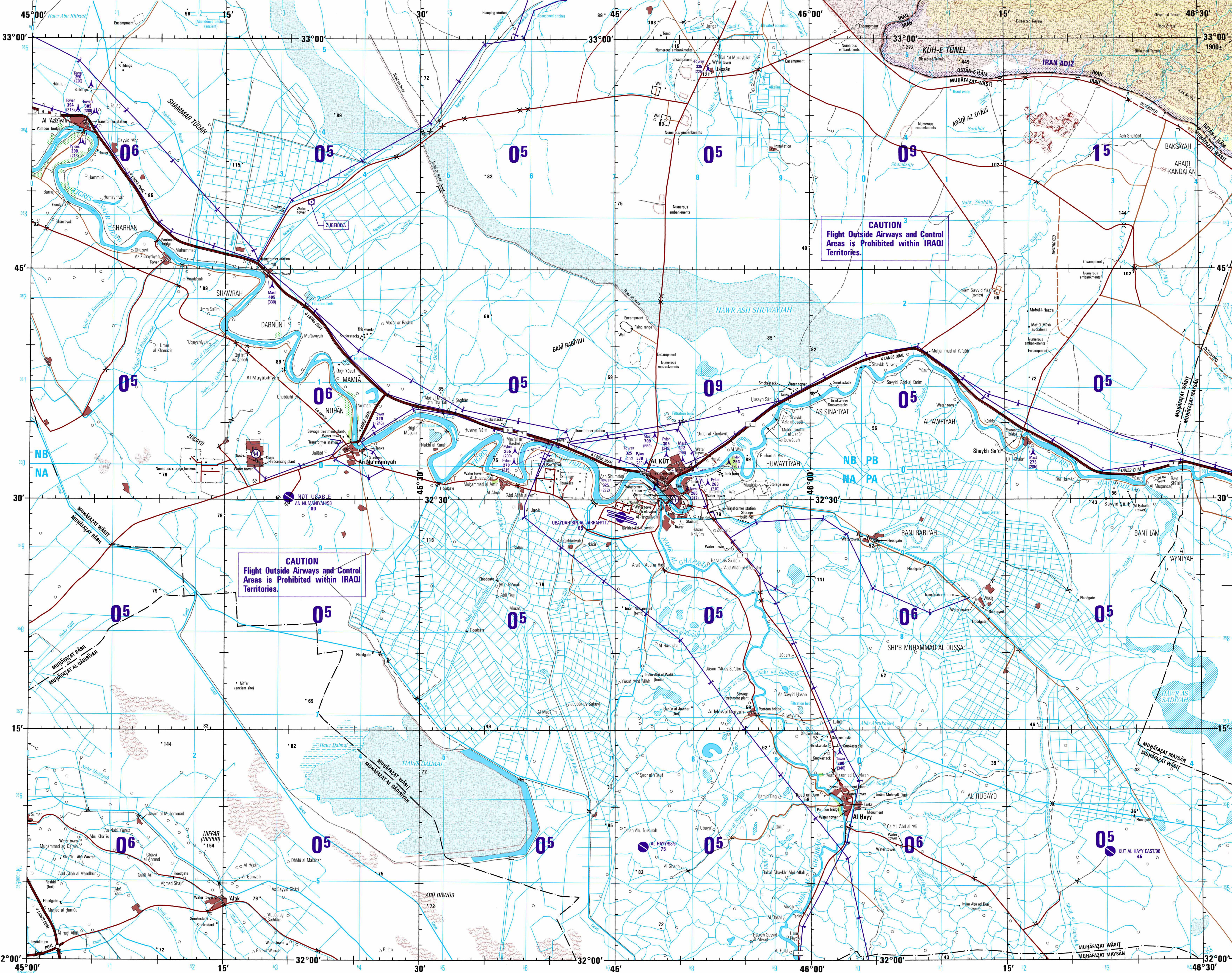


JOINT OPERATIONS GRAPHIC (AIR)

BLUE NUMBERED LINES INDICATE THE 1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 38, WORLD GEODETIC SYSTEM ELLIPSOID.

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK: 1-800-455-9898, COMMERCIAL: 301-283-4866, 250 865-4866, OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-86, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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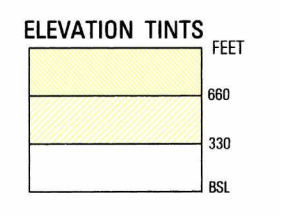
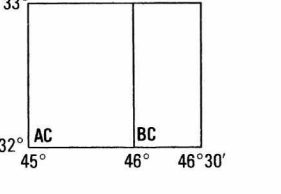
CAUTION
Flight Outside Airways and Control Areas is Prohibited within IRAQI Territories.

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GLOSSARY

- Abar wells
- Arqif locality, area
- Ayn spring
- Hawr lake, marsh
- Imam tomb
- Jabhal stream
- Kuh hills
- Muflah tower
- Muhtarat first-order administrative division (Iraq)
- Nahr stream
- Qal'at fort
- Ostan first-order administrative division (Iran)
- Rudkhaneh stream
- Shaj stream

GEOREF BASIC 15° QUADRANGLE RJ



RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

1997	1998
PLOTING ACCURACY 90% ASSURANCE	
Horizontal	within 5.18 ft
Contour	within 12 ft
GRAPHIC FEATURE	DATE OF INFORMATION
ALL FEATURES	See Diagram
Horizontal Datum: World Geodetic System	
Vertical Datum: Mean Sea Level	
Transverse Mercator Projection	

NOTES

Provinces are shown except within populated place limits. 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.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHENTICATIVE. DEPICTION OF INTERNAL BOUNDARY HAS CHANGED. ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

Road classification should be referred to with caution.

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