SERIES 1501 AIR
SHEET NH 42-2
EDITION 1

COMPANION SERIES 1501 SHEET IS EDITION 1

LEGEND

POPULATED PLACES
- 1st importance — KĀBUL
- 2nd importance — HERĀT
- 3rd importance — QUNDŪZ
- 4th importance — Kōhak
- 5th importance — Manahā

ROADS — Principal / Secondary
- All weather, hard surface — Two or more lanes wide / One lane wide
- All weather, loose or light surface — Two or more lanes wide / One lane wide
- Fair or dry weather, loose surface
- Cart track
- Trail

OTHER FEATURES
- International boundary
- Nomad camp; Pen; Mosque; School
- Woods-brushwood
- Orchard, vineyard
- Underground aqueduct with shafts
- Reservoir; Spring; Well
- Sebkha
- Intermittent lake; Dry lake
- Land subject to inundation; Swamp
- Glacier
- Glacial moraine
- Escarpment
- Sand; Gravel; Mud pans
- Dunes: Crescent; Lateral; Ripple; Mounds

AERODROMES (Military or Civil)
- Field limits with runway pattern — EDNA/50/s 725
  - EDNA — Name
  - 50 — Length of longest runway to nearest hundreds of feet
  - s — Soft or unimproved surface
  - 725 — Elevation
- Field limits, with runway pattern unknown
- Field limits unknown with runway pattern
- Field limits and runway pattern unknown
- SEAPLANE BASE
- SEAPLANE (EMERGENCY)
- HELIPORT

RADIO FACILITIES
- RADIO RANGE LF/MF — RNG HURN
- MULTIPLE RADIO FACILITIES — R Bm-DF-RNG PARIS

CONTROLLED AIRSPACE
- ADIZ — ATLANTIC ADIZ

MAGNETIC VARIATION
- Isogonic line — 7°E

VISUAL AIDS AND OBSTRUCTIONS
- Obstruction — 1108 (259)
  - 1108—Elevation of obstruction top, above sea level.
  - (259)—Elevation of obstruction top, above ground level.
- Group obstruction
- Radio facility obstruction
- Power transmission line
- Ocean station vessel (Normal position)
- Visual ground sign — M
- Aero light; Marine light

CAUTION

AIR INFORMATION CURRENT THROUGH 21 AUGUST 1969

Consult Notices to Airmen (NOTAMs) and Flight Information Publications (FLIPs) for the latest air information; the Chart Updating Manual (CHUM) for other chart revision information.

HIGHEST TERRAIN elevations for each 15 minute quadrangle are represented in thousands and hundreds of feet. They are omitted where relief information is inadequate. A minus sign (–) following the figure indicates that the figure is based on an estimated elevation.

EXAMPLES:

51 81-

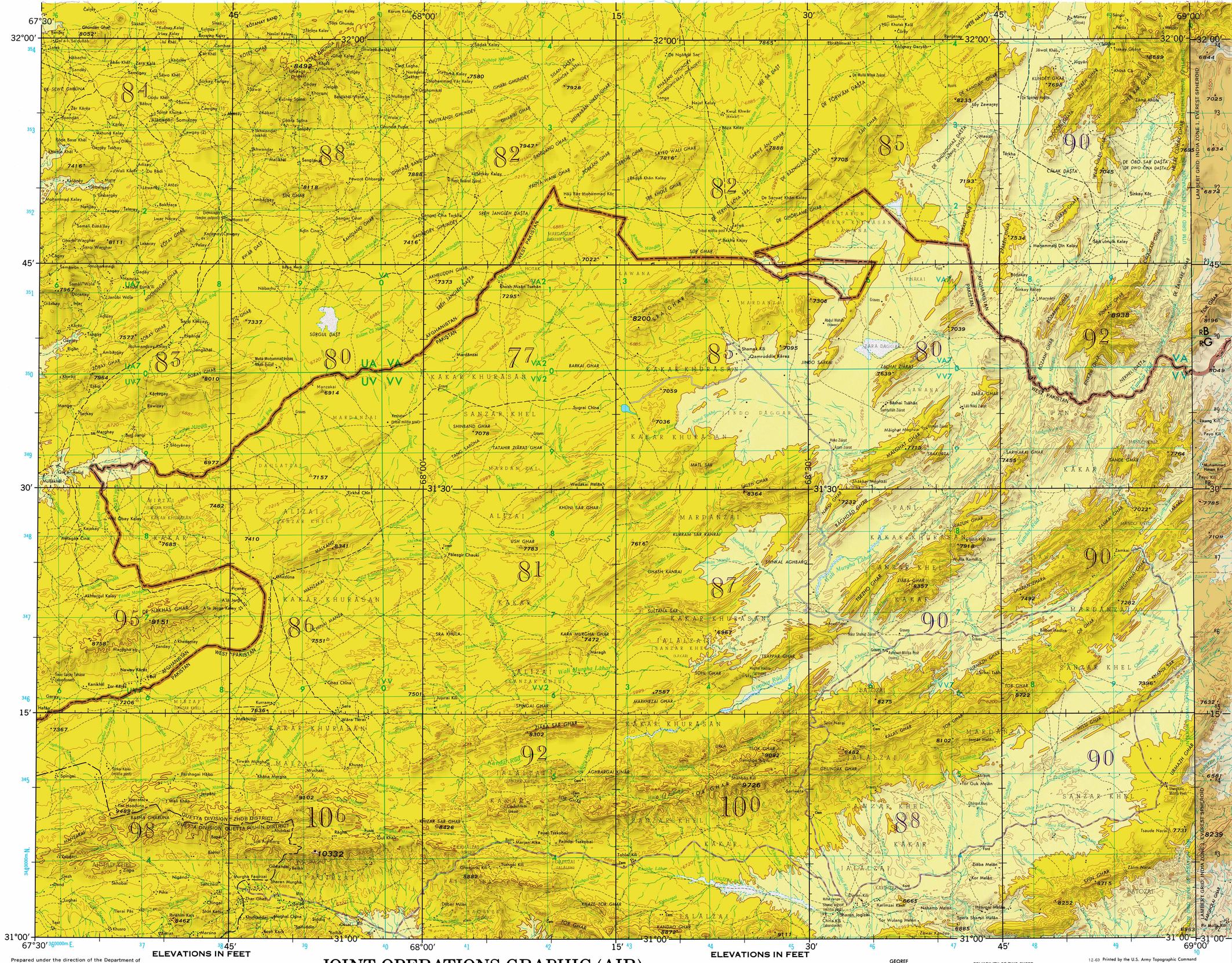
NOTES:

No obstructions 200 feet or more above the ground level are known to exist within this area.

MAGNETIC VARIATION FOR 1965 IS APPROXIMATELY 1°45'E OVER THE ENTIRE AREA (Annual rate of change 2' decrease)

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

HIGHEST KNOWN elevation is **10332** feet at 67°52'E 31°06'N



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AERONAUTICAL APPROACH CHARTS (Code: AC) and/or AERONAUTICAL CHARTS (Code: AGC) completely within this area are discontinued. Those that are partially within this area should be retained until publication of the adjacent Joint Operations Graphic (AIR), 1501 AIR. Consult the DOD Bulletin for publication and discontinuance notices.

GRID ZONE DESIGNATION: 42R	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS
100,000 M. SQUARE IDENTIFICATION: UA VA / UV VV	SAMPLE POINT: MĀRĀGH
	1. Read letters identifying 100,000 meter square in which the point lies. VV
	2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: Estimate tenths from grid line to point: 2
	3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: Estimate tenths from grid line to point: 5
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 34 00000	SAMPLE REFERENCE: VV2565
	If reporting beyond 5°N.S or 18°E-W. prefix Grid Zone Designation, as: 42RVV2565

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 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT 165 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP L-89, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 42, INTERNATIONAL SPHEROID

GLOSSARY

Burj	tower
Dara	stream
Dašt	desert plain
Dašta	barren plain
Ghar, Ghar, Ghundēy	hill, mountain
Gharūna	mountains
Ghrūna	hills, mountains
Kalā, Kalay, Kili	village
Kār, Khula	stream
Khel	tribe
Khwar	dry river bed
Lagaḍ	dry river bed, stream
Lāhar	stream
Mānda	stream
Māndēh	dry river bed
Narāi	mountain pass
Nāwa	stream
Obai	stream
Quetta	primary administrative division
Rōd, Rūd	stream
Sar	mountain
Shela	stream
Tahāna	border patrol post
Zāwar	stream
Zhob	secondary administrative division
Ziārat, Zyārat	shrine

GEOREF
BASIC 15° QUADRANGLE
SJ

ELEVATION TINTS

FEET
9845
6565
3285

Horizontal Datum (area of International Spheroid): Herat North
Horizontal Datum (area of Everest Spheroid): Indian
Vertical Datum: Afghanistan-Kronshtadt; Pakistan-Approx. Mean Sea Level
Transverse Mercator Projection

RELIABILITY OF THIS SHEET (as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE	AREA I	AREA II *
Horizontal	within 820 ft.	within 410 ft.
Contours	within 328 ft.	within 164 ft.
MAP FEATURE	DATE OF INFORMATION AREA I	DATE OF INFORMATION AREA II
Man-made features	1963	1957-1958
Hydrography	1957-1958	1950-1958
Vegetation	1963	1957-1958
Contours	1957-1958	1950-1958
Air information	1969	1969
Road classification	1963-1966	1957-1965

Road classification NOT verified by reconnaissance in area II
No areas of vegetation exist on this sheet

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LOCATION DIAGRAM FOR NH 42-2
(WAC INDEX SHOWN IN BLUE)

64°30' 34° 72° 29°

NI 41-12	NI 42-9	NI 42-10	NI 42-11	NI 42-12
NI 41-16	NI 42-13	NI 42-14	NI 42-15	NI 42-16
NH 41-4	NH 42-1	NH 42-2	NH 42-3	NH 42-4
NH 41-8	NH 42-5	NH 42-6	NH 42-7	NH 42-8
NH 41-12	NH 42-9	NH 42-10	NH 42-11	NH 42-12

AFGHANISTAN 430 431 I
PAKISTAN 442 441

NSN 7641014924405
NIMA Ref No. 1501ANH4202
ED. No. 001

SCALE 1:250,000
QAMRUDDĪN KĀREZ, PAKISTAN
PAKISTAN AND AFGHANISTAN

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