FORT RICHARDSON MILITARY INSTALLATION

ALASKA 1:50,000

FIRST EDITION - 12/02, USARAK

This map is projected using the WGS84 datum. Older versions of this map used the NAD27 datum. Military grid coordinates for ground locations will differ by approximately 190 meters between this map and older versions.

LEGEND

ROADS
- Primary all-weather, hard surface
- Secondary all-weather, hard surface
- Light duty all-weather, hard or improved surface
- Fair or dry-weather, unimproved surface
- Trail

RAILROADS
- Standard-gauge

BOUNDARIES
- Military reservation

OTHER FEATURES
- Power transmission line
- Pipeline
- Stream
- Woodland or scrub
- Wetland

MILITARY LEGEND
MILITARY OVERPRINT INFORMATION AS OF 2002

- DROP ZONE
- IMPACT AREA
- TRAINING AREA 16
- AMMUNITION STORAGE POINT (ASP)
- FIRING FAN (SDZ)
- CANTONMENT AREA
- SKI TRAIL
- RANGE
- FIRING POINT
- OBSERVATION POINT
- HELICOPTER LANDING ZONE
- MAG DROP
- MISCELLANEOUS POINT FEATURE

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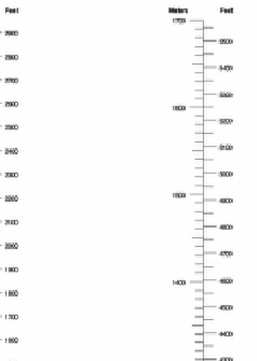
December, 2002

SLOPE GUIDE

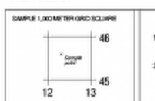


AB - HORIZONTAL DISTANCE BETWEEN CONTOURS
AC - HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

SPHEROID	WGS84
GRID	1,000 METER UTM ZONE 6
PROJECTION	TRANSVERSE MERCATOR
CENTRAL MERIDIAN	147° W LONGITUDE
LATITUDE OF ORIGIN	0° LATITUDE
VERTICAL DATUM	1929 NATIONAL GEODETIC VERTICAL DATUM
HORIZONTAL DATUM	WGS84
CONTROL BY	USGS
PREPARED BY	CEMML

100 METER REFERENCE

SAMPLE 1,000 METER GRID SQUARE



100,000-m SQUARE IDENTIFICATION
UP
6900
UN

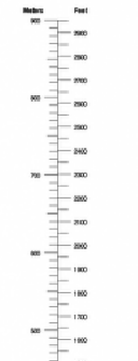
GRID ZONE DESIGNATION
6V

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12.3
2. Read large numbers labeling the HORIZONTAL grid line next point and estimate tenths (100 meters) from grid line to point. 45.6
Example: 123456

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES PREFIX THE 100,000-METER SQUARE IDENTIFICATION
Example: UN123456

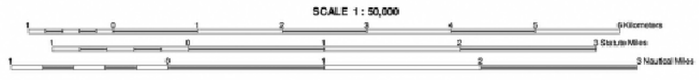
WHEN REPORTING OUTSIDE THE 6° GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES PREFIX THE GRID ZONE DESIGNATION
Example: 6VUN123456

CONVERSION GRAPH



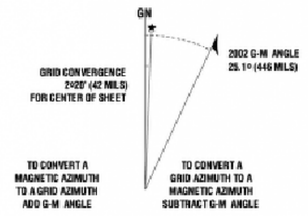
CONVERSION GRAPH

SCALE 1 : 50,000



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS



GRID CONVERGENCE
2°20' (42 MILS)
FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT G-M ANGLE

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