OKLAHOMA 1:50,000 **NAD 83 / WGS 84**

CAMP GRUBER MILITARY INSTALLATION MAP

EDITION **001** SERIES **V783S** SHEET **CPGRUBMIM**

95°14'58.7" 35°48'12.5" — 95°00'24.2" 35°48'12.6" — 35°34'36.8" 95°14'57.5" — 35°34'36.8" 95°00'25.4"

TV UV — 10' — 05' — 97000m E — 39000m N

RANGES

1	Multi-purpose Machine Gun Range	01395355	16	TOW TPT	07215177
2	Known Distance Range (KD)	01475181	17	MK19 40MM Machine Gun Range	05175100
3	Sniper Range	06595346	19	deleted	03775810
4	10M/25M Zero (East Range)	02515207	20	deletedt	02505246
5	Combat Pistol Qualification Range	02385207	21	deleted	03715798
6	10M/25M Zero (West Range)	02255208	22	deleted	05455840
7	Modified Record Fire Range 1	02895203	23	deleted	01905851
8	LAW/AT-4 Range	03455189	24	Fire and Maneuver (Buddy Team)	03565732
9	M203 Grenade Laucher Range	03335170	25	M203 UAC	05410599
10	----------	----------	26	Hand Grenade Qualification Course	01780572
11	Hand Grenade Familiarization Course	04665204	27	MOUT CTF	04195042
12	Modified Record Fire Range 2	04455100	28	MOUT UAC	04854950
13	10M/25M Zero (2 Range)	04695093	29	TOW MILES Range	05524966
14	Breach Range	05845202	30	Shotgun Range	03345182
15	Heavy Demolition	06395323			

TRAINING SITES

31	CTT Course	02195068	35	EIB Land Navigation Start Point	04344883
32	Air Assault Course	02355026	36	T200 Land Navigation Start Point	04224990
33	NBC Chamber	02505076	37	Rock Crusher Site	04594943
34	Trailer Park Site	03314936	38	Amphib Vehicle Training Area	04624676

LANDING ZONES

Ambush	35°44'35.4"N 95°10'14.9"W	03705763	Hunters Camp	35°43'12.1"N 95°08'37.3"W	06095501
Amphib	35°38'44.7"N 95°09'29.7"W	04604680	Matthews	35°46'05.6"N 95°04'30.2"W	12426022
Anthony	35°39'51.6"N 95°10'46.3"W	02714890	Pumpkin Center	35°42'38.3"N 95°08'42.3"W	05955397
Assault	35°44'59.1"N 95°11'41.7"W	01535842	Rainbow	35°39'10.2"N 95°09'56.7"W	03944760
Building 900	35°40'11.8"N 95°09'40.8"W	04374949	Rooftop	35°39'51.7"N 95°09'28.4"W	04674886
Hilltop	35°45'22.6"N 95°08'59.7"W	05625904	Thunderbird	35°40'47.7"N 95°10'40.5"W	02905063

FIRING POINTS

FRTR 1	02915220
FRTR 2	04455102

Range Control Contact: (918) 549-6041
Operations and Training: (918) 549-6195
Security: (918) 549-6021

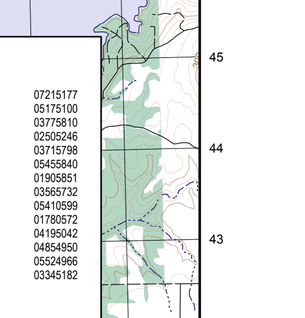
ADJOINING SHEETS

For index purposes only - not necessarily an indication of published maps.

V783S
CPGRUBMIM

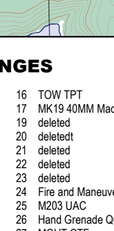
Sheet CAMP GRUBER falls within NI1501, 1501A, 1:250,000.

ELEVATION GUIDE

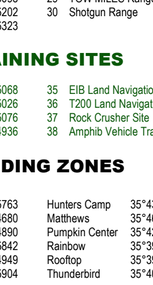


CONVERSION GRAPH

(1 meter = 3.28 feet)



SLOPE GUIDE



AB—HORIZONTAL DISTANCE BETWEEN CONTOURS
AC—HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

PREPARED AND PUBLISHED BY CAMP GRUBER RANGE CONTROL

NOTES

This map does not meet NGA TLM production specifications.

Not all data layers represented maintain the same accuracy level, therefore the map scale applied does not necessarily equate to the implied horizontal and vertical positional accuracy.

The military installation boundary should not be considered authoritative. There may be private inholdings within the boundaries of the national or state reservations shown on this map.

A lane on this map is generally considered as being a minimum of 2.5 meters (8 feet) in width. Road classification should be referred to with caution.

In developed areas, only through roads are classified.

Caution: Not all telephone and electric service lines are shown. Not all antennas, towers, and radar sites are shown.

LEGEND

MAP INFORMATION AS OF 2006

POPULATED PLACES
- Densely built-up areas
- Sparsely to moderately built-up areas

ROADS
- Divided highway with median
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty all weather
- Track; Trail
- Route markers: Interstate; National; State/County; Installation (95) (111) (10) (1370) (7B)

RAILROADS
- Normal gauge 1.44 m
- Single track; Multi track

BRIDGES
- Road; Railroad
- Tunnel: Road; Railroad

BOUNDARIES
- State, territory
- County, parish
- Military Reservation
- Forest, Park, Preserve, Refuge

MISCELLANEOUS CULTURAL FEATURES
- Building; School; Church
- Cemetery
- Located object — Tower — Substation
- Airfield, Runway
- Hospital; Heliport (H)
- Mines, Pits: Active; Abandoned
- Horizontal control point
- Fence
- Pipeline: Above ground; Below ground

OBSTRUCTIONS (46m or higher)
- Single; Group
- Elevation of obstruction top above sea level (123)
- Elevation of obstruction top above ground level (89)
- High tension powerlines <46m, >46m

RELIEF
- Spot elevations: Highest; Normal 59 23
- Water surface elevation (89)
- Monumented benchmark BM 123.2
- Index contour 150
- Non-Index contour
- Depression Index contour
- Depression Non-Index contour

DRAINAGE
- Streams: Perennial; Intermittent; Dry
- Spring: Perennial; Intermittent
- Well: Water; Gas, Oil
- Lakes; Rivers: Perennial; Intermittent; Dry
- Wetland; Land subject to natural inundation (WI)

VEGETATION
- Vineyard; Orchard
- Scrub; Open woodland
- Forest; Mangrove

MILITARY LEGEND

MILITARY OVERPRINT INFORMATION AS OF 01-2015

- CANTONMENT
- DROP ZONE
- RANGE
- TRAINING AREA
- AHA — AMMUNITION HOLDING AREA
- FIRING POINT
- FARP — FORWARD ARMING & REFUELING POINT
- GATE
- HAZ — HAZARDOUS MATERIAL STORAGE
- LANDING ZONE
- TRAINING SITE
- WVRP — WHEELED VEHICLE REFUELING POINT

SCALE 1:50,000

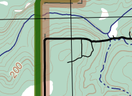
Meters 1000 500 0 1 2 3 4 5 Kilometers
1 0.5 0 1 2 3 Statute Miles
1 0.5 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

SPHEROID. . . . . ,WORLD GEODETIC SYSTEM 1984
GRID. . . . . ,1000 METER UTM ZONE 15
PROJECTION . . . . . TRANSVERSE MERCATOR
VERTICAL DATUM . . . . . MEAN SEA LEVEL
HORIZONTAL DATUM. . . . . WORLD GEODETIC SYSTEM 1984
PRINTED BY . . . . . U.S. ARMY SUSTAINABLE RANGE PROGRAM

SAMPLE 1,000 METER GRID SQUARE



100,000 M. SQUARE IDENTIFICATION
TV UV
100

GRID ZONE DESIGNATION
15S

100 METER REFERENCE

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 below point and estimate tenths (100 meters) from grid line to point. 45 6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: TV123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 15STV123456

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 DATUM (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE INSTALLATION DPTM OFFICE (918) 549-6041.

GN — TRUE NORTH — GRID NORTH — MAGNETIC NORTH

2015
G-M ANGLE
3.5 DEGREES

GRID CONVERGENCE
1° 16' (22 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

CAMP GRUBER MILITARY INSTALLATION MAP V783S EDITION 001

NAD 83 / WGS 84