

GLOSSARY

- AARTY**..... Army artillery
- ADAM** artillery delivered antipersonnel mine
- aiming** a marksmanship fundamental; refers to the precise alignment of the rifle sights with the target
- ALICE** all-purpose lightweight individual carrying equipment
- AM** amplitude modulation
- antenna** a device used to radiate or receive electromagnetic energy (usually RF)
- antijamming** .. a device, method, or system used to reduce or eliminate the effects of jamming
- AP** antipersonnel
- APFT** Army Physical Fitness Test
- APICM** antipersonnel improved conventional munition
- armorers** one who services and makes repairs on small arms and performs similar duties to keep small arms ready for use
- ARNG** Army National Guard
- ART** auto-ranging telescope
- ARTEP** Army Training and Evaluation Program
- AVLB** armored vehicle launched bridge
- AWADS** adverse weather aerial delivery system
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- ball** the projectile the bullet
- ballistics** a science that deals with the motion and flight characteristics of projectiles
- BDU** battle dress uniform
- BMNT** beginning morning nautical twilight
- breath control** a marksmanship fundamental refers to the control of breathing to help keep the rifle steady during firing
- bullet drop** .. how far the bullet drops from the line of departure to the point of impact

- bull's-eye target** . any target with a round black circle and scoring rings
Normally used in competitive marksmanship training
- butt plate** metal or rubber covering of the end of the stock on
the rifle
- CALFEX** combined arms live-fire exercise
- cartridge** a complete round of ammunition
- CAB** close air support
- CLGP** cannon-launched guided projectile
- CAP** cleaner, lubricant, preservative
- cm** centimeter
- CMF** career management field
- counterpoise** . . . a conductor or system of conductors used as a
substitute for a ground in an antenna system
- CP** concrete-piercing
- CQ** charge of quarters
- crack and thump** . a method to determine the general direction and
distance to an enemy firer who is shooting at you
- cradle** a vise-like mechanism that holds a weapon in a
secured position during test firing
- CS** a chemical agent (tear gas)
- CW** continuous wave
-
- dia** diameter
- dipole** a radio antenna consisting of two horizontal rods in
line with each other with their ends slightly separated
- DPICM** dual-purpose improved conventional munition
- DIG** date-time group
- DZ** drop zone
-
- E&E** evasion and escape
- ECM** electronic countermeasures
- EDGE** emergency deployment readiness exercise
- EEL** essential elements of information
- EVENT** end of evening nautical twilight
- effective wind** . . the average of all the varying winds encountered

- electromagnetic wave** . . . a wave propagating as a periodic disturbance of the electromagnetic field and having a frequency in the electromagnetic spectrum
- elevation adjustment** . . . rotating the front sight post to cause the bullet to strike the higher or lower on the target
- EMP** electromagnetic pulse
- EPW** enemy prisoner of war
- ERP** end-route rally point
- eye relief** the distance from the firing eye to the rear sight; eye relief is a function of stock weld
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- F** Fahrenheit
- FDC** fire direction center
- FFL** final firing line
- FFP** final firing position
- FLOT** forward line of own troops
- FM** frequency modulated
- FO** forward observer
- fps** feet per second
- FRAGO** fragmentary order
- freq** frequency
- FSK** frequency-shift keying
- ft** feet
- FTX** field training exercise
-
- ground** a metallic connection with the earth to establish ground (or earth) potential
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- HAHO** high altitude, high opening
- half-wave antenna** an antenna whose electrical length is half the wavelength of the transmitted or received frequency
- HALO** high altitude, low opening
- HC** hydrogen chloride
- HE** high explosive
- HF** high frequency

hrs hours

Hz hertz

IAW in accordance with

ID identification

illum illumination

in inches

insulator a device or material that has a high electrical resistance

interference . . . any undesired signal that tends to interfere with the desired signal

IRP initial rally point

jamming deliberate interference intended to prevent reception of signals in a specific frequency band

KIM keep-in-memory (exercise game)

laser light amplification by simulated emission of radiation

LBE loading-bearing equipment

LAX live-fire exercise

line of departure . the line defined by the bore of the rifle or the path the bullet would take without gravity

line of sight . . . a straight line from the eye through the aiming device to the point of aim

L/R.. left/right

LR laser range finder

LSA lubricating oil, weapons, semifluid

LZ landing zone

m meters

MEDEVAC medical evacuation

METT-T mission, enemy, terrain, troops and time available

MHz megahertz

- midrange trajectory/maximum ordinate** . the highest point the bullet reaches on its way to the target this point must be known to engage a target that requires firing underneath an overhead obstacle, such as a bridge or a tree; inattention to midrange trajectory may cause the sniper to hit the obstacle instead of the target
- MIJI** meaconing, intrusion, jamming, and interference
- MILES** multiple-integrated laser engagement system
- min** minute(s)
- mm** millimeter
- MOA** an angle that would cover 1 inch at a distance of 100 yards, 2 inches at 200 yards, and so on; each click of sight adjustment is equal to one minute of angle
- MOPP** mission-oriented protection posture
- MOUT** military operations on urbanized terrain
- mph** miles per hour
- MRE** meal, ready-to-eat
- MTP** mission training plan
- muzzle velocity** . the speed of the bullet as it leaves the rifle barrel, measured in feet per second; it varies according to various factors, such as ammunition type and lot number, temperature, and humidity
- NATO** North Atlantic Treaty Organization
- NBC** nuclear, biological, chemical
- NCO** noncommissiotted officer
- NGF** naval gunfire
- NOD** night observation device
- NSN** national stock number
- OIR** other intelligence requirements
- OP** observation post
- OPORD** operation order
- OPSEC** operations security
- optical sight** . sight with lenses, prisms, or mirrors used in lieu of iron sights
- ORP** objective rally point
- O-T** observer-target

- PD** point-detonating
PFC private first class
PIR priority intelligence requirements
POC point of contact
point of aim . . . the exact spot on a target the rifle sights are aligned with
point of impact . . the point that a bullet strikes; usually considered in relation to point of aim
PSG platoon sergeant
PT physical training
PW prisoner of war
PZ pickup zone
- QRF** quick-reaction force
quarter-wave antenna . . an antenna with an electrical length that is equal to one-quarter wavelength of the signal being transmitted or received
- RMMS** remote antiarmor mine system
range card small chart on which ranges and directions to various targets and other important points in the area under fire are recorded
- RAP** rocket-assisted projectile
RBC rifle bore cleaner
recoil the rearward motion or kick of a gun upon firing
RECONREP reconnaissance report
retained velocity . . the speed of the bullet when it reaches the target due to drag, the velocity will be reduced
- RF** radio frequency
RFA restrictive fire area
RFL restrictive fire line
round may refer to a complete cartridge or to the bullet
RSTA reconnaissance, surveillance, and target acquisition
- S1** adjutant
S2 intelligence officer
S3 operations and training officer

- S4** supply officer
- SALUTE** size, activity, location, unit, time, and equipment
- SAW** squad automatic weapon
- SEO** sniper employment officer
- servomechanism**an automatic device for controlling large amounts of power by using small amounts of power
- SFC** sergeant first class
- SGT** sergeant
- SHELREP** shelling report
- shot group** a number of shots fired using the same aiming point which accounts for rifle, ammunition, and firer variability three shots are enough, but any number of rounds may be fired in a group
- sight alignment** . placing the center tip of the front sight post in the exact center of the rear aperature
- silhouette target** . a target that represents the outline of a man
- single sideband** . a system of radio communications in which the carrier and either the upper or lower sideband is removed from AM transmission to reduce the channel width and improve the signal-to-noise ratio
- SIR** specific information requirements
- SITREP** situation report
- SM** smoke munitions
- SOI** signal operation instructions
- SOP** standing operating procedure
- SP** self-propelled
- SPC** specialist
- SPIES** special patrol insertion/extraction system
- SPOTREP** spot report
- SSB** single sideband
- STAB** a system for extracting personnel by helicopter
- STANAG** Standardization Agreement
- static** sharp, short bursts of noise on a radio receiver caused by electrical disturbances in the atmosphere or by electrical machinery

- steady position** . . . the first marksmanship fundamental, which refers to the establishment of a position that allows the weapon to be held still while it is being fired
- stock weld** the contact of the cheek with the stock of the weapon
- STRAC** standards in training commission
- STX** situational training exercise
- supported position** any position that uses something other than the body to steady the weapon (artificial support)
- S W S** sniper weapon system
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- TAB** tactical air command
- TFFP** tentative final firing position
- time of flight** . . . the amount of time it takes for the bullet to reach the target from the time the round exits the rifle
- TOC** tactical operations center
- TOW** tube-launched, optically tracked wire-guided (missile)
- trajectory** the path of the bullet as it travels to the target
- TRC** training readiness condition
- TAP** target reference point
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- unidirectional** . . in one direction only
- unsupported position** . . . any position that requires the firer to hold the weapon steady using only his body (bone support)
- USAF** United States Air Force
- USAR** United States Army Reserve
- U S C** United States Code
- USMC** United States Marine Corp
- USN** United States Navy
-
- VHF** very high frequency
- VT** variable time
-
- wavelength** the distance a wave travels during one complete cycle; it is equal to the velocity divided by the frequency

windage adjustment . . . moving the rear sight aperture to cause the bullet to strike left or right on the target

WP. white phosphorus

zeroing adjusting the rifle sights so bullets hit the aiming point at a given range