



**GLOSSARY OF ACRONYMS
AND
TERMS (GOAT)**

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GLOSSARY OF ACRONYMS AND TERMS (GOAT)

Abbreviations can often be used to serve a useful and acceptable purpose. However, good judgment must be used in determining where and when they should be used. Within the military service there are many terms and abbreviations which are unique to the craft. It is not expected that we know all these terms, but as they are encountered we should become familiar with their meaning. The following list covers many of the more common terms and abbreviations.

AAA	Antiaircraft Artillery
AAC	Antiaircraft Control (Net)
AADC	Area Air Defense Commander
AAI	Antiaircraft Intelligence (Net)
AAW	Antiair Warfare
AAWC	Antiair Warfare Commander (USN)
ABCCC	Airborne Battlefield Command and Control Center
ACA	Airspace Coordination Area Airspace Control Area Airspace Control Authority
ACC	Air Combat Command
ACE	Aviation Combat Element
ACFT	Aircraft
ACEOI	Automated Communications Electronics Operating Instruction
ACLOS	Automatic Command Line of Sight
ACLS	Automatic Carrier Landing System
ACM	Air Combat Maneuver
ACO	Airspace Control Order

ACP	Airspace Control Plan
ACT	Air Combat Training
ADA	Air Defense Alert (Net) Air Defense Artillery (US Army) Air Defense Area
ADC	Air Defense Coordinator
AEGIS	Airborne Early Warning/Ground Environmental Integration Systems
AEW	Airborne Early Warning
AFLD	Airfield
AFATDS	Advanced Field Artillery Tactical Data System
AGL	Above Ground Level
AGM	Air-to-Ground Missile
AGS	Aviation Ground Support
AIC	Air Intercept Controller
AIM	Air Intercept Missile
AIZ	Air Intercept Zone
AIS	Airborne Instrumentation Subsystem
ALE	Airborne Counter Measures Ejection Release
ALO	Artillery Liaison Officer
ALT	Air Liaison Officer (USAF) Altitude
AMC	Air Mission Commander Air Mobility Command
AMSL	Above Mean Sea Level
AMRAAM	Advanced Medium Range Air to Air Missile
ANGLICO	Air/Naval Gunfire Liaison Company
AO	Aerial Observer Air Officer Area of Operation

AOA	Amphibious Objective Area
AOB	Air Order of Battle
AOC	Air Operations Center (USAF) Air Operations Control (Net)
AOI	Area of Influence
AOR	Area of Responsibility (JFC only)
AR	Air Refueling
AREC	Air Resource Element Coordinator (USN) Armed Reconnaissance
ARM	Antiradiation Missile
Armstrong	Arm Ordnance
ARTY	Artillery
ASC	Air Support Coordinator
ASC (A)	Assault Support Coordinator (Airborne)
ASE	Aircraft Survivability Equipment Air Support Element
ASCIET	All Service Combat Identification Evaluation Team
ASLT	Air Support Liaison Team
ASM	Air-to-Surface Missile
ASO	Air Surveillance Officer (USAF)
ASOC	Air Support Operations Center (USAF)
ASP	Academic Support Package
ASR	Assault Support Request
ASW	Antisubmarine Warfare
ASWO	Assault Support Watch Officer
ATACMS	Army Tactical Missile System
ATBM	Anti Tactical Ballistic Missile
ATGM	Antitank Guided Missile

ATA	Actual Time of Arrival Airport Traffic Area
ATACC	Advanced Tactical Air Control Center
ATC	Air Traffic Control
ATCF	Air Traffic Control Facility
ATDL-1	Army Tactical Data Link-1
ATDS	Airborne Tactical Data System (E-2)
ATF	Amphibious Task Force
ATO	Air Tasking Order
AWACS	Airborne Warning And Control System (E-3)
AWC	Assistant Weapons Controller
A2C2	Army Airspace Command and Control
BAI	Battlefield Air Interdiction
Bald Eagle	TRAP quick reaction helicopterborne company
Bandit	Known enemy aircraft, does not necessarily imply clearance to fire.
BCP	Battery Command Post
BCD	Battlefield Coordination Detachment (USA)
BDA	Bomb Damage Assessment Battle Damage Assessment
BDZ	Base Defense Zone
Bingo	Fuel Required for ACFT RTB
BLT	Battalion Landing Team
BMNT	Beginning of Morning Nautical Twilight
Bogey	Radar or visual contact which is unidentified
Buzzer	Slang for electronic jamming
BVR	Beyond Visual Range
C2 W	Command and Control Warfare

C3	Command, Control and Communications
C3I	Command, Control, Communications and Intelligence
CA	Command Action (Net)
CADS	Combat Airspace Deconfliction System
CAFMS	Computer Assisted Force Management System
CAP	Combat Air Patrol
CATF	Commander Amphibious Task Force
CAS	Close Air Support
CBR	Chemical, Biological, & Radiological
CBU	Cluster Bomb Unit
CCIR	Commanders Critical Intelligence Requirements
CCS	Command and Control Subsystem
CE	Command Element
CEP	Circular Error Probable. The radius of a circle into which 50% of missile/bombs/shells will fall; measure of accuracy of a weapon system
CEO	Communications Electronic Officer
CEOI	Communications Electronics Operating Instruction
CFL	Coordinated Fire Line
CFR	Crash Fire Rescue
CI	Counter Intelligence
CIC	Combat Information Center
CI/D	Combat Information/Detection (Net)
CINCLANTFLT	Commander-in-Chief, Atlantic Fleet
CINCPACFLT	Commander-in-Chief, Pacific Fleet
CIT	Counterintelligence Team
CLF	Commander Landing Force
CMCC	Classified Material Control Center

CNX/CANX	Cancel
COC	Combat Operations Center
COMMARFORLANT	Commander Marine Forces Atlantic
COMMARFORPAC	Commander Marine Forces Pacific
COMMINT	Communications Intelligence
COMSEC	Communications Security
CONUS	Continental United States
COS	Current Operations Section
CP	Control Point Contact Point
CRC	Control and Reporting Center
CRE	Control and Reporting Element
CRP	Control and Reporting Post Combat Readiness Percentage
CSAR	Combat Search and Rescue
CSSE	Combat Service Support Element
CSP	Contingency Support Package
CSS	Contingency Support Study
CTAPS	Contingency Theater Automated Planning System
CTT	Commanders Tactical Terminal
CV	Conventional Aircraft Carrier
CVN	Nuclear Powered Aircraft Carrier
CVW	Carrier Air Wing
CWAR	Continuous Wave Acquisition Radar (HAWK)
CWC	Composite Warfare Commander (USN)
DACT	Dissimilar Air Combat Training (ACT involving different types of aircraft, e.g., F-18 vs F-5)
DARO	Defense Airborne Reconnaissance Office

DAS	Direct Air Support Direct Air Support (Net) Deep Air Support Direct Access Service
DASC	Direct Air Support Center (Also IDASC - Improved Direct Air Support Center)
DASC(A)	Direct Air Support Center (Airborne)
DIAM	DIA Manual
DEFCON	Defense Readiness Condition
DCT	Digital Communications Terminal
DDS	Display And Debriefing Subsystem
DF	Direction Finding
DIA	Defense Intelligence Agency
DIPFAC	Diplomatic Facility Graphic
DISUM	Daily Intellegence Summary
DLAN	Deployed Local Area Network
DMA	Defense Mapping Agency
DME	Distance Measuring Equipment
DPICM	Dual Purpose Improved Conventional Munition
DR	Dead Reckoning
DS	Direct Support
DTG	Date-Time-Group
DWAN	Deployed Wide Area Network
EA	Electronic Attack
EAF	Expeditionary Airfield
ECM	Electronic Countermeasures
ECMO	Electronic Countermeasures Officer
ECCM	Electronic Counter Counter Measure

EID	Electronic Identification
EENT	Ending of Evening Nautical Twilight
EEI	Essential Elements of Information
ELINT	Electronic Intelligence
EMCON	Emission Control
EO/EOCM	Electro-optics/Electro-optical Countermeasures
EOB	Electronic Order of Battle Enemy Order of Battle
EOTDA	Electro-Optical Tactical Decision Aid
EP	Electronic Protection
EPW	Enemy Prisoner of War
ESC	Electronic Security Command
ES	Electronic Warfare Support
ETA	Estimated Time of Arrival
EW	Electronic Warfare Early Warning
EW/C	Early Warning and Control
EWO	Electronic Warfare Officer (USAF)
EWRT	Early Warning Radar Team
FAAD	Forward Area Air Defense (USA)
FAAWC	Force Antiair Warfare Commander (USN)
FAC	Forward Air Controller
FAC(A)	Forward Air Controller (Airborne)
FACS FAC	Fleet Area Control And Surveillance Facility
FACP	Forward Air Control Post (USAF)
FAD	Fighter Air Direction (Net)
FARP	Forward Arming and Refueling Point
FBH	Force Beach Head

FEBA	Forward Edge of the Battle Area
FEZ	Fighter Engagement Zone
FFA	Free Fire Area
FFCC	Force Fires Coordination Center
FIC	Fleet Intelligence Center
FIU	Force Imagery Interpretation Unit
FLIR	Forward Looking Infrared
FLOT	Forward Line of Own Troops
FO	Forward Observer
FOB	Forward Operating Base Friendly Order of Battle
FOE	Focus of Effort
FOS	Future Operations Section
FOUO	For Official Use Only
FOX-1	Radar Guided Missile shot (Example: AIM-7)
FOX-2	Infrared Guided Missile shot (Example: AIM-9)
FOX-3	Active Missile shot (Example: AMRAAM)
FM	Frequency Modulation
FP	Firing Platoon (HAWK)
FROG	Free Rocket Over Ground
FSC	Fire Support Coordinator
FSCC	Fire Support Coordination Center
FSCL	Fire Support Coordination Line
GAIL	Glide Angle Indicator Light (GAIL) System
GBAD	Ground Based Air Defense
GBDL	Ground Base Data Link
GBU	Guided Bomb Unit

GCA	Ground Controlled Approach
GCCS	Global Command and Control System
GCE	Ground Combat Element
GCI	Ground Control Intercept
GENSER	General Service
GMT	Greenwich Mean Time (Zulu)
GOB	Ground Order of Battle
GP	General Purpose
GPS	Global Positioning System
GS	General Support
GSE	Ground Support Equipment
HAHO	High Altitude High Opening Parachute Delivery
HALO	High Altitude Low Opening Parachute Delivery
HARM	High Speed Antiradiation Missile
HAWK	Homing All the Way Killer
HCS	Helicopter Coordination Section
HCZ	Helicopter Control Zone
HD	Helicopter Direction (Net) Helicopter Director
HDC	Helicopter Direction Center
HDC	Helicopter Direction Center (USN)
HDZ	Helicopter Drop Zone
HE	High Explosive
HEDP	High Explosive Dual Purpose
HERS	Helicopter Expedient Refueling System
HERO	Hazards of Electromagnetic Radiation to Ordnance
HF	High Frequency

HIDACZ	High Density Airspace Control Zone
HLA	Helicopter Landing Area
HLZ	Helicopter Landing Zone
HMD DASC	High Mobility Downsized Direct Air Support Center
Hostile	A known threat Aircraft: implies clearance to fire
HPI/HIPIR	High Powered Illuminator Radar (HAWK)
HR	Helicopter Request (Net)
HST	Helicopter Support Team
HUC	Helicopterborne Unit Commander
HUD	Heads-up Display
HUMINT	Human Intelligence; collection by agents
HMMWV	High mobility multi-purpose wheeled vehicle
HVA	High Value Asset
HVAA	High Value Airborne Asset
IADS	Integrated Air Defense System
IAS	Intelligence Analysis System
ICAO	International Civil Aviation Organization
ICBM	Intercontinental Ballistic Missile
ICN	Interface Coordination Net
ICO	Interface Coordination Officer Interface Control Officer
ICU	Interface Control Unit
IDENT	To identify by means of a transponder code
IFF	Identification Friend or Foe
IFR	Instrument Flight Rules
IFSAS	Initial Fire Support Automated System
IJMS	Interim JTIDS Message Specification

IMC	Instrument Meteorological Conditions (See IFR)
IMINT	Imagery Intelligence
INTREP	Intelligence Report
INTSUM	Intelligence Summary
IOC	Initial Operational Capability
IOM	Install, Operate, and Maintain
IP	Initial Point
IPB	Intelligence Preparation of the Battlefield
IR	Infrared
IRBM	Intermediate Range Ballistic Missile
IRCM	Infrared Countermeasures
IRCCM	Infrared Counter Counter Measures
IRSTS	Infrared Search and Track Set
IT/ITT	Interrogator/Interrogator Translator Team
IW	Information Warfare
IWO	Intelligence Watch Officer
I&W	Indications and Warning
Jamming	The deliberate radiation of electromagnetic energy with the object of degrading the use of the enemy's electronic equipment
JADO	Joint Air Defense Operations
JATO	Jet-assisted Takeoff
JEAP	Joint Electronic Analysis Program
JDISS	Joint Deployable Intelligence Support System
JEZ	Joint Engagement Zone
JFACC	Joint Force Air Component Commander
JFC	Joint Force Commander

Jink	The random motion of an aircraft (up/down and left/right) in order to avoid enemy ground fire
JINTACCS	Joint Interoperability of Tactical Command and Control Systems
JMEMs	Joint Munitions Effectiveness Manuals
JMCIS	Joint Maritime Command Information System
JOG (A,G,R)	Joint Operations Graphic (Scale 1:250,000) (A=Air, G=Ground, R=Radar)
JOTS	Joint Operational Tactical System
JSIPS	Joint Source Imagery Processing System
JSTARS	Joint Surveillance Target Attack Radar System
JTADS	Joint Tadiil-A Distribution Systems
JTAR	Joint Tactical Airstrike Request
JTAO	Joint Tactical Air Operations
J-TENS	Joint Service Tactical Exploitation of National Systems
JTF	Joint Task Force
JTIDS	Joint Tactical Information Distribution System
KIAS	Knots Indicated Air Speed
Knot	Nautical mile per hour
LAAD BN	Low Altitude Air Defense Battalion
LAAM BN	Light Antiaircraft Missile Battalion
LAR	Light Armored Recon
LAN	Local Area Network
LASHE	Low Altitude Simultaneous Hawk Engagement
LAV	Light Armored Vehicle
LIC	Low Intensity Conflict
LLTR	Low Level Transit Route
LOD	Line of Departure

LEASAT	Leased Satellite
LF	Landing Force
LFOC	Landing Force Operations Center
LGB	Laser-guided bomb
LOC	Lines of Communication (roads, railroads, canals, etc)
LOS	Line of Sight
LST	Laser Spot Tracker Landing Ship Tank
LZ	Landing Zone
LZCT	Landing Zone Control Team
MACCS	Marine Air Command and Control System
MACG	Marine Air Control Group
MACH	The speed of sound
MACS	Marine Air Control Squadron
MAFC	Marine All-Source Fusion Center
MAG	Marine Aircraft Group
MAGTF	Marine Air Ground Task Force
MALS	Marine Aviation Logistics Squadron
MANPADS	Man Portable Air Defense Systems
MASS	Marine Air Support Squadron
MATCAL	Marine Air Traffic Control and Landing System
MATCD	Marine Air Traffic Control Detachment
MAW	Marine Aircraft Wing
MBT	Main Battle Tank
MC	Missile Controller (TAOC)
MC and G	Mapping Charting and Geodesy
MCAT	Mechanized Combined Arms Team

MCCRES	Marine Corps Combat Readiness Evaluation System
MCE	Modular Control Equipment (USAF)
MCLOS	Manual Command Line of Sight
MCR	Multichannel Radio
Maverick	The AGM-65 air-to-ground missile (TV, laser, IR)
MDS	Mission Display System
Meaconing	The generation or retransmission of a radio navigational signal in order to confuse navigation
MEDEVAC	Medical Evacuation
MEF	Marine Expeditionary Force
MEF (FWD)	Marine Expeditionary Force (Forward)
METMF	Meteorological Mobile Facility
METOC	Meteorology and Oceanography
MEU	Marine Expeditionary Unit
MEWSS	Mobile Electronic Warfare Support System
MEZ	Missile Engagement Zone
MIZ	Missile Intercept Zone
MIJI	Meaconing, Interference, Jamming, Intrusion
MIL	Short for milliradian (Trigonometric ratio denoting angular measurement) 10= 17.78 mils 1' = 1 mil @ 1000' slant range 6400 mils in a circle
MLA	Mission Load Allowance
MLRS	Multiple Launch Rocket System
MMT	Marine Air Traffic Control Mobile Team
MOBA	Military Operations in Built up Areas
MOPP	Mission Oriented Protective Posture
MOSS	Mobile Oceanography Support System

MOUT	Military Operations in Urban Terrain
MRB	Motorized Rifle Battallion
MRBM	Medium Range Ballistic Missile
MRD	Motorized Rifle Division
MLRS	Multiple Launch Rocket System
MRR	Minimum Risk Route Motorized Rifle Regiment
MSC	Major Subordinate Command
MSI	Multispectral Imagery
MSL	Mean Sea Level
MSR	Main Supply Route
MSPF	Maritime Special Purposee
MSEL	Master Scenario Events List
MTDS	Marine Tactical Data System
MTACS	Marine Tactical Air Command Squadron
MTI	Moving Target Indicator
MULE	Modular Universal Laser Equipment Music Electronic Jamming observed on radar
Mutual Support	Two or more friendly aircraft providing each other aid in visual lookout, jamming, weapons employment, etc. Two or more units able to deliver effective fire into or over the site of an adjacent, like weapon.
MUX	Multichannel/Multiplexed Radio Systems
MWCS	Marine Wing Communications Squadron
MWSG	Marine Wing Support Group
MWSS	Marine Wing Support Squadron
NAI	Named Areas of Interest
NATO	North Atlantic Treaty Organization
NATOPS	Naval Air Training and Operating Procedures

	Standardization Program
NAVFAC	Naval Facility
NBC	Nuclear, Biological, and Chemical
NCA	National Command Authority
NCTR	Non-Cooperative Target Recognition
NEO	Non-combatant Evacuation Operation
NFA	No-fire Area
NGLO	Naval Gunfire Liaison Officer
NIIRS	National Imagery Interpretation Rating Scale
NIS	National Intelligence Survey Naval Investigative Service
NISC	Naval Intelligence Support Center
NM	Nautical Mile
NOB	Naval Order of Battle
NORAD	North American Air Defense Command
NORDO	Short for "no radio" (e.g., radio failure)
NOTAM	Notice to Airmen; flight advisory bulletins
NSA	National Security Agency
NSC	National Security Council Naval Space Command
NSFS	Naval Surface Fire Support
NTCSA	Naval Tactical Command System Afloat
NTDS	Naval Tactical Data System
NTS	Night Targeting System (AH-1)
NVD	Night Vision Device
NVG	Night Vision Goggles
NWIP	Naval Warfare Information Publication
NWP	Naval Warfare Publication

OAS	Offensive Air Support
OAT	Outside Air Temperature
OC(A)	Operational Commander (Airborne)
OCAC	Operation Control and Analysis Center
OGD	Obstacle Gain Defraction
OIR	Other Intelligence Requirements
OOB	Order of Battle
OPCON	Operational Control
OPLAN	Operations Plan
OPSEC	Operations Security
ONC	Operational Navigation Chart (Scale 1:1,000,000)
OSSC	Operational System Control Center (SYSCON)
OTC	Officer in Tactical Command
PAR	Pulse Acquisition Radar (HAWK) Precision Approach Radar (MATC)
PAWS	Prototype Analyst Workstation
PDS	Passive Detection System
PHIBGRU	Amphibious Group
PHIBROM	Amphibious Squadron
POL	Petroleum, Oil, and Lubricants
Port	Left-hand side
POW	Prisoner Of War
PRF	Pulse Repetition Frequency
PRI	Pulse Repetition interval
PW	Pulse Width
RAC	Refueling Area Coordinator
RADCON	Radiation Control

Radint	Radar Intelligence
RAOC	Rear Area Operations Center
RAS	Rear Area Security
RCC	Rescue Coordination Center
RF	Radio/Radar Frequency
RFA	Restricted Fire Area
RFI	Request for Information
RGR	Rapid Ground Refueling
RHAW	Radar Homing and Warning (same as RWR)
RIO	Report In/Out
RLT	Regimental Landing Team
RO	Radio/Radar Operator
ROA	Restricted Operations Area
ROC	Rules of Conduct Required Operational Capability Reconnaissance Operations Center
ROE	Rules of Engagement
ROZ	Restricted Operations Zone
R&S	Reconnaissance and Surveillance
RT	Radio Transmission(s) or transmitters
RRT	Radio Recon Team
RTB	Return to Base
RTF	Return To Force
RWR	Radar Warning Receiver
SA	Situational Awareness
SAAFR	Standard Use Army Aircraft Flight Route
SAAWC	Sector Antiair Warfare Commander (USN) Sector Antiair Warfare Coordinator (USMC)

SAC	Strategic Air Command Senior Air Coordinator (TACC)
SAC(A)	Supporting Arms Coordinator (Airborne)
SACC	Supporting Arms Coordination Center
SACLOS	Semi-Automatic Command Line of Sight
SAD	Senior Air Director (DASC/TAOC)
SAFE	Selected Area for Evasion
SAM	Surface-to-Air Missile
SARC	Surveillance and Reconnaissance Center
SAR	Search and Rescue Synthetic Aperture Radar
SARH	Semi-Active Radar Homing
SCAR	Strike Coordination and Reconnaissance
SCATANA	Security of Air Traffic and Navigational Aids
SCI	Sensitive Compartmented Information
SCIF	Sensitive Compartmented Information Facility
SCR	Single Channel Radio
SEAD	Suppression of Enemy Air Defense
SEAL	Sea, Air, Land (special warfare group)
SERE	Survival, Evasion, Resistance, Escape
SHF	Super High Frequency
Shrike	AGM-45 ARM
SID	Surveillance Identification Director (TAOC)
Sidarm	AGM-122 ARM
Sidwinder	AIM-9 IR homing air-to-air missile
SIF	Selective Identification Features (a coded for of IFF)
SIGINT	Signals Intelligence

SINGARS	Single Channel Ground and Airborne Radio System
SLAR/SLR	Side-looking Airborne Radar
SO	Surveillance Operator (TAOC)
SOC	Special Operations Capable; MEU(SOC)
SOJ	Stand-off Jamming
Sortie	An aircraft takeoff/land cycle
Sparrow	The AIM-7 SARH air-to-air missile
Sparrowhawk	TRAP quick reaction helicopterborne platoon
Spintcom	Special Intelligence Communications
SATCOM	Satellite Communication
SPE	Systems Planning & Engineering
SPIE	Special Patrol Insertion/Extraction
Spotrep	Spot Report
Squawk	To identify oneself by means of IFF
SRAM	Short-Range Attack Missile (AGM-69)
SRBM	Short-Range Ballistic Missile
SRIG	Surveillance, Reconnaissance, Intelligence Group
SSM	Surface-to-surface Missile
SSES	Ships Signals Exploitation
SSO	Special Security Office(r) Starboard Right-hand side
STD	Senior Traffic Director (TAOC)
STOL	Short Take-off and Landing SWD Senior Weapons Director (TAOC)
SWO	Senior Watch Officer
TAC	Tactical Air Commander (USMC)
TAC(A)	Tactical Air Coordinator (Airborne)
TACAN	Tactical Air Navigation Aid

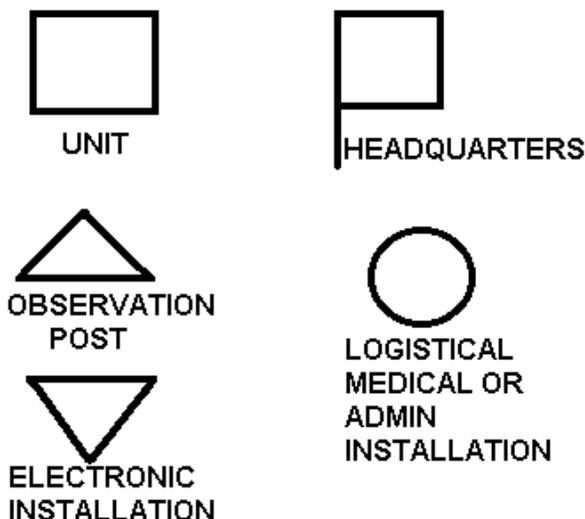
TACC	Tactical Air Command Center (USMC) Tactical Air Control Center (USN)
TACGRU	Tactical Control Group (USN)
TACP	Tactical Air Control Party (USMC/USAF)
TACRON	Tactical Control Squadron (USN)
TACS	Theater Airspace Control System (USAF)
TACTS	Tactical Aircrew Combat Training System
TAD	Tactical Air Direction (Net) Tactical Air Director
TADC	Tactical Air Direction Center
TADIL	Tactical Digital Information Link
TADIL	A A datalink that employs two or more stations (HF or UHF) in a netted configuration
TADIL- B	A point to point datalink (multi-channel or wire).
TADIL- C	A UHF datalink used between air control agencies and interceptors
TADIL-J	A secure UHF, Jam resistant datalink which uses JTIDS for information exchange from air, ground, maritime, EW and intelligence platform.
TADIT-B	Tactical Data Information Exchange
TAI	Target Area of Interest
TAFDS	Tactical Airfield Fuel Dispensing System
TAMPS	Tactical Aircrew Mission Planning System
TAOC	Tactical Air Operations Center
TAOM	Tactical Air Operations Module
TAR	Tactical Air Request (Net)
TARPS	Tactical Aerial Reconnaissance Pod System (F-14)
TARCAP	Target Combat Air Patrol
TASM	Tactical Air to Surface Missile

TASS	Tactical Automated Switching System
TATC	Tactical Air Traffic Control (Net) Tactical Air Traffic Controller (TAOC/DASC)
TAWO	Tactical Air Watch Officer
TCA	Terminal Control Area Tactical Control Assistant
TCAC	Technical Control and Analysis Center
TCO	Tactical Combat Operations
TDAR	Tactical Defense Alert Radar (LAAD)
TDC	Track Data Coordinator
TDCC	Tactical Data Communication Central
TDECC	Tactical Display And Engagement Control Console (HAWK)
TDMA	Time Division Multiple Access
TEAMS	Tactical EA-6B Mission Planning System
TECHCON	Technical Control Facility
TEEP	Training Exercise Employment Plan
TENCAP	Tactical Exploitation of National Capabilities
TERS	Tactical Event Reporting System
TERPES	Tactical Electronic Reconnaissance Processing & Evaluation System
TEWT	Tactical Exercise Without Troops
TGT	Target
THAAD	Theater High Altitude Air Defense
TLAM	Tomahawk Land Attack Missile
TMD	Theater Missile Defense
TO	Takeoff Tactical Officer (HAWK)
TOS	Time On Station

TOT	Time On Target
TOW	Tube Launched, Optically Tracked, Wire-Guided Anti tank Missile
TPFDL	Time Phased Force Deployment List
TRAP	Tactical Recovery of Aircraft and Personnel
TRAP BROADCAST	Tactical and Related Applications Broadcast
TRE	Tactical Receive Equipment
TSDF	Time Slot Duty Factor
TTO	Transit to Objective
TTT	Time To Target
TUT	Technology upgrade to TEAMS
UAV	Unmanned Aerial Vehicle
UHF	Ultra-high Frequency
VMC	Visual Meteorological Conditions
VFR	Visual Flight Rules
VHF	Very-high Frequency
VISCAP	Visual (Non-Radar) Combat Air Patrol
WP	White Phosphorous
WSO	Weapons Systems Officer
WTI	Weapons and Tactics Instructor
WTTP	Weapons and Tactics Training Program
WX	Weather
WWMCCS	World-Wide Military Command and Control System
Z	ZULU (Greenwich Mean Time)

MILITARY SYMBOLS

- I. Basic Symbol. Geometric Figures form the basic symbols which represent units, installations and activities.



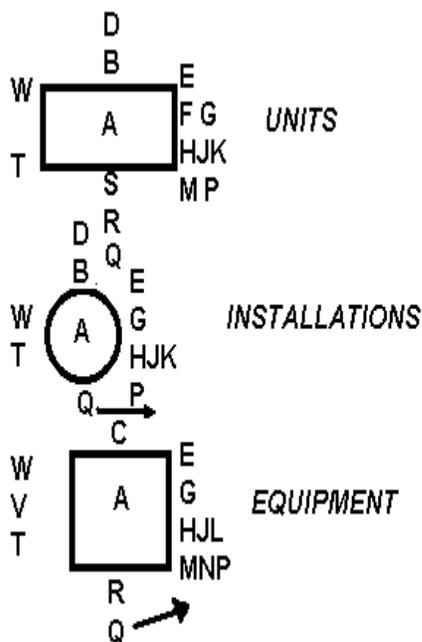
- II. Location and Content of Fields. Each basic symbol requires minimal additional information to be clearly understood. This information is conveyed by its placement around the basic symbol in designated fields. Certain fields are mandatory and others are optional. The following subparagraphs contain a discussion of the most commonly used fields.

Mandatory fields:

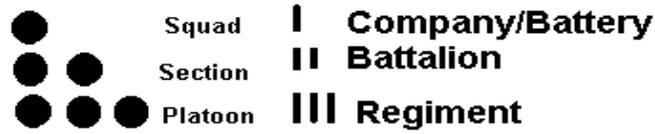
- A Role Indicator
- B Size Indicator
- D Special Size Indicator
- F Reinforced or Detached
- N Enemy (when no coloring is used)

Optional Fields:

- C Quantity of Equipment
- E Unconfirmed Reporting(indicated by "?")
- G Additional Information
- H Free Text
- J Evaluation Rating
- K Combat Effectiveness
- L Electronic Signature Equipment
- M Higher headquarters
- Q Direction of Movement arrow
- R Mobility Indicator
- S Headquarters Representation(ex. FWD)
- V Type of Equipment
- W Date Time Group

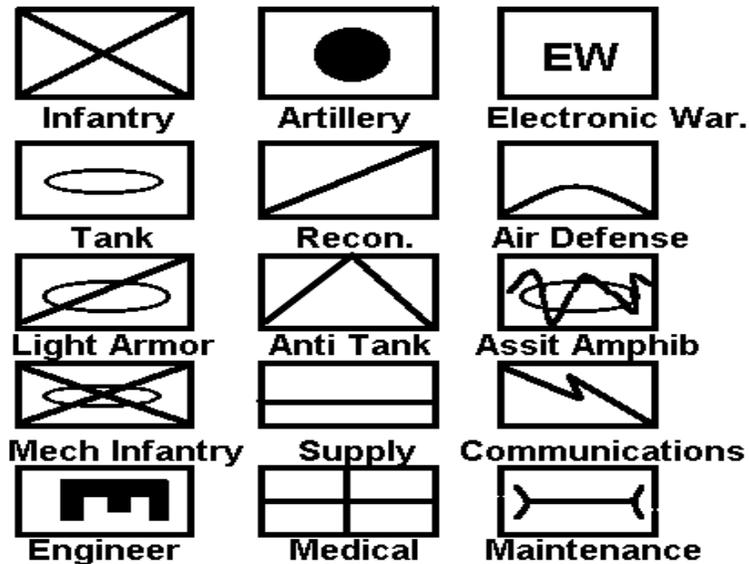


III. Unit Size of units and installations is shown by placing the appropriate size indicator directly above the basic symbol (Field "B").



X **Brigade**
XX **Division**
XXX **Corps/MEF**

IV. Role Indicator. The type or function symbols are placed inside the basic symbol (Field "A"). Symbols can be combined with one another to show an exact function or capability of the depicted unit. When no functional symbol is provided, an accepted abbreviation may be written inside the basic symbol.



V. Reinforcements Detachments. If a unit is reinforced or has a detached element, this is indicated to the right of the basic symbol in Field "F".

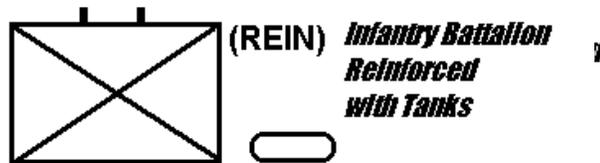
Reinforced- (+) or (REIN)

**Detached
With Reinforcements
and Detachments**

(-)

(-) (+) or (-) (REIN)

- VI. Unique Designations and Higher Formations. The identity of the unit is located to the left of the basic symbol in Field T. The unique designation must be consistent with the size indicator. The identity of the higher headquarters is located to the right of the basic symbol in Field M.
- VII. Special Size Indicators. A cap drawn in Field D over the size indicator designates a temporary grouping or task force.
- VIII. Free Text. Field H contains additional information not indicated elsewhere. For example:



- IX. Mobility Indicator. The type of mobility shown beneath the basic unit or equipment symbol in Field R.

