

## **Glossary**

AA	Anti Aircraft
AAA	Anti-Aircraft Artillery
AAC	Army Air Corps
AAH	Advanced Attack Helicopter
AAM	Air To Air Missile
ACM	Air Combat Maneuvering
AEW	Airborne Early Warning
ALCM	Air Launched Cruise Missile
APERS	Anti Personnel
ASM	Air to Surface Missile
ASRAAM	Advanced Short Range Air to Air Missile
AT	Anti Tank
BVR	Beyond Visual Range
CAP	Combat Air Patrol
CAS	Close Air Support
CEP	Circular Error Probable
CIWS	Close-In Weapon System
COIN	Counter Insurgency
CRT	Cathode Ray Tube
CV	Attack Aircraft Carrier (Conventional)
CVN	Attack Aircraft Carrier (Nuclear)
DEW	Distant Early Warning
DoD	Department of Defense
ECM	Electronic Countermeasures
ECCM	Electronic Counter Countermeasures
ECR	Electronic Combat Reconnaissance
ELINT	Electronic Intelligence

ERA Explosive Reactive Armour  
ESM Electronic Support Measures  
EW Electronic Warfare, Early Warning  
FBW Fly-By Wire  
FLIR Forward Looking Infrared  
g force of gravity (9.8m/s<sup>2</sup>)  
GCA Ground Controlled Approach  
GCI Ground Controlled Intercept  
GLLD Ground Laser Locator Designator  
GPS Global Positioning System  
HB Heavy Barrel  
HE High Explosive  
HOTAS Hands On Throttle And Stick  
HUD Head-Up Display  
HUDWAC HUD Weapon Aiming Computer  
HUDWASS HUD Weapon Aiming Subsystem  
ICBM Intercontinental Ballistic Missile, Range >5600km  
IFF Identification Friend Or Foe  
ILS Instrument Landing System  
INS Internal Navigation System  
IR Infrared  
IRBM Intermediate Range Ballistic Missile  
JAST Joint Advanced Strike Technology  
J-STAR Joint Surveillance Target Attack Radar System  
JSF Joint Strike Fighter  
km/h kilometer per hour  
kT kiloton  
L Liter

LABS  
Low Alt. Bombing System

LAMPS  
Light Airborne Multi-Purpose System

LAPES  
Low Alt. Parachute Extraction System

LCD  
Liquid Crystal Display

LGB  
Laser Guided Bomb

m  
meter

Mach  
speed of sound, Mach 1 - 1223km/hr at sea level

MAD  
Magnetic Anomaly Detector

MAP  
Maritime Patrol Aircraft

MG  
Machine Gun

MR  
Maritime Reconnaissance

NATO  
North Atlantic Treaty Organization

NASA  
National Aeronautics and Space Administration

NBC  
Nuclear Biological Chemical

NVE  
Night Vision Equipment

OTH-B  
Over The Horizon Back Scatter Radar

PGM  
Precision Guided Munitions

R&D  
Research and Development

RAM  
Radar Absorbing Material

RATO  
Rocket Assisted Take Off

RCM  
Radio Countermeasures

RCS  
Radar Cross Section

RF  
Radio Frequency

RHWR  
Radar Homing and Warning Receiver

RMG  
Ranging Machine Gun

rpm  
rounds per minute  
revolutions per minute

RP  
Rocket Propelled

RPV  
Remotely Piloted Vehicle

SAC  
Strategic Air Command

SAM  
Surface To Air Missile

SAR  
Search And Rescue  
Synthetic Aperture Radar

SATCOM  
Satellite Communication

SDI  
Strategic Defense Initiative

SEAD  
Suppression of Enemy Air Defenses

SLAM  
Supersonic Low Altitude Missile

SLR  
Side Looking Airborne Radar

STOL  
Short Take-Off and Landing

STOVL  
Short Take-Off / Vertical Landing

TA  
Terrain Avoidance

TAC  
Tactical Air Command

TACAN  
Tactical Aid to Navigation

TALD  
Tactical Airborne Laser Designation  
Tactical Air Launched Decoy

TBO  
Time Between Overhauls

TLS  
Tank Laser Sight

TOGS  
Thermal Observation and Gunnery System

TOW  
Take Off Weight

TWR  
Threat Warning Receiver

UVA  
Unmanned Aerial Vehicle

UHF  
Ultra High Frequency

VDF  
Very High Freq. Direction Finding Station

VFA  
Fixed-Wing Fighter/Attack (Navy)

VHF  
Very High Frequency

VLO  
Very Low Observable

VMFA  
Fixed-Wing Fighter/Attack (Marine Corps)

V/STOL  
Vertical/Short Take-Off and Landing

VTOL  
Vertical Take-Off and Landing

WAC  
Weapons Aiming Computer

WSO  
Weapons System Officer

X  
Experimental

XO  
Executive Officer

Yaw  
Rotation of aircraft about the vertical axis

ZFW  
Zero Fuel Weight

Zulu  
Greenwich Mean Time

Weapons

AAM  
Air To Air Missile

ADAM  
Area Denial Artillery Munition

ALCM  
Air Launched Cruise Missile

AP  
Armour Piercing

AP-T  
Armour Piercing Tracer

APC  
Armour Piercing Capped

APC-T  
Armour Piercing Capped - Tracer

APDS  
Armour Piercing Discarding Sabot

APDS-T  
Armour Piercing Discarding Sabot - Tracer

APERS  
Anti Personnel

APERS-T  
Anti Personnel - Tracer

APFSDS  
Armour Piercing Fin Stabilized Discarding Sabot

APFSDS-T  
Armour Piercing Fin Stabilized Discarding Sabot - Tracer

APHE  
Armour Piercing High Explosive

APHE-T  
Armour Piercing High Explosive Tracer

APSE  
Armour Piercing Secondary Effect

APSE-T  
Armour Piercing Secondary Effect - Tracer

API  
Armour Piercing Incendiary

API-T  
Armour Piercing Incendiary - Tracer

ASM  
Air to Surface Missile

ASRAAM  
Advanced Short Range Air to Air Missile

AT  
Anti Tank

ATBM  
Anti Tactical Ballistic Missile

ATGW  
Anti Tank Guided Weapon

CLGP  
Cannon Launched Guided Projectile

HE  
High Explosive

HE-T  
High Explosive - Tracer

HEAT  
High Explosive Anti Tank

HEAT-T  
High Explosive Anti Tank - Tracer

HEAT-FS  
High Explosive Anti Tank - Fin Stabilized

HEAT-T-FS  
High Explosive Anti Tank - Tracer - Fin Stabilized

HEAT-MP  
High Explosive Anti Tank - Multi Purpose

HEAT-T-MP  
High Explosive Anti Tank - Tracer - Multi Purpose

HE-FRAG  
High Explosive - FRAGmentation

HE-FRAG-T  
High Explosive - FRAGmentation - Tracer

HE-FRAG FS  
High Explosive - FRAGmentation Fin Stabilized

HE-FRAG-T FS  
High Explosive - FRAGmentation - Tracer Fin Stabilized

HEI  
High Explosive Incendiary

HEI-T  
High Explosive Incendiary - Tracer

HEP  
High Explosive Plastic

HEP-T  
High Explosive Plastic - Tracer

HERA  
High Explosive Rocket Assist

HVAP-DS-T  
High Velocity Armour Piercing - Discarding Sabot - Tracer

HVAP-T  
High Velocity Armour Piercing - Tracer

ICM  
Improved Conventional Munition

ICBM  
Intercontinental Ballistic Missile, Range >5600km

IRBM  
Intermediate Range Ballistic Missile

LGB  
Laser Guided Bomb

PGM  
Precision Guided Munitions

RAAMS  
Remote Anti Armour Mine System

RP  
Rocket Propelled

SAM  
Surface to Air Missile

Vehicles

AAAV  
Armoured Amphibious Assault Vehicle

ACRV  
Armoured Command and Reconnaissance Vehicle

AEV  
Armoured Engineer vehicle

AFSV  
Armoured Fire Support Vehicle

AIFV  
Armoured Infantry Fighting Vehicle

APC  
Armoured Personnel Carrier

ATR  
Automotive Test Rig

AVGP  
Armoured Vehicle General Purpose

AVLB  
Armoured Vehicle Launched Bridge

BARV  
Beach Armoured Recovery Vehicle

CCV-L  
Close Combat Vehicle - Light

CEV  
Combat Engineer Vehicle

CFV  
Cavalry Fighting Vehicle

COV  
Counter Obstacle Vehicle

CVR[T]  
Combat Vehicle Reconnaissance [Tracked]

CVR[W]  
Combat Vehicle Reconnaissance [Wheeled]

FAASV  
Field Artillery Ammunition Support Vehicle

FISTV  
Fire Support Team Vehicle

IAFV  
Infantry Armoured Fighting Vehicle

ICV  
Infantry Combat Vehicle

IFV  
Infantry Fighting Vehicle

LAV  
Light Armoured Vehicle

LVT  
Landing Vehicle Tracked

LVTC  
Landing Vehicle Tracked Command

LVTE  
Landing Vehicle Tracked Engineer

LVTH  
Landing Vehicle Tracked Howitzer

LVTP  
Landing Vehicle Tracked Personnel

LVTR  
Landing Vehicle Tracked Recovery

MBT  
Main Battle Tank

MEWS  
Mobile Electronic Warfare System

MICV  
Mechanized Infantry Combat Vehicle

SP  
Self Propelled

SPAAG  
Self Propelled Anti Aircraft Gun

SPAAM  
Self Propelled Anti Aircraft Missile

SPATG  
Self Propelled Anti Tank Gun

SPG  
Self Propelled Gun

SPH  
Self Propelled Howitzer

SPM  
Self Propelled Mortar

TD  
Tank Destroyer

TEL  
Transporter Erector Launcher

TELAR  
Transporter Erector Launcher And Radar

WAPC  
Wheeled Armoured Personnel Carrier

WFSV  
Wheeled Fire Support Vehicle

WMRV  
Wheeled Maintenance Recovery Vehicle