
ABBREVIATIONS AND ACRONYMS

A/C	Aircraft
ACARS	Aircraft Communications Addressing and Reporting System
ACAT	Acquisition Category
ACC	Adaptive Cruise Control
ACTD	Advanced Concept Technology Demonstration
ACTS	Advanced Communications Technology Satellite
AFMC	Air Force Materiel Command
AIMS	Airplane Information Management System
ALCAR	Advanced Low Cost Aperture Radar
AOG	Aircraft on Ground
APU	Auxiliary Power Unit
ASG	Avionics and Surveillance Group (TRW)
ASIC	Application-Specific Integrated Circuit
AUPP	Average Unit Production Price
AUPPR	Average Unit Procurement Price Requirement
BFE	Buyer-Furnished Equipment
C&L	Coopers & Lybrand
C/SCS	Cost/Schedule Control System
CAB	Civil Aeronautics Board
CAIG	Cost Analysis Improvement Group (DoD)
CAIV	Cost As an Independent Variable
CAS	Cost Accounting Standards

CDRL	Contract Data Requirements List
CEP	Circular Error Probable
CICA	Competition in Contracting Act
CMI	Commercial-Military Integration
CNI	Communication, Navigation, and Identification
COSSI	Commercial Operations & Support Savings Initiative
COTS	Commercial Off-the-Shelf
CPFF	Cost Plus Fixed Fee
CPIF	Cost Plus Incentive Fee
CRADA	Cooperative Research and Development Agreement
CSIS	Center for Strategic and International Studies
CTS	Continuous Transverse Stub
DAPP	Defense Acquisition Pilot Programs
DARPA	Defense Advanced Research Projects Agency
DBS	Direct Broadcast Satellites
DCAA	Defense Contract Audit Agency
DCMC	Defense Contract Management Command
Dem/Val	Demonstration and Validation
DFARS	Defense Federal Acquisition Regulations Supplement
DMS	Diminishing Manufacturing Sources
DoD	Department of Defense
DRB	Dispute Resolution Board
EIA	Electronic Industries Association
EIWS	Electronic & Information Warfare Systems group (Northrop-Grumman)
EMD	Engineering and Manufacturing Development
ESSD	Electronic Sensors and Systems Division (Northrop- Grumman)
EW	Electronic Warfare
FAA	Federal Aviation Administration
FAR	Federal Acquisition Regulations

FARA	Federal Acquisition Reform Act (1996)
FASA	Federal Acquisition Streamlining Act (1994)
FFF	Form, Fit, and Function
FFP	Firm Fixed Price
FMS	Flight Management System
FY	Fiscal Year
GaAs	Gallium Arsenide
GAO	U.S. General Accounting Office
GDP	Gross Domestic Product
GHz	Gigahertz
GOTS	Government Off-the-Shelf
GPS	Global Positioning System
HAE	High-Altitude Endurance
HDTV	High Definition Television
HSCT	High Speed Commercial Transport
IAI	Israeli Aircraft Industries
IBP	Industrial Base Pilot
IIR	Imaging Infrared
IMU	Inertial Measurement Unit
IOC	Initial Operational Capability
IOT&E	Initial Operational Test and Evaluation
IPT	Integrated Product Team
IRS	Inertial Reference System
JASSM	Joint Air-to-Surface Stand-Off Missile
JDAM	Joint Direct Attack Munition
JSF	Joint Strike Fighter
JSOW	Joint Stand-Off Weapon
KPP	Key Performance Parameter
LAN	Local Area Network
LCR	Low Cost Radar
LEO	Low Earth Orbit
LRIP	Low Rate Initial Production

LRU	Line Replaceable Unit
LTBF	Least Time Between Failures
LTBUR	Least Time Between Unscheduled Removals
MAFET	Microwave and Analog Front-End Technology
Mantech	Manufacturing Technology
Mantech IBP	Manufacturing Technology Industrial Base Pilot
MCU	Modular Concept Unit
MDAP	Major Defense Acquisition Programs
MEO	Medium Earth Orbit
MHz	Megahertz
Mil-Specs	Military Specifications and Standards
Mil-Std	Military Standard
MIMIC	Microwave and Millimeter-Wave Integrated Circuit
MIRFS	Multifunction Integrated Radio Frequency System
MMIC	Monolithic Microwave Integrated Circuits
MMW	Millimeter Wave
MODAR	Modular Radar
MPM	Microwave Power Module
MRO	Maintenance, Repair, and Overhaul
MTBF	Mean Time Between Failures
MTBUR	Mean Time Between Unscheduled Removals
NASA	National Aeronautical and Space Administration
NAVSTAR	Navigation System Using Time and Ranging
NFF	No Fault Found
NRE	Non-Recurring Engineering
N mi	Nautical Mile
O&S	Operation and Support
OEM	Original Equipment Manufacturer
OH/M	Overhaul/Maintenance
OPP	Out of Production Parts
OSD	Office of the Secretary of Defense
OTA	Office of Technology Assessment

OTS	Off-the-Shelf
OUUSD/A&T	Office of the Under Secretary of Defense for Acquisition and Technology
OUUSD/AR	Office of the Under Secretary of Defense for Acquisition Reform
Pan Am	Pan American Airways
PB	President's Budget
PCS	Personal Communication Systems
PDR	Programmable Digital Radio
PDRR	Program Definition and Risk Reduction
PPCC	Production Price Commitment Curve
PPV	Past Performance Value
R&D	Research and Development
RF	Radio Frequency
RFP	Request for Proposals
RSAT	Radar System Aperture Technology
SATCOM	Satellite Communications
SFE	Supplier-Furnished Equipment
SIA	Semiconductor Industry Association
SLAM-ER	Stand-off Land Attack Missile-Expanded Response (Boeing)
SOO	Statement of Objectives
SOW	Statement of Work
SPO	System Program Office
SST	Supersonic Transport
T/R	Transmit/Receive
TBD	To Be Determined
TCAS	Traffic Alert and Collision Avoidance
TINA	Truth in Negotiations Act
TRP	Technology Reinvestment Program
TSPR	Total System Performance Responsibility
TSSAM	Tri-Service Standoff Attack Munition

TWA	Trans World Airlines
UAV	Unpiloted Air Vehicles
UPS	United Parcel Service
VARTM	Vacuum-Assisted Resin-Transfer Molding
VCR	Video Camera Recorder
VIA	Versatile Integrated Avionics
WCMD	Wind Corrected Munitions Dispenser
WLAN	Wireless Local Area Network