

AGARD MULTILINGUAL AERONAUTICAL DICTIONARY

ACRONYMS AND ABBREVIATIONS

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ACRONYMS and ABBREVIATIONS

The abbreviations and acronyms listed in this section are some of the more common ones used in the context of aeronautics and include those used in the definition section of this dictionary. The list includes name acronyms, affiliation acronyms and abbreviations, agency acronyms and abbreviations, etc., which may be useful in reading this dictionary. Note that the same abbreviation or acronym may indicate more than one definition and these are separated by a semicolon.

A

AA	Anti-Aircraft; Anti-Aircraft Artillery; Air Armament; Air-to-Air	ABETS	Airborne Electrical Test Set
AAA	Anti-Aircraft Artillery	ABMEWS	Anti-Ballistic Missile Early Warning System
AAC	Air Approach Control; Automatic Approach Control	ABMM	Anti-Ballistic Missile Missile
AADA	Anti-Aircraft Defended Area	ABMS	Advanced Ballistic Missile Systems
AADC	Advanced Avionic Digital Computer; Anti-Aircraft Defence Commander	ABN	Aerodrome Beacon
AAFB	Auxiliary Air Force Base	ABPS	Air Breathing Propulsion System
AAFC	Anti-Aircraft Fire Control	ABRES	Advanced Ballistic Re-entry System
AAFE	Advanced Application Flight Experiment	ABS CLG	Absolute Ceiling
AAFSS	Advanced Aerial Fire Support System	AC	Aerodynamic Center; Anti-Clutter; Absolute Ceiling; Altocumulus; Armament Control
AAGW	Air-to-Air Guided Weapons	a.c.	Alternating Current
AAH	Advanced Armed Helicopter	A/C	Aircraft
AAI	Air-to-Air Identification	ACAS	Airborne Collision Avoidance System
AAIB	Aircraft Accident Investigation Board	ACB	Air Circuit Breaker
AAL	Aircraft Approach Limitation	ACBWS	Automatic Chemical Biological Warning System
AALS	Advanced Approach and Landing System	ACC	Air Control Centre
AALT	Automatic Azimuth Laying Theodolite	ACCESS	Aircraft Communications Electronic Signalling System; Automatic Computer-Controlled Electronics Scanning System
AAM	Air-to-Air Missile; Anti-Aircraft Missile	accry	Accessory
AAP	Apollo Applications Program; Analog Auto Pilot	ACCS	Automatic Checkout and Control System
AAPP	Auxiliary Airborne Power Plant	acdt	Accident
AAPU	Airborne Auxiliary Power Unit	ACE	Altimeter Control Equipment; Automatic Computing Engine; Automatic Checkout Equipment; Acceptance Checkout Equipment
AAR	Aircraft Accident Report	ACES	Advanced Concept for Ejection Seat
AARPS	Air Augmented Rocket Propulsion System	ACG	Air Cargo Glider
AAS	Abort Advisory System	ACI	Air Combat Information
AASD	Anti-Aircraft Self-Destroying	ACID	Aircraft Identification
AASR	Airport & Airways Surveillance Radar	ack	Acknowledge
AATC	Automatic Air Traffic Control	ACLS	Automatic Carrier Landing System; All-weather Carrier Landing System (F-14A); Air Cushion Landing System; Automated Control and Landing System
AAV	Airborne Assault Vehicle	ACM	Active Countermeasures
AB	Air Bearing; Auto-Beacon; Air Base; After-Burner; Adapter Booster; Airborne	ACME	Automatic Control and Maneuvering Electronics; Attitude Control & Maneuvering Electronics
A,B	Sound Levels; See 'Sound Level Meter' and 'Total Noise Load'	ACOE	Automatic Checkout Equipment
ABC	Automatic Brightness Control; Advanced Biomedical Capsule; Advanced Battery Acquisition Radar; Atomic Biological Chemical War; Advancing Blade Concept	ACPM	Attitude Control Propulsion Motors
ABE	Air Breathing Engine	ACP	Altimeter Check Point; Audio Control Panel; Acceptance Checkout Procedure; Azimuth Change Pulse
ABES	Air Breathing Engine System	ACPU	Auxiliary Computer Power Unit
		ACPS	Attitude Control Propulsion System
		acq	Acquire; Acquisition
		ACR	Airfield Control Radar; Air Control and Reporting; Approach Control Radar
		ACRE	Automatic Checkout & Readiness Equipment
		ACRES	Airborne Communication Relay Station
		ACS	Attitude Control & Stabilization; Astro-Communications System; Atmosphere Control System; Armament Control System; Attitude Control System; Automatic Control System
		acst	Acoustic

ACT

ABBREVIATIONS AND ACRONYMS

ACT Active Control Technology; Activation; Automatic Checkout Techniques

ACTF Altitude Control Test Facility

ACU Acceleration Control Unit; Air Conditioning Unit

ACV Air Cushion Vehicle

ACW Air Control and Warning System; Aircraft Control and Warning

AC&W Aircraft Control and Warning

ACWS Aircraft Control & Warning System

AD Aerodrome; Air Defence

A/D Analog(ue) to Digital; Arm/Destruct

ADA Air Defense Area

ADAC Automated Direct Analog(ue) Computer

ADAM Air Deflection and Modification

ADAR Advanced Design Array Radar

ADA Systems Action Data Automation Systems

ADC Airborne Digital Computer; Automatic Digit Control; Air Data Computer; Aerodrome Control

ADCC Air Defense Control Center

ADF Automatic Direction Finder; Automatic Direction Finding (Equipment)

ADI Attitude Director Indicator; Automatic Direction Indicator

ADH Automated Data Handling

ADISP Aeronautical Digital Information System Panel

ADIZ Air Defense Identification Zone

ADL Armament Datum Line

ADM Air Defense Missile

ADP Acceptance Data Package; Automatic Data Processing

ADPE Automatic Data Processing Equipment

ADPLL All Digital Phase Locked Loop

ADR Advisory Route

ADRAN Advanced Digital Ranging System

ADRS Automatic Data Reporting System

ADS Air Defence System; Air Defence Ship; Accessory Drive System; Air Data System; Advanced Data System

ADSEL Address Selection Beacon System

ADSS Aircraft Damage Sensing System

ATTU Auxiliary Data Translator Unit

ADV Air Defence Variant

adv Advanced

ADZ Air Defence Zone

AE Air Electrical; Auxiliary Equipment

A&E Armament and Electronics

AEA Abort Electronic Assembly

AEB Aft Equipment Bay

AEDS Atmospheric Electric Detection System

AEEC Airlines Electronic Engineering Committee

AER Azimuth Elevation Range

AERCAB Integrated Aircrew Escape/Rescue Capability

AERO Aeronautical Weather Report

AES Artificial Earth Satellite

AEROS Artificial Earth Research and Orbiting Satellite

AEROSAT Aeronautical Satellite (NASA-ESRO)

AEW Airborne Early Warning

AEWC Airborne Early Warning and Control

AF Air Force; Audio Frequency

A/F Airfield; Airframe

AFAADS Advanced Forward Area Air Defense System

AFB Air Force Base; Anti-Friction Bearing

AFBM Air Force Ballistic Missile

AFC Automatic Frequency Control

AFCE Automatic Flight Control Equipment

AFCS Adaptive Flight Control System; Automatic Flight Control System; Avionic Flight Control System; Air Force Communication System

AFCO Automatic Fuel Cutoff

AFI Automatic Fault Isolation

AFLS Approach Flashlighting System

AFM Anti-Friction Metal; Air Force Manual

AFPAM Automatic Flight Planning and Monitoring

AFR Automatic Frequency Regulation; Air Force Regulation; Air-Fuel Ratio

AFTN Aeronautical Fixed Telecommunication Network

A/G Air-to-Ground

AGACS Automatic Ground-Air Communication System

AGAP Attitude Gyro Accelerometer Package

AGARD Advisory Group for Aerospace Research and Development

AGAVE Automatic Gimballed Antenna Vectoring Equipment

AGC Automatic Gain Control

AGCA Automatic Ground-Controlled Approach

AGCS Automatic Ground Checkout System; Automatic Ground Control System; Automatic Ground Computer System

AGCU Attitude Gyro Coupling Unit

AGE Automatic Guidance Electronics

AGM Air-to-Ground Missile

AGT Aviation Gas Turbine

AGW Allowable Gross (Take-Off) Weight

AGZ Actual Ground Zero

ah Ampere Hour

AHI Aerodynamic Heating Indicator

AHRS Attitude Heading Reference System

AHRU Attitude Heading Reference Unit

AI Attitude Indicator; Aircraft Interception; Airborne Interception; Anti-Icing; Articulation Index

AI(Radar) Aircraft Identification Radar; Air Interception Radar

AIA Anti-Icing Additive

AIC Aircraft in Commission; Ammunition Identification Code

AIDAS Advanced Instrumentation and Data Analysis System

AIDS Aircraft Integrated Data System; Airborne Integrated Data System; Abort Inertial Digital System

AIETA Airborne Infrared Equipment for Target Analysis

AIG Address Indicating Group; Accident Investigation Group

AIL Airborne Instrument Laboratories

AILAS Automatic Instrument Landing Approach System

AILS Advanced Integrated Landing System; Automatic Instrument Landing System

AIM Air Intercept Missile

AIMIS	Advanced Integrated Modular Instrumentation System	AMSAM	Anti-Missile Surface-to-Air Missile
AIMS	Advanced Intercontinental Missile System	AMSL	Above Mean Sea Level
AIP	Aeronautical Information Publication	AMST	Advanced Medium STOL Transport
AIR	Assembly Inspection Report; Accident Investigation Report; Aircraft Intercept Radar; Airborne Intercept Radar	AMTI	Area Moving Target Indicator
AIREW	Airborne Infrared Early Warning	AMTIDE	Aircraft Multipurpose Test Inspection & Diagnostic Equipment
AIS	Aircraft Identification System; Aeronautical Information Service; Apogee Impulse System; Attitude Indicating System	AMU	Air Mileage Unit; Atomic Mass Unit; Astronaut Maneuvering; Average Monthly Usage
AIT	Automatic Information Test	AN	Air Navigation; Astro-Navigation; Air Force-Navy; Alphanumeric
AJ	Anti-Jamming	ANAF	Army - Navy - Air Force
AL	Aluminum	ANCR	Aircraft Non-Combat Ready
A/L	Airlift	ANFE	Aircraft Not Fully Equipped
ALBI	Air-Launched Ballistic Intercept	anhyd	Anhydrous
ALBM	Air-Launched Ballistic Missile	ANL	Annoyance Noise Level
ALC	Automatic Light Control	anlg	Analog(ue)
ALCAL	Alloy Coated Aluminium	ANP	Aircraft Nuclear Propulsion
ALCC	Airborne Launch Control Center	ANPOD	Antenna Positioning Device
Alclad	Aluminium Clad	ant	Antenna
ALGM	Air-Launched Guided Missiles	ANTAC	Air Navigation Tactical Control System
ALGOL	Algorithmic Language	AOB	Air Order of Battle
ALIM	Air-Launched Intercept Missile	AOC	Aircraft Out of Commission; Air Officer Commanding; Automatic Overload Control; Air Operations Center; Average Operating Cost
ALMS	Aircraft Landing Measurement System	AOCM	Aircraft Out-of-Commission Awaiting Maintenance
ALOFT	A Language Oriented to Flight Engineering and Testing	AOCP	Aircraft Out-of-Commission for Parts
ALOTS	Airborne Lightweight Optical Tracking System	AOK	All Systems Operational and Ready
ALP	Automated Learning Process	AOLO	Advanced Orbital Launch Operations
ALPS	Advanced Liquid Propulsion System	AOP	Air Observation Post
ALRI	Airborne Long-Range Input	AOQ	Average Outgoing Quality
ALS	Approach Light System; Automatic Landing System; Alerting and Locating System	AOQL	Average Outgoing Quality Limit
ALSTA	All Stations	AOS	Acquisition of Signal
ALVRT	Air-Launched Low Volume Ramjet	AOSS	Active Optics Simulation System
AM	Amplitude Modulation	AOT	Alignment Optical Telescope
A&M	Assembly & Maintenance	AP	Accelerometer Package; Air Pollution; Airport; Armour Piercing; Alpha Particle Spectrometer
AMA	Air Material Area; Automatic Malfunction Analysis	A/P	Autopilot
AMARS	Air Mobile Aircraft Refuelling System	APAC	Antenna Pointing Angle Change
AMCS	Airborne Missile Control System	APAR	Automatic Programming and Recording
AME	Angle Measuring Equipment	APATS	Automatic Programmer & Test System
AMI	Advanced Manned Interceptor; Air Mileage Indicator	APC	Automatic Phase Control; Automatic Pitch Control; Aeronautical Planning Chart; Armour Piercing, Capped; Approach Control
AMLLV	Advanced Multipurpose Large Launch Vehicles	APCHE	Automatic Programmed Checkout Equipment
AMM	Anti-Missile Missile	APCON	Approach Control
ammo	Ammunition	APCS	Attitude and Pointing Control System
amp	Ampere	APD	Auxiliary Power Distribution
amp hr	Ampere Hours	AP&D	Advanced Planning and Design
amp min	Ampere Minutes	AP/FD	Autopilot/Flight Director
amph	Amphibian; Amphibious	APG	Air Proving Ground; Azimuth Pulse Generator
ampli	Amplifier	API	American Petroleum Institute; Alignment Progress Indicator; Armour-Piercing Incendiary; Air Position Indicator
AMPS	Advanced Maneuvering Propulsion System	APICON	Aircraft Position Information Converter
AMPSS	Advanced Manned Penetrator Strike System; Advanced Manned Precision Strike System	APICS	Air Pollution Information & Computer System
AMPT	Advanced Maneuvering Propulsion Technology	APIT	Armour Piercing Incendiary Tracer
AMQ	Analog(ue) Multiplexer Quantizer	APM	Anti-Personnel Missile
AMS	Aeronautical Material Specifications	APOTA	Automatic Positioning Telemetry Antenna
AMSA	Advanced Manned Strategic Aircraft		

APP

ABBREVIATIONS AND ACRONYMS

APP	Auxiliary Power Plant; Apparatus	arty	Artillery
approx	Approximate	Ar sub 1	The temperature at which transformation of austenite to ferrite and carbide is complete on cooling. See 'transformation temperature'.
appx	Appendix		
APS	Accessory Power Supply; Ascent Propulsion System; Airborne Power Supply; Absolute Pressure Sensor; Auxiliary Power Supply; Aircraft Prepared for Service; Airbreathing Propulsion System; Auxiliary Propulsion System	Ar sub 2	The temperature at which austenite starts to transform to alpha ferrite on cooling. See 'transformation temperature'.
APS weight	Aircraft-Prepared-for-Service Weight	Ar sub 4	The temperature at which delta ferrite transforms to austenite. See 'transformation temperature'.
APT	Automatic Picture Transmission; Automatic Position Telemetry; Automatic Programmed Tooling	ARU	Auxiliary Readout Unit (S-3 A)
AP-T	Armour Piercing, with Tracer (Ammunition)	ARV	Aeroballistic Re-entry Vehicle; Armoured Recovery Vehicle
APU	Auxiliary Power Unit	AS	Aeronautical Standard; Aircraft Standard; Air Superiority; Altostratus; Antisubmarine; Adapter Section; Automatic Skin
AQL	Acceptance Quality Level	A/S	Ascent Stage (LEM)
AR	Aspect Ratio; Advanced Reactor; Anti-Radar; Aircraft Rocket; Armed Reconnaissance; Acquisition Radar; Aerial Refuelling	a/s	Airspeed
A/R	At the Rate of; Acquisition/Reference; As Required	ASA	Acrosurface Servo-Amplifier; Automatic Systems Analysis; Amplifier & Switch Assembly; About Sensor Assembly
ARA	Auxiliary Recovery Antenna; Aerial Refuelling Area; Airborne Radar Approach	ASACS	Airborne Surveillance & Control System
ARB	Air Registration Board (U.K.)	ASAP	Automated Statistical Analysis Program
ARBS	Angular Rate Bombing System	ASAS	Aerodynamic Stability and Augmentation System
ARC	Advanced Reentry Concept; Automatic Remote Control	ASC	Automatic Sensitivity Control; Aerodynamic Surface Control; Accelerometer Signal Conditioner
ARCAS	All Purpose Rocket for Collecting Atmospheric Soundings; Automatic Radar Chain Acquisition System	ASCS	Automatic Stabilization and Control Systems
Ar sub cm	The temperature at which carbide in a steel starts to precipitate on cooling. See 'transformation temperature'.	ASD	Advanced Surveillance Drone; Aeronautical Systems Division
ARC/W	Arc Weld	ASDE	Airport Surface Detection Equipment; Airfield Surface Detection Equipment
ARELEM	Arithmetic Element Program	ASDIC	Allied Submarine Detection Investigation Committee
ARENTS	Advanced Research Environmental Test Satellite	ASDS	Aircraft Sound Description System
ARI	Airborne Radio Instrument	ASE	Airborne Search Equipment; Automatic Stabilization Equipment
ARIES	Advanced Radar Information Evaluation System	ASEP	Automatic Sequence Execution and Processor
ARINC	Aeronautical Radio Incorporated	ASEWPS	Anti-Submarine Weapons Environmental Prediction System
ARIP	Automatic Rocket Impact Predictor	ASFIR	Active Sweep Frequency Interferometer Radar
ARIS	Advanced Range Instrumentation Systems	ASFTS	Auxiliary Systems Function Test Stand
ARL	Acceptable Reliability Level	AS/GPD	Attitude Set and Gimbal Position Display
ARM	Armature; Anti-Radiation Missile; Anti-Radar Missile	ASH	Assault Support Helicopter
ARM-PL	Armor Plate	ASI	Airspeed Indicator; Azimuth Speed Indicator; Augmented System Igniter; Augmented Spark Igniter
ARMS	Aerial Radiological Measuring System	ASIS	Abort Sensing & Implementation System
AROD	Airborne Ranging and Orbital Determination	ASK	Amplitude Shift Keying; Analog(ue) Select Keyboard
ARODS	Airborne Radar Orbital Determination System	ASLV	Advanced Small Launch Vehicle
ARP	Azimuth Reference Pulse; Advanced Reentry Programme; Aerodrome Reference Point; Air Raid Protection/Precautions	ASM	Air-to-Surface Missile
ARS	Advanced Reconnaissance Satellite; Attitude Reference System; Air Rescue Service; Automatic Recovery System; Atmospheric Revitalization Subsystem; Atmosphere Revitalization System	ASMD	Anti-Ship Missile Defense
ARSR	Air Route Surveillance Radar	ASMI	Aerodrome Surface Movement Indicator; Airfield Surface Movement Indicator
ART	Advanced Research Technology; Automatic Range Tracking; Artificial	ASMS	Advanced Surface Missile System; Atmosphere Sensing & Maintenance System
ARTC	Air Route Traffic Control	ASN	Average Sample Number
ARTCC	Air Route Traffic Control Center	A-SOL	Anti-Solar
ARTG	Azimuth Range and Timing Group	ASP	Aerospace Plane; Automatic Synthesis Program; Atmospheric Sounding Projectile; Automatic Sample Processor; Anti-Submarine Patrol; Atomic Strike Plan; Ammunition Supply Point
ARTOC	Area Route Traffic Control Centre	ASPA	Auxiliary Storage & Playback Assembly
ARTS	Advanced Radar Traffic System; Automated Radar Tracking System	ASPECT	Acoustic Short Pulse Echo Classification Technique
		AS/POT	Agema Systems/Power on Test

ASR	Air Sea Rescue; Airport Surveillance Radar; Aviation Safety Regulation; Airborne Surveillance Radar	ATR	Air Traffic Regulation; Anti-Transmit-Receive; Automatic Transmitter Receiver; Automatic Target Recognition; Air Turbo Rocket; Analog(ue) Tape Recorder; Air Transport Racking
ASROC	Anti-Submarine Rocket	ATRAN	Automatic Terrain Recognition and Navigation
ASS	Aerospace Surveillance System; Acquisition Sun Sensor	ATRID	Automatic Target Recognition, Identification & Detection
ASSET	Aerothermodynamic/Elastic Structural System Environmental Test	ATS	Applications Technology; Astronomical Time Switch; Air Traffic Services; Automatic Test System; Applications Technology Satellite
ASST	Advanced Supersonic Transport	ATSE	Advanced Throttling Slurry Engine
assy	Assembly	ATSIT	Automatic Technique for Selection & Identification of Targets
AST	All Systems Test; Advanced Supersonic Transport	ATSS	Acquisition and Tracking Subsystem
ASTAS	Antiradar Surveillance and Target Acquisition System	ATT	Advanced Transport Technology
ASTIA	Armed Services Technical Information Agency (US)	ATTREF	Attitude Reference Program
ASTRA	Application of Space Techniques Relating to Aviation (Panel)	ATVC	Automatic Thrust Vector Control
ASU	Altitude Sensing Unit	ATW	Anti-Tank Weapon
ASV	Aerospace Vehicle; Air to Surface Vessel Reconnaissance (Radar)	AT WT	Atomic Weight
ASW	Anti-Submarine Warfare; Anti-Sea Warfare; Anti-Submarine Weapon	AU	Astronomical Unit
ASWCR	Airborne Surveillance Warning & Control Radar	AUM	Air to Underwater Missile
AT	Armament Test; Air Traffic; Air Temperature; Atomic Time; Anti-Tank	AUTOCAT	Automatic Control of Air Transmissions
A&T	Assembly & Test	AUTODIN	Automatic Digital Network; Automatic Distribution Network
ATA	Assembly and Test Area; Actual Time of Arrival; Air Transport Association; Avionics Test Article	AUTOSYN	Self-Synchronization
ATAR	Anti-Tank Aircraft Rocket	AUTOVON	Automatic Voice Network
ATBM	Antitactical Ballistic Missile; Average Time Between Maintenance	AUTRAN	Automatic Target Recognition Analysis
ATC	Air Traffic Control; Air Training Command; Automatic Tracking Control; Average Total Cost	AUW	All-Up Weight
ATCA	Attitude and Translation Control Assembly	aux	Auxiliary
ATCC	Air Traffic Control Centre	AV	Angular Velocity; Average; Audio-Visual
ATCE	Ablative Thrust Chamber Engine	AVC	Automatic Volume Control
ATCRBS	Air Traffic Control Radar Beacon System	AVCAT	Aviation fuel with a high flash point
ATCRU	Air Traffic Control Radar Unit	AVCS	Advanced Vidicon Camera System
ATCS	Air Traffic Communication System; Air Traffic Control Service; Active Thermal Control Subsystem; Active Thermal Control System	AVD	Automatic Voice Data
ATCSS	Air Traffic Control Signalling System	AVDT	Angular Variable Differential Transformer
ATD	Actual Time of Departure	AVE	Aerospace Vehicle Equipment
ATDS	Airborne Tactical Data System	AVGAS	Aviation Gasoline
ATE	Air-Turbo Exchanger; Automatic Test Equipment; Advanced Technology Engine	AVHRR	Advanced Very High Resolution Radiometer
ATF	Actual Time of Fall; Air Task Force; Altitude Test Facility	AVI	Airborne Vehicle Identification
ATG	Air to Ground	AVID	Advanced Visual Information Display
ATGAR	Anti-Tank Guided Air Rocket	AVM	Airborne Vibration Monitoring
ATGW	Anti-Tank Guided Weapon	AVOLO	Automatic Voice Link Observation
ATGM	Anti-Tank Guided Missile	AVP	Address Verification Pulse
ATI	Average Total Inspection; Air Technical Intelligence	AVS	Advanced Vertical Strike Fighter; Air Ventilated Suit
ATLAS	Automatic Tape Load Audit System; Abbreviated Test Language for Avionics Systems	AVTAG	Aviation Fuel (Gasoline/Kerosene)
ATM	Anti-Tank Missile	AVTUR	Kerosene Jet Fuel
ATMW	Anti-Tank Missile Weapon	AW	Above Water; All-Weather; Automatic Weapons; Air Warning
ATO	Assisted Take-Off; Actual Time Over	AWACS	Airborne Warning & Control System
ATOC	Average Total Operating Cost	AWADS	Adverse Weather Aerial Delivery System
ATOLL	Acceptance Test or Launch Language	AWCS	Air Weapons Control System
ATP	Authority to Proceed; Alternate Target Point	AWG	Airborne Weapon Guidance
		AWL	All-Weather Landing System
		AWOP	All-Weather Operation Panel
		AWRS	Airborne Weather Reconnaissance System
		AWS	Air Warning System; Air Weapon System; Air Weather Service
		AWX	All-Weather Aircraft; All-Weather Landing System

AWY	Airway	BESS	Binary Electromagnetic Signal Signature
AZS	Automatic Zero Set	BET	Best Estimated Trajectory
	B	BEV	Billion Electron Volts
BA	Blind Approach; Bank Angle	BF	Back Feed
BAB	Babbitt	BFO	Beat Frequency Oscillator
BABS	Beam-Approach Beacon System; Blind-Approach Beacon System	BGG	Booster Gas Generator
BAC	Barometric Altitude Control	BGRV	Boost Glide Re-Entry Vehicle
BACE	Basic Automatic Checkout Equipment	BH	Brinell Hardness; Block House
BADAS	Binary Automatic Data Annotation System	BHC	Blockhouse Computer
BADGE	Base Air Defense Ground Environment	BHN	Brinell Hardness Number
BADIC	Biological Analysis Detection Instrumentation & Control	BHP	Brake Horsepower
BAI	Barometric Altitude Indicator	BHP-HR	Brake Horsepower-Hour
BAINS	Basic Advanced Integrated Navigation System	BI	Base Ignition
bal	Balance	BIA	Boost, Insertion & Abort
BALLUTE	Balloon Parachute	BIC	Barium Iodide Cloud
BALS	Blind Approach Landing System	BIG	Biological Isolation Garment
BAMBI	Ballistic Missile Boost Intercept	BIGS	Booster Inertial Guidance System
BANIR	Bombing & Navigation Inertial Reference	BIH	Build in Hold
BAP	Base Auxiliary Power; Best Adoptive Path	BIOSAT	Biological Satellite
BARB	British Angular Rate Bombsight	BIRDIE	Battery Integration & Radar Display Equipment
BARN	Bombing & Reconnaissance Navigation	BISS	Bio-Isolator Suit System
BARS	Backup Attitude Reference System	BIT	Built in Test
BAS	Basic Airspeed; Blind Approach System	BITE	Built in Test Equipment
BATO	Balloon-Assisted Take-Off	Bk/Az	Back Azimuth
BATS	Ballistic Aerial Target System	bkr	Breaker
BB	Breadboard; Ball Bearing; Building Block; Short Range Bomber	bkup	Backup
BBDC	Before Bottom Dead Centre	bkwd	Backward
BBL	Barrel	BL	Bombline
BC	Battery Changer; Ballistic Camera	BLAM	Ballistically Launched Aerodynamic Missile
B CD	Binary Coded Decimal; Binary Coded Data	BLC	Boundary Layer Control
BCI	Binary-Coded Information	BLH	Band-Limited (ELF) Hiss
BCN	Beacon	BLIMP	Boundary Layer Integral Matrix Procedure
BCU	Buss Control Unit	BLIP	Background-Limited Infrared Photoconductor
BD	Base Detonating; Band	BLOM	Booster Lift Off Mass
B/D	Binary to Decimal	BLOW	Booster Lift Off Weight
BDA	Bomb Damage Assessment	BLP	Basic Launch Plan
BDC	Bottom Dead Centre	BLUCKET	Blade + Bucket
BDF	Base Detonation Fuse	bm	Beam
BDHI	Bearing-Distance-Heading Indicator; Bearing Distance and Height Indicator	BM	Base Maintenance; Bench Mark
BDS	Bomb Damage Survey; Bomb Director System	B/M	Bench Maintenance (BM is preferred)
BDU	Biomedical Display Unit	BMAG	Body-Mounted Attitude Gyro
BE	Band Elimination; Booster Engine	BMD	Ballistic Missile Defense
BEACOTRON	Beam Coupling	BME	Bench Maintenance Equipment
BDI	Bearing Deviation Indicator	BMEP	Brake Mean Effective Pressure
BDM	Bomber Defence Missile	BMEWS	Ballistic Missile Early Warning System
BECO	Booster Engine Cutoff	BMMD	Body Mass Measurements Device
BEEPER	Remote Control Pilot	BMR	Basic Military Requirement
BEET	Best-Estimated Evaluation Trajectory	BMS	Basic Missile Checker
BEF	Blunt End Forward	BMTD	Ballistic Missile Terminal Defense
BEP	Best Efficiency Point; Bit Error Probability	BMWS	Ballistic Missile Weapon System
BER	Bit Error Rate	BNGS	Bomb Navigation Guidance System
		bo	Burnout
		BOA	Broad Ocean Area
		BOC	Blowout Coil
		BOD	Biochemical Oxygen Demand

BOSS	Bio-Astronautic Orbiting Space Station	CAA	Civil Aeronautics Administration; Civil Aviation Authority
BOMREPT	Bomb Report	CAAS	Computer-Aided Approach Sequencing
BOSS-WEDGE	Bomb Orbital Strategic System-Weapon; Development Glide Entry	CAB	Captive Air Bubbles; Civil Aeronautics Board
BOSU	Bioastronautics Operational Support Unit	CACD	Computer-Aided Circuit Design
B/P	Blueprint	CACON	Cargo Container
BPC	Back Pressure Control	CADC	Central Air Data Computer (F-14A)
BPDSMS	Basic Point Defence Surface Missile System	CADDAC	Central Analog Data Distributing and Controlling System
BPF	Band Pass Filter	CADF	Commutated Aerial Direction Finder
BPI	Bits Per Inch	CADFISS	Computation and Data Flow Integrated Subsystem
BPN	Breakdown Pulse Noise	CADIC	Computer-Aided Design of Integrated Circuits
BPR	Bypass Ratio	CADIE	Control/Altitude Direction Indicator Electronics
bprf	Bullet-Proof	CADL	Communications and Data Link
BPS	Bits Per Second	CADS	Computer Aided Departure Sequencing
BPSS	Biopack Subsystem	CAG	Carrier Air Group
BR	Barrage Rocket	CAI	Control and Acquisition Interface
BRFP	Baseline Reference Flight Plan	CAINS	Carrier Aircraft Inertial Navigation System
brg	Bearing	cal	Calibre; Calorie
BRL	Bomb Release Line	CAM	Computer Address Matrix; Commercial Air Movement; Computer Aided Manufacturing; Content Addressable Memory
BRLG	Bomb, Radio, Longitudinal, Generator-Powered	cam	Camouflage
BRN	Broadcast Net	CAMP	Cabin Air Manifold Pressure
BS	Boresight; British Standard	C and R	Control and Reporting
b/s	Bits Per Second	CAP	Capacity; Civil Air Patrol; Combat Air Patrol
B-scan	Rectangular range/bearing display	CAPER	Computers Aided Pattern Evaluation and Recognition
BSDL	Boresight Datum Line	CAPS	Combat Air Patrol Support
BSE	Base Support Equipment	CAR	Civil Air Regulations; Cloud Altitude Radiometer
BSI	Battery Status Indicator; British Standards Institution	CARA	Cargo and Rescue Aircraft; Combat Aircrew Rescue Aircraft
BSLSS	Buddy Secondary Life Support System	CARD	Computer Aided Radar Design
BST	Brief Systems Test; British Standard Time	CARP	Computed Air Release Point
Bstrk	Bomb Service Truck	CAS	Calibrated Airspeed; Close Air Support; Collision Avoidance System; Controlled Airspace
BT	Bombing Table; Bathylthermographic Equipment; Burn Time	CASEVAC	Casualty Evaluation by Air
BTDC	Before Top Dead Centre	CASEX	Combined Aircraft Submarine Exercise
BTD	Burn to Depletion	CASF	Composite Air Strike Force
BTL	Beacon Tracking Level	CASS	Command Active Sonobuoy System
BTLS	Breadboard Terminal Landing System	CASTS	Countdown and Status Transmission System
BTO	Bombing Through Overcast	CAT	Category; Carburetor Air Temperature; Clean Air Turbulence; Civil Air Transport
BTRU	Barostatic Time Release Unit	CAT CHG	Catapult Charge
btry	Battery	CAV	Composite Analog(ue) Video
BTU	British Thermal Unit	CAVU	Ceiling and Visibility Unlimited
B/U	Backup; Buildup	CB	Circuit Breaker; Common Battery; Centre of Buoyancy
BUIC	Back Up Interceptor Control System	C/B	Circuit Breaker
BUM	Bureau of Medicine	Cb	Cumulonimbus
BUV	Backscatter Ultraviolet	CBAL	Counterbalance
BV	Billion Volts	CBR	California Bearing Ratio; Chemical Bacteriological and Radiological; Chemical Biological Radiological
BW	Body Wing; Band Width; Biological Warfare; Black and White	CBRM	Charger Battery Relay Module
BWA	Backward Wave Amplifier	CBU	Cluster Bomb Unit
BWO	Backward Wave Oscillator	cbw	Constant Bandwidth
BWPA	Backward Wave Power Amplifier	CBX	C-Band Transponder
byb	Bypass		
	C		
C	Centigrade; Celsius; Cumulus		
CA	Certificate of Airworthiness		

CC

ABBREVIATIONS AND ACRONYMS

CC	Cloud Cover; Control Center; Control Computer; Combustion Chamber; Continuous Current; Cubic Centimetre; Combat Closure	CEP	Circle of Equal Probability; Circular Error Probability
Cc	Cirrocumulus	CEM	Communications-Electronics-Meteorological
CCA	Configuration Control Action; Carrier-Controlled Approach	CEMF	Counter Electromotive Force
CCB	Close Control Bombing	CERE	Computer Entry and Readout Equipment
CCC	Command Control Console; Central Computer Complex	CERMET	Ceramic Metal
CCCU	Crew Compartment Cooling Unit	CERT	Composite Electrical Readiness Test
CCDS	Charge-Coupled Devices	CES	Central Electronics System; Crew Escape System; Control Electronics Section
CCE	Command Control Equipment	CEVM	Consumable Electrode Vacuum Melting
CCIP	Continuous Computed Impact Point; Continuous Contact of Impact Point	CF	Centrifugal Force; Cathode Follower; Cubic Foot; Carrier Frequency; Counterfire
CCIS	Command Control Information System	CFA	Crossed Field Amplifier; Cowl-Flap Angle
CCM	Controlled Carrier Modulation; Crew Cargo Module	CFAR	Constant False Alarm Rate
CCMS	Counter-Counter Measures; Command Control & Monitor System	CFC	Central Fire Control
CCN	Contract Change Negotiation	CFD	Cumulative Frequency Distribution
CCP	Contract Change Proposal	CFE	Contractor Furnished Equipment
CCr	Combat Crew	CFH	Cubic Feet/Hour
CCS	Computer Complex; Camera Control System; Command Communication Systems	CFHT	Continuous/Flow Hypersonic Tunnel
CC&S	Central Computer and Sequencer	CFIT	Controlled Flight into Terrain
CCT	Constant Current Transformer	CFM	Cubic Feet Per Minute
CCTV	Closed-Circuit Television	CFP	Constant Filter and Plot
CCU	Combined Control Unit	CFR	Contact Flight Rules
CCV	Control Configured Vehicle	CG	Cargo Glider; Centre of Gravity
CCW	Cloud and Collision Warning; Counter Clockwise	CFS	Cubic Feet Per Second
CCRP	Continuous Computed Release Point	CG	Centre Of Gravity
CD	Candle Power; Control Differential; Civil Defence; Coastal Defence Radar; Cold Drawn; Countdown; Calibration Device; Circular Dispersion	CGI	Computer-General Image
C-D	Convergent - Divergent	CGLTG	Cloud to Ground Lighting
C&D	Communication and Data; Control & Display	CGS	Centimetre - Gram - Second
CDC	Command Decoder Coax; Computer Display Channel; Course and Distance Calculator	CGSS	Cryogenic Gas Storage System
CDDT	Countdown Demonstration Test	CH	Conductor Head; Compass Heading
CDF	Circuit Design Fabrication; Central Data Facility; Confined Detonating Fuse; Control Detonating Fuses	CHARM	CAA High Altitude Remote Monitoring
CD film	Camouflage Detection Film	CHC	Choke Coil
CDH	Constant Delta Height	CHT	Cylinder - Head Temperature
CDI	Course Deviation Indicator; Control Direction Indicator	CHAG	Chain Arrestor Gear
CDP	Command Data Processor; Compressor Discharge Pressure	CHG	Helicopter Ships (SAM Armament)
CDPC	Central Data Processing Computer	CHLL	Compacted High-Level Language
CDR	Critical Design Review	CH-X	Condensate Heat Exchanger
CDRS	Computer Data Recording System	CI	Cirrus
CDS	Climatological Data Sheet; Control Data System	C&I	Communication and Instrumentation
C&DSS	Communications & Data Subsystems	CIAP	Climatic Impact Assessment Program
CDT	Compressor Discharge Temperature	CIC	Combat Information Center
CDU	Coupling Display Unit; Controls and Displays Unit	CID	Combat Information and Detection; Cable Interconnection Diagram; Cabling Interface Drawings
CDX	Control Differential Transmitter	CIF	Central Instrumentation Facility
C-E	Communications-Electronics	CIM	Computer Input Matrix; Computer Input Multiplexer
CEA	Circular Error Average	CIPHONY	Ciphered Telephony
CECO	Center Engine Cutoff	CIP	Compressor Inlet Pressure
CEF	Computer Execute Function	CIT	Compressor Inlet Temperature
		CIU	Command Interface Unit; Computer Interface Unit
		ckpt	Checkpoint; Cockpit
		ckt	Circuit
		CKT BKR	Circuit Breaker
		CL	Centre Line
		C.L.	Centre Line; Closed Loop
		C sub Д	Coefficient of Lift (Lift Coefficient)
		CLA	Center Line Average

ABBREVIATIONS AND ACRONYMS

cryog

CLAM	Chemical Low Altitude Missile	COMSAT	Global Commercial Communications Satellite System; Communications Satellite
CLASP	Composite Launch & Spacecraft Program; Computer Language for Aeronautics and Space Programming	COMSEC	Communications Security
CLAW	Clustered Atomic Warhead	COMZ	Communications Zone
CLC	Course Line Computer	CONAD	Continental Air Defense
CLEAR	Components Life Evaluation and Reliability	CONDI	Convergent - Divergent
clg	Ceiling	CONELRAD	Control of Electromagnetic Radiation
CLOS	Command Line of Sight	CONSHIP	Control by Ship
CLSM	Crew Life Support Monitor	CONSHORE	Control from Shore
CLweight	Conventional Landing Weight	CONSOL	Long range radio aid to navigation
clwy	Clearway	CONUS	Continental United States
CM	Crewman; Centimetre; Consumables Management; Configuration Management; Cruise Missile; Counter Measures	CORA	Coherent Radar Array
CMA	Contact Making Ammeter	CORDS	Coherent-on-Receive Doppler System
CMDB	Composite-Modified Double Base Propellants	COS	Change-Over Switch; Cutoff Signal
CMG	Control Moment Gyro	COSAR	Compression Scanning Array Radar
CMM	Condition Monitored Maintenance	COTAR	Correlated Orientation Tracking & Ranging System
CMP	Compound Helicopter	COTAT	Correlation Tracking and Triangulation
CMU	Compatibility Mockup	COVER	Cut-Off Velocity & Range
CMVM	Contact-Making Voltmeter	CP	Communications Processor; Candle Power; Centre of Pressure; Concrete Piercing (Ammunition); Command Post; Change Proposal; Circular Polarized; Control Panel
CN	Compass North	CPC	Computer Program Component
CNEL	Community Noise Equivalent Level	CPD	Crew Passive Dosimeter
CNI	Communications, Navigation, Identification	CPE	Circular Probable Error; Computer Peripheral Equipment
C/No	Carrier/Noise Spectral Density Ratio	CPF	Complete Power Failure
CNR	Carboxy Nitroso Rubber; Composite Noise Rating	CPFF	Cost Plus Fixed Fee
CNRA	Composite Noise Rating (Aircraft)	CPI	Crash Position Indicator
CNR	Composite Noise Rating	CPIF	Cost Plus Incentive Fee
c/o	Cutoff; Checkout	CPILS	Correlation Protected ILS
COAT	Corrected Outside Air Temperature	CPL	Common Programming Language
COC	Combat Operations Centre	CPM	Cycles Per Minute; Critical Path Method
COCODE	Compressed Coherency Detection (Radar Technique)	CPR	Compressor Pressure Ratio
COCS	Camera Override Control System	CPRV	Cabin Pressure Relief Valve
COD	Carrier Onboard Delivery	CPS	Cycles Per Second; Critical Path Schedule
CODED	Computer Deisng of Electronic Devices	CPSF	Candle Power/Square Foot
CODIC	Computer-Directed Communications	CPU	Central Processing Unit (of a Computer)
CODIPHASE	Coherent Digital Phased Array System	CR	Compression Ratio; Combat Ready; Control Receiver; Carriage Return; Change Request
CODIS	Controlled Digital Simulator	CRAM	Computerized Reliability Analysis Method; Card Random Access Memory
COED	Computer Operated Electronic Display	CRC	Control and Reporting Centre
COFI	Checkout and Fault Isolation	CRD	Controlled Release Device; Cosmic Ray Detector
COFW	Certification of Flight Worthiness	CRDF	Cathode-Ray Direction Finder
COG	Course Made Good Over the Ground	CRE	Command Rece; Corrosion Resistant
COGS	Continuous Orbital Guidance System	CRES	Corrosion Resistant Steel
COHO	Coherent Pulse Oscillator	CRG	Control Rate Gyro
COI	Communications Operation Instruction	CRO	Cathode Ray Oscillograph; Cathode Ray Oscilloscope
COIN	Counter Insurgency	CROW	Combined Rocket Warhead
COM	Computer-Output-Microfilm	CRP	Computer Reset Pulse
COMAR	Contour Mapping Radar System	CRS	Cold Rolled Steel
COMAT	Characteristics of Materials	CRST	Cathode Ray Storage Tube
COMGEN	Common Specifications Statements Generator	CRT	Cathode-Ray Tube; Combat Readiness Training
COMINT	Communications Intelligence	CRTV	Composite Re-Entry Test Vehicle
COM LINK	Communications Link	CRW	Carrier Wave
COMMAND	Command Model for Analysis & Design	cryog	Cryogenic
COMPACT	Computer Programmed Automatic Checkout & Test System		

crypto

ABBREVIATIONS AND ACRONYMS

crypto Cryptography
 CS Crew Station; Centistokes; Commercial Standards; Crypto Secure
 CSC Cartridge Storage Case; Course and Speed Computer; Central Switching Concept
 C/S Command System
 Cs Cirrostratus
 CSC Cartridge Storage Case; Central Switching Concept
 CSD Constant Speed Drive
 CSDC Computer Signal Data Converter (F-14A)
 CSE Common Support Equipment
 CSG Course and Speed Made Good Over the Ground
 csk Countersink
 CSL Console
 CSM Combustion Stability Monitor; Close-Support Mission; Command and Service Module
 CSR Check Status Reply
 CSS Cryogenic Storage System; Control Stick Steering
 CSRMS Controlled Solid Rocket Motors
 CST Central Standard Time
 CSU Constant Speed Unit; Central Suppression Unit
 CT Component Test; Coefficient of Thrust; Control Transformer
 C & T Communications and Tracking
 C/T Central Timing; Command Transmitter
 CTA Compatibility Test Area; Component Test Area; Control Area
 CTE Cable Termination Equipment; Central Timing Equipment; Component Test Equipment
 CTF Combined Task Force
 ctg Counting; Cartridge
 CTM Command to Measure; Cardiotachometer
 CTO Conventional Take-Off
 C TO C Center to Center
 CTOL Conventional Take-Off and Landing
 CTO Weight Conventional Take-Off Weight
 CTP Confidence Test Program
 CTR Certification Test Requirements
 CTS Contingency Transfer System; Certification Test Specification; Cosmic Top Secret
 CTSC Test Support
 CTSS Compatible Time Sharing System
 CTU Central Timing Unit
 CTV Controlled Test Vehicle
 ctwt Counterweight
 CTZ Control Zone
 CU Control Unit
 Cu Cumulus
 cu ft Cubic Feet
 cu in Cubic Inch
 cu m Cubic Metre
 cu mm Cubic Millimetre(s)
 cu yd Cubic Yard
 CUL Command Uplink; TWX-Call You Later
 CUPID Computer for Uprange Point-of-Impact Determination
 CUR Command Uplink Request
 CURFCOE Common Usage RF Checkout Equipment

CV Aircraft Carrier; Check Valve; Coefficient of Variation
 CVA Aircraft Carrier, Attack
 CVD Chemical Vapor Deposition
 CVE Controlled Visual Flight; Aircraft Carrier, Escort; Complex Vehicle Erector
 CVH Helicopter Aircraft Carrier
 CVHE Escort Carrier Helicopter
 CVL Aircraft Carrier, Light
 CVR Cockpit Voice Recorder
 CVS ASW Aircraft Carrier; Continuous Vent System
 CVT Convertiplane
 CVU Constant Voltage Unit
 CW Clockwise; Carrier Wave; Chemical Warfare; Continuous Wave; Constant Wear
 CW ACQ Continuous Wave Acquisition Radar (Radar) (or CWAR)
 CWE Current Working Estimate; Caution and Warning Equipment
 CW ILL Continuous Wave Illumination Radar
 CWO Continuous Wave Oscillator
 CW Radar Continuous Wave Radar
 C&WS Caution & Warning System
 CWT Hundredweight
 CWTD Continuous Wave Target Detection
 CWU Caution and Warning Unit
 CX Control Transmitter; Complex
 CXR Coaxial Contrarotating Rotor
 CY Calendar Year; Cubic Yard
 CYBORG Cybernetic Organism
 cyl Cylinder
 CZ Canal Zone; Combat Zone
D
 DA Double Amplitude
 D/A Digital to Analog(ue)
 DABS Discrete Address Beacon System
 DAC Digital to Analog(ue) Computer; Digital to Analog Converter; Data Acquisition Camera
 DACOR Data Correlator
 DACS Digital Acquisition and Control System
 DAD Double Amplitude Displacement
 DADE Digital Acquisition and Documentation Equipment
 DAE Data Acquisition Equipment
 DAEMON Data Adaptive Evaluator and Monitor
 DAI Death from Accidental Injuries; Discrete Activity Indicator
 DAIS Digital Airborne Information System
 DALO Disconnect at Lift-Off
 DAMS Defense Against Missile Systems
 daN Decanewton
 DAP Digital Auto-Pilot
 DAQC Data Acquisition Center
 DAR Deficiency Action Report
 DARE DOVAP Automatic Reduction Equipment
 DART Directional Automatic Realignment of Trajectory; Decomposed Ammonia Radioisotope Thruster

DAS	Data Automation System; Data Acquisition Subsystem; Digital Address System; Data Automation Subsystem	DEB	Dispersed Emergency Base
DASH	Destroyer Anti-Submarine Helicopter; Drone Anti-Submarine Helicopter	dec	Declination
DAT	Design Acceptance Test	DECA	Display/AGAP Electronic Control Assembly; Descent Engine Control Assembly
DATAAC	Defense & Tactical Armament Control	DECM	Defence Electronic Countermeasures System
DATAR	Digital Automatic Tracking & Remoting	DECOM	Telemetry Decommutators; Decommutator
DATICO	Digital Automatic Tape Intelligence Check-Outut	DECOR	Digital Electronic Continuous Ranging
DATP	Detailed Acceptance Test Procedure	DED	Diesel Engine Driven
DATS	Dynamic Accuracy Test Set; Detailed Acceptance Test Specification	DEDA	Data Entry & Display Assembly
DAU	Data Acquisition Unit	DEE	Digital Events Evaluator; Digital Evaluation Equipment
DAVC	Delayed Automatic Volume Control	DEER	Directional Explosive Echo Ranging
DAVID	Defense of Airborne Vehicles in Depth	def	Defence
DAWVG	Dynamic Air War Game	DEFCON	Defense Readiness Condition
DB	Deadband; Depth Bomb; Day Bombardment; Design Burst	deg	Degree
db	Decibel	DEL P	Delta Pressure
D/B	Decimal to Binary	DEL V	Delta Velocity
DBB	Detector Back Bias	dem	Demodulator
DBCUI	Data Bus Control Unit	DEMON	Demodulated Noise
dbl	Double	DEP	Departure; Deflection Probable Error
dBm	Decibel Meter	DE/Q	Design Evaluation/Qualification
dBW	Decibels with respect to one watt	des	Descent
DC	Data Centre; Damage Control; Depth Charge; Dual Capable; Display Console; Discrepancy Check; Direction Cosine	desig	Designation
D/C	Data Conversion	dest	Destruct
d.c.	Direct Current	DESYN	De-Synchronize
D&C	Display and Control	DEU	Display Electronics Unit
DCA	Digital Command Assembly	dev	Development
DCC	Damage Control Center; Display Control Console	DEW	Distant Early Warning; Dewpoint
dcd	Decoder	DEWIZ	Distant Early Warning Identification Zone
DCIB	Data Communication Buffer	DF	Direct Flight; Development Flight; Direction Finder; Drop Forge
DCN	Defence Communication Network; Design Change Notice	DFAW	Direct Fire Anti-Tank Weapon
DCP	Disaster Control Plan	DFC	Dual Feed Coupler
DCPS	Dynamic Crew Procedures Simulator	DFI	Development Flight Instrumentation
DCS	Data Control System; Digital Command System; Damage Control System	DFR	Dual Frequency Received
DCT	Disaster Control Team	DFRL	Differential Relay
DCTL	Direct Coupled Transistor Logic	DFS	Dynamic Flight Simulator
DCU	Digital Control Unit	DFT	De-Aerating Feed Tank; Direct Flight Test; Design Feasibility Test
DD	Deep Drawn; Department of Defense; Double Drift	DFTI	Distance From Threshold Indicator
DDA	Digital Differential Analyzer; Differential Digital Analysis	DG	Directional Gyro
DDAS	Digital Data Acquisition System	DGBC	Digital Geoballistic Computer
DDCS	Digital Data Calibration System	DGU	Directional Gyro Unit
DDD	Digital Display Driver; Detail Data Display (F-14A)	DH	Decision Height
DDM	Difference in Depth of Modulation	DHC	Data Handling Center
DDRS	Digital Data Recording System	DHDD	Digital High Definition Display
DDS	Data Display System; Deployable Defence System	DHE	Data Handling Equipment
DDT	Digital Demodulation Techniques	DHP	Developed Horsepower
DE	Direct Encounter; Display Electronics; Descent Engine; Deflection Error; Design Engineering	DHSS	Data Handling Sub-System
DEA	Display Electronics Assemblies	DI	Discrete Input; Demand Indicator; De-Icing; Direction Indicator
deact	Deactivation	dia	Diameter
		diag	Diagram
		DIAN	Decca Integrated Airborne Navigation System
		DIANE	Digital Integrated Attack & Navigation Equipment
		DIC	Data Insertion Converter

DICBM	Defence Intercontinental Ballistic Missile	DPF	Differential Pressure Feedback
DICORAP	Directional Controlled Rocket Assisted Projectile	DP Hardness	Depth of Penetration Hardness
DIDS	Digital Information Display System	dpl	Dipole
DIFAR	Directional Frequency Analysis and Recording	DPLCS	Digital Propellant Level Control System
DIGACC	Digital Guidance and Control Computer	dply	Deploy
DIG COM	Digital Computer	DPM	Disintegration Per Minute; Dual Purpose Missile
DIGICOM	Digital Communications System	DPR	Depolymerized Rubber
DIGITAC	Digital Tactical Automatic Control	DPS	Data Processing System; Descent Power System; Data Processing Standards; Descent Propulsion System
DIGS	Delta Inertial Guidance System	DP&S	Data Processing & Software
DILS	Doppler-Inertial-Loran System	DPST	Double Pole Single Throw
DIMAMS	Digital Integrated Multiplexed Armament Management System	DP SW	Double Pole Switch
DIMUS	Digital Multibeam Steering	DPU	Design Proof Unit
DIN	Digital Input	DR	Data Receiver; Data Reduction; Degrees Rankine; Demolition Rocket; Discrepancy Report; Discrepancy Record
DIOI	Digital Input/Output Interface	D/R	Dead reckoning; Down range; Data Receiver
DIRCOL	Direction Cosine Linkage	DRA	Dead Reckoning Analyzer
DIU	Digital Interface Unit	DRADS	Degradation of Radar Defense Systems
dkm	Decametre	DRC	Data Reduction Center
DXA DL	Down Link; Data Link	DRED	Data Router and Error Detection
DLC	Dynamic Load Characteristics; Direct Lift Control	DREG	Data Regulations
DL&E	Design Limit and Endurance	drg	Drogue
DLG	Destroyer Leader Guided Missiles	DRI	Descent Rate Indicator; Dynamic Response Index
DLK	Data Link	DRID	Direct Readout Image Dissector
DLS	DME-Based Landing System	DRIFT	Dynamic Reliability Instantaneous Forecasting Technique
dlvd	Delivered	DRIR	Direct Readout Infrared
DM	Decimeter; Dummy Missile	DRM	Data Recording Management; Design Reference Model
DMA	Direct Memory Access	Drone Drone	Defined as a pilotless flight vehicle automatically controlled and recoverable
DME	Distance Measuring Equipment	DROS	Direct Readout Satellite
DMEC	DME on C-Band	DRS	Data Requirements Specification; Data Receiving Station; Data Reduction System
DMIRR	Demand Mode Integral Rocket Ramjet	DRSS	Data Relay Satellite System
dml	Demolition	DRUL	Downrange Up Link
DMLS	Doppler MLS	DRW	Defensive Radio Warfare
dmn	Dimension; Dimensional	DS	Data Sheet; Direct Support; Descent Stage
DMPI	Desired Mean Point of Impact	DSAP	Data Systems Automation Program
DMR	Defective Materiel Report	DSAR	Data Sampling Automatic Receiver
DmZ	Demilitarized Zone	DSB	Double Sideband
DMU	Dual Purpose Maneuvering Unit	DSC	Dynamic Standby Computer
dnr	Downrange	DSCC	Deep Space Communications Complex
DNS	Doppler Navigation System	dscrm	Discrimination
DO	Draw Out; Discrete Output	DSCS	Defence Satellite Communications System
D/O	Drop Out	DSE	Data Storage Equipment
DOB	Dispersion Operational Base; Depth of Burst	DSEA	Data Storage Electronics Assembly
DOC	Direct Operating Cost	DSI	Data Submitted Information
DOD	Department of Defense	DSIF	Deep Space Instrumentation Facility
DOF	Direction of Flight; Degree(s) of Freedom	dsky	Display Keyboard
DOI	Descent Orbit Insertion	DSM	Digital Simulation Model; Digital Select Module
DOM	Data Output Multiplexer	DSN	Deep Space Network
DOPLOC	Doppler and Lock	dsnt	Descent
DOUSER	Doppler Unbeamed Search Radar	DSS	Deep Space Station; Digital Storage Subsystem
DOVAP	Doppler Velocity & Position	DSU	Direct Support (Supply) Unit
DP	Double Pole; Diametral Pitch; Dual Purpose		
DPC	Data Processing Control; Data Processing Center		
DPDM	Double Pulse Duration Modulation		
DPDT	Double-Pole Double-Throw		
DPE	Data Processing Equipment		

D system The double-drift method of determining wind direction

DT Delayed Time; Dispersion Time; Displacement Transducer; Drop Tank

DTA Differential Thermal Analysis

DTAS Digital Transmission and Switching System

DTC Data Transmission Center

DTE Data Transmission Equipment; Digital Television Equipment

DTF Data Transmission Feature

DTL Diode-Transistor Logic

DTMS Digital Test Monitoring System

DTO Detailed Test Objective

DTP Detailed Test Plan

DTR Digital Tape Recorder

DTRM Double (or Dual) Thrust Rocket Motor

DTS Data Transmission System

DT/TM Delayed Time/Telemetry

DTU Data Transmission Unit

DTV Dynamic Test Vehicle

DU Display Unit; Distribution Unit

DUA Digital Uplink Assembly

DV Direct Valve; Differential Velocity; Direct Vision; Digital Video; Delta Velocity

DVD Delta Velocity Display

DVFR Defense Visual Flight Rules

DVOR Doppler VOR

DVM Digital Voltmeter

DVT Design Verification Testing

dvtl Dovetail

dwg Drawing

dwn Down

dyn Dynamic

dyno Dynamometer

DZ Drop Zone

E

E Modulus of Elasticity

EA Experiment Assembly; Enemy Aircraft; Earphone Amplifier

EADI Electronic Attitude Director Indicator

EAGLE Elevation Angle Guidance Landing Equipment

EAL Estimated Average Life

EAR Electronically Agile Radar

EAS Equivalent Airspeed; Estimated Airspeed

EASE Electrical Automatic Support Equipment

EAT Expected Approach Time

EAX Electronic Automatic Exchange

EB Electron Beam; Equipment Bay

EB Control External Burning Control

EBF Externally Blown Flaps

EBMD Electron Beam Mode Discharge

EBS Emergency Broadcasting System; Electron Bombardment Silicon

EB (Welding) Electron Beam (Welding)

EC Environmental Chamber; Environmental Control

E/C Environmental Chamber

ECA Electronic Control Assembly

ECAN Electronic Calibration and Normalization

ECC Engineering Critical Component

ECCM Electronic Counter-Counter-Measures

ECD Entry Corridor Display; Estimated Completion Date

ECE Electrical Checkout Equipment

ECF Electrically Conductive Film

ECG Electrocardiograph; Effective Center of Gravity

ECI Electrical Circuit Interrupter

ECID Enroute Computer Identification

ECL Equipment Component List

ECLSS Environmental Control Life Support Subsystem

ECM Electronic Counter-Measures; Engine Condition Monitoring

ECO Engine Cutoff; Electron Coupled Oscillator

ECOM Electronic Command

ECP Engineering Change Proposal

ECS Environmental Control System; Experimental Communications Satellite (NASA); Engine Control System

ECT Evans Clean Flow Tunnel; Engine Cutoff Timer

ECU Environmental Control Unit

ED Explosive Devices

EDA Electronic Digital Analyzer

EDB Emergency Dispersal Bases

EDC Error Detection and Correction; Estimated Date of Completion

EDD Estimate Delivery Date

EDITAR Electronic Digital Tracking and Ranging

EDM Electrical Discharge Machining; Electric Drive Mechanism

EDP Emergency Defence Plan; Electronic Data Processing

EDPE Electronic Data Processing Equipment

EDPM Electronic Data Processing Machine

EDPS Electronic Data Processing System

EDR Equivalent Direct Radiation

EDS Emergency Detection System; Explosive Device System; Error Detection System

EECOM Electrical, Environmental, and Communications

EEG Electroencephalograph

EED Electro-Explosive Device

EEI Electrical & Electromagnetic Interference; Essential Element of Information

EEM Earth Entry Module; Effective Explosive Method; Engineering Evaluation Model

EEOED Emergency Earth Orbital Escape Device

EER Explosive Echo Ranging

EES Electronic Emission Security

EET Equivalent Exposure Time

EF Elevation Finder; Emitter Follower

EFAS Electronic Flash Approach System

EFH Earth Far Horizon

EFL Equivalent Focal Length

EFC Equipment Functional Check

EFPD Effective Full Power Days

EFSSS Engine Failure Sensing and Shutdown System

EGADS

ABBREVIATIONS AND ACRONYMS

EGADS	Electronic Ground Automatic Destruct System	EMU	Extravehicular Maneuvering Unit
EGECON	Electronic-Geographic Coordinate Navigation System	EMV	Electromagnetic Velocity
EGIL	Environmental, General Instrumentation, Life Support	ENCOMS	Engine Control Monitoring System
EGMT	Elapsed Greenwich Mean Time	ENH	Earth Near Horizon
EGRESS	Emergency Global Rescue, Escape & Survival Systems	ENR	Effective Noise Resistance
EGSE	Electrical Ground Support Equipment	ENT	Exhaust Nozzle Temperature
EGT	Exhaust Gas Temperature	env	Envelope
EGV	Exit Guide Vane	envr	Environmental
E-H	Electro-Hydraulic	EO	Earth Orbit; Electro-Optical
EHA	Electrical Harness Assembly	EOD	Explosive Ordnance Disposal
EHD	Electrohydrodynamics; Electrohydrodynamic Power Generation	EOG	Electro-Oculograph
EHF	Extremely High Frequency	EOI	Earth Orbit Insertion
EHM	Engine Health Monitoring	EOL	Earth Orbit Launch
EHP	Electric Horsepower	EOLM	Electro-Optical Light Modulator
EHT	Extra High Tension	EOM	Earth Orbital Mission; End of Mission
EHV	Extra High Voltage	EOMA	Emergency Oxygen Mask Assembly
EI	Emission Index; Electronic Interface	EOP	Emergency Oxygen Pack
EIRP	Effective Isotopic Radiated Power; Effective Instantaneous Radiated Power	EOPF	End of Powered Flight
EKG	Electrocardiograph	EOR	Earth Orbit Rendezvous; Electro-Optical Research; Explosive Ordnance Reconnaissance
elec	Electric	EOS	Earth Observation Satellite (NASA); Emergency Oxygen System; Earth-to-Orbit Shuttle; Equation of State
electr	Electronics; Electrolyte	EOSS	Earth Orbiting Space Stations
ELF	Extremely Low Frequency	EOT	End of Tape
ELINT	Electromagnetic Intelligence; Electronic Intelligence	EP	Explosion Proof; Electrical Power; Emergency Planning; Emergency Preparedness; Experiment Package
ELME	Emitter Location Method	EPA	Earth's Polar Axis
ELS	Earth Landing System	EPC	External Pilot Check
ELSA	Environmental Life Support Assembly	EPCO	Emergency Power Cutoff
ELSE	Electrical Launch Support Equipment	EPD	Electronic Proximity Detector
ELSIE	Emergency Life Saving Instant Exit System	EPD&C	Electrical Power Distribution and Control
ELSS	Environmental Life Support System; Extravehicular Life Support System	EPDCS	Electrical Power Distribution and Control System
ELSSE	Electronic Sky Screen Equipment	EPDS	Electrical Power Distribution System
ELT	Emergency Locator Transmitters	EPE	Electronic Parts and Equipment
ELV	Earth Launch Vehicle	EPIC	Electronic Properties Information Center
EM	Erasable Memory; Electromagnetic	EPL	Emergency Power Level
EMB	Experimental Model Basin	EPNL	Effective Perceived Noise Level
EMC	Electromagnetic Compatibility	EPO	Earth Parking Orbit
EMD	Entry Monitor Display; Engine Management Display	EPR	Engine Pressure Ratio; Essential Performance Requirements
EME	Environmental Measurement Experiment	EPS	Electrical Power System
emer	Emergency	EPU	Electrical Power Unit
EMF	Electromotive Force	EPUT	Events Per Unit Time
EMG	Electromyograph	E/Q	Energy per unit charge
EMGE	Electronic Maintenance Ground Equipment	ER	Emergency Rescue
EMI	Electromagnetic Interference	ERASER	Elevated Radiation-Seeking Rocket
EMIRB	Emergency Position Indicating Beacon	ERBM	Extended-Range Ballistic Missile
EML	Equipment Modification List	ERFDP	Earth Resources Flight Data Processor
EMM	Electromechanical Mockup	erg	Electroretinograph; Unit of work or energy
EMP	Electromagnetic Pulse	ERGS	Earth Geodetic Satellite (USAF)
EMPIRB	Emergency Position Indicating Radio Beacon	ERM	Earth Return Module
EMR	Engine Mixture Ratio	ERMA	Expansion Rate Measuring Apparatus
EMSS	Emergency Mission Support; Experimental Man Space Station	EROS	Earth Resources Observation Satellite; Earth Resources Observation System
EMT	Electrical Mate Test	EROWS	Expendable Remote Operating Weather Station
EMTIF	Equivalent Mean Time to Failure		

ERP	Effective Radiated Power; Eye Reference Point	F/A	Field Activities; Fuel/Air; Forward/Aft
ERS	Earth Recovery Subsystem; Earth Resources Satellite; Emergency Relocation Site; Equipment Record System	FAA	Federal Aviation Agency
ERT	Extended Range Telescope	FAAR	Forward Area Alerting Radar
ERTS	Earth Resources Technology Satellite	FAB	Aeronautical Broadcast Station
ERU	Earth Rate Unit (15 Degrees/Hour)	FAC	Forward Air Controller
ESA	European Space Agency; Explosive Safe Area	FACI	First Article Configuration Inspection
esc	Escape	FACP	Forward Air Control Post
ESE	Electrical Support Equipment; Electronic Support Equipment	FACF	Flight Acceptance Composite Test; Flexible Automatic Circuit Tester
ESG	Electrically Suspended Gyro	FAE	Fuel Air Explosives; Final Approach Equipment
ESHP	Equivalent Shaft Horsepower	FAF	Final Approach Fix
ESI	Electronic System Integration	FAGC	Fast Automatic Gain Control
ESM	Electronic Support Measures; Electronic Warfare Support Measures	FAI	First Article Inspection; Flight Anomaly Investigation
ESMR	Electrically Scanning Microwave Radiometer	FAO	Finish All Over
ESMU	Electronic Systems Mockup	FAP	Flight Acceptance Profile
ESP	Engine Service Platform; Extravehicular Support Package	FAQ	Fair Average Quality
ESR	Electron Spin Resonance	FAR	Fuel-Air Ratio; Federal Aviation Regulation
ESS	Experiment Support System	FARC	Fast Accurate Refraction Correction
ESSA	Environmental Survey Satellite	FASTAR	Frequency Angle Scanning; Tracking & Ranging
ESV	Emergency Shutoff Valve; Earth Satellite Vehicle	FAT	Factory Acceptance Test
ESWS	Earth Satellite Weapon Systems	FAWS	Flight Advisory Weather Service
E/T	Escape Tower	FAX	Facsimile Transmission; Fuel Air Explosives; Aeronautical Fixed Station
ETA	Estimated Time of Acquisition; Estimated Time of Arrival	FB	Fuse Block; Fighter Bomber
ETC	Estimated Time of Completion; Earth Terrain Camera	FBA	Fighter Bomber Aircraft
ETD	Electrical Terminal Distribution; Estimated Time of Departure	F B/A	Fighter Bomber Attack
ETG	Electrical Thermal Generators	FBH	Front Bearing Housing
ETHO	Ethylene Oxide	FBRL	Final Bomb Release Line
ETO	Estimate Takeoff	FBV	Fuel Bleed Valve
ETV	Engineering Test Vehicle	FBW	Fly By Wire
EUV	Extreme Ultraviolet	FC	Fighter Controller; Firing Console; Fire Control; Flight Control; Flight Controller; Fuel Cell
eV	Electron Volt	FCA	Frequency Control Analysis; Field Change Analysis
EV	Extravehicular; Explosive Valve	FCC	Flight Control Computer
EVA	Extravehicular Activity	FCE	Fire Control Equipment; Flight Crew Equipment
EVM	Evacuation Mission; Earth Viewing Module	FCL	Fuel Cell
EVS	Extravehicular System	FCM	Flight Combustion Monitor
EVSS	Extravehicular Space Suit	FCMD	Fire Command
EVT	Extravehicular Transfer; Effective Visual Transmission	FCMS	Flight Crew Mission Simulator
EW	Electronic Warfare; Early Warning	FCO	Functional Checkout; Fire Control Operation
EWAD	Early Warning Air Defence	FCOC	Fuel Cooled Oil Cooler
EWASER	Electromagnetic Wave Amplification by Simulated Emission of Radiation	FCOS	Flight Computer Operating System; Flight Control Operating System
EWR	Early Warning Radar	FCP	Forward Command Post; Fuel Cell Power Plant
ext	Extinguish; Extend; External	FCPPS	Fuel Cell Power Plant System
EZ	Electrical Zero	FCR	Fire Control Radar
	F	FCS	Fire Control System; Flight Control System
F	Fahrenheit	FCT	Flight Crew Trainer; Fraction Thereof
f	Frequency	FCU	Fuel Consumption Unit
FA	Failure Analysis; Fighter Alert; Field Artillery; Friendly Aircraft; Aeronautical Station; Fully Automatic	FCZ	Forward Combat Zone
		FD	Frequency Distribution; Flight Director
		F/D	Full Duplex
		F&D	Fill and Drain
		FDA	Fault Detection & Annunciation
		FDAI	Flight Director Attitude Indicator
		FDB	Fahrenheit Dry Bulb

FDC

ABBREVIATIONS AND ACRONYMS

FDC	Fire Direction Centre	FLEA	Flux Logic Element Array
FD & E	Fire Detection & Extinguishing System	FLI	Flight Leader Identification
FDI	Flight Director Indicator	FLIP	Flight Launched Infrared Probe; Flight Information Plans; Floating Instrument Platform
FDIIR	Fault Detection, Isolation, Identification & Recompensation	FLIR	Forward Looking Infrared
FDM	Frequency Division Multiplex	FLM	Flight Line Maintenance
FDP	Forward Defence Post; Flight Data Processing	FLOS	Fixed Line of Sight
FDR	Feeder; Flight Data Recorder	FLOX	Fluorine-Liquid Oxygen
F DR	Fire Door	FLR	Forward Looking Radar
FDRI	Flight Director Rate Indicator	FM	Field Maintenance; Frequency Modulation; Flowmeter; Frequency-Modulated
FDS	Fluid Distribution System; Flare Detection System	FMA	Failure Mode Analysis; Forward Maintenance Area
FDSU	Flight Data Storage Unit	FMC	Forward Motion Compensation
FEA	Failures Effects Analysis	FMCW	Frequency Modulated Continuous Wave
FEAT	Final Engineering Acceptance Test	FME	Field Maintenance Equipment
FEB	Flying Evaluation Board	FMEA	Failure Mode & Effects Analysis
FEBA	Forward Edge of Battle Area	FMFB	Frequency Modulation with Feedback
FEBS	Functional Electronic Blocks	FMICW	Frequency-Modulated Interrupted Continuous Wave
F/Eng	Flight Engineer	FM Radar	Frequency Modulated Radar
FEP	Front End Processor	FMS	Force Measuring System
FES	Fine Error Sensor	FMU	Functional Mockup
FET	Field Effect Transistors	FMX	FM Transmitter
FF	Flip-Flop; Folding Fin	FNH	Flashless, Non-Hygroscopic
FFAR	Forward Firing Aircraft Rocket; Folding-Fin Aircraft Rocket	FNP	Fusion Point
FFC	Final Flight Certification	FO	Fuel Oil; Fail Operational
FFD	Functional Flow Diagram	F/O	Fuel-to-Oxidizer
FFI	Fuel Flow Indicator	FOBS	Fractional Orbit Bombardment System
FFR	Free Flight Rocket	FOD	Foreign Object Damage
FFT	Fast Fourier Transform	FO/FS	Fail Operational/Fail Safe
FFTV	Free Flight Test Vehicle	FOM	Figure of Merit
FGA	Fighter Ground Attack	FOV	Field of View
FH	Flat Head	FPA	Flight Path Angle
FHF	First Horizontal Flight	FPB	Fuel Preburner
FHP	Friction Horsepower	FPI	Fuel Pressure Indicator
FI	Fighter Interceptor	FPIS	Forward Propagation Ionospheric Scatter
F/I	Field Intensity	FPM	Feet Per Minute
FIC	Flight Information Centre; Frequency Interference Control	fprf	Fireproof
FIDO	Fog, Intensive, Disposal of; Fog Intensive Dispersal Organization	FPTS	Forward Propagation Tropospheric Scatter
FIFO	First In First Out	FR	Flight Refuelling
FIMATE	Factory-Installed Maintenance Automatic Test Equipment	FRAP	Fire Rescue Air Pack
FIP	Fuel Injection Pressure	FRD	Failure Rate Data; Flight Readiness Demonstration
FIR	Flight Information Region	FREDI	Flight Range and Endurance Data Indicator
FIREX	Fire Extinguishing System	FRESCANNAR	Frequency Scan Radar
FIS	Flight Information Service	FRM	Fibre Reinforced Materials
FIST	Fault Isolation by Semiautomatic Techniques; Field Intelligence Simulation Test	FRP	Fibre Reinforced Plastic; Fiberglass Reinforced Plastics
FK	Faker Track	FRT	Flight Readiness Test
FL	Full Lift; Fluid; Fuel; Flashing Light; Flight Levels; Focal Length; Flame	FSC	Forward Scatter
F/L	Full Load; Flight Lieutenant	FSD	Fuel Supply Depot
FLAR	Forward Looking Airborne Radar	FSK	Frequency Shift Key; Frequency Shift Keying
FLARE	Flight Anomalies Reporting	FSN	Federal Stock Number
FLB	Flight Line Bunker	FSR	Field Service Report; Final System Run
FLC	Flight Crew	FSS	Fine Sun Sensor; Forward Scatter System
		FST	Forged Steel
		FSTV	Full Scale Test Vehicle
		FSU	Full Scale Unit

FT	Firing Table; Flow Transformer
FTA	Flight Test Article
FTC	Fast Time Constant
FT-C	Foot-Candle
FTE	Factory Test Equipment
FTI	Flight Test Instrumentation
FTIS	Flight Test Instrumentation
FT-L	Foot-Lambert
FTM	Flight Test Missile
Ft/Min	Feet Per Minute
FTO	Functional Test Objective
FTP	Fixed Throttle Point; Functional Test Procedure; Full Throttle Position
FTS	Frequency & Timing Subsystem; Flight Telemetry Subsystem; Functional Test Specification
Ft/Sec	Feet Per Second
FTU	Flight Test Unit; Fuel Transfer Unit
FTV	Flight Television
FU	Firing Unit; Forecast Upper Air
FUS	Far Ultraviolet Spectrometer
FVF	First Vertical Flight
FW Aircraft	Fixed Wing Aircraft
FWB	Fahrenheit Wet Bulb
FWD	Forward
FWHM	Full Width at Half Maximum
FWR	Full Wave Rectifier
FWS	Filter Wedge Spectrometer
FWT	Fair Wear and Tear
FWTT	Fixed Wing Tactical Transport
fx	Facsimile
FY	Fiscal Year

G

G (metallurgy)	A fracture toughness parameter derived from tensile tests on pre-cracked specimens.
g	Acceleration due to gravity (often G in aerospace medicine); Gram
GA	Gage; Gimbal Angle; Glide Angle; General Alert; Ground Attack
g/a	Glide Angle
G & G	General & Administrative Overhead
GAINS	Gimballess Analytic Inertial Navigation System
GAMMA	105 Gauss
gal	Gallon(s); Galactic
GAM	Ground-to-Air Missile; Guided Aircraft Missile
GAPA	Ground to Air Pilotless Aircraft
GAR	Guided Aircraft Rocket
GASER	Gamma-Ray Laser
GAS GEN	Gas Generator
GASP	Global Atmospheric Sampling Program
GAT	Ground/Air Transmitter; General Air Traffic; Greenwich Apparent Time
GB	Glide Bomb
GBL	Government Bill of Lading
GBR	Gun Bomb Rocket
GBS	Gas Bearing System; Gas Bio-Assay System

GC	Gigacycles (100 Mega Cycles); Great Circle; Gimbal Case; Guidance Computer
G & C	Guidance and Control
GCA	Ground Control Approach; Ground Controlled Approach
g-cal	Gram-Calorie
G & CC	Guidance and Control Coupler
GCD	Greatest Common Divisor
GCI	Ground Control Interceptor
GCL	Ground Controlled Landing
GCO	Guidance Cut-off
GCR	Ground Controlled Radar
GCS	Ground Communications System
GCSC	Guidance Control and Sequencing Computer
GCT	Greenwich Civil Time
GCTA	Ground Controlled Television Assembly
GCTS	Ground Communications Tracking System
GCU	Generator Control Unit; Gyro Coupling Unit
GDA	Gun-Defended Area; Gimbal Drive Assembly
GDC	Gyro Display Coupler
GDHS	Ground Data Handling System
Ge	Germanium
G & E	Ground & Environmental
GECO	Guidance Engine Cut-Off
Gee	A medium-distance radio navigation system or aid
GEJ	Gaseous Ejection
GEM	Ground Effect Machine
GEOREF	(World) Geographic Reference System
GEOS	Geodetic Earth Orbiting Satellite (NASA); Geostationary Earth-Orbiting Satellite (ESRO)
GET	Ground Elapsed Time
GETI	Ground Elapsed Time of Ignition
GETOL	Ground Effect Take-Off and Landing
GEV	Ground Effect Vehicle
GeV	Gigaelectron Volts
GFA	Gun Fire Area
GFAE	Government Furnished Aircraft Equipment
GFC	Gas Filter Correlation
GFE	Government Furnished Equipment
GFM	Government Furnished Material
GFP	Government Furnished Property
GFR	Gap-Filled Radar; Glass Fiber Reinforced
GFST	Ground Fuel Start Tank
GFY	Glider Flying
GGR	Ground Gunnery Range
GGs	Aircraft Gaseous System; Gyro Gunsight
GGSE	Gravity Gradient Stabilization Experiment
GHA	Greenwich Hour Angle
GHE	Ground Handling Equipment
GHQ	General Headquarters
GHz	Gigahertz
GI	Government Issue
GIDEP	Government Industry Data Exchange Program
GIMU	Gimballess Inertial Measuring Unit
GIN	Gimballed Integral Nozzle

GIRLS

ABBREVIATIONS AND ACRONYMS

GIRLS	Generalized Information Retrieval & Listing System; General Indexing in Reciprocal Lattice Space	GPIP	Glide-Path Intercept Point
GL	Gimbal Limit; Gun Laying (Radar)	GPIR	General Photographic Interpretation Report
GLARE	Ground-Level Attack, Reconnaissance and Electronic Countermeasures	GPL	Geographic Position Locator
GLO	Ground Liaison Officer	GPM	Gallons Per Minute
GLOM	Gross Lift-Off Mass	GPR	General Purpose Radar
GLOPAC	Gyroscopic Low-Power Attitude Control	GPS	Global Positioning System, the U.S. NAVSTAR satellite navigation system; Gallons Per Second
GLOTRAC	Global Tracking (Uprange Systems)	GPSS	General Process Simulation System
GLOW	Gross Lift-Off Weight	GPWS	Ground Proximity Warning System
GLT	Guide Light	GQA	Government Quality Assurance
gly	Glycol	GR	Grade; Grain; General Reconnaissance; Gunnery Range; Gamma Ray Spectrometer
GM	Greenwich Meridian; Guided Missile; Geiger-Mueller (Tube)	GRASP	Generalized Reentry Application Simulation Program
GMA	Gas Metal Arc	GRM	Global Range Missile
GMC	Ground Movement Control	GRP	Ground Relay Panel; Glass Reinforced Plastic
GCMC	Guided Missile Countermeasure	GRT	Gross Registered Tons
GME	Gimbal Mounted Electronics	GRWT	Gross Weight
G-METRE	Gram-Metre	GS	Ground Station; Ground Speed
GMR	Ground Mapping Radar	G/S	Gravity Per Second
GMS	Ground Maintenance Support	GSCU	Ground Support Cooling Unit
GMT	Greenwich Mean Time	GSE	Ground Support Equipment; Geocentric Solar Ecliptic (Coordinate System)
G & N	Guidance and Navigation	gskt	Gasket
GNC	Guidance and Navigation Computer	GSM	General Situation Map; Geocentric Solar Magnetospheric
GN&C	Guidance, Navigation and Control	GSP	Guidance Signal Processor
GNCS	Guidance, Navigation and Control System	GSP-R	Guidance Signal Processor-Repeater
gnd	Ground	GSR	Galvanic Skin Response
GNE	Guidance and Navigation Electronics	GSS	Global Surveillance System; Ground Support Systems
GNP	Gross National Product	GSSC	Ground Support Simulation Computer
G & NS	Guidance and Navigation System	GST	General Service Test; Greenwich Sidereal Time; Ground Sensor Terminal
GNT	Ground Test	GSV	Guided Space Vehicle
GOAL	Ground Operations Aerospace Language	GT	Ground Transmit
GOAS	Guidance Optical Alignment Shelter	GTA	Ground Test Article; Gas Tungsten Arc
GOCO	Government Owned, Contractor Operated	GTC	Gain Time Control
GOE	Ground Operational Equipment	GTD	Gas Turbine Density
GOES	Geostationary Operational Environmental Satellite	GTE	Ground Transport Equipment
GOGO	Government Owned, Government Operated	GTG	Gas Turbine Generator
GOR	General Operational Requirements	GTM	Ground Test Missile
GOS	General Operating Specification	GTO	Gate Turn-Off
gov	Governor	GTOW	Gross Take-Off Weight
govt	Government	GTP	General Test Plan
GOX	Gaseous Oxygen	GTS	Gimbal Trim System; Gas Turbine Starter
GP	General Purpose; Geographic Position; Glide Path; Galactic Probe	GTV	Ground Test Vehicle; Guided Test Vehicle
G-P	Gas Persistent	GTW	Gross Take-Off Weight
GPAS	General Purpose Airborne Simulator	gv	Gigavolt
GPATS	General Purpose Automatic Test System	GVHRR	Geosynchronous Very High Resolution Radiometer
GP Bomb	General Purpose Bomb	GVST	(Deceleration Units of) Gravity Versus Time
GPC	General Purpose Computer	GVSV	(Deceleration Units of) Gravity Versus Velocity
GPD	Gimbal Position Display; Gallons Per Day	GVT	Ground Vibration Test
GPES	Ground Proximity Extraction System	GW	Grid Wind; Ground Waves; Guided Weapon
gpf	Gasproof	GZ	Ground Zero
GPG	Grains Per Gallon		
GPH	Gallons Per Hour		
GPI	Gimbal Position Indicator; Glide Path Indicator; Ground Point of Intercept; Ground Position Indicator; General Purpose Inverter		

H

H	Horizontal; 'Heavy' in combinations only; 'Helicopter' in aircraft designations	HEAP	High Explosive Armor Piercing
HA	Herbane; High Altitude; Hour Angle	HEAR	Human Error Action Report
H/A	Hazardous Area	HEAT	High Explosive, Anti-Tank
HAA	High Altitude Above; Heavy Anti-Aircraft Artillery; Height Above Airport	HED	High Energy Detector
HAAW	Heavy Anti-Tank Assault Weapon	HEF	High Energy Forming; High Energy Fuel
HAB	Horizontal Assembly Building; High Altitude Bombing	HEI	High Energy Ignition; High Explosive Incendiary
HABS	High Altitude Bomb Sight	HEISD	High Explosive, Incendiary Self-destructed
HAD	Heat Actuated Device	HEIWT	High Explosive Incendiary with Tracer
HADES	Hypersonic Air Data Entry System; Hypersonic Air Density Entry System	HEL(a)	Helicopter
HALCON	High Altitude Long-Focus Convergent Mapping System	HELIOS	Heteropowered Earth-Launched InterOrbital Spacecraft
H and V	Heating and Ventilation	HELIPATH	Helicopter Position and Terrain Height
HAO	High Altitude Observatory	helo	Helicopter
HAOSS	High Altitude Orbital Space Station	H engine	An Internal-Combustion, Piston Engine
HAP	Hyroxylamine Perchlorate; High Altitude Platform	HEOS	Highly Eccentric Orbiting Satellite; Highly Elliptical Orbit Satellite
HARA	High Altitude Radar Altimeter Antenna	HEP	High Explosive Plastic
HARCO	Hyperbolic Area Coverage	HEPA	High Efficiency Particulate Air
HARP	High Altitude Research Program	HERF	High Energy Rate Forming
HASP	High Altitude Sampling Plane; High Altitude Sounding Projectile	HERO	Hazards of Electromagnetic Radiation to Ordnance
HAST	High Altitude Supersonic Target	HESD	High Explosive Self-Destroying
HAT	Height Above Touchdown	HESH	High Explosive, Squash Head (Ammunition)
HATS	High Altitude Terrain Contour Data Sensor; Helicopter Attack System	HESSES	High Energy Squib Simulators
hav	Haversine	HETS	High Energy Telescope System; High Environment Test System; Hyper-Environmental Test System
HAW	Heavy Assault Weapon	hex	Hexagon; Heat Exchanger
HB	Heavy Bomber; Heavy Bombardment; High Band	H/EX	Heat Exchanger
HBGM	Hypersonic Boost-Glide Missile	HF	Hold Fire; High Frequency; Height Finding; H/F (abbr.)
HBN	Hazard Beacon	H/F	Height Finder Radar; Human Factors
HBR	High Bit Rate	H.F	High-Altitude Fighter
HBW	High Bridgewire; High Speed Black and White Film	HFAS	High Frequency Antenna System
HC	Hand Control; Hexachlorochrome; High Capacity Bomb; High Carbon	HDF	High Frequency Direction-Finder
H/C(c)	Helicopter	HFRA	High Frequency Recovery Antenna
HCF	Hardened Compacted Fiber	HF/SSB	High Frequency Single Side Band
HCL	Horizontal Centre Line	HFT	Horizontal Flight Testing
HCMR	Heat Capacity Mapping Radiometer	HFX	High Frequency Transceiver
HCRO	High Cross Range Orbiter	HG	Hand Generator
HCS	Hydromechanical Control System; High-Carbon Steel	HGA	High Gain Antenna; Heat Generator Assembly
HCU	Hydraulic Cycling Unit	hgb	Hemoglobin
HD	Head(ing); Density Altitude	HGDS	Hazardous Gas Detection Systems
H & D	Hardened and Dispersed	hgr	Hangar
HDA	High Density Acid	HGRF	Hot Gas Radiating Facility
hdbk	Handbook	hgt	Height
HDD	High Density Data; Head-Down Display	HH	Handhole; Homing Head
HDF	High-Frequency Direction-Finding Station	hi	High
HDI	Horizon Flight-Direction Indicator	HIAD	Handbook of Instructions for Aircraft Designers
HDRSS	High Data Rate Storage System	HI ALT	High Altitude
hdw	Hardware	HIC	Humidity Indicator Controller
HE	Heavy Equipment; Handling Equipment; Human Engineering; High Explosive	HICAT	High Altitude Clear Air Turbulence
H/E	Heat Exchanger	HIDE	High-Absorption Integrated Defense Electromagnetic Warfare System
HEAO	High Energy Astronomy Observatory	HIG	High Integrating Gyroscope; Hermetically Sealed Integrating Gyro
		HIHAT	High Resolution Hemispherical Reflector Antenna Technique

HIPAR

HIPAR	High Power Acquisition Radar
HIPERNAG	High Performance Navigation System
HIPERNAS	High Performance Navigation System
HIPERTHINO	High Performance Throttleable Injector
HIPIR	High Power Illumination Radar
HIPR	High Pressure
HI PR	High Pressure
HIR	Hydrostatic Impact Rocket
HIRAN	Hi-Precision Short Range Electronic Navigation System
HIRD	High Intensity Radiation Device
HIRES	Hypersonic In-Flight Refueling System
HIRL	High-Intensity Runway Lights
HISAM	Surface-to-Air Missile 'High'
HISP	High Integrity Signal Processor
HIVAC	High Value Assest Control System
HIVDC	High Voltage Direct Current
HIVOS	High-Vacuum Orbital Simulator
H/K	Hunter Killer
HL	Horizontal Landing; High Low; High Level
HLH	Heavy Lift Helicopter
hm	Hectometre
HMG	Heavy Machine Gun
HMS	Hazards Monitoring System; Helmet Mounted Sight
hngr	Hangar
HNL	Hourly Noise Level
H/O	Hard over
HOB	Height of Burst
HOBS	High Orbital Bombardment System
HOGE	Hover Out-of-Ground Effect
HOJ	Home on Jamming
HOL	Higher Order Language
HOR	Heliocentric Orbit Rendezvous
HORSE	Hydrofoil Operated Rocket Submarine
HP	High Power; Horsepower; High Pressure; Horizontal Polarization
HPA	High Power Amplifier
HPAG	High Performance Air-to-Ground
HP	High Pressure Compressor
Compressor	
HP-DHA	High Purity Dual Hardness Armor
HPEW	High Powered Early Warning
HPF	High Pass Filter; Highest Probable Frequency
HPFP	High Pressure Fuel Pump
HPG	High Pressure Gas
HP-HR	Horsepower-Hour
HPI	High Performance Insulation; Homing Position Indicator
HPM	Mine Counter-Measures Helicopter
HPN	Heavy Primary Nuclei
HPOX	High Pressure Oxygen
HPR	High Powered Radar
HPRV	High Pressure Relief Valve
HPS	Hydraulic Power System
HPT	High-Pressure Test
HP Turbine	High Pressure Turbine

ABBREVIATIONS AND ACRONYMS

HPU	Hydraulic Pumping Unit; Hydraulic Power Unit
HQ	Headquarters
HR	Hot Photo-Intelligence Report; High Resolution; Hour
HRE	Hypersonic Research Engine
HRF	High Rate of Fire
HRI	Height-Range Indicator
HRIR	High Resolution Infrared Radiometer
HRIRS	High-Resolution Integrated Radiation Sounder
HRP	Human Reliability Program
HRS	Hot Rolled Steel
hrs	Hours
HRT	High Resolution Tracker
HRV	Hypersonic Research Vehicle
HS	Heat Sink; Heat Shield; High Speed
H/S	Heat Shield
H-S	Horizon Scanner
HSB	Helmet Stowage Bag
HSD	High Speed Data; Horizontal Situation Display
HSDL	High Speed Data Line
HSGT	High Speed Ground Transportation
HSI	Horizontal Situation Indicator; Heat Stress Index of Belding and Hatch; High Speed Interferometer
HSM	High Speed Memory
HSP	High Speed Printer
HSR	High Speed Reader
HSS	High Speed Steel
HT	Height; Heat; High Tension; Homing Type
H & T	Handling and Transportation
HTA	Heavier than Air
htg	Heating
HTO	Horizontal Take-Off
HTOHL	Horizontal Take-Off, Horizontal Landing
HTPB	Hydroxy-Terminated Polybutadiene
HTS	High-Tensile Steel
HT TR	Heat-Treat(ed)(ment)
HTTS	Hydroquench Thrust Termination System
HTV	Hypersonic Test Vehicle
HTXGR	Heat Exchanger
HUD	Head-Up Display
HUD/WAC	Head-Up Display Weapon Aiming Computer
HUDWAS	Head-Up Display and Weapon-Aiming System
HUFF-DUFF	High Frequency Direction Finder
HV	High Voltage
HVAC	Heating, Ventilation, Air Conditioning
HVAP	Hypervelocity (or High Velocity) Armour-Piercing
HVAR	High Velocity Aircraft Rocket
HVAT	High Velocity Anti-Tank
HVC	Hardened Voice Channel
HVDF	High and Very High Frequency Direction Finder
HVI	High Value Item
HVPS	High Voltage Power Supply
HW	Hot Wire; Headwind
HWT	Hypersonic Wind Tunnel
hwy	Highway
HX	Heat Exchanger

H/X Heat Exchanger
 hyd Hydraulic
 HYDAC Hybrid Digital-Analog(ue) Computer
 hydromet Hydrometeorological
 hygl Hypergolic
 HYLA Hybrid Language Assembler
 HYPERIGN Hypergolic Ignition
 Hz Hertz (Cycles Per Second)

I

I Iodine; Incendiary (Ammunitions); Interceptor
 IA Input Axis; Inverter Assembly
 IAA International Academy of Astronautics; International Aerospace Abstracts
 IAC Integration, Assembly and Checkout; Information Analysis Centre
 IACS Integrated Armament Control System
 IAGC Instantaneous Automatic Gain Control
 I and M Installation, Inspection and Maintenance
 IAS Indicated Air Speed; Internal Alignment Sensor; Information Acquisition System
 IASOR Ice and Snow on Runway
 IATA International Air Transport Association
 IAVC Instantaneous Automatic Volume Control
 IAZ Inner Artillery Zone
 IB Incendiary Bomb
 IBDA Indirect Bomb Damage Assessment
 IBECO Inboard Booster Engine Cutoff
 IBIT ICBM Blast Interference Test
 IBN Identification Beacon
 IBRL Initial Bomb Release Line
 IC Intercommunications; Information Centre; Interim Change; Instrumentation Controller; Inertial Component; Internal Connection; International Candle; Integrated Circuit; Incremental Cost; Intercomputer Channel
 I/C Intercom
 ICA Investigative and Corrective Action
 ICAO International Civil Aviation Organization
 ICARUS Intercontinental Aerospacecraft-Range Unlimited System
 ICBM Intercontinental Ballistic Missile
 ICBT Intercontinental Ballistic Transport
 ICC Intercomputer Communication Channel; Installation, Checkout & Calibration; Instrument Control Center
 IC & C Installation Calibration and Checkout
 ICDU Inertial Coupling Display Unit
 ICE Instrument Checkout Equipment; Internal Combustion Engine; Integration with Controlled Error
 ICG Inflight Coverall Garment
 ICGM Intercontinental Glide Missile
 ICM Instrumentation and Communication Monitor
 ICMR Instrument Calibration & Maintenance Record
 ICNI Integrated Communications Navigation and Identification
 ICOS Integrated Checkout System
 ICR Ion Cyclotron Resonance

ICS Instrument & Communication Subsystem; Integrated Checkout System; Intercommunication System
 ICTC Inertial Components Temperature Controller
 ICTE Inertial Component Test Equipment
 ICW In Compliance With; Interrupted Continuous Wave
 ID Inside Diameter; Image Dissector; Identification
 IDB Inertial Data Box
 IDBA Indirect Bomb Damage Assessment
 IDC Image Dissector Camera
 IDCS Image Dissector Camera System
 IDCSS Initial Defense Communications Satellite System
 ident Identification
 IDES Integrated Defence System
 IDF Interceptor Day Fighter
 IDG Integrated Drive Generator; Individual Drop Glider
 IDLT Identification Light
 IDM Interdiction Mission
 IDP Integrated Data Processing
 IDR Inspection Discrepancy Report
 IDSCS Initial Defense Satellite Communication System
 IE Ionospheric Explorer
 IEC Integrated Electronic Control; Integrated Equipment Component
 IECO Inboard Engine Cut-Off
 IEEE Institute of Electrical and Electronics Engineers
 IEEP Incapacitated Emergency Egress Practice
 IEIS Integrated Engine Instrument System
 IEU Interface Electronics Unit
 IF Intermediate Frequency
 I/F Interface
 IFA International Fighter Aircraft
 IFB Invitation for Bids
 IFC Independent Fire Control (Area); Inflight Calibration
 IFF Identification Friend/Foe
 IFL International Frequency List
 IF/MF Intermediate Frequency/Medium Frequency
 IFOV Instrument Field of View
 IFR Instrument Flight Rules; Intermediate Frequency Range
 IFRU Interference Frequency Rejection Unit
 IFS Integrated Flight System
 IFT In-Flight Test
 IGFET Insulated Gate Field Effect Transistor
 IGOR Intercept Ground Optical Recorder
 IGV Inlet Guide Vane
 IGY International Geophysical Year
 IHAS Integrated Helicopter Avionic System
 IHP Indicated Horsepower
 II Item Identification
 IIS Integrated Instruments System
 IJAJ Intentional Jitter Antijam
 IJJU Intentional Jitter Jamming Unit
 IL Inside Layer
 ILA Instrument Landing Approach
 ILAAS Integrated Light Attack Avionics System

ILAS	Instrument Landing Approach System; Instrument Low Approach System	IOP	In Orbit Plane
ILCA	Inverter Light Control Assembly	IOT	Initial Orbit Time
ILCCS	Integrated Launch Control and Checkout System	IP	Instrumentation Power; Identification Point; Identification of Position; Instructor Pilot; Initial Point; Impact Predictor; Impact Point
ILL	Illuminating (Ammunition)	I/P	Impact Predictor
ILM	Independent Landing Monitor	IPAD	Incoming Procurement Authorization Document
ILRV	Integral Launch and Re-Entry Vehicle; Integral Launch and Recovery Vehicle	IPC	Intermittent Positive Control; Information Processing Center
ILS	Instrument Landing System	IPD	Impact Prediction Data
ILSO	Incremental Life Support Operations	IPECS	Integrated Power & Environmental Control System
IM	Impulse Modulation; Intermediate Moisture; Intermodulation; Inspection Manual; Interceptor Missile; Instrumentman; Inner Marker; Inner Marker Beacon	IPI	Integrated Position Indicator
IMC	Image Motion Compensation; Instrument Meteorological Conditions	IPIR	Immediate Photographic Interpretation Report
IMCC	Image Motion Compensation and Calibration	IPL	Illustrated Parts List; Information Processing Language
IMEO	Inertial Mass in Earth Orbit	IPM	Interruptions Per Minute
IMG	Inertial Measurement Group	IPS	Instrumentation Power Supply; Inches Per Second; Inverter Power Supply
IMH	Inlet Manhole	IPW	Interrogation Prisoner of War
IMM	Independent Manned Manipulator; Integrated Material Management	IR	Illuminator Radar; Infrared; Instrument Reading; Interrogator-Responder
IMN	Indicated Mach Number	I & R	Interchangeability and Replaceability; Intelligence & Reconnaissance
IMP	Impulse; Impedance; Impact; Initial Military Program	IRA	Input Reference Axis
impq	Impregnate	IRACQ	Instrumented Range Acquisition
IMS	Inertial Measurement Set; International Military Staff	IRAD	Independent Research & Development
IMSR	Interplanetary Mission Support Requirements	IRAN	Inspection, Repair as Necessary
IMU	Inertial Measurement Unit	IRASERS	Infrared amplification by simulated emission of radiation
IN	Inertial Navigation	IRBM	Intermediate Range Ballistic Missile
inbd	Inboard	IRCM	Infrared Countermeasures
INC	Item Name Code	IR & D	Independent Research and Development
incand	Incandescent	IRFNA	Inhibited Red Fuming Nitric Acid
INCOS	Integrated Control System	IRG	Inertial Rate Gyro
INF	Interface; Interference; Interceptor Night Fighter; International Nuclear Forces	IRHD	International Rubber Hardness Degree
InM	Interception Mission	IRIG	Inertial Reference Integrating Gyro
INOP	Inoperable	IRIS	Infrared Interferometer Spectrometer
INS	Inertial Navigation System	IRLS	Infrared Landing System; Infrared Line Scan; Interrogation, Recording, and Location System
INSATRAC	Interception with Satellite Tracking	IRMLD	Infrared Missile Launch Detection
INSITE	Integrated Sensor Interpretation Techniques	IRP	Inertial Reference Package
inst	Institute	IRR	Intelligence and Radar Reporting Line; Infrared Radiometry
int	Interior; Internal	IRS	Inertial Reference System
INTELSAT	International Telecommunication Satellite Consortium	I & RS	Instrumentation and Range Safety
intercom	Intercommunications	IRSS	Instrumentation Range Safety System
intfr	Interference	IRSTS	Infrared Search-Track System
intk	Intertank	IRT	Interrogator-Responder-Transponder
INTREP	Intelligence Report	IRTRN	Infrared Transmission
intrstg	Interstage	IRU	Inertial Reference Unit
INTSUM	Intelligence Summary	IRV	Inter Range Vector
IO	Inspection Order; Intelligence Officer	IRVU	Infra-Red Vision Unit
I/O	Input/Output	IS	Instrumentation System
IOA	Input Output Address	ISA	International Standard Atmosphere
IOC	Initial Operational Capability; Integrated Optical Circuits	ISB	Intermediate Side Band
IOCS	Input Output Control System	ISC	Item Status Code
IOD	Integrated Observation Device	ISCO	Initial Systems Checkout
IODC	Input Output Data Channel	ISD	Initial Search Depth

ISDS	Inadvertent Separation Destruct System
ISLS	Interrogator Side Lobe Suppression
ISMLS	Interim Standard Microwave Landing System
ISO	Isotropic; Information Services Officer; International Standardisation Organisation
isol	Isolation
isom	Isometric
isoth	Isothermal
ISP	Impulse, Specific
ISR	Infrared Scanning Radiometer
ISS	Inertial Subsystem; Inertial Sensor System
IST	Integrated Systems Test; Inter-Station Transmission
ISV	Inlet Swirl Vane
IT	Insulating Transformer; Interrogator-Transponder
ITA	Integrated Thruster Assembly; International Telegraph Alphabet
ITACS	Integrated Tactical Air Control System
ITCP	Integrated Test and Checkout Procedures
ITCZ	Intertropical Convergence Zone
ITDE	Integrated Tactical Display; Interchannel Time Displacement Error
ITE	Instrumentation Test Equipment
ITF	Intertropical Front
ITM	Interceptor Tactical Missile
ITNS	Integrated Tactical Navigation System
ITP	Inspection Test Procedure; Integrated Test Program
ITPR	Infrared Temperature Profile Radiometer
ITPS	Integrated Teleprocessing System
ITR	Inverse Time Relay; Inspection Test Report; Incremental Tape Recorder
ITS	Information Transfer Satellite
IU	Instrument Unit; Interference Unit
IV	Intravehicular; Initial Velocity
IVA	Intravehicular Activities
IVALA	Integrated Visual Approach and Landing Aids
IVI	Incremental Velocity Indicator
IVPT	Inervehicle Power Transfer
IVSI	Instantaneous Vertical Speed Indicator
IVVS	Instantaneous Vertical Velocity Sensor
IXR	Intersection of Runways

J

JACS	Jet Attitude Control System
JAGIT	Joint Air-Ground Instruction Team
JAN	Joint Army-Navy
JANAP	Joint Army-Navy-Air Force Publication
JANIS	Joint Army-Navy Intelligence Study
JAPC	Joint Air Photo Center
JARC	Joint Air Reconnaissance Centre
JATO	Jet Assisted Take-Off
JB	Junction Box; Jet Bomb
JCC	Joint Communication Center
JCEC	Joint-Communications-Electronics Committee
J Code	Justification Code
JCS	Joint Chiefs of Staff
jct	Junction

JEEP	Joint Emergency, Evacuation Plan
JEFM	Jet Engine Field Maintenance
jett	Jettison
JGS	Joint General Staff
Jl Control	Jet Interaction Control
JIC	Joint Intelligence Centre
JIG	Joint Intelligence Group
jkt	Jacket
JLPG	Joint Logistics Planning Group
JMTC	Joint Military Transportation Committee
JOC	Joint Operations Centre
JP	Jet Propellant; Jet Petrol; Jet Pilot; Jet Propulsion (Especially in the Designations of Fuels for Jet Engines, as in JP-1, JP-3)
JPG	Joint Planning Group
JPL	Jet Propulsion Laboratory
JR	Jam Resistant
JTF	Joint Task Force
jw	Jacket Water

K

kb	Kilobit
kbps	Thousand Bits Per Second; Kilobits Per Second
kb/s	Kilobits Per Second
kc	Kilocycle(s)
kcal	Kilocalorie
kc/s	Kilocycles Per Second
KEAS	Knots Equivalent Air Speed
keV	Kilo Electron Volt
kg	Kilogram(s)
kg-cal	Kilogram-Calorie
kg/cu m	Kilograms Per Cubic Metre
kg-m	Kilogram-Metre
kg/s	Kilograms Per Second
kHz	Kilohertz
KIAS	Knots Indicated Airspeed
kilo (prefix)	Thousand, as used in kiloampere, kilovolt, etc.
kip (kilo pound)	A thousand pounds of weight, as used in the U.S. and Britain
kl	Kilolitre
km	Kilometre(s)
kMc	Kilomegacycle
km/s	Kilometers Per Second
kn	Knot
kp	Magnetic Activity Index
kp/s	Kilopound Per Second
kpsi	Kilopound Per Square Inch
ksi	Kilopound Per Square Inch
kt	Knots; Kiloton
kV	Kilovolt(s)
kVa	Kilovolt Ampere(s)
kVah	Kilovolt-Ampere Hour
kVdc	Kilovolts, Direct Current
kW	Kilowatt(s)
kWhr	Kilowatthour



LA	Launch Abort; Low Altitude; Launch Area; Launch Azimuth	LCA	Lighting Control Assembly; Local Communication Area
L&A	Landing and Ascent	LCC	Logistics Coordination Centre; Life Cycle Cost; Launch Control Center
LAA	Light Anti-Aircraft Artillery; Low Altitude Attack	LCD	Least Common Denominator
LAAPES	Low Altitude Parachute Extraction System	LCE	Low Cost Expendable Launch Vehicle; Latest Cost Estimate
LAAR	Liquid Air Accumulator Rocket	LCF	Launch Control Facility; Low Cycle Fatigue
LAAV	Light Airborne Attack Vehicle	LCG	Liquid Cooled Garment
LAAW	Light Assault Anti-Tank Weapon	LCI	Launcher Control Indicator
LAB	Low Altitude Bombing	LCL	Lower Control Limit
lab	Laboratory	LCLV	Low Cost Launch Vehicle
LABS	Low Altitude Bombing System	LCM	Least Common Multiple
LACE	Liquid Air Cycle Engine	LCN	Load Classification Number
LAET	Limiting Actual Exposure Time	LCNR	Liquid Core Nuclear Rocket
LAF	Laminar Airflow	LCP	Left Circular Polarization
LAGS	Laser Activated Geodetic Satellite	LCRO	Low Cross-Range Orbiter
LAHS	Low Altitude, High Speed	LCS	Launch Control System
LAINS	Low Altitude Inertial Navigation System	LCSS	Land Combat Support System
LALO	Low Altitude Observation	LCT	Launch Control Trailer
lam	Laminate	LCU	Launch Control Unit
LAMP	Low Altitude Manned Penetrator	L/D	Lift-Drag Ratio; Length/Diameter
LAMPS	Light Airborne Multi-Purpose System	LD	Load; Lethal Dose
LAMS	Load Alleviation and Mode Stabilization	LDA	Landing Distance Available
LANABS	Light Attack Tactical Navigation and Bombing System	LDD	Low Density Data
LANNET	Large Artificial Nerve Net	ldg	Landing
LAP	Low Altitude Performance	ldg gr	Landing Gear
LAPES	Low Altitude Parachute Extraction System	LDR	Low Data Rate; Leader
LARA	Light Armed Reconnaissance Aircraft	LDT	Level Detector
LARS	Light Artillery Rocket System; Low Altitude Radar System	LDTR	Long Dwell Time Radar
LASA	Large Aperture Seismic Array	LE	Launch Escape; Launching Equipment; Leading Edge; Low Explosive; Light Equipment; Limit of Error
LASDS	Low Altitude Serial Delivery System	LEA	Long Endurance Aircraft; Launch Escape Assembly
LASER	Light Amplification by Stimulated Emission of Radiation	LEC	Launch Escape Control
LASH	Laser Anti-Tank Semi-Active Homing	LED	Light-Emitting Diode; Low Energy Detector
LASRM	Low Altitude Short Range Missile	LEED	Laser Energized Explosive Device; Lower Energy Electron Diffraction
LASSV	Land & Approach System for Space Vehicles	LEJ	Longitudinal Expansion Joint
LASV	Low Altitude Supersonic Vehicle (Formerly SLAMO)	LEL	Lower Explosive Limit
LAT	Lateral; Latitude; Local Apparent Time	LEM	Lunar Excursion Module
LAW	Light Anti-Tank Weapon; Light Assault Weapon	LEO	Low Earth Orbit
LB	Light Bomber; Light Bombardment; Local Battery (Telephone); Load Bank	LEP	Lowest Effective Power
lb	Pound	LEPS	Launch Escape Propulsion System
L band	A designation formerly given to a band of radio frequencies between 390 and 1,550 mega-cycles	LES	Launch Escape System
lb-ft	Pound-Foot	LESS	Least Cost Estimating Scheduling
lb ft	Pound-Feet	LET	Linear Energy Transfer
lb-in	Pound-Inch	LETS	Linear Energy Transfer Spectrometer
LBNP	Lower Body Negative Pressure	LEV	Launch Escape Vehicle
LBR	Low Burning Rate; Low-Bit Rate; Line of Bomb Release	LF	Load Factor; Launch Facility; Live Flying; Low Frequency; Low-Altitude Fighter
LBS	Light Bomber Strike	L/F	Launch Facility
lbT	Pounds (Thrust)	LFC	Laminar Flow Control
LBU	Launch Booster Unit	LFDF	Low Frequency Direction Finder
LC	Launch Complex; Low Carbon; Light Case (Aviation Bombs)	LF Loran	Low-Frequency Loran
		LF/MF	Low Frequency, Medium Frequency
		LFMS	Laminated Ferrite Memory System
		LFO	Low Frequency Oscillator

LFR	Low Frequency Range	LOLA	Lunar Orbit & Landing Approach (Simulated)
LFSW	Landing Force Support Weapon	LOLEX	Low Level Extraction System
LG	Long; Landing Gear	LOM	Lunar Orbital Mission
LGS	Landing Guidance System	longn	Longeron
L/H	Launch Horizontal	LOPAIR	Long Path Infrared System
lh	Left-Hand	LOPAR	Low Power Acquisition Radar
LHA	Local Hour Angle	LOR	Lunar Orbit Rendezvous
LHR	Lower Hybrid Resonance	LORAC	Long Range Accuracy (CW Navigation Systems)
LIDAR	Light Detection and Ranging	LORAD	Long Range Active Detection
LIFO	Last In First Out	LORAN	Long Range Navigation
LIMAC	Large Integrated Monolithic Array Computer	LORBI	Locked-On Radar Bearing Indicator
lin ft	Linear Foot	LOREC	Long Range Earth Current Communications
LINS	Lightweight Inertial Navigation System	LORL	Large Orbital Research Laboratory
LIRL	Low Intensity Runway Lighting	LORTAN	Long Range & Technical Navigation System
LIT	Light Interface Technology; Light Intratheatre Transport	LORV	Low Observability Re-entry Vehicle
LITVC	Liquid Injection Thrust Vector Control	LOTV	Launch Operations and Test Vehicle
LIV	Low Input Voltage	LOV	Limit of Visibility; Loss of Vision; Loss of Vehicle
LIVE	Lunar Impact Vehicle	LOX	Liquid Oxygen
lk	Link; Leak	LPA	Log Periodic Antenna
lkd	Locked	LP	Low Pressure Compressor
LL	Lower Limit; Low Level; Lightweight Load; Loudness Level	LPD	Labelled Plan Display; Landing Point Designator
LLBS	Low Level Bombsight	LPF	Low Pass Filter; Low Pressure Filter
LLCF	Launch & Landing Computational Facilities	LPFP	Low Pressure Fuel Pump
LLL	Low Light Level	LPFR	Liquid-Phase Flow Reactor
LLR	Load Limiting Resistor	LPG	Liquefied Petroleum Gas
LLLTV	Low Light Level Television	LPH	Litres Per Hour; Landing Personnel Helicopter; Landing Platform Helicopter
LLS	Low Level Sensor	LPLWS	Launch Pad Lightning Warning System
LM	Local Manufacture; Lunar Module; Landmark	LPOX	Low Pressure Oxygen
LME	Launch Monitor Equipment	LPS	Litres Per Second
LMFBR	Liquid Metal Fast Breeder Reactor	LPTV	Large Payload Test Vehicle
LMG	Light Machine Gun	LPW	Lumens Per Watt
LMH	Light Metal Hydrides	L&R	Landing and Recovery
LMT	Local Mean Time; Log Mean Temperature; Limit; Limitation	LRHSC	Large Radioisotope Heat Source Capsule
LN	Liquid Nitrogen	LRI	Long Range Interceptor; Left-Right Indicator
LNA	Low Noise Amplifier	LRM	Liquid Rocket Motor
Inch	Launch	LRO	Large Radio Observatory
Indg	Landing	LRR	Long Range Radar
LNG	Liquid Natural Gas	LRRR	Laser Range Retroreflector
LNM	Lithium Nuclear Microprobe	LRU	Line Replaceable Unit
LT3	Noise Pollution Level	LS	Launch Site; Life System; Logistic Support; Low Speed; Limited Standard; List of Specifications; Landing Site; Lunar Surface
LO	Low; Liftoff; Local Oscillator; Liaison Officer; Lunar Orbiter; Launch Operations	LSB	Lower Sideband; Least Significant Bit
L/O	Lift-Off	LSC	Linear Shaped Charge
LOA	Length Overall; Light Observation Aircraft	LSD	Landing Site Determination; Low Speed Data
LOB	Line of Balance	LSE	Launch Sequencer Equipment; Launch Support Equipment; Life Support Equipment
LOBO	Lobe on Receive Only (a passive scan technique used as an ECCM)	LSF	Launch Support Facility
LOC	Line of Communication	LSI	Large Scale Integration
LOE	Level of Effort	LSIC	Large Scale Integrated Components
LOFAR	Low Frequency Acquisition and Ranging	LSO	Landing Signal Officer
LOG M	Logistics Module	LSR	Launch Site Recovery
LOH	Light Observation Helicopter	LSS	Life Support System; Launch Support System
LOI	Lunar Orbit Insertion		

LST

LST Launch Support Team; Local Standard Time; Liquid Storage Tank; Large Stellar Telescope; Large Space Telescope; Local Sidereal Time

LSU Life Support Umbilical; Life Support Unit

L/SW Limit Switch

LT Low-Torque; Light; Low Tension; Landing Team; Long Ton

L/T Lead Time

LTA Lighter Than Air

Ltd Limited

LTE Local Thermodynamic Equilibrium

LTG Local Tactical Grid

LTPD Low Tolerance Percent Defective

LTS Lightning Test Set

LTV Launch Test Vehicle

LUF Lowest Useful High Frequency; Lowest Useable Frequency

LUG Light Utility Glider

LUM Living Utility Module

LV Launch Vehicle; Low Voltage

L/V Launch Vehicle; Local Vertical

LVD Low Velocity Drop; Low Velocity Detonation

LVDT Linear Variable Differential Transformer

LVPS Low Voltage Power Supply

LVR Low Voltage Release

LVRJ Low Volume Ramjet

LVT Linear Velocity Transducer

LW Light Warning; Limited Warfare; Launch Window

LWAR Light Weight Attack and/or Reconnaissance

LWAW Light Weight Aircraft Warning

LWGS Light Weight Gunfire Control System

LWR Light Weight Radar

LWRcece Light Weight Reconnaissance Aircraft

LWRU Light Weight Radar Unit

LWS Lightning Warning System; Light Warning Radar Set

LWSR Light Weight Strike Reconnaissance

LZ Landing Zone

M

m Metre; Milli (Prefix)

MA Mike Amplifier; Master; Marshalling Area; Milliamperes; Missed Approach

M/A Maintenance Analysis

MAA Medium Anti-Aircraft Weapon

M and A Maintenance and Assembly

MAB Mechanical Automation Breadboard; Missile Assembly Building

MAC Multi-Access Computer; Mean Aerodynamic Chord

MADGE Microwave Aircraft Digital Guidance Equipment

MADRE Magnetic Drum Radar Equipment

MAG AMPL Magnetic Amplifier

MAI Machine-Aided Indexing

MAIDS Multipurpose Automatic Inspection & Diagnostic System; Management Automated Information Display System

MAN Microwave Aerospace Navigation; Manual

ABBREVIATIONS AND ACRONYMS

MANIAC Mathematical Analyzer Numerical Integrator and Computer

MANTRAC Manual Angle Tracking Capability

MARC Machine-Readable Cataloguing; Material Accountability Recovery Code

MARS Magnetic Airborne Recording System

MART Mobile Automatic Radiation Tester

MARV Maneuvering Anti-Radar Vehicle

MAST Magnetic Annular Shock Tube

MATTS Multiple Airborne Target Trajectory System

MBC Maximum Breathing Capacity

MBGE Missile Borne Guidance Equipment

MBRV Maneuverable Ballistic Re-Entry Vehicle

MC Main Chute; Magnetic Course; Missile Control(ler); Mapping Camera

Mc Megacycle

M C & G Mapping, Charting and Geodesy

Mc/s Megacycles Per Second

MC & W Master Caution and Warning

MCA Main Console Assembly

MCB Module Control Block

MCBF Mean Cycle Between Failures

MCDP Micro-Programmed Data Processor

MCGS Microwave Command Guidance System

MCOV Main Chamber Oxidizer Valve

MCP Master Computer Program; Mission Control Programmer

MCSS Microscopic Camera Subsystem

md Microdot

MDA Minimum Descent Altitude; Mechanically Despun Antenna

MDAP Mutual Defence Assistance Program

MDAR Malfunction Detection Analysis and Recording

MDAS Meteorological Data Acquisition System

MDC Main Display Console; Miniature Detonating Cord; Mission Duty Cycle

MDCS Maintenance Data Collection System; Master Digital Command System

MDE Meteoroid Detection Experiment

MDF Manual Direction-Finder/Manual Direction Finding; Medium-Frequency Direction-Finding Station; Mild Detonating Fuse

MDFNA Maximum Density Fuming Nitric Acid

MDI Miss Distance Indicator

MDM Multiplex/Demultiplex

MDP Master Display Panel

MDR Mission Data Reduction; Long Range Reconnaissance Seaplane; Minor Discrepancy Repair

MDS Malfunction Detection System; Minimum Discernible System

MDSPR Mode Suppression

MDT Mean Down Time

MDXDCR Mode Transducer

ME Miscellaneous Equipment; Main Engine; Multi-Engine

Me Messerschmitt

m/e Mass/Energy

M&E Maintenance and Equipment; Manoeuvres and Exercises

MEA	Main Electronics Assembly; Minimum En-Route Instrument Altitude	mgd	Magnetogasdynamics
MEAL	Master Equipment Allowance List	MGE	Maintenance Ground Equipment
MEAT	Multi-Edge Adaptive Tracker	MGSE	Maintenance Ground Support Equipment
MEC	Manual Emergency Controls; Maximum Endurable Concentration	MH	Magnetic Heading
mech	Mechanical	MHA	Modified Handling Authorized
MECO	Main Engine Cutoff	MHCP	Mean Horizontal Candlepower
MED	Manual Entry Device; Medical; Medium	mhd	Magneto hydrodynamics
MEDEVAC	Medical Evacuation	MHE	Materials Handling Equipment
MEE	Minimum Essential Equipment	MHF	Mixed Hydrazine Fuel; Medium High Frequency
meg	Megohm	MHW	Mean High Water
meg; mega	One Million (as in Megacycle)	MH/OH	Man-Hours/Operating Hours
MEGA	Military Evaluation of Geographic Areas	MHz	MegaHertz (Million Cycles Per Second)
Megw(a)	Megawatt	mi	Mile
MEH	Multi-Engined Helicopter	M/I	Mechanical Impulse; Minimum Impulse
MEIG	Main Engine Ignition	M & I	Modification and Installation
MEL	Minimum Equipment List	MIA	Multiplex Interface Adapter
MEOP	Maximum Expected Operating Pressure	MIB	Minimum Impulse Bit
MEP	Mean Effective Pressure	mic	Micrometer
MER	Manned Earth Reconnaissance; Multiple Ejector Rack; Meridian	MICPAC	Microelectronic Integrated Circuit Package
MERU	Milli-Earth Rate Unit (0.015 degrees/hour)	micro	One-Millionth, as in Microinch
MES	Main Engine Start	micromet	Micrometeoroid
MET	Modular Equipment Transporter; Mission Event Timer; Meteorological; Mission Elapsed Time	MICRS	Main Instrument Console and Readout Stations
METS	Modular Engine Test System	MID	Minimum Infective Dose
MEW	Manufacturer's Empty Weight; Microwave Early Warning	MIDAS	Measurement Information and Data Analysis System; Missile Defense Alarm System; Modified Integration Digital Analog Simulator; Meteorological & Lightning Data Acquisition System
MESA	Manned Environmental Systems Assessment; Modularized Equipment Storage Assembly	MIDES	Missile Detection System
METOP	Maximum Expected Take-Off Power	MIDOT	Multiple Interferometer Determination of Trajectories
MeV	Million Electron Volts	MIG	Multi-Level Interconnection Generator; Miniature Integrating Gyroscope; Metal Inert Gas
MEWS	Missile Early Warning Station	MIHPED	Micro-Wave Induced Helium Plasma Emission Detection
MF	Motor Field; Medium Frequency	MIL	Military Specification
M sub f	The temperature at which martensite formation is complete on cooling. See 'transformation temperature'.	MILS	Missile Impact Locator System; Milliradians
M&F	Male & Female	MILSPEC	Military Specifications
MFC	Multiple Flight Computer	mil std	Military Standard
MFCO	Manual Fuel Cutoff	MIMS	Multi-Item, Multi-Source
MFCV	Modulating Flow Control Valve	min	Minimum; Minute
mfd	Manufactured	MINCOMS	Multiplexed Interior Communication System
MF/DF	Medium Frequency/Direction Finder	mini	Miniature
mfg	Manufacturing	MINS	Miniature Inertial Navigation System
MFP	Moisture Fungus Proofing	MIP	Missile Impact Prediction
Mfr	Manufacture	MIPE	Magnetic Induction Plasma Engine
MFR	Multifunctional Receiver	MIPIR	Missile Precision Instrumentation Radar (C-Band Radar)
MFS	Multifunction Sensor; Missile Firing Simulator	MIPS	Million Instructions Per Second; Missile Impact Prediction Set
MFSK	Multiple Frequency Shift Keyed	MIRAGE	Microelectronic Indicator for Radar Ground Equipment
MFT	Mean Flight Time	MIRL	Medium Intensity Runway Lighting
MFV	Man Fuel Valve	MIROS	Modulation Inducing Retro-Directive Optical System
Mg	Motor Generator; Middle Gimbal; Symbol for Magnesium	MIRV	Multiple Independent Re-Entry Vehicle
mg	Milligram	MIRVS	Multiple Independently Targetable Re-Entry Vehicles
MGC	Missile Guidance Computer; Manual Gain Control	mis; misc	Miscellaneous
MGCI	Master Ground-Controller Interception Radar	MISS	Missile Intercept Simulation System; Multi-Item, Single-Source

MISTRAM

ABBREVIATIONS AND ACRONYMS

MISTRAM Missile Trajectory Measurement
 MIT Master Instruction Tape
 MITAC Miniature Airborne TACAN Equipment
 MITE Missile Integration Terminal Equipment
 MITO Minimum Interval Take-Off
 MITTS Mobile Intermediate Tracking Telescope System
 MIU Mobile Inspection Unit
 MIV Mobile Instrumentation Van
 MJ Mechanical Joint
 mk Mark
 M-KG Meter-Kilogram
 mkr Marker
 ML Missile Launcher; Mold Line; Mobile Launcher; Statute Mile
 ml Millilitre
 MLEV Manned Lifting Entry Vehicle
 MLG Main Landing Gear
 MLI Multilayer Insulation
 MLS Microwave Landing System
 mm Millimeter
 MMF Magnetomotive Force
 MMH Monomethylhydrazine (fuel)
 mmHg Millimetres of Mercury
 MMM Multi-Mission Module
 MMSS Multi-Module Space Station
 MMU Midcourse Measurement Unit; Modular Maneuvering Unit
 mnfld Manifold
 MNOS Metal Nitride Oxide Semiconductor
 M&O Maintenance and Operation
 MOA Manual-Off-Automatic
 MOB Main Operating Base; Mobile
 MOBIDIC Mobile Digital Computer
 MOBS Multiple Orbital Bombardment
 MOCA Minimum Obstruction Clearance Altitude
 mod Model; Modification; Modulation; Module
 MODEM Modulator Demodulator
 MODEST Missile Optical Destruction Technique
 MODICON Modular-Dispersed-Control
 MOI Moment of Inertia
 MOL Manned Orbital Launch; Manned Orbital Laboratory
 MON Mixed Oxides of Nitrogen (Oxidizer)
 MOPA Master Oscillator Power Amplifier
 MOPTAR Multi-Object Phase Tracking and Ranging
 MOS Metal-Oxide Silicon; Metal Oxide Semiconductor
 MOSAIC Mobile System for Accurate ICBM Control
 MOSAR Modulation Scan Array Receiver
 MOSS Manned Orbital Space Station
 MOT Manned Orbital Telescope
 MOTS Module Test Set; Mobile Optical Tracking System; Minitrack Optical Tracking System
 MOTU Mobile Optical Tracking Unit
 MOV Main Oxidizer Valve; Manned Orbital Vehicle
 MP Medium Pressure; Melting Point; Military Police; Maintenance Period
 mp Manifold Pressure; Most Probable Position

M-P Minus to Plus
 MPA Mission Performance Assessment
 MPB Material Performance Branch
 MPC Manual Pointing Controller; Meteorological Prediction Center; Multi-Spectral Photographic Camera
 MPD Magnet-Plasmadynamic; Multipurpose Display
 MPE Missile Positioning Equipment; Maximum Permissible Exposure
 MPF Manpower Flight
 MPg Multipoint Grounding; Miles Per Gallon
 MPH Miles Per Hour
 MPHS Miles Per Hour Per Second
 MPI Mean Point of Impact
 MPL Minimum Power Level
 MPLE Multi-Purpose Long Endurance (Aircraft)
 MPM Monocycle Position Modulation; Miles Per Minute
 MPP Matrix Parallel Processor; Miles Per Pound
 MPR Medium Power Radar
 MPS Main Propulsion Systems
 MPSR Mission Profile Storage & Retrieval
 MPT Missile Pre-Flight Tester
 MPWP Maximum Permissible Working Pressure
 mpx Multiplex
 MR Mixture Ratio; Medium Range; Medium Resolution; Magnetospherically Reflected
 M/R Mixture Ratio
 MRAD Milliradians
 MRBM Medium Range Ballistic Missile
 MRCA Multirole Combat Aircraft
 MRCV Mixture Ratio Control Valve
 MRFL Master Radio Frequency List
 MRG Medium Range
 MRIR Medium Resolution Infrared
 MRL Material Requirements List; Medium Rocket Launcher; Medium Power Loop Range
 MRMR Material Requirement Mobilization Reserve
 MRO Maintenance, Repair, and Operation
 MRP Military Rated Power
 MRU Microwave Relay Unit; Mobile Refrigeration Unit
 MRV Manoeuvrable Re-Entry Vehicle
 MS Mass Spectrometry; Machine Screw; Machine Steel; Milestone; Margin of Safety; Military Standard; Meteoroid Shield; Motion Sensitivity
 M sub s Martensite start; the highest temperature at which martensite forms on cooling. See 'transformation temperature'.
 ms Millisecond(s)
 M/S Mainstage
 M&S Materials & Services
 MSA Minimum Safe Altitude; Minimum Surface Area
 MSB Most Significant Bit; Missile Storage Building
 MSBLS Microwave Scanning Beam Landing System
 MSC Metric System Conversion
 MSL Mean Sea Level; Missile
 MSCO Manual Sustainer Cutoff
 MSCP Mean Spherical Candlepower

MSE	Maintenance Support Equipment; Mechanical Support Equipment	MUT	Mean Up Time
msec	Millisecond(s)	MUX	Multiplex(er)
MSF	Mobile Striking Force; Manned Space Flight	MV	Muzzle Velocity; Millivolts; Multivibrator; Motorized Valve; Medium Voltage
msg	Message	MVC	Manual Volume Control
MSI	Medium Scale Integration	MVD	Map and Visual Display (Unit)
MSIS	Manned Satellite Inspection System	MVDC	Millivolts, Direct Current
MSK	Manual Select Keyboard	MVF	Manned Vertical Flight
MSN	Mission; Manned Space Network	MW	Microwave; Mega-Watt; Milliwatt
MSO	Mass Spectrometer Outgasing	MWAR	Major World Air Routes
MSP	Mutual Security Program	MWDP	Mutual Weapons Development Programme
MSR	Main Supply Route; Missile Site Radar; Missile Site Range	MWG	Music Wire Gage (Gauge)
MSRP	Massive Selective Retaliatory Power	MWP	Maximum Working Pressure; Maneuvering Work Platform
MSS	Modular Space Station	MWR	Mean Width Ratio
MST	Missile System Test; Mountain Standard Time	MWST	Mean Weighted Skin Temperature
MSU	Mass Storage Unit	MWV	Maximum Working Voltage
msw	Microswitch	mx	Multiplex
MT	Magnetic Tape; Maximum Torque; Master Timer; Mega-Ton; Mechanical Time (Fuse); Motor Transport (Fuel)	MY	Man-Years
MTA	Mass Thermal Analysis; Military Training Airspace	NA	Not Assigned
MTBF	Mean Time Between Failures	N/A	Not Applicable
MTBM	Mean Time Between Malfunctions; Mean Time Between Maintenance	nac	Nacelle
MTBMA	Mean Time Between Maintenance Action	NACA	National Advisory Council for Aeronautics
MTC	Mission and Traffic Control; Master Thrust Control	NACTU	Night Attack Combat Training Unit
MTCU	Magnetic Tape Control Unit	NAD	Naval Air Department; Naval Ammunition Depot
mtd	Mounted	NADGE	NATO Air Defense Ground Environment
MTE	Multi-System Test Equipment	NAE	National Aeronautical Establishment
M & TE	Measurement and Test Equipment	NAF	Naval Air Facility
MTEE	Mission Time Extreme Environment	NAFAG	NATO Air Forces Armaments Group
MTF	Mechanical Time Fuse	NAPS	Night Aerial Photographic System
MTG	Mounting; Meeting	NAPU	Nuclear Auxiliary Power Unit
MTI	Main Tank Injection; Moving Target Indicator	NARATE	Navy Radar Automatic Test Equipment
mtl	Material; Materiel; Metal	NAS	National Airspace System; Navigation Avoidance System
MTOS	Metal Thick Oxide Silicon	NASA	National Aeronautics and Space Administration
MTR	Mean Time to Repair; Missile Tracking Radar; Single Main and Tail Rotor	NASC	Naval Air System Command
mtrk	Minitrack	NATCS	National Air Traffic Control System
MTS	Mobile Tracking Stations; Missile Test Set; Meteoroid Technology Satellite	NATO	North Atlantic Treaty Organization
MTSQ	Mechanical Time Super Quick (Fuse)	NATRAP	Narrow-Band Transmission of Radar Pictures
MTSS	Military Test Space Station	naut	Nautical
MTTCO	Mean Time to Check Out	nav	Naval or Navy; Navigation
MTTF	Mean Time to Failure	NAVAID	Navigation Aid
MTTFF	Mean Time to First Failure	NAVDAC	Navigation Data Assimilation Computer
MTTR	Mean Time to Report	NAVS	Navigation System
MTU	Mobile Training Unit	NAWAS	National Warning System
MTVC	Manual Thrust Vector Control	NB	Narrow Band; Narrow Beam; Naval Base; Navigation Base
MU	Mock-up; Mobile Unit; Multiple Unit; Maneuvering Unit	NBC	Nuclear, Biological and Chemical
MUA	Maximum Usable Altitude	NBCD	NBC Defense
MUBIS	Multiple Beam Interval Scanner	NBFM	Narrow Band Frequency Modulation
MUF	Maximum Usable Frequency	NBI	Nuclear Burst Indicator
mult	Multiple	NBL	Night Bombardment Long Distance
MUSE	Monitor of Ultraviolet Solar Energy	NBMG	Navigational Bombing and Missile Guidance
		NBMR	NATO Basic Military Requirements



nbr	Number	NLG	Nose Landing Gear
NBS	National Bureau of Standards; Navigation and Bombing System; Night Bombardment Short Distance	NLGC	Noise Level Gain Control
NBW	Narrow Bandwidth	NLT	Not Later Than
NC	Network Controller; No Change; Nose Cone; Normally Closed; Cetane Number	NLTE	Non-Local Thermodynamic Equilibrium
NCW	Nose Cone Warhead	NM	Nautical Miles; Non-Metallic
NCR	Nonconformance and Corrective Action Reporting System	NMBR	NATO Military Basic Requirement
NCS	Net Control Station	NMO	Normal Manual Operation
NCU	Nozzle Control Unit	NMR	Nuclear Magnetic Resonance
NDB	Nondirectional Beacon	NMSS	National Multipurpose Space Station
NDE	Non-destructive Evaluation	NNI	Noise and Number Index
NDI	Non-destructive Inspection	NO	Normally Open; Night Observation
NDRO	Non-Destructive Read Out	NOC	Network Operation Control
NDS	Nuclear Detection Satellite	nom	Nominal
NDT	Non-Destructive Testing	NOMAD	Navy Oceanographic Meteorological Automatic Device
NEC	National Electrical Code	NOMSS	National Operational Meteorological Satellite System
NECAP	Navigation Equipment Capability Analysis	NOP	Non-Operating
NECS	National Electric Code Standards	NORAC	No Radio Contacts
NEEP	Nuclear Electronics Effects Program	norm	Normal
NEF	Noise Exposure Forecast	NOTAM	National Orbiting Space Station
neg	Negative	NOTAM	Notice to Airmen
NEMP	Nuclear Electromagnetic Pulse	noz	Nozzle
NEPA	Nuclear Energy Powered Aircraft; Nuclear Energy for Propulsion of Aircraft	NP	Napalm
NEPN	Near Earth Phase Network	NPDS	Nuclear Particle Detection System
NERVA	Nuclear Engine for Rocket Vehicle Application	NPL	Noise Pollution Level; Normal Power Level
NESC	National Electrical Supply Code	NPN	Negative-Positive-Negative
NESS	National Environmental Satellite Service	NPR	Nose/Power Ratio
NESTS	Non-Electric Stimulus Transfer System	NPSH	Net Positive Suction Head
net	Network	NPSP	Net Positive Suction Pressure
neut	Neutral	NPV	Nitrogen Pressure Valve; Non-Propulsive Vent
N.F.	Night Fighter (British)	NQR	Nuclear Quadrupole Resonance
NFF	No Fault Found	NR	Not Required; Number; Expendable Non-Recoverable; NATO Restricted; Noise Rating
NFPM	Nuclear Flight Propulsion Module	NRC	Non-Recurring Costs; National Research Center
ng	Narrow Gauge; No Good	NRM	Non-Recurring Maintenance
N&GS	Navigation and Guidance Subsystems	NRP	Normal Rated Power
NGSP	National Geodetic Satellite Program	NRS	Nuclear Rocket Shuttle
NGTE	National GasTurbine Establishment	NRT	Network Readiness Test; Near Real Time
NGV	Nozzle Guide Vane	NRZ	Non Return to Zero
NH	Nonhygroscopic	NRZ-L	Non Return to Zero-Level
NHA	Next Higher Assembly	NS	NATO Surveillance; Not Specified; NATO Secret
NI	Noisiness Index	nsec	Nanosecond
NIB	Non-Interference Basis	NSO	Noise Suppression Oscillator
NIC	New Installation Concept; Not in Contract	NSP	Nuclear Strike Plan
NICS	NATO Integrated Communication System	NSPF	Not Specifically Provided for
NILS	Nuclear Instrument Landing System	NSR	Nominal Slow Rate; Northern Sea Route
NIM	Night Intruder Mission	NSSS	National Space Surveillance System
NIMPHE	Nuclear Isotope Monopropellant Hydrazine Engine	NT	Non-Tight
NIR	Nose Impact Rocket	NTO	Nitrogen Tetroxide (Oxidizer)
NK	Nikon Camera	NTOL	Normal Take-Off and Landing
NL	Neon Lamp	NTP	Normal Temperature & Pressure
NLD	Nominal Line Drawing	NTPD	Normal Temperature, Pressure, Dry
NLF	Nearest Landing Field	NTS	Not to Scale; Negative Torque System
		NTSB	National Transportation Safety Board
		NUDETS	Nuclear Detection System

NULACE	Nuclear Powered Active Detection System	OCSTL	On-Board Checkout System Test Language
NUPAD	Nuclear Powered Active Detection System	OCU	Operational Conversion Unit
NVB	Navigational Base	ODG	Orbit Data Generator
NVR	Nonvolatile Residue; No Voltage Release	ODM	One Day Mission
NW	Nuclear Weapon; Nominal Width	ODOP	Offset Doppler
NWS	Nose Wheel Steering	ODR	Omnidirectional Range; Omnidirectional Radar
NWSS	National Weather Satellite System	ODTS	Offset Doppler Tracking System
NWT	Non Watertight	ODVAR	Orbital Determination & Vehicle Attitude Reference
NX	Non-Expendable	OECO	Outboard Engine Cutoff
	O	OEL	Organizational Equipment List
OA	Output Axis; On or About; Omni-Antenna; Overall	OERC	Optimum Earth Re-Entry Corridor
OA(Aircraft)	Operationally Available (Aircraft)	OEW	Operating Empty Weight
OAME	Orbital Attitude and Maneuvering Electronics	OF	Outside Face
OAMP	Optical Analog(ue) Matrix Processing	O/F	Orbital Flight; Oxidizers to Fuel
OAMS	Orbital Attitude and Maneuvering System	OFC	Operational Flight Control
OAQ	Orbital Astronomical Observatory	OFR	Open Failure Report
OASPL	Overall Sound Pressure Level	OFSO	Overflow Shutoff Sensor
OAT	Outside Air Temperature; Operational Air Traffic; Overall Test	OG	Outer Gimbal
OATC	Oceanic Air Traffic Control	OGA	Outer Gimbal Axis; Outer Gimbal Assembly
OATCR	Operational Air Traffic - Radar Control and Reporting System	OGC	Operational Ground Equipment
OATMS	Operational Air Traffic - Military Air Traffic Services	OGO	Orbiting Geophysical Observatory
OATNA	Operational Air Traffic - No Assistance	OGR	Outgoing Repeater
OATRD	Operational Air Traffic - Radar Assistance	O GRAPH	Oscillograph
OB	On-Board; Operational Base; Order of Battle	OGT	Outgoing Trunk
O/B	On-Board	OGV	Outlet Guide Vane
OBC	On-Board Checkout	OH	Operational Hardware; On Hand; Overhead (Lines); Observation Helicopter
OBCO	On-Board Checkout	OHC	Optics Hand Controller
OBECO	Outboard Engine Cutoff	OHD	Over the Horizon Detection
OBGS	Orbital Bombardment Guidance System	ohm-metre	SI unit of resistivity
OBI	Omnibearing Indicator	ohm-centimetre	CGS unit of resistivity
OBIFCO	On-Board In-Flight Checkout	OHP	Oxygen at High Pressure
obj	Objective	OI	Operational Instrumentation; Oil Insulated; Orbit Insertion
obl	Oblique	OIFC	Oil Insulated Fan-Cooled
OBS	Obstacle; Observation; Obsolete; Omnibearing Selector; Observatory	OISC	Oil Insulated Self-Cooled
Obst	Obstruction	OIWC	Oil Immersed Water-Cooled
OBV	Oxidizer Bleed Valve	OJT	On the Job Training
OC	Overcurrent; Operating Characteristic; On Center; Open Circuit	OL	Overload; Operating Location; Open Loop
O&C	Operations Control Center	OLF	Orbital Launch Facilities; Outlying Field
OCB	Oil Circuit Breaker	OLO	Orbital Launch Operation
OCC	Operatios Control Center	OLOS	Out of Line of Sight
OCDMS	On-Board Checkout and Data Management System	OLP	Oxygen Low Pressure
OCDU	Optical Coupling Display Unit	OM	Outer Marker; Outer Marker Beacon; Optical Master; Operating Memory
OCL	Obstacle Clearance Limit	O&M	Operations and Maintenance
OCMS	On-Board Checkout and Monitoring System	OMA	Optical Mechanical Assembly
OCP	Obstacle Clearance Panel; Operating Control Procedure; Operational Checkout Procedure; Orbital Correction Program	OMB	Outer Marker Beacon
OCPS	Oxygen Cabin Pressurization Section	OMBI	Observation-Measurement-Balancing and Installation
OCR	Overhaul Component Requirement	OME	Orbital Maneuvering Engine
OCS	Obstacle Clearing Surface; Operational Characteristics	omni	Omnidirectional
ocst	Overcast	OMPS	Orbit Maneuvering Propulsion system
		OMS	Orbital Maneuvering System; Operational Monitoring System
		OMU	Optical Measuring Unit

ON(clear)

ABBREVIATIONS AND ACRONYMS

ON(clear) Octane Number
 ONERA Office National d'Etudes et de Recherches Aérospatiales
 ONR Operational Non-Radar Directed Flights
 OOS Orbit-to-Orbit Shuttle
 O/P Output
 O&P Operations and Procedures
 OPADEC Optical Particle Decoy
 OPB Oxidizer Preburner
 OPDAR Optical Detection and Ranging
 OPH Operational Propellant Handling
 OPL Operations Plan
 opn Operation; Open
 opp Opposite
 OPP CE Opposite Commutator End
 OPPLAN Operation Plan
 OPR Operate; Overall Pressure Ratio
 OPS Oxygen Purge System
 OPSF Orbital Propellant Storage Facility
 opt Optimal; Optical; Optimum
 OPTEVFOR Operational Test and Evaluation Forces
 OpW Operating Weight
 OQ Aerial Target - Non Man Carrying
 OQC Outside Quality Control
 OR Operational Readiness; Operations Requirements; Overload Relay; Operations Research; Other Ranks; Outside Radius
 O/R Override
 O&R Overhaul & Repair
 ORA Output Reference Axis; Operational Radar Directed Flights
 ORAN Orbital Analysis
 ORB Orbital; Omnidirectional Radio Beacon
 ORD Ordnance; Operational Readiness Date
 ORDIR Omnirange Digital Radar
 ORDIV Omnirange Detection Radar
 ordn Ordnance
 ORI Operational Readiness Inspection
 ORL Orbital Research Laboratory
 ORLA Optimum Repair Level Analysis
 ORT Operations Readiness Test
 ORV Orbital Rescue Vehicle
 OS Oil Switch; Operational Sequence; Oversize
 osc Oscillator; Oscilloscope
 OSE Operating Support Equipment
 OSL Outstanding Leg
 OSO Orbital Solar Observatory
 OSP Off-Shore Procurement; Optimized Simplex Processor
 OSR Optical Solar Reflector
 OSS Orbital Space Station; Operational Storage Site; Optical Subsystem
 OSTD Ordnance Standards
 OSV Ocean Station Vessel; Orbital Support Vehicle
 OT Oil Tight; Overall Test; Observertarget; Optical Tracking; Organization Table; Operational Trajectory
 O/T Overtime; Overtemperature
 OTA Optical Telescope Assembly

OTE Operational Test Equipment
 OTF Optimum Traffic Frequency
 OTHR Over the Horizon Radar
 OTIS Offset Target Indicator System
 OTL Operating Time Log
 OTP Operational Test Procedure
 otpt Output
 OTR Optical Tracking
 OTS Orbital Transport Systems; Optical Technology Satellite; Operational Test Site; Oxygen Test Stand; Over the Shoulder
 OTT One Time Tape
 OTU Operational Test Unit
 OTV Operational Television
 OUD Operational Use Date
 outbd Outboard
 outg Outage
 OV Orbiting Vehicle
 ovbd Overboard
 ovhd Overhead
 ovld Overload
 ovr Override
 ovv Overvoltage
 OW Open Wire (Line)
 OWF Optimum Working Frequency
 OWS Operational Weather Support
 OXH Oxygen Heat Exchanger
 oz Ounce
 oz-ft Ounce-Foot
 oz-in Ounce-Inch

P

PA Power Amplifier; Pad Abort; Public Address System; Patrol Aircraft; Probability of Acceptance
 P/A Polar to Analog(ue)
 PAC Primary Address Code; Package Attitude Control
 PACE Prelaunch Automatic Checkout Equipment; Preflight Acceptance Checkout Equipment
 PACOR Passive Correlation and Ranging System
 PAD Propellant Actuated Device
 PADAR Passive Detection & Ranging
 PADLOC Passive Detection & Location of Countermeasures
 PADRE Portable Automatic Data Recording Equipment
 PADS Passive-Active Data Simulation
 PAE Port of Aerial Embarkation
 PAGEOS Passive Geodetic Earth Orbiting Satellite
 PAL Parts Authorization List
 PAM Parametric Amplifier; Pulse Amplitude Modulation
 PAN Peroxy-Acyl Nitrate
 PAP Pierced Aluminium Plank
 PAR Precision Approach Radar; Pulse Acquisition Radar; Probabilistic Analysis of Risk
 para Parachute
 PARADE Passive-Active Ranging and Determination
 parag Paraglider
 para(s) Parameter(s)

PARC	Progressive Aircraft Reconditioning Cycle	PELLS	Precision Emitter Location; Strike System
PARD	Pilot Airborne Recovery Device	PEM	Photographic Equipment and Materials
PARSQ	Pararescue	PEP	Peak Envelope Power; Platform Electronic Packages
part	Partial	PERT	Programme Evaluation and Review Technique
parv	Paravane	PES	Photoelectric Scanner; Pointing Error Sensor
PAS	Primary Alert System; Pyrotechnics Arming Switch; Pilot Assist Servo	PET	Position-Event-Time; Polyethylene Terephthalate; Point of Equal Time
PAT	Production Acceptance Test	PF	Power Factor; Preflight; Pneumatic Float; Proximity fuse; Pulse Frequency
PATE	Programmed Automatic Test Equipment	pF	Picofared
PAU	Pilotless Aircraft Unit	PFI	Power Failure Indicator
PAV	Pressure Altitude Variation	PFLV	Pressure Fed Launch Vehicle
PB	Playbank; Patrol Bombing; Patrol Bomber	PFM	Power Factor Meter; Precision Frequency Multivider; Pulse Frequency Modulation
PBR	Pyridine Butadiene Rubber; Precision Bombing Range	PFNS	Position Fixing Navigation System
PBS	Prefabricated Bituminous Surface	PFR	Parts Failure Rate; Preflight Review
PC	Pilotage Chart	PFRS	Preliminary Flight Readiness Test; Preliminary Flight Rating Test
P/C	Polar to Cartesian	PFS	Propellant Feed System; Percent Full Scale
PCB	Plenum Chamber Burning	PG	Pyrolytic Graphite; Pressure Gauge; Propellant Grain
PCM	Pulse Code Modulation	PGA	Pressure Garment Assembly; Power Generating Assembly
PCP	Pressurization Control Panel	PGMA	Pulsed Gas Metal Arc
PCR	Pneumatic Control Regulator	PGNCS	Primary Guidance & Navigation Control System
PCSC	Power Conditioning, Switching & Control	PGNS	Primary Guidance and Navigation System
pct	Percent	PGS	Power Generator Section; Power Generation System
PCTC	Pyrotechnic Circuit Test Console	PGSU	Propellant Gas Supply Unit
PCU	Pressure Control Unit	PGU	Pressure Gas Umbilical
PCV	Pressure Control Valve	PGRV	Precision Guidance Re-Entry Vehicle
PD	Pitch Diameter; Preliminary Design; Propellant Dispersion; Point Detonating; Prime Depot; Pressure Drop; Pulse Duration	pH	Alkaline-Acid Balance
PDA	Precision Drive Axis; Pre-Delivery Acceptance; Power Distribution Assay; Pump Drive Assembly	PHE	Preflight Heat Exchanger; Aviation POL Handling Equipment
PDC	Power Distribution Control	PHI	Position-and-Homing Indicator
PDF	Point Detonating Fuse	PHIN	Position-and-Homing Inertial Navigator
PDG	Precision Drop Glider	PI	Photo Interpreter; Public Information; Point Initiating (fuses); Principal Investigator
PGI	Pictorial Deviation Indicator; Pilot's Direction Indicator; Powered Descent Initiation	PIA	Preinstallation Acceptance
PDM	Pulse Duration Modulation	PICRS	Program Information Control and Retrieval System
PDMS	Point Defence Missile System	PIF	Pilots' Information File
PDP	Program Definition Phase	PIGA	Pendulous Integrating Gyro Accelerometer
PDR	Precision Depth Recorder; Preliminary Design Review; Phase Data Recorder; Predetermined Route	PIM	Position and Intended Movement
PDS	Power Distribution System; Propellant Dispersion System	PIO	Pilot Induced Oscillation
PDSG	Point Detonating Self-Destroying	PIP	Production Instrumentation Package
PDSQ	Point Detonating Super-Quick Fuse	PIPA	Pulsed Integrating Pendulous Accelerometer; Pulse Integrating Pendulum Assembly
PDT	Pilot Distribution Trailer; Power Distribution Trailer	PIR	Pressure Ignition Rocket
PDG	Precision Drop Glider	PIREP	Pilot Report
PDR	Processed Data Recorder; Preliminary Design Review	PIT	Pre-Installation Test
PDRM	Payload Deployment and Retrieval Mechanism	PIV	Peak Inverse Voltage; Propellant Isolation Valve
PDU	Pressure Distribution Unit; Pilot's Display Unit; Primer Detonator Unit; Photomultiplier Detector Unit	pix	Pictures
PDVL	Pull Down Vent Line	PIXEL	Picture Element
PE	Permanent Echo; Probable Error; Plastic Explosive	pkg	Package; Parking
P&E	Pyrotechnical & Explosive	PL	Perceived Level; Prelaunch; Pro-longitudinal; Propellant Loading; Payload; Parts List; Plate; Port Landing
PEC	Personal Equipment Connector; Personal Environmental Connector	P/L	Payload; Parts List
PECS	Portable Environmental Control System	PLA	Physiological Learning Aptitude
PEEK	Periodically Elevated Electronic Kibbitzer	PLAADS	Parachute Low Altitude Aerial Delivery System

PLAAR

ABBREVIATIONS AND ACRONYMS

PLAAR	Packages Liquid Air-Augmented Rocket	PODS	Post Operative Destruct System
PLACE	Programming Language for Automatic Checkout Equipment	POE	Port of Embarkation
PLADS	Parachute Low Altitude Delivery System	POI	Parking Orbit Insertion
PLC	Power-Line Carrier	POINTER	Particle Orientation Interferometer
PLCOP	Pre-Launch Checkout Plan	POL	Petroleum Oil Lubricants; Polarity
PLCU	Propellant Level Control Unit	POM	Printer Output Microfilm
PLE	Prudent Limit of Endurance	POMI	Preliminary Operating & Maintenance Instruction
PLF	Parachute Landing Fall	POP	Payload Optimized Program; Perpendicular to Orbit Plane
PLH	Payload Handling	porep	Position Report
PLL	Phase-Locked Loop	POSS	Passive Optical Satellite Surveillance System
PLM	Pre-Launch Monitor; Preliminary; Production Line Maintenance; Payload Management; Payload Monitoring	pot	Potential; Potentiometer
PLN	Flight Plan	POTS	Precision Optical Tracking System
PLOP	Pressure Line of Position	PP	Project Proposal; Peak to Peak; Power Plant; Pressure Proof; Propulsion Power; Principal Point; Push-Pull; Partial Pressure; Preproduction
PLPS	Propellant Loading and Pressurization System	P/P	Point to Point; Peak to Peak
PLRACTA	Position Location, Reporting, and Control of Tactical Aircraft	P-P	Push-Pull
PLRS	Position Location and Reporting System	PPB	Planning Programming Budgeting
PLS	Propellant Loading System	PPBS	Positive Pressure Breathing System
PLSS	Portable Life Support System	PPCE	Portable Pneumatic Checkout Equipment
PLV	Post-Landing Ventilation	PPB	Propulsion & Power Generation
PLVC	Post-Landing Vent Control	PPH	Pounds Per Hour
PM	Pounds Per Minute; Propulsion Module; Permanent Magnet; Phase Modulation; Pulse Modulation; Photomultiplier; Propellant Management	PPH	Pounds Per Hour
PMEE	Prime Mission Electronic Equipment	PPI	Plan Position Indicator
PMC	Payload Monitoring & Control	PPL	Preferred Parts List; Predictive Period Laser
PMI	Preventive Maintenance Inspection	PPLS	Propellant and Pressurant Loading System
PMM	Pulse Mode Multiplex	PPM	Pounds Per Minute; Parts Per Million; Phase Pulse Modulation; Pulse-Position Modulation
pmma	Polymethylmethacrylate	PPR	Prior Permission Required
PMP	Premodulation Processor; Preventive Maintenance Plan; Program Management Plan; Pump; Protective Mobilization Plan	PPS	Primary Propulsion System; Precision Positioning System; Pulses Per Second; Pneumatic Power Subsystem
PMR	Pressure Modulation Radiometer; Programmed Mixture Ratio	PQL	Production Quality Control
PMRR	Pre-Mate Readiness Review	PQGS	Propellant Quantity Gauging System
PMS	Performance Monitoring System	PQP	Prequalification Prototype
PMSS	Precision Measuring Subsystem	PR	Pulse Rate; Pressure Regulator; Pair; Photographic Reconnaissance
PMT	Photomultiplier Tube	PRA	Pendulous Reference Axis; Precision Axis
PMU	Pressure Measuring Unit	PRADS	Parachute Retrorocket, Androp System
PN	Pulse Network; Part Number	P/RCS	Propulsion and Reaction Control Subsystem
P/N	Part Number	preamp	Preamplifier
p-n	Positive-Negative	prefab	Prefabricated
PNC	Preferred Noise Criteria Curves	preflt	Preflight
PNdB	Perceived Noise Decibels	PRF	Proof; Pulse Repetition Frequency; Pulse Radar Frequency; Pulse Recurrence Frequency
PNE	Peaceful Nuclear Explosives	PRFL	Pressure Fed Liquid
PNGCS	Primary Navigation, Guidance and Control System	PRI	Pulse Recurrence Interval; Photographic Reconnaissance and Interpretation
PNL	Perceived Noise Level	PRM	Pulse-Rate Modulation
PNLT	Tone Corrected Perceived Noise Level	PRN	Pseudo-Random Noise; Pulse Ranging Network
PNM	Pulse Number Modulation	PROFAC	Propulsive Fluid Accumulator
PNR	Point of No Return	PROVER	Procurement, Value, Economy, Reliability
PO	Polarity; Power Oscillator; Power Output	PRR	Pulse Repetition Rate
POBATO	Propellant On-Board at Take-Off	PRS	Primary Recovery Site
POD	Pneumatically Operated Disconnect; Port of Debarkation	PRT	Pulse Repetition Time; Pressure Ratio Transducer
PODM	Preliminary Orbit Determination Methods	PRV	Pressure Reducing Valve

PS	Pressure Sensor; Payload Support; Power Source; Payload Shroud; Power Supply; Propellant Supply; Photometer System; Press to Short; Program Short; Pulse Sensor	PVC	Position and Velocity Computer; Polyvinyl Chloride; Pressure Volume Compensator
P/S	Pulse Sensor	PVR	Precision Voltage Reference
PSA	Power Servo Amplifier	PV RAM	Progressive Valve Ram
PSAP	Plane Stress Analysis and Plots	PVS	Performance Verification System
PSC	Post Storage Checkout	PTV	Pressure Volume Temperature; Probe Velocity Transducer
PSD	Phase Sensitive Demodulator; Power Spectra Density	PW	Pulse Width
PSF	Pounds Per Square Foot; Prime Subframe	PWB	Printed Wiring Board
PSF ratio	Payload-Structure-Fuel Ratio	PWD	Power Distribution; Powder
PSI	Plan Speed Indicator; Pounds Per Square Inch	PWF	Propellant Weight Fraction
PSIA	Pounds Per Square Inch Absolute	PWI	Proximity Warning Indicator; Pilot's Warning Indicator
PSID	Pounds Per Square Inch (Differential)	PWM	Pulse Width Modulation
PSIG	Pounds Per Square Inch Gauge	pwr	Power
PSK	Phase Shift Keying	PWR SERVO	Power and Servo Assembly
P SL	Pipe Sleeve	PWS	Portable Water System
PSM	Propellant Storage Module	PWT	Propulsion Wind Tunnel
PSP	Pierced Steel Plank; Personal Survival Pack	PYPH	Polyphase
PSPF	Potential Single Point Failures	P-Y-R	Pitch-Yaw-Roll
PSS	Propulsion Support System; Propellant Supply Subsystem	pyro	Pyrotechnic
PST	Point of Spiral Tangent	P4SR	A heat stress index defined in the dictionary
PSWR	Power Standing Wave Ratio		Q
PT	Pressure Transducer; Pneumatic Tube; Power Transfer; Point of Tangent; Potential Transformer; Propellant Transfer	Q	Aerodynamic Pressure; Mean Annoyance Level
PTA	Pulse Torquing Assembly; Proposed Technical Approach	QA	Quality Assurance; Quick Acting
P/T	Pressure Temperature	Q/A	Quality Assurance
PTC	Portable Temperature Control; Pressure & Temperature Control; Propulsion Test Complex	QC	Quality Control
PTFE	Polytetrafluorethylene	QCE	Quality Control Engineer
PTI	Preliminary Test Information	QCM	Quartz Crystal Micro Balance
PTIS	Propulsion Test Instrumentation System	QD	Quick Disconnect
PTM	Proof Test Model; Pulse Time Modulation; Pulse Time Multiplex	QDM	Magnetic bearing of an aircraft from a ground station
PTMD	Propellant Toxicity Monitoring Devices	QDR	Reciprocal of QDM
PTMU	Power & Temperature Monitor Unit	QEC	Quick Engine Change
PTO	Power Take-Off; Proof Test Orbiter	QF	Quality Factor; Quick Firing
PTP	Preferred Target Point	Q factor	In bombing, a factor representing the ratio of the velocity of the differential ballistic wind to the velocity of the wind at release altitude
PTPS	Propellant Transfer Pressurization System	QFE	Aircraft altitude above intended landing place
PTR	Preliminary Test Report	QI	Quantity Indicator
PTS	Pneumatic Test Set; Propellant Transfer System; Prep-to-Ship	QIP	Quality Inspection Point
PTT	Push-to-Talk	QLDS	Quick Look Data Station
PTTI	Precise Time and Time Interval	QNH	Aircraft altitude above sea level
PTV	Parachute Test Vehicle; Pitch Thrust Vector	QPL	Qualified Product List
PTVC	Pitch Thrust Vector Control	QRC	Quick Reaction Capability
PU	Pick Up; Propellant Utilization; Propulsion Unit	QRSV/TOL	Quiet, Reduced, Short, Vertical Take-Off and Landing
P/U	Pick Up	QSTOL	Quiet Short Take-Off and Landing
pub	Publication	qt	Quadruple; Quart
PUCS	Propellant Utilization Control System	qty	Quantity
PUFL	Pump Fed Liquid	qtz	Quartz
PUGS	Propellant Utilization Gauging System	QUAD	Four engine cluster; Quadrant
PU System	Propellant Utilization System	QUEST	Quality Electrical Systems Test
PV	Present Value	QUESTOL	Quiet Experimental Short Take-Off and Landing
PVAC	Peak Volts Alternating Current	QVT	Quality Verification Testing

R

R	Range; Rollout; Routine; Rankine; Roentgens	RATT	Radio Teletype; Radio Teletypewriter
RA	Right Ascension; Reliability Assessment	RB	Radar Beacon; Relative Bearing; Reconnaissance Bomber
R/A	Right Ascension; Radius of Action; Radioactive; Radar Altimeter	R/B	Radar Beacon (RB is Preferred)
RAAWS	Radar Altitude and Warning System	RBA	Recovery Beacon Antenna (VHF)
RAC	Reliability Assessment of Components	RBC	Redundant Battery Charger
RACC	Radiation and Contamination Control	RBDE	Radar Bright Display Equipment
RACE	Rapid Automatic Checkout Equipment	RBE	Radiation Biological Effectiveness
RACEP	Random Access & Correlation for Extended Performance	RBN	Radio Beacon Omnidirectional
RACON	Radar Beacon	RBP	Return Battery Pack
RACS	Remote Automatic Control System	RBR	Radar Boresight Range
RAD	Radiation; Requirements Action Directive; Radial; Radiator; Radiation Absorbed Pose; Radian; Research and Advanced Development	RBS	Random Barrage System; Recoverable Booster System; Radar Bomb Scoring; Radar Bombardment System
RADA	Random Access Discrete Address	RBV	Return Beam Vidicon (Camera)
RADAC	Radar Analog Digital Data and Control	RC	Resistance Capacitor; Remote Control; Reverse Current
RADAR	Radio Detection & Ranging	R/C	Radio Command; Radio Control; Rate of Climb; Range Clearance
RADATA	Radar Data Transmission & Assembly	RCAT	Radio Controlled Airplane Target
RADCM	Radar Countermeasures and Deception	RCB	Ready Crew Building
RADEM	Random Access Delta Modulation	RCC	Rescue Co-ordination Centre; Rescue Control Center
RADFAC	Radiating Facility	RCCB	Remote Control Circuit Breaker
RADHAZ	Radiation Hazards	RCDR	Recorder
RADI	Radiographic Inspection; Radiation Inspection	RCI	Radar Coverage Indicator
RADIAC	Radioactivity Detection and Computation	RCL	Reliability Control Level
RADOT	Real Time Automatic Digital	RCM	Radar Countermeasure(s); Radio-Controlled Mine
RadSo	Radiological Survey Officer	RC/OC	Reverse Current/Overcurrent
RADVS	Radar Altimeter and Doppler Velocity Sensor	RCP	Right Circular Polarization; Remote Control Panel
RAE	Range Azimuth Elevation	rcpt	Receipt
RAGF	Remote Air/Ground Facility	RCS	Reaction Control System; Re-Entry Control System; Remote Control Center
RAI	Roll Attitude Indicator	RCTSR	Radio Code Test, Speed of Response
RAIDS	Rapid Availability of Information and Data for Safety	RCU	Remote Control Unit
RAILS	Remote Area Instrument Landing Sensor	RCV	Radar Control Van
RAIS	Range Automated Information System	RCZ	Rear Combat Zone
RAM	Random Access Measurement; Random Access Memory; Radar Absorbing Material; Radio Attenuation Measurements; Remote Area Monitoring	R & D	Research and Development
RAMIS	Rapid Automatic Malfunction Isolation System	RD	Radiation Detection; Rupture Disk
RaOb	Radiosonde Observation	RDB	Research and Development Board; Radar Decoy Balloon
RAP	Reliable Acoustic Path; Rocket Assisted PRojectile	RDD	Required Delivery Date
RAPCON	Radar Approach Control Center	RDF	Early SecurityCode for Radar; Radio Direction Finding
RAPEC	Rocket Assisted Personnel Ejection Catapult	RDMU	Range-Drift Measuring Unit
RAR	Reliability Action Report	RD & P	Research, Development and Production
RARE	Ram Air Rocket Engine	rdr	Radar
RAS	Rectified Airspeed	RDR INT	Radar Intermittent
RASERS	Radio Amplification by Simulated Emission of Radiation	RDRBCN	Radar Beacon
RASM	Remote Analog(ue) Submultiplexer	rdsg	redesignate
RASSR	Reliable Advanced Solid State Radar	RDSM	Remote Digital Submultiplexer
RAT	Rocket Assisted Torpedo; Reliability Assurance Test	RDTE	Research, Development, Text & Evaluation
RATA	Rankine Cycle Air Turboaccelerator	rdvu	Rendez-Vous
RATAC	Radar Target Acquisition	RDX	Cyclonite
RATAN	Radar and Television Aid to Navigation	RDY	Ready
RATCC	Radar Air Traffic Control Center	R/E	Re-Entry
RATO	Rocket-Assisted Take-Off	READI	Rocket Engine Analyzer & Decision Instrumentation

Rebecca	A particular form of airborne interrogator and responder	RHR	Roughness Height Rating; Reheater
RECAT	Reduced Energy Consumption for Commercial Air Transport	R/HR	Roentgen Per Hour
RECCE or RECON	Reconnaissance	R & I	Receiving and Inspection
recd	Received	RIF	Reduction In Force
recm	Recommend	RI-FI-Meter	Radio Interference and Field Intensity Meter
recog	Recognition	RIG	Rate Integrating Gyro; Radio Inertial Guidance
RECON	Remote Control; Reconnaissance	RIGS	Runway Identifiers and Glide Slope
RECP	Receptacle	RIN	Regular Inertial Navigator
ref	Reference	RINAL	Radar Inertial Altimeter
regen	Regenerate	RIPS	Radio Isotope Power System
reht	Reheat	RISE	Research In Supersonic Environment
REle	Radio Electrician	RIST	Radar Installed System Tester
REM	Roentgen Equivalent Man; Removable; Reliability Engineering Model; Reaction Engine Module	rj	Ramjet
REMCO	Rear Echelon Maintenance Combined Operation	RJB	Relay Junction Box
RENDZ	Rendez-Vous	RJS	Reaction Jet System
RENE	Rocket Engine/Nozzle Ejector	R/L	Redline
REP	Range Error Probability	RLBM	Rearward Launched Ballistic Missiles
RepCAT	Report Corrective Action Taken	RLF	Remote Lift Fan
RESCU	Rocket Ejector Seat, Catapult Upward; Radio Emergency Search Communications Unit	RLS	Radius of Landing Site
RESS	Radar Echo Simulation Subsystem	RLVS	Recoverable Launch Vehicle Structure
REST	Re-Entry Environment & Systems Technology	rly	Relay
REV	Re-Entry Vehicle; Reverse; Revolution	RMI	Radio Magnetic Indicator
RF	Reconnaissance Fighter; Radio Frequency; Representative Fraction	RML	Radar Microwave Link
R/F	Reserve Forces	RMS	Root Mean Square
RFB	Request for Bid	rmt	Remote
RFC	Radio Facility Charts	RMU	Remote Maneuvering Unit; Remote Multiplexer Unit
RFI	Radio Frequency Interference	RNAV	Area Navigation
rfl	Refuel	rng	Range
RFM	Refuelling Mission; Reactive Factor Meter	RNS	Reusable Nuclear Shuttle
RFNA	Red Fuming Nitric Acid	RNV	Reusable Nuclear Vehicle
RFP	Request for Proposal	RO	Range Operations; Read-Out; Radar Operator
RFQ	Request for Quote	R/O	Read-Out
RG	Rate Gyroscope	ROBIN	Rocket Balloon Instrument
RGA	Rate Gyro Assembly	ROBO	Rocket Bomber
RGE	Relative Gas Expansion	ROC	Re-Usable Orbital Carrier
RGP	Rate Gyro Package	ROD	Rate Of Descent
RGS	Rocket Guidance System; Radio Guidance System; Rate Gyro System	ROLS	Recoverable Orbital Launch System
RGU	Rate Gyro Unit	ROMANS	Remote Manipulation Systems
RH	Relative Humidity; Right Hand	RON	Remain Overnight
RHAW	Radar Homing And Warning	ROT	Re-Usable Orbital Transport; Rotation
RHC	Rotation Hand Control; Right Hand Circular	ROTE	Range Optical Tracking Equipment
RHCP	Right Hand Circular Polarization	ROTI	Recording Optical Tracking Instrument
rhd	Railhead	ROV	Remote Operated Valve
RHE	Radiation Hazard Effects	RPI	Radar Precipitation Integrator; Roll Position Indicator
rheo	Rheostat	RPM	Rate Per Minute; Revolutions Per Minute; Roll Positioning Mechanism
RHI	Range Height Indicator	RPRV	Remotely Piloted Research Vehicle
		RPS	Revolutions Per Second
		rpt	Report; Repeat
		RPU	Radio Propagation Unit; Remote Processing Unit
		RPV	Remotely Piloted Vehicle
		R & QA	Reliability & Quality Assurance
		rqts	Requirements
		RR1	Range Rate Indicator
		RRS	Retrograde Rocket System; Restraint Release System

RRT	Rendezvous Radar Transponder	RV	Rear View; Relief Valve; Re-Entry Vehicle; Reconnaissance Vehicle; Rendez-Vous Vehicle
RS	Range Safety	R/V	Re-Entry Vehicle; Rendez-Vous
R/S	Remote Site; Range Safety	RVCF	Remote Vehicle Checkout Facility
RSB	Range Safety Beacon	RVM	Reactive Voltmeter; Re-Entry Vehicle Module
RSC	Range Safety Control; Range Safety Command	RVP	Reid Vapour Pressure
RSCS	Rate Stabilization and Control System	RVR	Runway Visibility Range; Runway Visual Range
RSDP	Remote Site Data Processing	RVTO	Roll Vertical Takeoff
RSDS	Range Safety Destruct System	RVTOL	Rolling Vertical Take-Off and Landing
RSG	Rate Signal Generator	RW	Radiological Warfare
RSI	Re-Usable Surface Insulation; Roll Stability Indicator	R/W	Right of Way
RSLP	Recommended Spare Parts List	RWD	Right Wing Down
rsn	Resonate	RWI	Radar Warning Installation
RSP	Roll Stabilized Platform	rx	Receiver
rsq	Rescue	RZ	Return to Zero
RSR	Route Surveillance Radar	R&Z	Range and Zero
RSRA	Rotor System Research Aircraft.		
RSS	Root Sum Square; Relaxed Static Stability		
RSSK	Rigid Seat Survival Kit	SA	Shaft Angle; Speaker Amplifier; Solar Array; Surface/Air; Simple Alert; Semi-Automatic; Spin Axis
RSSS	Reusable Space Shuttle System	S/A	Special Activities
RSTP	Remote Site Telemetry Processor	S&A	Safe-and-Arm
RSV	Remove Shutoff Valve	S.A.A.	Small-Arms Ammunition
rsvr	Reservoir	SAB	Same as Basic
RT	Real Time; Radio Tracking; Reference Trajectory; Reduction Table; Receive-Transmit; Radiotelephone or Telephony; Run-Up and Taxi; Rocket Target	SABRE	Secure Airborne Radar Bombing Equipment; Search and Rescue Beacon Equipment
R/T	Radio Telephone; Real Time; Receiver/Transmitter; Radio Telephony	SAC	Strategic Air Command (US)
RTB	Return to Base	S/AC	Stabilization and Attitude Control
RTC	Radio Transmission Control; Real Time Command	SACMAP	Selective Automatic Computational Matching & Positioning System
RTCC	Real Time Computation Center	SADIE	Semi-Automatic Decentralized Intercept Environment
RTCE	Rotation/Translation Control Electronics	S.A.E.	Society of Automotive Engineers
RTCP	Real Time Communications Processors	SAGE	Semi-Automatic Ground Environment
RTD	RealTime Display	SAGW	Surface-to-Air Guided Weapon
RTE	Regenerative Turboprop Engines	SAH	Semi-Active Homing
rtf	radiotelephone	SAINT	Satellite Interceptor
RTG	Radiotelegraph; Radioisotopic Thermoelectric Generator; Radioisotopic Thermal Generator; Running Take-Off Autogyro	SAM	Signal Analyzing Monitor; Special Air Mission; Surface to Air Missile
rtg	Rating	SAMOS	Satellite & Missile Observation System; Satellite and Missile Observation Satellite
RTIP	Radar Target Identification Point	SAP	Sintered Aluminum Powder; Semi-Armor Piercing
RTLS	Return to Launch Site	SAPI	Semi-Armour Piercing Incendiary
RTM	Reconnaissance Tactical Missile (Followed by Designator No.); Running Time Meter	SAR	Search and Rescue; Synthetic Aperture Radar; System Array Radar
rtn	Return; Retain	SARAH	Search and Rescue and Homing
RTO	Rejected Take-Off	SARIE	Selective Automatic Radar Identification Equipment
RTS	Radar Target Simulator; Radar Tracking Station; Remote Tracking Station	SARPS	Standards and Recommended Practices
rtt	Radio Teletypewriter	SARS	Single-Axis Reference System
RTTD	Real Time Telemetry Data	SAS	Solar Array System; Space Activity Suit; Sample Array System; Stability Augmentation System
RTTS	Real Time Transmission System	SAT	Satisfactory; Saturate; Systems Acceptance Tests
RTTV	Real Time Television	SATAN	Sensor for Airborne Terrain Analysis
RTTY	Radio Teletype	SATCO	Senior Air Traffic Control Officer
RTV	Re-Entry Test Vehicle; Research Test Vehicle; Room Temperature Vulcanizing	SATCOM	Satellite Communications
RU	Roughness Unit; Refrigeration Unit	SAT GCI	Satellite Ground Controlled Interception
R & U	Repairs and Utilities	SATIN	Sage Air Traffic Integration
RUCS	Rectangular Uniform Chromaticity Scale		

S

SAtk	Strike Attack	SCR THD	Screw Thread
SATS	Short Airfield for Tactical Support	SCS	Signal Communications System; Stabilization and Control System; Spacecraft System; Standard Coordinate System; Simulation Control Sub-System; Signal Conditioning System; Sequence Control System
SB	S-Band; Sleeve Bearing; Splash Block; Space Base	SCSCO	Secure Submarine Communications
SBA	Standard Beam Approach; Standard Blind Approach	SCSS	Satellite Communications System Control
SBHC	Speed Brake Hand Control	SCT	Scanning Telescope
SBILS	Scanning Beam Instrument Landing System	SCU	Static Checkout Unit; Sequence Control Unit; Statistical Control Unit
SBL	Standard Beam Landing	SCUBA	Self Contained Underwater Breathing Apparatus
sbn	Spaceborne	SD	Self-Destroying (Ammunition); Standard Deviation; Structural Dynamics
SBR	Standard Budy Rate (Air Traffic Control)	SDA	Shaft Drive Axis
sbtg	Sabotage	SDC	Signal Data Converter
SBX	S-Band Transponder	SDESG	Strap-Down Electrically Suspended Gyro
sby	Standby	SDF	Simplified Direction Facility; Single Degree of Freedom
SC	Short Circuited; Statistical Control; Stratocumulus; Shaped Charge; Spacecraft; Strip Chart	SDP	Site Data Processor
S/C	Spacecraft	sdr	Sender
S&C	Signal & Conditioning; Stabilization and Control	SDS	Safety Data Sheet; Simulation Data Subsystem; System Data Synthesizer
SCA	Sequence Control Area; Signal Conditioning Assembly; Spacecraft Adapter	SDSS	Self-Deploying Space Station
SCALE	Space Checkout & Launch Equipment	SDW	Standing Detonation Wave
SCAM	Subsonic Cruise Attack Missile	SE	Support Equipment; System Element; Single Engine
SCAMP	Sperry Computer Aided Message Processor	SEA	Spherical Electrostatic Analyzer
SCAN	Self Correcting Automatic Navigation; Switched Circuit Automatic Network	SEALS	Severe Environmental Air Launch Study
SCAP	Silent Compact Auxiliary Power	SEATO	Southeast Asia Treaty Organization
SCAPE	Self Contained Atmospheric Protective Ensemble	SEC	Secondary Electron Conduction (Vidicon tube); Second
SCAR	Sub-Caliber Aircraft Rocket; Satellite Capture and Retrieval	SECANT	Separation Control of Aircraft by Nonsynchronous Techniques
SCAT	Security Control of Air Traffic; Space Communication and Tracking; Speed Control Approach/Take-Off; Supersonic Commercial Air Transport; Solid Catalysts	SECO	Sequential Control
SCATER	Security Control of Air Traffic and Electromagnetic Radiations	SECPS	Secondary Propulsion System
SCATS	Simulation Checkout and Training System	SEDS	Sequential Dual-Scanning System; Space Electronics Detection System
SCC	Stress Corrosion Cracking; Standard Cubic Centimeter	SEEL	Special Weapons Equipment List
SCE	Signal Conditioning Equipment	SE&I	Systems Engineering & Integration
SCEA	Signal Conditioning Electronics Assembly	SELT	Self-Eject Launch Technique
SCF	Satellite Control Facility; Sequence Compatability Firing	SEM	Space Environment Monitor; Scanning Electron Microscope
SCFM	Standard Cubic Feet Per Minute	SEMLAM	Semi-Conductor Laser Amplifier
SCG	Sequential Control Guidance	SEMLAT	Semi-Conductor Laser Array Techniques
SCGSS	Super-Critical Gas Storage System	SENEL	Single Event Noise Exposure Level
SCIM	Standard Cubic Inch Per Minute	SENL	Standard Equipment Nomenclature List
SCIP	Self-Contained Instrument Package	SEP	Solar Electric Propulsion; Surface Electrical Properties
SCM	Signal Conditioning Module; Service Command Module	SERJ	Space Electric Ramjet
SCN	Specification Change Notice	SER NO	Serial Number
SCNR	Solid-Core Nuclear Rocket	SERPS	Service Propulsion System
SCO	Subcarrier Oscillator; Spacecraft Operations	SERT	Space Electric Rocket Test
SCOMO	Satellite Collection of Meteorological Observations	SERV	Single-Stage Earth-Orbital Re-Usable Vehicle
SCOR	Self-Calibrating Omnirange	SET	Solar Energy Thermionic
SCORE	Signal Communications by Orbiting Relay Equipment	SETA	Simplified Electron Tracking Apparatus
SCOTS	System Checkout Test Set	SETS	Solar Energy Thermionic Conversion System
SCP	Spherical Candlepower; Survey Control Point	SEW	Sonar Early Warning
SCPt	Security Control Point	SF	Secondary Failure; Scale Factor
SCR	Silicone Controlled Rectifier; Selective Chopper Radiometer; Solar Cosmic Rays		
SCRAMJET	Supersonic Combustion Ramjet		

S/F

ABBREVIATIONS AND ACRONYMS

S/F	Safety Factor	SLAM	Space Launched Air Missile; Supersonic Low Altitude Missile
SFB	Structural Feed Back	SLANT	Simulator Landing Attachment for Night Landing Training
SFC	Specific Fuel Consumption	SLAR	Side Looking Airborne Radar
SFE	Scale Factor Error	SLBM	Sub-Marine Launched, Ballistic Missile; Sea Launched Ballistic Missile
sfgd	Safeguard	SLEW	Static Load Error Washout System
SFNA	Stabilized Fuming Nitric Acid	SLI	Sea Level Indicator
SFO	Service Fuel Oil	SLOS	Star Line-of-Sight; Scanning Line of Sight
SFP	Single Failure Point	SLR	Side-Looking Radar; Solar
SFPA	Single Failure Point Analysis	SLS	Sea Level Static; Sidelobe Suppression
SFT	Simulated Flight Test	SLT	Simulated Launch Test
SG	Strain Gauge; Surgeon General; Smoke Generator	SLV	Standard Launch Vehicle; Satellite Launching Vehicle; Space Launch Vehicle
SGLS	Space Ground Link System	SM	Service Module; Strategic Missile; Solar Magnetospheric
SGT	Satellite Ground Terminal	S/M	Service Module
SHA	Sidereal Hour Angle	S & M	Sequencer and Monitor
SH ABS	Shock Absorber	SMAF	Special Mission Aircraft Flights
SHe	Supercritical Helium	SMART	Satellite Maintenance & Repair Techniques
SHEP	Solar High Energy Particles	SMCC	Simulation Monitor and Control Console
SHF	Super-High Frequency	SMD	Systems Measuring Device
SHIELD	Sylvania High Intelligence Electronic Defense	SMM	Spectral Matrix Method
SHIRAN	S-Band of High Precision Short Range Electronic Navigation	SMMD	Specimen Mass Measurement Device
SHORAD	Short Range Air Defence	SMMR	Scanning Multispectral Microwave Radiometer
SHORAN	Short Range Aid to Navigation; Short Range Navigation	SMRD	Spin Motor Rotation Detector
shp	Shaft Horsepower	SMS	Synchronous-Altitude Meteorological Satellite
SHR	Solar Heat Reflecting	SMT	Square Mesh Tracking
SI	Situation Index	S/N	Signal-to-Noise Ratio; Serial Number
SIAM	Signal Information and Monitoring	SNAP	Systems For Nuclear Auxiliary Power
SIBS	Stellar-Inertial Bombing System	SNL	Standard Nomenclature List
SICO	Switched in For Checkout	SNOWCAT	Support of Nuclear Operations with Conventional Air Tactics
SID	Synchronous Identification System; Standard Instrument Departure; Sudden Ionospheric Disturbance	SNR	Signal-to-Noise Ratio
SIDS	Stellar Inertial Doppler System	S/O	Switchover; Shutoff
SIF	Selective Identification Feature; Special Identification Feature; Switched In-Flight	SOA	State-of-the-Art; Speed of Advance
sig	Signal	SOAP	Self-Optimizing Automatic Pilot
SIL	Speech Interference Level	SOAR	Safe Operating Area
SIM	Scientific Instrument Module; Simulated	SOCO	Switched Out For Checkout
SIMCHE	Simulation and Checkout Equipment	SOCOM	Solar Optical Communications System
SIMICORE	Simultaneous Multiple Image Correlation	SOCS	Spacecraft-Orientation-Control System
SIO	Staged in Orbit	SOEP	Solar-Oriented Experiment Package
SIP	Standard Inspection Procedure	SOFAR	Sound Fixing and Ranging
SIR	Simultaneous Impact Rate; Strip Inspection Report	SOG	Speed Made Good Over Ground
SIRS	Satellite Infrared Spectrometer	SOI	Standard Operating Instruction; Space Object Identification; Specific Operating Instruction
SIS	Satellite Interceptor System; Speaker Intercom System	sol	Solenoid; Solar
SIT	Software Integration Test	SOLARIS	Submerged Object Locating & Retrieving/Identification System
SITE	Spacecraft Instrumentation Test Equipment	SOLO	Selective Optical Lock On
SITS	Sage Intercept Target Simulation	SOLRAD	Solar Radiation
SITVC	Secondary Injection Thrust Vector Control	SONAR	Sound Navigation & Ranging
SJR	Single Jet-Driven Rotor	SONCM	Sonar Countermeasures and Deception
sked	Schedule	sono	Sonobuoy
SL	Sea Level; Service Life	SONOAN	Sonic Noise Analyzer
S/L	Sound Locator		
SLAG	Safe Launch Angle Gate		

ABBREVIATIONS AND ACRONYMS

stab

SOP	Strategic Orbit Point; Safety Operating Procedure; Standard Operating Procedure; Secondary Oxygen Pack	SRA	Simultaneous Range Adcock Antenna; Spin Reference Axis; Surveillance Radar Approach
SOR	Specific Operational Requirement; Stable Orbit Rendez-Vous	SRAM	Short Range Attack Missile
SORAD	Sonic Ranging & Detection	SRB	Solid Rocket Booster
SORTI	Satellite Orbital Track & Intercept	SRBM	Short Range Ballistic Missile
SOS	Stabilized Optical Sight	SRC	Sound Ranging Control
SOSTEL	Solid-State Electronic Logic	SRE	Surveillance Radar Equipment; Single Round Effectiveness; Surveillance Radar Element
SOTIM	Sonic Observation of the Trajectory & Impact of Missiles	SRG	Short Range
SOV	Shut-Off Valve	SRGM	Short Range Guided Missile
SOW	Statement of Work	SRM	Solid Rocket Motor; Strategic Reconnaissance Missile
SP	Single Pole; Solid Propellant; Short Period; System Parameter; Start Permission; Self-Propelled	SRS	Space Recovery Systems; Secure Range Safety; Search and Rescue Ship; Small Research Satellite; Satellite Radar Station
SPA	Servo-Power Assembly; Signal Processing Assembly	SRT	Short Range Transport (Aircraft); Systems Readiness Test; System Reaction Time; Supporting Research and Technology
SPAD	Satellite Protection for Area Defense	SRU	Sub-Replaceable Unit; Shop Replaceable Unit
SPADATS	Space Detection & Tracking System	SRV	Space Rescue Vehicle
SPAN	Solar Particle Alert Network; Spacecraft Analysis	SS	Submarine; Surface-to-Surface; Special Strike; Surveillance Station; Standard Frequency Station; Signal Strength; Single Sideband; Supersensitive; Switch Selector; Space Station; Steady State; Subsolar; Space Shuttle
SPANRAD	Superposed Panoramic Radar Display	S/S	Second Stage; Single Sideband; Samples Per Second
SPAR	Seagoing Platform for Acoustic Research; Surveillance and Precision Approach Radar	SSA	Space Suit Assembly
SPARES	Space Radiation Evaluation System	SSAR	Spin Stabilized Aircraft Rocket
SPARS	Space Precision Attitude Reference System	SSB	Single Sideband; Bassile Missile Submarine (Diesel Powered)
SPASUR	Space Surveillance System	SSBAM	Single Sideband Amplitude Modulation
SPDT	Single-Pole Double-Throw	SSBN	Ballistic Missile Submarine Nuclear Powered
SPE	Solid Polymer Electrolyte; Static Phase Error; Special Purpose Equipment	SSBR	Solid Strand Burning Rate
SPEC	Specification	SSC	Simulated Spacecraft
SPEED	Signal Processing in Evacuated Electronic Devices	SSG	Submarine, Guided Missile (Diesel Powered)
SPFA	Single Point Failure Analysis	SSGN	Nuclear Powered, Cruise Missile Submarine
SPFP	Single Point Failure Potential	SSGW	Surface-to-Surface Guided Weapon
SPG	Single Point Ground	SSI	Standing Signal Instructions
SPGG	Solid Propellant Gas Generator	SSKD	Single Shot Kill Probability
SPI	Special Position Identification	SSLV	Standard Space Launch Vehicle
SPIRT	Short Path Infrared Tester	SSM	Surface-to-Surface Missile; Single Sideband Modulation; Space Station Module; Spread Spectrum Modulation
spkr	Speaker	SSME	Space Shuttle Main Engine
SPL	Sound Pressure Level	SSPS	Satellite Solar Power Station
SPM	Self-Propelled Mount; Solar Proton Monitor	SSR	Secondary Surveillance Radar; Submarine, Radar Picket
SPMS	Solar Particle Monitoring System	SSRS	Start-Stop-Restart System
SPR	Solid Propellant Rocket	SSS	Space Shuttle System; Small Scientific Satellite; Structures Subsystem; Strategic Support Squadron
SPRA	Space Probe Radar Altimeter	SSSL	Supersonic Split Line
SPRAM	Solid Propellant Airaugmented Rocket Motor	SST	Supersonic Transport; Stainless Steel; Sea Surface Temperature; Satellite-to-Satellite Tracking
SPREE	Solid Propulsion Rocket Exhaust Effects	SSV	Space Shuttle Vehicle
SPRINT	Solid Propellant Rocket Intercept Missile	ST	Short Ton; Star Tracker; Static
SPS	Secondary (Services) Propulsion System; Service Propulsion System; Spacecraft Propulsion System; Samples Per Second; Secondary Power System; Signal Processing System	S/T	Start Tank
SPST	Single-Pole Single-Throw	S&T	Science and Technology
SPU	Signal Processing Unit	st	Stratus
SPUR	Space Power Unit Reactor	stab	Stability; Stabilize
SPURT	Spinning Unguided Rocket Trajectory		
SQ FT	Square Foot		
SQ IN	Square Inch		
SQR	Sequence Relay		
SR	Short Range		
S/R	Send and Receive		

STADAN

STADAN	Satellite Tracking and Data Acquisition Network
ST ANT	Steerable Antenna
STAPAC	Stabilization Package
STAR	Stellar Attitude Reference; Standard Arrival Route
STARAN	Stellar Attitude Reference & Navigation
STARS	Satellite Telemetry Automatic Reduction System
ST/B	Shot Blasting
stbd	Starboard
STDN	Space Tracking Data Network
STC	Sensitivity Time Control; Systems Test Complex
stcu	Stratocumulus
STD	Standard
STD CFM	Standard Cubic Feet Per Minute
STE	Special Test Equipment; Spacecraft Test Engine; Support Test Equipment
STEM	Storable Tubular Extendible Member
ster	Steradian
STF	Static Test Facility
StgAr	Staging Area
STgt	Secondary Target
STINGS	Stellar Inertial Guidance System
STLOS	Star Line-of-Sight
STM	Structural Test Model
STMU	Special Test and Maintenance Unit
STN	Station
STOGW	Short Take-Off Gross Weight
STOL	Short Take-Off and Landing
STP	System Test Plan; Standard Temperature and Pressure
STRIP	Standard Taped Routiness for Image Processing
STS	Satellite Tracking Station; Space Transportation System
STTE	Special-to-Type Test Equipment
STU	Systems Test Unit; Static Test Unit
STV	Surveillance Television; Structural Test Vehicle; Space Test Vehicle
STWY	Stopway
SUAS	System for Upper Atmospheric Sounding
SUM	Surface to Underwater Missile
SUS	Sound Under Water Signals
SV	safety Valve; Solenoid Valve; Space Vehicle; State Vector
S/V	Space Vehicle
SVFR	Special VFR Flight
SVR	Slant Visual Range
S/VTOL	Short/Vertical Take-Off and Landing (aircraft)
SW	Short Wave; Solar Wing; Switch
SWB	Short Wheelbase
swgr	Switchgear
SWOP	Structural Weight Optimization Program
SWP	Safe Working Pressure
SWR	Standing Wave Ratio; Short Wavelength Radiation
SWS	Solar Wind Spectrometer
SWT	Supersonic Wind Tunnel
SWW	Severe Weather Warning
SXT	Space Sextant

ABBREVIATIONS AND ACRONYMS

SYCATE	Sympton-Cause-Test
syn	Synthetic
sync	Synchronous
syncom	Synchronous Communications Satellite
systran	Systems Analysis Translator
T	
T	Temperature
TA	Target Area; Training Air Cooled; Throttle Angle
tab	Tabulate
TAC	Total Average Cost; Turboalternator-Compressor; Tactical Air Coordinator
TACAN	Tactical Air Navigation
TACC	Tactical Air Control Center
TACCAR	Time Averaged Clutter Coherent Airborne Radar
TACCO	Tactical Coordinator
TACH	Tachometer
TACL	Time and Cycle Log
TACOS	Tactical Air Combat Simulation
TACP	Tactical Air Control Party
TACR	Time and Cycle Record
TACRON	Tactical Air Control Squadron
TACS	Thruster Attitude Control System; Tactical Air Control System
TACSATCOM	Tactical Satellite Communication
TAD	Tactical Air Direction; Tactical Air Division; Training Aids Division; Target Area Designator
TAER	Time, Azimuth, Elevation Range
TAF	Tactical Air Force
TAI	Time-to-Auto-Ignition
TAME	Tactical Missile Encounter
TAO	Tactical Air Observation
TAP	Telemetry Acceptance Pattern
TAPE	Tape Automatic Preparation Equipment; Tactical Air Power Evaluation
TAPS	Tactical Area Positioning System
TAR	Terrain Avoidance Radar; Terminal-Area Surveillance Radar
TARAN	Test and Replace as Necessary
TARE	Telemetry Automatic Reduction Equipment
TARS	Three Axis Reference System; Terrain and Radar Simulator
TAS	True Airspeed
TASR	Terminal Air Surveillance Radar
TATC	Terminal Air Traffic Control
TATI	Total Air Temperature Indicator
TAV	Test and Validation
TAZ	Tactical Alert Zone
TB	Terminal Board; Technical Bulletin; Time Base; Talkback; Torpedo Bombing
T/B	Talk Back
TBA	To Be Announced
TBD	To Be Determined
TBE	Time Base Error
TBF	Tail Bomb Fuse; Torpedo Bomber Fighter
TBM	Tactical Ballistic Missile
TBO	Time Between Overhaul

TBS	To Be Supplied; To Be Selected	TDWT	Transonic Dynamic Wind Tunnel
TC	Thrust Chamber; Technicolor; Test Controller; Test Console; Tracking Camera; Thermal Control; Total Cost; True Course; Troop Carrier; Transport Cargo; Tactical Command	TDX	Torque Differential Transmitter
T/C	Thermocouple	TE	Twin Engine; Task Element; Thermal Efficiency; Table of Equipment; Trailing Edge; Thermal Element; Timing Electronics
TCA	Thrust Chamber Assembly; Time of Closest Approach; Temperature Control Assembly; Terminal Control Area	T/E	Transporter-Erector
TCAL	Total Calorimeter	TEC	Tract Evaluation Computer; Total Electron Content; Telemetry and Command
TCB	Time Correlation Buffer	TEI	Transearth Injection
TCBM	Transcontinental Ballistic Missile	TEIC	Tissue-Equivalent Ionization Chamber
TCC	Terminal Control Center; Transport Control Centre; Tactical Control Console	TEJ	Transverse Expansion Joint
TCD	Telemetry Command Data	TEL	Transporter Erector Launcher
TCE	Telemetry Checkout Equipment	tel	Telemetry
TCG	Time Code Generator	TELECON	Telephone Conversation
TCH	Thrust Chamber	TELEDAC	Telemetric Data Converter
TCI	Terrain Clearance Indicator; Time Change Item	TELOPS	Telemetry On-Line Processing System
TCL	Time and Cycle Log	TELTA	Tethered Lighter Than Air
TCM	Theatre Combat Simulation	TEM	Transverse Electromagnetic
TCO	Test Control Officer	temp	Temporal; Temperature; Template
T & C/O	Test and Checkout	TEMPISTORS	Temperature Compensating Resistors
TCOP	Test and Checkout Plan	TEMS	Test Equipment Maintenance Set
TCP	Telemetry and Command Processor; Thrust Chamber Pressure; Traffic Control Post; Test and Checkout Procedure	TEP	Trace Element Pattern
TCR	Temperature Control Reference	TER	Triple Ejection Rack; Tertiary
TCS	Technical Countdown Sequences; Terminal Count Sequence; Thermal Control System	term	Terminate
TCSC	Trainer Control and Simulation Computer	TERMTRAN	Terminal Translator
TCTO	Time Compliance Technical Order	TET	Turbine Entry Temperature; Telescope and Electron Telescope; Total Elapsed Time
TCU	Temperature Control Unit	TETR	Test and Training
TCXO	Temperature-Controlled Crystal Oscillator	TEVROC	Tailored Exhaust Velocity Rocket
TD	Technical Directive; Touchdown; Time Delay; Transmitter Distributor	TEW	Tactical Electronic Warfare
TDA	Tracking & Data Acquisition; Tunnel Diode Amplifier	TEWA	Threat Evaluation and Weapons Assignment
TDC	Top Dead Center; Time Delay Closing	TF	Terrain Following; Test Flight; Trainer Fighter; Tactical Fighter; Terminal Frame; Torpedo Fighter; Task Force; Tank Farm; Test Fixture
TDD	Target Detection Device	TFA	Transfer Function Analyzer
TDDL	Time Division Data Link	TFC	Terminal Flight Control; Total Fuel Consumption
TDDO	Time Delay Drop Out	tfc	Traffic
TDDS	Television Data Display System	TFE	Time From Event
TD & E	Transposition, Docking and Ejection	TFF	Time of Free Fall
TDF	Two-Degree-of-Freedom	TFM	Turbine Flowmeter
TDH	Tracking Data Handling	TFR	Terrain-Following Radar
TDI	Target Data Inventory	TFT	Threshold Failure Temperatures
TDM	Time Division Multiplex	TFX	Tactical Fighter - Experimental
TDMA	Time Division Multiple Access	TG	Telegraph; Telegram; Task Group; Traffic Guidance; Tuned Grid
TDO	Time Delay Opening	T&G	Tongue & Groove
TDP	Tracking Data Processor; Temperature and Dewpoint	TGG	Temporary Geographic Grid
TDR	Time Domain Reflectometer; Time Delay Relay; Torque Differential Receiver; Torque Differential Repeater	TGL	Touch-and-Go Landing
T&DR	Tracking and Data Relay	tgl	Toggle
TDRS	Tracking Data Relay Satellite	TGMA	Tone Generator and Master Alarm
TDRSS	Tracking and Data Relay Satellite System	TGS	Telemetry Ground Station
TDS	Test Data Sheet; Technical Data System; Tracking and Data System; Thermal Degradation Sample; Tactical Data System; Test Data System	TGSE	Telemetry Ground Support Equipment; Test Ground Support Equipment
		TGT	Turbine Gas Temperature; Target
		TH	True Heading
		THC	Thrust Hand Controller; Translational Hand Controller
		therm	thermometer

THIR

ABBREVIATIONS AND ACRONYMS

THIR	Temperature-Humidity Infrared Radiometer	TO	Table of Organisation; Technical Order; Theater of Operations (in combinations only); Take-Off
THP	Thrust Horsepower	T/O	Take-Off
thr	Thrust	T-O	Time of Launch
TI	Technical Intelligence; Thermal Imaging	T&O	Test and Operation
TIARA	Target Illumination & Recovery Aid	TOC	Turn of Command; Technical Order Change
TIC	Temperature Indicator Controller	TOD	Time of Delivery
TICE	Time Integral Cost Effectiveness	TOF	Time of Flight
TID	Tactical Information Display (F-14A)	TOG	Target Opportunity Generator
TIDAR	Time Delay Array Radar	TOGW	Take-Off Gross Weight
TIDDAC	Time in Deadband Digital Attitude Control	TOJ	Track on Jamming
TIDES	Time Division Electronics Switching System	TOK	Thrust Okay
TIG	Time of Ignition	TO (Kit)	Technical Order (Kit)
TIGT	Turbine Inlet Gas Temperature	tol	Tolerance
TIG (Welding)	Tungsten Inert Gas (Welding)	TOLIP	Trajectory Optimization and Linearized Pitch
TIIF	Tactical Imagery Interpretation Facility	TOMS	Total Ozone Mapping System
TILS	Tactical Instrument Landing System	TOO	Time of Origin
tim	Timing	TOOL	Test Oriented On-Board Language; Test Operations Oriented Language
TIMM	Thermionic Integrated Micro-Modules	TOP	Torque Oil Pressure
tIm	Telemetry	TOPO	Topographic
TIP	Tracking Impact Prediction; Target Identification Point; Target Illustration Print; Turbine Inlet Pressure	TOR	Terms of Reference; Time of Receipt
TIPP	Time Phasing Program	TORF	Time of Retrofire
TIR	Total Indicator Reading	torp	Torpedo
TIROS	Television & Infrared Observation Satellite	TOS	Tactical Operations System
TIRP	Total Internal Reflection Prism	TOT	Time Over Target
TIS	Target Information Sheet; Technical Interface Specification	TOW	Table-Launched Optically-Tracked Wire-Guided Missile; Take-Off Weight
TISEO	Target Identification System Electro-Optical	TOWA	Terrain & Obstacle Warning & Avoidance
TIT	Turbine Inlet Temperature	TP	Test Point; Turbopump; Test Plan; Test Procedure; Terminal Point; Target Practice
TJ	Turbo Jet; Thermal Junction; Temperature at Junction	TPC	Total Program Costs
TJC	Trajectory Chart	TPI	Teeth Per Inch; Target Position Indicator
TJD	Trajectory Diagram	TPM	Terminal Phase Midcourse
tk	Tank	TPMA	Thermodynamics Properties of Metals and Alloys
TL	Tracker Lock	TPN	Two-Position Nozzle
T/L	Transporter/Launcher; Talk/Listen	TPO	Tank Pressurizing Orifice
TLE	Tracking Light Electronics	TPP	Test Point Pace; Total Package Procurement
TLI	Translunar Injection	TPS	Thermal Protection System; Test Procedure Specification
TLS	Terminal Landing System; Telescope; Throttle Lever Setting	TPSI	Torque Pressure in Pounds Per Square Inch
TLV	Threshold Limit Valve	tpx	Transponder
TM	Task Memory; Technical Manual; Tactical Missile; Transverse Magnetic; Technical Manual; Telemetry	TR	Training; Torque Receiver; Torque Repeater; Tactical Reconnaissance; Transmitter/Receiver; Time-to-Retrograde; Tape Recorder
T/M	Telemetry	T/R	Transmit/Receive
TMA	Terminal Control Area	TRA	Tape Recorder Amplifier
TMC	Thrust Magnitude Control	TRAC	Transient Radiation Analysis by Computer
T.M.G. or TMG	Track Made Good	TRACE	Tape-Controlled Recording Automatic Checkout Equipment
TMP	Thermal Mass Penalty	TRACON	Terminal Radar Control
TMR	Triple Modulator Redundant	TRADEX	Target Resolution & Discrimination Experiment
TMRBM	Transportable Medium Range Ballistic Missile	traj	Trajectory
T/M/S or TMS	Type, Model and Series	TRANET	Doppler Tracking Network
TN	Technical Note	trans	Transportation; Transfer
tng	Training	TRAP	Tracker Analysis Program; Terminal Radiation Airborne Program; Tape Recorder Action Plan
TNI	Traffic Noise Index		
tnk	Tank		
TNT	Trinitrotoluene		

TRAPS	Tactical Rapid Access Processing System	TVD	Toxic Vapor Disposal
TRE	Training Equipment	TVOR	Terminal VHF Omnidirectional Range
TREAT	Transient Radiation Effects Automated Tabulation	TVT-O	True Vertical TakeOff
TREE	Transient Radiation Effects on Electronics	TW	Training-Water-Cooled; Trail Warning; Thermal Wire
TRF	Tuned Radio Frequency	T/W	Thrust to Weight Ratio; Thrust Weight
TRFCS	Temperature Rate Flight Control System	TWM	Traveling Wave Maser
TRIA	Telemetry Range Instrumentation Aircraft	TWMR	Tungsten Water Moderated Reactor
trk	Tracking	twr	Tower
trnfr	Transfer	TWS	Track While Scan
trnspn	Transportation; Transporter	TWT	Traveling Wave Tube
TRR	Target Ranging Radar	TWTA	Travelling Wave Tube Amplifier
TRS	Time Reference System; Test Requirement Specification	TWX	Telegram; Teletypewriter Exchange; Teletype Wire Transmission
TRSR	Taxi & Runway Surveillance Radar	TX	Time-Expired; Torque Transmitter; Transmit
TRSSM	Tactical Range Surface-to-Surface Missile	typ	Typical
TRU	Transmitter/Receiver Unit		
TRUMP	Target Radiation Measurement Program		
TS	Test Set; Time Sharing	UAM	Underwater to Air Missile
TSAM	Training Missile	UAUM	Underwater-to-Air-to-Underwater Missile
TSB	Twin Sideband	UC	Unit Cooler
TSDAG	Tri-Service Air Defence Ground Environment	UCA	Upper Control Area
TSE	Transportation and Support Equipment	UCL	Upper Control Limit
TSEQ	Time Sequenced	UCNI	Unified Communication, Navigation, Identification
TSG	Test & Switching Gear	UCO	Universal Code
TSH	Thermodynamic Suppression Head	U/D	Up/Down
TSP	Technical Support Package	UDB	Up-Data Buffer
TSQ	Time Super Quick (Fuses)	UDL	Update Link
TSR	Twin Side-by-Side Rotor	UDMH	Unsymmetrical Dimethyl Hydrazine
TSS	Tactical Strike System; Time Sharing System	UDOP	Ultra-High Frequency Doppler
tstm	Thunderstorm	UDT	Underwater Demolition Team
TT	Target Tug (Aviation); Teletype; Tracking Telescope	UEAC	Unit Equipment Aircraft
T/T	Timing and Telemetry; Terminal Timing	UFO	Unidentified Flying Object
TT&C	Telemetry Tracking and Communications	UH	Unit Heater; Utility Helicopter
TTCV	Tracking Telemetry, Command & Voice	UHF	Ultra-High Frequency
TTE	Time to Event	UI/I	Microinches Per Inch
TTF	Time to Failure; Test to Failure	ukn	Unknown
TTL	Total Time to Launch	ul	Upper Limit
TTQ	Temperature Traverse Quality	U/L	Uplink
TTR	Target Tracking Radar; Twin Tandem Rotors	ULF	Ultra-Low Frequency
TTS	Test and Training Satellite	ull	Ullage
TTT	Time Temperature Transformation	ULMS	Undersea Long-Range Missile System
TTU	Terminal Timing Unit	ULO	Unmanned Launch Operations
TTY	Teletype	ULPR	Ultra-Low Pressure Rocket
TU	Task Unit; Training Unit	ULSV	Unmanned Launch Space Vehicles
tub	Tubing	ult	Ultimate
TUG	Towed Universal Glider	UM	Umbilical Mast
tur	Turret	UMA	Universal Measuring Amplifier; Unmanned Aircraft
turb	Turbine	umb	Umbilical
turbo gen	Turbine Generator	UMI	Unmanned Interceptor
turbopump	Turbine Pump	UNCOL	Universal Computer Oriented Language
TV	Television; Test Vehicle; Terminal Velocity	UND	User Need Date
T/V	Thermal/Vacuum	undk	Undock
TVA	Thrust Vector Alignment	undw	Underwater
TVC	Thrust Vector Control	unf	Unfused
TVCS	Thrust Vector Control System	UNPS	Universal Power Supply

U

unsat Unsatisfactory
 UOC Ultimate Operating Capability
 UPLF Universal Payload Fairing
 UPS Uninterrupted Power Supply
 UPT Undergraduate Pilot Training
 UPWT Unitary Plan Wind Tunnel
 UR Ullage Rocket
 U/R Upset Ratio; Unsatisfactory Report; Up Range
 URBM Ultimate Range Ballistic Missile
 URN Ultra-High Radio Navigation
 USB Upper Surface Blown; Upper Sideband; Unified S Band
 USBE Unified S-Band Equipment
 USE Unit Support Equipment
 USM Underwater to Surface Missile
 USS United States Standard
 USSA United States Standard Atmosphere
 USSG United States Standard Gauge
 ut Universal Time
 U/T Umbilical Tower
 UTC Universal Test Console
 UTE Universal Test Equipment
 UTM Universal Transverse Mercator
 UTTAS Utility Tactical Transport; Aircraft System
 UUM Underwater to Underwater Missile
 UUT Unit Under Test
 UV Under Voltage; Ultraviolet
 UVF Unmanned Vertical Flight
 UV/OV Under Voltage/Over Voltage
 UVS Ultraviolet Spectrometer
 UVASERS Ultraviolet Amplification by Simulated Emission of Radiation
 UVD Under Voltage Device
 UVS Ultraviolet Spectrometer
 UW Unconventional Warfare
 uwtr Underwater
 UXB Unexploded Bomb

V

V Velocity; Volt
 VA Visual Aid; Vulnerable Area; Volt Ampere
 VABD Van Allen Belt Dosimeter
 VAC Vacuum; Volts, Alternating Current
 VAH Heavy Attack Aircraft
 VAL Validation
 VAP Reconnaissance/Attack Aircraft
 vap Vaporizer
 VAPI Vertical Speed and Approach Path Indicator
 VAR Vertical Air Rocket; Visual-Aural VHF Range; Volt-Ampere Reactive; Variation
 var Variable
 VARH Volt-Ampere Reactive Hour
 VARS Vertical and Azimuth Reference System
 VASI VASIS Visual Approach Slope Indicator; Visual Approach Slope Indicator System

VAST Versatile Automatic Specification Tester; Versatile Avionics System Tester
 VATLS Visual Airborne Target Location System
 VB Valve Box; Vertical Bomb
 V/B Vapour Blasting
 VBD Voice Band Data
 VC Voice Coil; Velocity Counter
 V/C Vector Control
 VCD Vertical Climb and Descent
 VCI Volatile Corrosion Inhibitor
 VCL Vertical Center Line
 VCO Voltage Controlled Oscillator
 VCS Ventilation Control System; Velocity Cutoff System
 VDA Variable Depth ASDIC
 VDC Volts, Direct Current
 VDF Video Frequency
 VDI Vertical Display Indicator
 VDP Vehicle Deadlined for Parts
 VDRA Voice and Data Recording Auxiliary
 VDS Variable Depth Sonar
 VDT Variable Density Tunnel
 VDU Visual Display Unit
 VE Value Engineering; Vernier Engine
 VEB Variable Elevation Beam
 vec Vector
 veh Vehicle
 vel Velocity
 Vend Vendor
 verif Verification
 VENITRAC Vernier Tracking by Automatic Correlation
 vert Vertical
 VEWS Very Early Warning System
 VF Interceptor Day Fighter; Voice Frequency
 VF(AW) All Weather Fighter
 VFO Variable Frequency Oscillator
 VFR Vehicle Flight Readings; Visual Flight Rules
 VFT Vertical Flight Test
 VG Velocity Gravity; Variable Geometry; Vertical Gyro
 VGA Very General Algorithm
 VGP Vehicle Ground Point
 VGPI Visual Glide Path Indicator; Visual Ground Position Indicator
 VH Very High
 V/H Velocity-to-Height
 VHAA Very High Altitude Abort
 VHB Very Heavy Bombardment
 VHF Very High Frequency
 VHF/DF Very High Frequency Direction-Finding
 VHRR Very High Resolution Radiometer
 vib Vibration
 vic Vicinity
 VIFCS VTOL Integrated Flight Control System
 VINS Velocity Inertia Navigation System
 VIP Visual Identification Point
 VIPS Voice Interruption Priority System

VIRNS Velocity Inertia Radar Navigation System
 vis Visibility
 VIS ID Visual Identification
 visc Viscous
 VISSR Visible Infrared Spin-Scan Radiometer
 VJ Vacuum Jacketed
 VL Vertical Ladder
 VLA Very Low Altitude
 VLBI Very Long Baseline Interferometry
 VLD Visual Laydown Delivery
 VLF Very Low Frequency; Vertical Launch Facility
 VLR Very Long Range
 vlv Valve
 VM Velocity Modulation
 VMC Visual Meteorological Conditions
 VMS Viewfinder-Metering System
 VN Vulnerability Number
 vo Voice
 VOC Voice Operator Coder
 VOCOM Voice Communications
 VODAT Voice-Operated Device for Automatic Transmission
 VOF Variable Operating Frequency
 VOIS Visual Observation Instrumentation Subsystem
 vol Volume
 VOLTAN Voltage Amperage Normalizer
 VOM Volt-Ohm-Milliameter
 VOR Very High Frequency Omnidirectional Range (originally, visual omnidirectional range); Voice Omnidirectional Range
 VORTAC Visual Omnidirectional Range & TACAN
 VOX Voice Operated Transmission
 VP Vent Pipe; Vertical Polarization; Variable Pitch
 VPI Valve Position Indicator; Vapour Phase Inhibitor
 VPM Volts Per Mil
 VPR Virtual PPI Reflectoscope
 VR Voltage Relay
 VRB VHF Recovery Beacon; Voice Rotating Beacon
 VRMS Volt Root Mean Square
 VS Vehicle Station; Versus
 VSB Vestigial Sideband
 VSC Vibration Safety Cutoff
 VSCF Variable Speed Constant Frequency
 VSD Vertical Situation Display
 VSI Vertical Speed Indicator; Video Simulation Interface
 VSM Vestigial Sideband Modulation; Video Switching Matrix
 VSR Visual Security Range; Very Short Range
 VSTOL Vertical and/or Short Take-Off and Landing
 V/STOL Vertical/Short Take-Off and Landing
 VSWR Voltage Standing Wave Ratio
 VT Vertical Tail
 VTD Vertical Tape Display
 VTF Vertical Test Fixture
 VT Fuze Variable-Time Fuze
 VTG Vertical Take-Off Autogyro
 VTM Voltage Tunable Magnethon; Vertical Thrust Margin

VTO Vertical Take-Off
 VTOGW Vertical Take-Off Gross Weight
 VTOHL Vertical Take-Off and Horizontal Landing
 VTOL Vertical Take-Off and Landing
 VTPR Vertical Temperature Profile Radiometer
 VTS Vertical Test Stand
 V/TS Viewfinder/Tracking System
 VTVM Vacuum Tube Voltmeter
 VU Vehicle Unit
 vul Vulcanize
 VUS Versatile Upper Stage
 VV Vent Valve
 VVCS Vernier Velocity Correction System



Watt
 WADC Wright Air Development Center
 WARLA Wide Aperture Radio Location Array
 WASP Weather Atmospheric Sounding Projectile
 WATS Wide Area Telephone Service
 WB Wheel Base; Wideband; Widebeam; Weather Bureau
 WBD Wide Band Data
 WBDL Wide Band Data Link
 WBGT Wet Bulb Globe Temperature (a heat stress index)
 WBTS Wideband Transmission System
 WBVTR Wideband Video Tape Recorder
 WCDB Wing Control During Boost
 W/D Width-to-Diameter Ratio
 wdb Wideband
 WDC Weapon Delivery Computer
 WDE Weapons Direction Equipment
 WDI Wind Direction Indicator
 wdo Window
 WECPNL Weighted Equivalent Continuous Perceived Noise Level
 WEFAX Weather Facsimile
 WER Weight Estimating Relationship
 W/E&SP With Equipment and Spare Parts
 WET Weight Effectiveness Testing
 WEX A code or symbol for 'aircraft delay due to weather'
 WFNA White Fuming Nitric Acid
 wg Waveguide; Wing
 whl Wheel
 WHM Watt Hour Meter
 WHR Watt Hour
 WILCO Will Comply
 WIND Weather Information Network and Display
 WINGS Weather Information Network & Display System
 WIP Wartime Intelligence Plan
 wk Week
 wl Waterline; White Light
 WM Wattmeter
 WMS Waste Management System; Wind Measuring System
 WOD Wind Down; Over the Deck

WARBAT

WARBAT	Wartime Order of Battle
WP	Working Paper; Working Pressure
WPC	Watts Per Candle
WPM	Words Per Minute
wpn	Weapon
WPU	With Power Unit
WR	Weapon Range
WRT	With Respect To
WS	Work Statement; Windsonde
W/S	Weapons System
WSE	Weapon Support Equipment
WSP	Working Steam Pressure
WST	Weapon System Test
WT	Watertight; Weight; Water Tank
W/T	Wireless Telegraphy
WTM	Wind Tunnel Model
WW	Wire-Wound
WWD	Windward
WX	Weather
WXD	Meteorological Radar Station
WXR	Radiosonde Station
	X
X	Experimental; Trans
XB	Experimental Bomber
XC	Experimental Cargo
xcpt	Except
xcvr	Transceiver
XDCR	Transducer
xeq	Execute
XF	Experimental Fighter
XFER	Transfer
xfmr	Transformer
xfr	Transfer
XH	Experimental Helicopter

ABBREVIATIONS AND ACRONYMS

XM	Research Missile
xmit	Transmit
xmsn	Transmission
xmtr	Transmitter
xpndr	Transponder
X-REA	X-Ray Events Analyzer
X-RT	X-Ray Telescope
xtal	Crystal
xum	Extreme Ultraviolet
	Y
Y	Symbol for Prototype; Yaw
yd	Yard
YM	Prototype Missile; Yawing Movement
yp	Yield Point
yr	Year
YS	Yield Strength
YTV	Yaw Thrust Vector
	Z
ZD	Zero Defects
zed-zed	A US Navy instrument approach system that uses VHF direction finding stations
ZEL	Zero Launching
ZELL	Zero Length Launching
ZETA	Zero Energy Thermonuclear Assembly
ZF	Zone of Fire
ZGS	Zero Gradient Synchrotron
ZI	Zone of Interior
ZM	Z Marker
ZP	Lighter-than-Air Aircraft (Airships)
ZR, also written Z.R.	Zeppelin Rigid
Z Time	Zebra Time
ZU	A Navy designation for lighter-than-air utility aircraft
ZULU	Greenwich Mean Time (GMT)(formerly termed Zebra Time)