

APPENDIX 1. ACRONYMS AND ABBREVIATIONS

This appendix contains many acronyms and abbreviations for both old as well as new Airworthiness terms that are used throughout this Handbook. Inspectors can refer to the following alphabetical listing of frequently used acronyms and abbreviations and their meanings when using this Handbook.

14 CFR	Title 14 of the Code of Federal Regulations	AFSC	Air Force Specialty Codes
49 CFR	Title 49 of the Code of Federal Regulations	AFSS	automated flight service station
49 U.S.C.	Title 49 of the United States Code	AFTN	aeronautical fix telecommunication network
A/FD	Airport/Facility Directory	AH	alert height
A&P	Airframe and Powerplant	AGL	above ground level
AAD	Automatic Activation Device	AIDS	Accident Incident Data Subsystem
AAIP	Approved Aircraft Inspection Program	Air Oper VIS	Air Operator Vital Information Subsystem
AC	Advisory Circular	AIP	Airplane Inspection Program
ACAT	Air Carrier Assessment Tool	ALS	Advance Life Support
ACCSS	air carrier cabin safety specialists	AMA	Aviation Mechanic Airframe
ACE	aerobatic competency evaluator	AMC	acceptable means of compliance
ACO	Aircraft Certification Office	AME	Aviation Medical Examiner
ACR	airman certification representative	AMG	Aviation Mechanic General
AD	Airworthiness Directives	AMO	Approved Maintenance Organization
ADA	Airline Deregulation Act	AMP	Aviation Mechanic Powerplant
ADF	automatic direction finding	AMT	Aviation Maintenance Technician
AEE	Office of Environment and Energy	AMTS	Aviation Maintenance Technician School
AEG	Aircraft Evaluation Groups	ANM	Seattle Aircraft Evaluation Group
AEM	Area Equivalent Method	AOA	Airport Operations Area
AES	Automated Exemption System	AOD	Automatic Opening Device
AFM	Aircraft Flight Manual Airplane Flight Manual	AOG	Aircraft on the Ground

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APP	Accident Prevention Program	BLS	Basic Life Support
APPM	Accident Prevention Program Manager	BOW	basic operating weight
APU	Auxiliary Power Unit	CAA	Civil Airworthiness Authority
AR	Authorized Representative	CAB	Civil Aviation Board
ARA	Airborne Radar Approach	CAIS	Comprehensive Airmen Information Subsystem
ARFF	Aircraft Rescue and Fire Fighting Equipment	CAM	Civil Aeronautics Manual
ARINC	Aeronautical Radio, Inc.	CAMI	Civil Aero Medical Institute
ASAS	Aviation Safety Analysis System	CAMP	Continuous Airworthiness Maintenance Program
ASI	aviation safety inspector	CAN	Center Area NOTAM
ASR	Airport Surveillance Radar	CAR	Civil Air Regulations
AST	aviation safety technician	CASE	Coordinating Agencies for Supplier's Evaluation
ASTM	American Society for Testing and Materials	CASFO	Civil Aviation Security Field Office
ASW	Southwest Aircraft Evaluation	CASP	Continuous Analysis and Surveillance Program
ATCS	Alternate Testing Center Supervisor	CASS	Continuing Analysis and Surveillance System
AT	Air Traffic	CATS	Computer Assisted Testing Services
ATA	Air Transport Association	CBI	computer-based instruction
ATC	air traffic control	CDL	Configuration Deviation List
ATE	Automatic Test Equipment	CE	commercial pilot examiner
ATOS	Air Transportation Oversight System	CFI	certificated flight instructor
ATP	airline transport pilot	CFR	Code of Federal Regulations
ATPE	airline transport pilot examiner	CFRS	certificated foreign repair station
AVGAS	Aviation Gasoline	CG	center of gravity
BA	Bilateral Agreement	CHDO	certificate-holding district office
BASA	Bilateral Aviation Safety Agreement	CIRE	commercial and instrument rating examiner
BFA	Balloon Federation of America		
BITE	Built-In Test Equipment		

CL	capabilities list	DER	Designated Engineering Representative
CM	Condition Monitoring	DFDAU	digital flight data acquisition unit
CMO	Certificate Management Office	DH	decision height
CMP	Configuration Maintenance Procedures	DME	Designated Mechanic Examiners
CMR	Certification Maintenance Requirements	DME	distance measuring equipment
CMT	Certificate Management Team	DNL	Decibel Noise Level
COA	certificate of authority	DOD	Department of Defense
COB	close of business	DOT	Department of Transportation
COMAT	company material	DPE	designated pilot examiner
ConDOR	Constructed Dynamic Observation Reports	DPRE	Designated Parachute Rigger Examiners
Conus	continental United States	DS	discard
CPCP	Corrosion Prevention and Control Programs	EA	Environmental Assessment
CPL	commercial pilot license	EA/EO	Engineering Change Authorization/Order
CPM	certification project manager	EAA	Experimental Aircraft Association
CRW	canopy relative work	EFIS	electronic flight instrument systems
CSP	Comprehensive Surveillance Plan	EIR	Enforcement Investigation Report
CTA	control areas	EIS	Enforcement Information Subsystem
CTC	computer testing center	EIS	Environmental Impact Statement
CTD	computer testing designee	ELT	Emergency Locator Transmitter
CTM	Computer Testing Manager	EMI	electromagnetic interference
CVR	cockpit voice recorder	EP	Evaluation Panel
DAR	Designated Airworthiness Representative	EPI	Element Performance Inspections
DAS	Designated Alteration Station	ETOPS	Extended-Range Operation With Two-Engine Airplanes
DBA	Other Business Names	EWCG	empty-weight center of gravity
d.b.a.	doing business as	EVAS	Emergency Vision Assurance Systems
DCT	Data Collection Tool	FAA	Federal Aviation Administration

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FA Act	Federal Aviation Act of 1958	GSGC	Ground School Graduation Certificate
FADEC	Full Authority Digital Engine Control	GTD	ground training device
FAR	Federal Aviation Regulations	HAZMAT	hazardous material
FCAA	Foreign Civil Aviation Authority	HEL	helicopter
FCC	Federal Communications Commission	HEMES	Helicopter Hospital Emergency Medical Evacuation
FD	flight director	HF	high frequency
FDC	flight data center	HIRF	High Intensity Radiated Fields
FDR	Flight Data Recorder	HT	Hard-Time
FIE	flight instructor examiner	HUD	heads-up display
FIR	flight information regions	HUMS	Health Usage Monitoring Systems
FIRC	flight instructor refresher clinic	IA	Inspection Authorization
FL	flight level	IAP	instrument approach procedures
FLIR	Forward Looking Infrared	IAW	in accordance with
FM	flight manual	ICA	instructions for continued airworthiness
FMCS	flight management computer systems	ICAO	International Civil Aviation Organization
FMS	flight management system	ICAS	International Council of Air Shows
FOI	fundamentals of instructing	ICS	Intercom Systems
FOIA	Freedom of Information Act	IEC	International Electrotechnical Commission
FONSI	finding of no significant impact	IEM	Interpretive Explanatory Material
FSAIC	Flight Standards Safety Analysis Information Center	IFO	International Field Office
FSAS	Flight Standards Automation System	IFP	Instrument Foreign Pilot
FSDO	Flight Standards District Office	IFR	instrument flight rules
FSS	flight service station	IFSD	in-flight shut down
FTD	flight training device	IG	Interim Guidance
GM	General Manuals	IGA	international general aviation
GPS	global positioning system	IIC	inspector-in-charge
GPWS	ground proximity warning systems		

ILS	instrument landing system	LRU	Line Replaceable Units
IMC	instrument meteorological conditions	LU/SV	Lubrication/Serviceing
IN/FC	Inspection/Functional check	MAST	Maintenance Airworthiness Standardization Team
INM	Integrated Noise Model	MC/FPE	military competency/foreign pilot examiner
INS	inertial navigation system	MEL	minimum equipment list
IP	implementation procedures	MEL	Multiengine Land
IPM	Inspection Procedures Manual	MES	Multiengine Sea
IRA	Instrument Rating Airplane	MIDO	Manufacturing Inspection District Offices
IRS	inertial reference systems	MIP	maintenance implementation procedures
ISC	Industry Steering Committee	MIS	Mechanical Interruption Summary Reports
ISIS	Integrated Safety Information Subsystem	MISR	Mechanical Interruption Summary Reports
ISO	International Standards Organization	MIST	Maintenance International Standardization Team
ISS	inertial sensor system	MLS	microwave landing system
JAA	Joint Aviation Authorities	MME	maintenance management exposition
JAD	Job Aid Disc	MMEL	Master Minimum Equipment List
JAR	Joint Aviation Requirement	MMF	Manufacturer Maintenance Facility
JTA	Job Task Analysis	MNPS	Minimum Navigation Performance Specification
LAHSO	land-and-hold-short operations	MOE	maintenance organization exposition
LIBRA	Logical Information Based on Reliability	MOS	Military Occupational Speciality
LLC	limited liability corporation	MOU	memorandum of understanding
LOA	letter of authorization	MRA	Mutual Recognition Agreement
LOI	Letter of Investigation	MRB	Maintenance Review Board
LORAN	long-range navigation	MRB	Material Review Board
LOX	liquid oxygen	MRR	Mechanical Reliability Reports
LRN	long-range navigation		
LRNS	long-range navigation system		

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MSG	Maintenance Steering Group	NVLAP	National Voluntary Laboratory Accreditation Program
MSL	mean sea level	OC	On-Condition
MTBF	mean time between failure	OCA	oceanic control areas
MWE	Model Work Environment	ODAR	Organizational Designated Airworthiness Representative
NAA	National Aviation Authority	OEM	Original Equipment Manufacturer
NAO	Noise Abatement Officer	OJT	on-the-job training
NAS	National Airspace System	OMT	Organization Management Team
NASIP	National Aviation Safety Inspection Program	OpSpecs	operations specifications
NAT	North Atlantic	OPSS	Operations Specifications Subsystem
NAT/MNPS	North Atlantic Minimum Navigation Performance Specifications	OP/VC	Operational/Visual check
NAVAID	Navigational Aid	ORA	Operations Research Analyst
NEPA	National Environmental Policy Act of 1969	OST	Office of the Secretary of Transportation
NDB	nondirectional beacon	OTAC	Outside-the-Aircraft Check
NDI	Non-destructive Inspection	PAI	principal avionics inspector
NDT	Nondestructive Testing	PAR	Precision Approach Radar
NDPER	National Designated Pilot Examiner Registry	PASI	Preapplication Statement of Intent
NEB	National Examiner Board	PC	Production Certificate
NFDC	National Flight Data Center	PCA	Positive Control Area
NFPA	National Fire Protection Association	PCA	primary category aircraft
NIST	National Institute of Standards and Technology	PE	private pilot examiner
NM	nautical miles	PI	principal inspector
NOPAC	North Pacific	PIC	pilot-in-command
NOTAM	Notice to Airmen	PMA	Parts Manufacturer Approval
NPG	National Work Program Guidelines	PMI	principal maintenance inspector
NTSB	National Transportation Safety Board	POH	pilot's operating handbook
		POI	principal operations inspector

PPE	proficiency pilot examiner	SDR	Service Difficulty Report
PPH	Policy Procedures Handbook	SEAT	Surveillance and Evaluation Assessment Tool
PPM	PTRS Procedures Manual	SEL	Single-Engine Land
PSRAB	Propulsion System Reliability Assessment Board	SEP	Surveillance and Evaluation Program
PTRS	Program Tracking and Reporting Subsystem	SES	Single-Engine Sea
PTS	practical test standards	SFAR	Special Federal Aviation Regulations
QMS	Quality Monitoring System	SIC	second-in-command
RAIM	receiver autonomous integrity monitoring	SIDA	Security Identification Display Area
RFM	Rotorcraft Flight Manual	SIGMET/ AIRMET	Significant Meteorological Information Airmen's Meteorological Information
RFSD	Regional Flight Standards Division	SIP	simulator implementation procedures
RII	Required Inspection Items	SL	Service Letter
RNAV	Area Navigation	SODA	Statement of Demonstrated Ability
ROC	Regional Operations Center	SOIR	simultaneous operations on intersecting runways (replaced by LAHSO)
rpm	revolutions per minute	SPAS	Safety Performance Analysis System
RS	restoration	SPG	Special Planning Group
RT	remedial training	SRM	Structural Repair Manuals
RTCA	Radio Technical Commission of Aeronautics	SSID	Supplemental Structural Inspection Document
RVR	runway visual range	STC	Supplemental Type Certificate
RVSM	Reduced Vertical Separation Minimum	SUP	suspected unapproved parts
RWBC	Regional Whistleblower Coordinators	TAF	terminal weather forecasts
SA	selective availability	TALTAR	Tactical Landing Approach Radar
SAE	Society of Automotive Engineers	TAWS	Terrain Awareness and Warning Systems
SAI	Safety Attribute Inspections	TBO	time between overhauls
SAT	System Analysis Team	TC	type certificate
SB	Service Bulletin	TCA	Appliance Type Approval

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TCAS	Traffic Alert and Collision Avoidance Systems	USNOF	United States NOTAM Office
TCDS	type certificate data sheet	USPA	United States Parachute Association
TCS	Testing Center Supervisor	VFR	visual flight rules
TCE	training center evaluator	VHF	very high frequency
TCO	training course outline	VIS	Vital Information Subsystem
TGL	temporary guidance leaflet	VLF	very low frequency
TRSB	Time Reference Scanning Beam	V_{MC}	minimum controllable airspeed
TSA	Transportation Security Administration	VMC	visual meteorological conditions
TSO	Technical Standard Order	VOR	VHF omni-directional radio range
TSOA	Technical Standard Order Authorization	V_{REF}	approach speed
UHF	ultrahigh frequency	WBPP	Whistleblower Protection Program
ULD	unit load device	WINDOWS	Segmented Inspections and Built-In Inspection Tolerances