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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE RECOMMENDED PRACTICE

SAE ARP4105

REV.
A

Issued 1988-07
Revised 1992-07-01

Submitted for recognition as an American National Standard

ABBREVIATIONS AND ACRONYMS FOR USE ON THE FLIGHT DECK

1. SCOPE:

This document is intended to establish preferred abbreviations for terms used on panels, controls, displays, instruments, placards, and markings. The recommendations apply to equipment used by crew members in the flight deck of transport aircraft.

The abbreviations, acronyms, and symbols do not supersede those used in airworthiness regulations or aeronautical charts or other aircraft documents.

2. APPLICABLE DOCUMENTS:

All SAE Committee documents.

3. PREFACE:

3.1 Clarity:

Wherever an abbreviation is used, the meaning shall be unambiguous in the context of its use: if it is not, the term should not be abbreviated, or an alternative found. (e.g. If the context in which "NDB" is used does not make obvious whether "NON-DIRECTIONAL BEACON" or "NAVIGATION DATA BASE" is intended, use "NDBCN" or "NAVDB" as appropriate.)

3.2 Abbreviated Length:

Wherever possible, preferred abbreviations of three, four, or five letters are given.

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3.3 Punctuation Marks:

Full stops (periods) are not normally used.

Hyphens or obliques (slashes) are used in brief acronyms and some abbreviations, where space permits, to provide a break that improves understanding (e.g., "A-SKID" or "A/SKID" rather than "ASKID").

Obliques are preferred where the term indicates dual or alternate functions (e.g., "AP/FD" means "AUTOPILOT" and/or "FLIGHT DIRECTOR").

3.4 Letters:

Upper case letters are used, except where lower case is standard practice (e.g., "Hg" denotes "MERCURY").

3.5 Exclusions:

With some exceptions, terms and abbreviations associated with the following have NOT been included:

- a. Meteorology
- b. Q-Code
- c. Airways/Facilities charting
- d. ATC/ATIS phraseology
- e. Engineering/Maintenance terms
- f. Names of Aviation and Aeronautical organizations
- g. Electronic module and software terminology

3.6 Equipment Acronyms:

Acronyms used to identify component parts or functions of aviation equipment have not all been listed. Appropriate acronyms can be assembled by adding the abbreviated letter(s) of the following terms in place of (or in addition to) the "S" for "SYSTEM", to acronyms given in Table 2.

- a. A for ACQUISITION, ADVANCED, AUXILIARY
- b. C for COMPUTER
- c. CP for CONTROL PANEL
- d. DC for DATA CONCENTRATOR
- e. D for DISPLAY
- f. I for INDICATOR
- g. IU for INTERFACE UNIT
- h. M for MODE, MANAGEMENT
- i. P for PANEL
- j. R for RECORDER
- k. S for SENSOR
- l. SG for SYMBOL GENERATOR
- m. U for UNIT

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3.7 SI Metric System:

Where units are raised to a power of 10, the following prefixes and abbreviations should be used:

a. Power:	12	Prefix:	tera-	Abbreviation:	T
b.	9		giga-		G
c.	6		mega-		M
d.	3		kilo-		k
e.	2		hecto-		h
f.	-2		centi-		c
g.	-3		milli-		m
h.	-6		micro-		(μ)
i.	-9		nano-		n
j.	-12		pico-		p

3.8 V Speed Abbreviations:

TABLE 1: The V SPEEDS in Table 1 are not listed in Tables 2 and 3.

3.9 Abbreviations:

TABLE 2: Pages 5 through 29 list, alphabetically, Flight Deck TERMS and their PREFERRED and ALTERNATIVE Abbreviations or Acronyms.

TABLE 3: Pages 30 through 54 list, alphabetically, all Abbreviations and Acronyms contained in Table 2, with their MEANINGS. Alternative Abbreviations are indented.

3.10 Key Words:

Aerospace, Flight Deck, Abbreviations.

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TABLE 1 - V Speeds

Term	Abbreviation
Maneuver Speed - Design	Va
Maneuver Speed - Recommended	Vman
Maneuvering Speed	Vm
Maximum Gust Speed	Vb
Cruising Speed - Design	Vc
Maximum Speed - Design	Vd/Md
Maximum Speed - Demonstrated in flight	Vdf/Mdf
Maximum Operating Speed	Vmo/Mmo
Minimum Operating Speed	Vmin
Minimum Allowable Speed	Vma
Minimum Control Speed - Engine inop	Vmc
Minimum Unstick Speed	Vmu
Rough Air Speed	Vra
Flap Speed - Design	Vf
Maximum Flap Extended Speed	Vfe
Next Vfe	Vfen
Maximum Flap Operating Speed	Vfo
Flap Retract Speed	Vfr
Maximum Landing Gear Extended Speed	Vle
Maximum Landing Gear Operating Speed	Vlo
Critical-engine-fail/Decision Speed	V1
Rotation Speed	Vr
Lift-off Speed	Vlof
Take-off Safety Speed	V2
Final Take-off Safety Speed	Vfto
En-route Climb Speed	Verc
Best Angle-of-Climb Speed	Vx
Best Rate-of-Climb Speed	Vy
Recommended Climb Speed	Vrc
Reference Speed	Vref
Approach Speed	Vapp
Threshold Speed	Vt, Vth
Target Threshold Speed	Vat
Stick Shaker Speed	Vss
Stall Speed	Vs

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TABLE 2 - Terms and Abbreviations

Term	Preferred	Acceptable
ABBREVIATION	ABBR	
ABBREVIATED VISUAL APPROACH SLOPE INDICATOR	AVASI	
ABEAM	ABM	
ABNORMAL	ABNRM	ABN
ABOVE	ABV	
ABOVE AIRFIELD (AERODROME) LEVEL	AAL	aa1
ABOVE GROUND LEVEL	AGL	agl
ABOVE MEAN SEA LEVEL	AMSL	ams1
ABSOLUTE	ABS	
ACCELERATE STOP DISTANCE AVAILABLE	ASDA	
ACCELERATION	ACCEL	ACCL
ACCEPT, ACCEPTED	ACPT	
ACCEPTABLE DEFERRED DEFECT	ADD	
ACCUMULATOR	ACCU	ACC
ACCURACY, ACCURATE	ACCR	
ACKNOWLEDGE	ACK	
ACQUIRE	ACQ	
ACQUISITION	ACQN	
ACRONYM	ACRO	
ACTIVATE	ACTV	
ACTIVE	ACT	
ACTIVE CONTROL SYSTEM	ACS	
ACTUAL TIME OF ARRIVAL	ATA	
ACTUAL TIME OF DEPARTURE	ATD	
ACTUAL TIME OVER	ATO	
ADDRESS	ADRS	
ADJUST	ADJ	
ADVANCE	ADV	
ADVANCED INTEGRATED LANDING SYSTEM	AILS	
ADVISORY	ADVY	
ADVISORY ROUTE	ADR	
AERONAUTICAL INFORMATION SERVICE	AIS	
AERONAUTICAL PUBLICATION	AIP	
AERONAUTICAL FIXED SERVICE	AFS	
AERONAUTICAL MOBILE SERVICE	AMS	
AILERON	AIL	
AIRBORNE COLLISION AVOIDANCE SYSTEM	ACAS	
AIRBORNE WINDSHEAR ALERT SENSOR	AWAS	
AIR CONDITIONING	AIRCOND	COND
AIRCRAFT	A/C	
AIRCRAFT CONDITION MONITORING SYSTEM	ACMS	
AIRCRAFT FLIGHT MANUAL	AFM	
AIRCRAFT (OR AIRBORNE) INTEGRATED DATA SYSTEM	AIDS	
AIRCRAFT LANDING MEASUREMENT SYSTEM	ALMS	
AIRCRAFT ON GROUND	AOG	
AIRCRAFT OPERATING MANUAL	AOM	
AIRCRAFT PREPARED FOR SERVICE	APS	
AIRCRAFT VIBRATION MONITOR	AVM	
AIR DEFENSE IDENTIFICATION ZONE	ADIZ	
AIR DATA SYSTEM	ADS	
AIR DATA & INERTIAL REFERENCE SYSTEM	ADIRS	
AIR DRIVEN GENERATOR	ADG	
AIR DRIVEN PUMP	ADP	
AIR INTAKE CONTROL SYSTEM	AICS	
AIR MILES PER GALLON	AMPG	
AIRPORT	APRT	ARPT
AIRPORT ACCEPTANCE INTERVAL	AAI	
AIRPORT ADVISORY SERVICE	AAS	
AIRPORT BEACON	ABN	ABCN
AIRPORT FLIGHT INFORMATION SERVICE	AFIS	
AIRPORT OPERATING MINIMA	AOMIN	AOM
AIRPORT REFERENCE POINT	ARP	
AIRPORT SURFACE MOVEMENT INDICATOR	ASMI	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
AIRPORT SURFACE TRAFFIC CONTROL	ASTC	
AIRPORT SURVEILLANCE RADAR	ASR	
AIRPORT TRAFFIC ZONE	ATZ	
AIR REPORT/AIRBORNE REPORT	AIREP	
AIR ROUTE SURVEILLANCE RADAR	ARSR	
AIR ROUTE TRAFFIC CONTROL CENTER	ARTCC	
AIR SAFETY REPORT	ASR	
AIRSPEED	AS	
AIRSPEED INDICATOR	ASI	
AIR START UNIT	ASU	
AIR TERMINAL	AT	
AIR TO GROUND	A-G	A/G
AIR TRAFFIC CONTROL	ATC	
AIR TRAFFIC CONTROL CENTER	ATCC	
AIR TRAFFIC CONTROL RADAR BEACON SYSTEM	ATCRBS	
AIR TRAFFIC INFORMATION SERVICE	ATIS	
AIR TRAFFIC MANAGEMENT	ATM	
AIR TRAFFIC SERVICES	ATS	
AIR TURBINE MOTOR	ATM	
AIRWAY	AWY	
ALARM	ALM	
ALERT, ALERTING	ALRT	
ALERT HEIGHT	AH	ALHT, AL-HT
ALERTING SYSTEM DISPLAY	ASD	
ALL-SPEED AILERON	ASA	
ALIGN, ALIGNMENT	ALN	
ALL-UP WEIGHT	AUW	
ALL-WEATHER OPERATIONS	AWO	AWOP
ALTERNATE	ALTN	
ALTERNATING CURRENT	AC	
ALTIMETER	ALTM	
ALTIMETER SET PANEL	ASP	
ALTITUDE	ALT	
ALTITUDE PRESELECT	APS	
ALTITUDE SELECT	ASEL	ALTS
AMBIENT	AMB	
AMMETER	AMM	
AMPERE	AMP	
AMPERE HOUR	AH	
AMPLIFIER	AMPL	AMP
AMPLITUDE MODULATION	AM	
ANALOG TO DIGITAL	A/D	
ANALYZER	ANLZR	
ANGLE OF ATTACK	AOA	ALPHA
ANGULAR	ANG	
ANNUNCIATOR	ANN	ANNUN
ANTENNA	ANT	
ANTI-ICE	A-ICE	A-I, A/I
ANTI-SKID	A-SKID	A/SKID
APPROACH	APPR	APP, APCH
APPROACH CONTROL	APP	
APPROACH & LANDING GUIDANCE SYSTEM	ALGS	
APPROACH LIGHT SYSTEM	ALS	
APPROXIMATELY	APPROX	
AREA CONTROL CENTER	ACC	
AREA POSITIVE CONTROL	APC	
AREA NAVIGATION	RNAV	
ARINC COMMUNICATION, ADDRESSING & REPORTING SYSTEM	ACARS	
ARMED	ARM	ARM
ARRIVAL	ARR	
ARTIFICIAL	ART	
ARTIFICIAL INTELLIGENCE	AI	
ASCEND	ASC	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
AS SOON AS POSSIBLE	ASAP	
ASSEMBLY	ASSY	
ASSIGN	ASSN	
ASYMMETRIC	ASYM	
ATMOSPHERE	ATMOS	ATM
ATTENDANT	ATTND	ATTD
ATTENTION	ATTN	
ATTENUATE, ATTENUATION	ATTEN	
ATTITUDE	ATT	
ATTITUDE DIRECTOR INDICATOR	ADI	
ATTITUDE & HEADING REFERENCE SYSTEM	AHRS	
AUDIBLE WARNING SYSTEM	AWS	
AUDIO	AUD	
AUDIO CONTROL PANEL	ACP	
AUDIO MANAGEMENT UNIT	AMU	
AUDIO SELECTOR PANEL	ASP	
AUGMENT, AUGMENTER, AUGMENTATION	AUG	AUGM
AUTOMATED TERMINAL (OR TRACKING) SYSTEM	ARTS	
AUTOMATED WEATHER OBSERVATION SYSTEM	AWOS	
AUTOMATIC	AUTO	
AUTOMATIC BRAKE SYSTEM	ABS	
AUTOMATIC DEPENDENT SURVEILLANCE	ADS	
AUTOMATIC DIRECTION FINDER	ADF	
AUTOMATIC FLIGHT CONTROL SYSTEM	AFCS	
AUTOMATIC FLIGHT SYSTEM	AFS	
AUTOMATIC FLIGHT CONTROL & AUGMENTATION SYSTEM	AFCAS	
AUTOMATIC FLIGHT GUIDANCE SYSTEM	AFGS	
AUTOMATIC FLIGHT GUIDANCE & CONTROL SYSTEM	AFGS	
AUTOMATIC FREQUENCY CONTROL	AFC	
AUTOMATIC GAIN CONTROL	AGC	
AUTOMATIC GROUND SPEED BRAKES	AGSB	
AUTOMATIC GROUND SPOILER	AGS	
AUTOMATIC LANDING/AUTOLAND	A-LAND	A-L, A/L
AUTOMATIC LANDING SYSTEM	ALS	
AUTOMATIC LANDING STATUS ANNUNCIATION	ALSA	ASA
AUTOMATIC RUDDER CONTROL	ARC	A-RUD
AUTOMATIC SEPARATION ASSURANCE SYSTEM	ASAS	
AUTOMATIC POWER RESERVE	APR	
AUTOMATIC TAKE-OFF THRUST CONTROL SYSTEM	ATTCS	
AUTOMATIC TERMINAL INFORMATION SERVICE	ATIS	
AUTOMATIC TEST EQUIPMENT	ATE	
AUTOMATIC TRAFFIC ADVISORY & RESOLUTION SERVICE	ATARS	
AUTOMATIC VOLUME CONTROL	AVC	
AUTOPILOT	AP	A/P
AUTOPILOT FLIGHT DIRECTOR SYSTEM	AFDS	
AUTOPILOT/FLIGHT DIRECTOR	AP/FD	
AUTOSTABILIZER	A-STAB	A/STAB
AUTOTHROTTLE	AT	A/T
AUTOTHRUST	ATHR	A/THR
AUTO TRIM	A/TRIM	
AUXILIARY	AUX	
AUXILIARY DATA ACQUISITION UNIT	ADAU	
AUXILIARY POWER BREAKER	APB	
AUXILIARY POWER UNIT	APU	
AVAILABLE	AVAIL	AVBL
AVERAGE	AV	
AVIONIC CONTROL UNIT	ACU	
AVIONIC MULTIPLEX SYSTEM	AMUX	
AVIONIC REFRIGERANT COOLING SYSTEM	ARCS	
AVIONICS	AVNCS	AVNX
AZIMUTH	AZ	AZM
AZIMUTH GUIDANCE NOSE-IN STAND	AGNIS	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
BACK BEAM	BBM	BB, B/BM
BACK COURSE	BCRS	BC, B/CRS
BACK LOCALIZER	BLOC	BL, B/LOC
BAROMETRIC (SETTING)	BARO	
BAROMETRIC PRESSURE CONTROL	BPC	
BATTERY	BAT	BATT
BATTERY CHARGE LIMITER	BCL	
BEACON	BCN	
BEARING	BRG	
BEARING DEVIATION INDICATOR	BDI	
BEAT FREQUENCY OSCILLATOR	BFO	
BELOW	BLW	
BETWEEN	BTWN	
BEVERAGE	BEV	
BITE CENTRALIZED DATA SYSTEM	BCDS	
BLEED AIR MONITORING COMPUTER	BMC	
BLEED VALVE	BV	
BOARDING	BRDG	BRD
BOTTLE	BTL	
BOTTOM OF CLIMB	B-C	BOC, B/C
BOTTOM OF DESCENT	B-D	BOD, B/D
BOUNDARY	BNDRY	BDRY, BDY
BOUNDARY LAYER CONTROL	BLC	
BRAKE	BRK	BK
BRAKE RELEASE GROSS WEIGHT	BRGW	
BRAKING+STEERING CONTROL UNIT	BSCU	
BRAKE TEMPERATURE INDICATOR	BTI	
BRAKING ACTION	BA	
BREAK-OFF HEIGHT	BOH	
BRIGHT, BRIGHTNESS	BRT	
BROADCAST	BCST	
BROKEN CLOUD OR BETTER	BCOB	
BUILT IN TEST (EQUIPMENT)	BIT(E)	
BULKHEAD	BLKD	
BUS POWER CONTROL UNIT	BPCU	
BUS TIE BREAKER	BTB	
BUS TRANSFER CONTACTOR	BTC	
CABIN	CAB	
CABIN ATTENDANT	C-A	C/A
CABIN COMMUNICATION SYSTEM	CCS	
CABIN INTERCOMMUNICATION DATA SYSTEM	CIDS	
CABIN PRESSURE CONTROL (UNIT)	CPC(U)	
CALIBRATION	CAL	
CALIBRATED AIRSPEED	CAS	
CALL SELECT	CALSEL	
CALL SIGN	C-S	C/S, cs
CANCEL	CNCL	CANC
CAPACITY	CPTY	
CAPTAIN	CAPT	
CAPTURE	CAP	
CARBURETTOR	CARB	
CARD READER SYSTEM	CRS	
CARGO	CRG	CRGO
CARGO SMOKE CONTROL UNIT	CSCU	
CARRIER WAVE	CW	
CATEGORY	CAT	
CATHODE RAY TUBE	CRT	
CAUTION, CAUTIONARY	CAUT	
CAUTION ADVISORY COMPUTER	CAC	
CAUTION AND WARNING SYSTEM	CAWS	
CAUTION ZONE	CZ	
CEILING	CLG	CLNG

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
CEILING AND VISIBILITY UNRESTRICTED	CAVU	
CEILING AND VISIBILITY OK	CAVOK	
CELSIUS, CENTIGRADE	C	
CENTER	CTR	C
CENTER OF GRAVITY	CG	CofG
CENTER LINE	CL	C/L
CENTRAL AIR DATA SYSTEM	CADS	
CENTRAL MAINTENANCE SYSTEM	CMS	
CENTRALIZED FAULT (DATA) DISPLAY SYSTEM	CFDS	
CENTRAL PROCESSOR SYSTEM	CPS	
CHANGE	CHG	
CHANNEL	CHAN	CH
CHARACTER	CHAR	
CHARGE	CHRG	
CHECK	CHK	CK
CHECKED	CHKD	CKD
CHECK LIST	C/L	CK-L, CK/L
CHECK VALVE	CHKV	
CHRONOMETER	CHR	CHRO
CIRCLE	CRCL	
CIRCUIT	CCT	
CIRCUIT BREAKER	CB	C/B
CIRCULAR ERROR OF PROBABILITY	CEP	
CIRCUIT BREAKER MONITORING SYSTEM	CBMS	
CIRCULATE, CIRCULATION	CIRC	
CLEAR	CLR	
CLEAR AIR TURBULENCE	CAT	
CLEARANCE	CLNC	
CLEARED	CLRD	
CLEARWAY	CWY	
CLIMB	CLB	
CLOCK	CLK	
CLOCKWISE	CW	
CLOSE	CLS	
CLOSED	CLSD	
CLOUD	CLD	
COCKPIT	CKPT	
COCKPIT VOICE RECORDER	CVR	
COLD	C	
COLD AIR UNIT	CAU	
COLLISION	COLL	
COLLISION AVOIDANCE SYSTEM	CAS	
COMBINED SPEED INDICATOR	CSI	
COMMAND	CMD	
COMMANDER	CMDR	CDR
COMMUNICATION	COM	COMM
COMPANY	CO	
COMPANY ROUTE	CO.RTE	
COMPARATOR	CMPT	CPTR
COMPARE	CMR	
COMPARTMENT	COMPT	CMPT
COMPASS	COMP	
COMPLETE, COMPLETED, COMPLETION	CMPL	
COMPRESSOR	CPRS	COMPR
COMPUTE	CMPT	
COMPUTER	CMPT	
COMPUTER GENERATOR IMAGERY	CGI	
CONDITION	COND	
CONFIGURATION	CONFIG	CONF
CONFIGURATION DEVIATION LIST	CDL	
CONFIRM	CNFM	
CONSTRAINT	CSTR	CNSTR
CONSTANT SPEED DRIVE	CSD	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
CONTACTOR	CNTOR	
CONTINUE, CONTINUED, CONTINUOUS	CONT	CON
CONTINUOUS REPETITIVE CHIME	CRC	
CONTINUOUS WAVE	CW	
CONTROL	CTRL	CTL
CONTROL AREA	CTA	
CONTROL & DISPLAY UNIT	CDU	
CONTROLLED VISUAL FLIGHT RULES	CVFR	
CONTROL PANEL	CP	CTL.PNL
CONTROL SYSTEM ELECTRONIC UNIT	CSEU	
CONTROL UNIT	CU	
CONTROL WHEEL STEERING	CWS	
CONTROL ZONE	CTR	CZ
CONTROLLER	CTLR	
CONVERTER	CONV	
COOLER, COOLING	COOL	
COOPERATIVE ATM CONCEPT	CATMAC	
COPILOT	C-P	C/P
CORRECT, CORRECTED, CORRECTION	CORR	
COST INDEX	CI	
COUNTERCLOCKWISE	CCW	
COUPLE	CPL	
COUPLER	CPLR	
COURSE	CRS	
COURSE DEVIATION INDICATOR	CDI	
COWLING	COWL	
CREW ALERTING SYSTEM	CAS	
CREW COST	CC	Cc
CREW MEMBER	CM	
CROSS-CREW QUALIFICATION	CCQ	
CROSS BAR	XBAR	
CROSS FEED	XFD	XFEED
CROSS LINE	XLN	XLINE
CROSS TRACK	XTK	XTRK
CROSS TRACK ERROR	XTE	XTKE
CROSS VALVE	XVLV	
CROSS WIND	XWND	
CRUISE	CRZ	CR
CYCLIC REDUNDANCY CHECK	CRC	
CYLINDER	CYL	
DAMPER	DMPR	DAMP
DANGER, DANGEROUS	DNGR	
DATA ACQUISITION UNIT	DAU	
DATA BASE	DB	
DATA BASE LOADER UNIT	DLU	
DATA BASE MANAGEMENT SYSTEM	DBMS	
DATA ENTRY & DISPLAY PANEL	DEDP	
DATA LINK	DLK	DL, D/L, DLINK
DATA MANAGEMENT UNIT	DMU	
DATE	DAT	
DEAD RECKONING	DR	
DECELERATE, DECELERATION	DECEL	
DECIBEL	db	DB
DECISION ALTITUDE	DA	
DECISION HEIGHT	DH	
DECLINATION	DEC	
DECODER	DCCR	
DECREASE	DECR	
DEFINITION	DEF	
DEFLECTION	DEFL	
DEGREE	DEG	deg
DE-ICE	D-ICE	D-I, D/I

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
DELAY	DLA	DLY
DELAYED FLAP APPROACH	DFA	
DELETE	DEL	
DEMODULATOR	DMUX	DEMUX
DEPART, DEPARTURE	DEP	
DEPRESSURIZE, DEPRESSURIZATION	D-PR	D-PRESS
DESCEND, DESCENT	DES	DESC
DESIGN EYE (POSITION) POINT	DEP	
DESIGNATOR	DSIG	
DESIRED TRACK	DTK	DTRK
DESTINATION	DEST	
DETECT, DETECTED, DETECTION, DETECTOR	DET	DTECT
DEVIATION	DEV	DEVN
DIFFERENCE, DIFFERENTIAL	DIFF	
DIFFERENCE IN DEPTH OF MODULATION	DDM	
DIFFERENTIAL PRESSURE	dP	(delta)P
DIGITAL AIDS RECORDER	DAR	
DIGITAL AIR DATA SYSTEM	DADS	
DIGITAL ANALOG ADAPTER	DAA	
DIGITAL AUTONOMOUS TERMINAL ACCESS COMMUNICATION	DATAAC	
DIGITAL AVIONICS INFORMATION SYSTEM	DAIS	
DIGITAL DISTANCE & RADIO MAGNETIC INDICATOR	DDRMI	
DIGITAL FLIGHT DATA ACQUISITION UNIT	DFDAU	
DIGITAL FLIGHT DATA RECORDER	DFDR	
DIGITAL INFORMATION TRANSFER SYSTEM	DITS	
DIGITAL TO ANALOG (CONVERTER)	D/A	DAC
DILUTE, DILUTION	DIL	
DIMMING PANEL	DP	
DIRECT, DIRECTION	DIR	
DIRECT CURRENT	DC	
DIRECTIONAL GYRO	DG	
DIRECTION FINDER	DF	D/F
DIRECT LIFT CONTROL	DLC	
DIRECT OPERATING COST	DOC	
DIRECT TO	-D->	DIR.TO, DIR
DIRECT VISION (WINDOW)	DV	
DISARMED	DISRMD	D-RMD
DISCHARGE	DISCH	
DISCONNECT	DISC	
DISENGAGE, DISENGAGED	DIS	DISENG
DISPATCH DEVIATION MANUAL	DDM	
DISPATCH DEVIATION GUIDE	DDG	
DISPLAY	DSPL	
DISPLAY CONTROL PANEL	DCP	
DISPLAY MANAGEMENT COMPUTER	DMC	
DISPLAY PROCESSOR	DP	
DISPLAY UNIT	DU	
DISTANCE	DIST	
DISTANCE FROM TOUCHDOWN INDICATOR	DFTI	
DISTANCE MEASURING EQUIPMENT	DME	D
DISTANCE TO GO	DTG	
DIVERSION	DVRSN	DIV
DIVERT	DIV	DVRT
DIVISION	DIV	
DOPPLER	DOPP	DPLR
DOPPLER INERTIAL LORAN SYSTEM	DILS	
DOPPLER VOR	DVOR	
DOUBLE SIDE BAND	DSB	
DOWN	DN	
DOWN LINK	DNLK	DN-LK
DRIFT	DFT	D
DRIFT ANGLE	DA	
DRIFT DOWN	DD	DDWN, D/D

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
DRIVE	DRV	
DRY OPERATING WEIGHT	DOW	
DUMPER	DUMP	
EARTH ACCELERATION	g	
EAST	E	
ECAM CONTROL PANEL	ECP	
ECONOMIC, ECONOMY	ECON	
EFFECTIVE	EFF	
EFIS CONTROL PANEL	ECP	
EFIS (EICAS) INTERFACE UNIT	EIU	
ELAPSED TIME	ET	ELAPS
ELECTRIC, ELECTRICAL, ELECTRICITY	ELEC	
ELECTRICAL LOAD CONTROL UNIT	ELCU	
ELECTRONIC	ELEC	
ELECTROMAGNETIC INTERFERENCE	EMI	
ELECTROMECHANICAL FLIGHT INSTRUMENTS	EMFI	
ELECTRONIC ATTITUDE DIRECTOR INDICATOR	EADI	
ELECTRONIC CENTRALIZED AIRCRAFT MONITOR	ECAM	
ELECTRONIC COOLING SYSTEM	ELCS	ECS
ELECTRONIC DATA PROCESSING	EDP	
ELECTRONIC ENGINE CONTROL SYSTEM	EECS	
ELECTRONIC FUEL CONTROL SYSTEM	EFCS	
ELECTRONIC FLIGHT INSTRUMENT SYSTEM	EFIS	
ELECTRONIC HORIZONTAL SITUATION INDICATOR	EHSI	
ELECTRONIC INSTRUMENT SYSTEM	EIS	
ELECTRONIC LIBRARY SYSTEM	ELS	
ELEVATION	ELEV	EL, ELV
ELEVATOR	EL	
ELEVATOR & AILERON COMPUTER	ELAC	
EMERGENCY	EMER	EMRG
EMERGENCY DISTANCE AVAILABLE	ED	EDA
EMERGENCY LOCATOR BEACON	ELB	
EMERGENCY LOCATOR TRANSMITTER	ELT	
EMERGENCY POWER UNIT	EPU	
EMISSION	EM	
EMPTY	EMPTY	
ENABLE	ENBL	
ENDURANCE	END	
END OF DESCENT	E-D	EOD, E/D
END OF TRANSMISSION, END OF TAPE	EOT	
END OF TEXT	ETX	
ENGAGE	ENGA	ENG
ENGAGED	ENGD	
ENGINE	ENG	
ENGINE BLEED SYSTEM	EBS	
ENGINE CONTROL SYSTEM	ENGCS	ECS
ENGINE CONDITION MONITORING	ECM	
ENGINE DRIVEN PUMP	EDP	
ENGINE HEALTH MONITORING UNIT	EHMU	
ENGINE INDICATION & CREW ALERTING SYSTEM	EICAS	
ENGINE INSTRUMENT SYSTEM	EIS	
ENGINE LIFE COMPUTER	ELC	
ENGINE MULTIPLEXER	EMUX	
ENGINE OUT	EO	E-O, E/O
ENGINE PRESSURE RATIO/POWER RATING	EPR	
ENGINE ROTOR SPEED: LP, IP, HP	N1, N2, N3	
ENGINE SUPERVISORY CONTROL	ESC	
ENGINE VIBRATION INDICATOR	EVI	
ENGINE VIBRATION MONITORING UNIT	EV MU	
ENGINE/WARNING DISPLAY	E/WD	
EN ROUTE	ENR	E-RTE
EN ROUTE FLIGHT ADVISORY SERVICE	EFAS	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
ENTER	ENT	
ENTRANCE, ENTRY	ENTR	
ENTRY GUIDE VANES	EGV	
ENVIRONMENTAL CONTROL SYSTEM	ECS	
EQUAL TIME POINT	ETP	
EQUIPMENT	EQPT	
EQUIVALENT AIRSPEED	EAS	
ERROR	ERR	
ESCAPE	ESC	
ESSENTIAL	ESS	
ESTIMATE, ESTIMATED	EST	
ESTIMATED APPROACH TIME	EAT	
ESTIMATED ELAPSED TIME	EET	
ESTIMATED FUEL ON BOARD	EFOB	
ESTIMATED OFF BLOCK TIME	EOBT	
ESTIMATED TIME OF ARRIVAL	ETA	
ESTIMATED TIME OF DEPARTURE	ETD	
ESTIMATED TIME EN ROUTE	ETE	
ESTIMATED TIME OVER	ETO	
EVACUATION	EVAC	
EXCHANGE	EXCH	XCHG
EXCITATION	EXC	XCIT
EXECUTE	EXEC	
EXHAUST	EXH	
EXHAUST GAS TEMPERATURE	EGT	
EXPAND	EXP	XPND
EXPANDABLE FLT DATA ACQUISITION UNIT & RECORDING SYSTEM	EFDARS	
EXPECTED APPROACH TIME	EAT	
EXPECT FURTHER CLEARANCE	EFC	
EXPEDITE	XPED	XPDT
EXTEND	EXTD	XTND
EXTENDED/EXTRA FUNCTION	XFCN	
EXTENDED RANGE OPERATIONS	EROPS	
EXTENDED TWIN OPERATIONS	ETOPS	
EXTERNAL, EXTERIOR	EXT	
EXTERNAL POWER CONTACTOR	EPC	
EXTENSION	EXTN	
EXTINGUISH, EXTINGUISHER	EXTING	XTING
EXTRACT, EXTRACTION	EXTR	XTRC
EYE REFERENCE POINT	ERP	
FAHRENHEIT	F	
FAILURE, FAILED	FAIL	
FAN AIR VALVE	FAV	
FAN MARKER	FM	FMKR
FAST/SLOW	F/S	
FASTEN SEAT BELT	FSB	BELT
FAULT ISOLATION DETECTION (OR DISPLAY) SYSTEM	FIDS	
FAULT ISOLATION MONITOR (OR MANUAL)	FIM	
FAULT REPORTING MANUAL	FRM	
FEEL SIMULATION UNIT	FSU	
FEET/FOOT	FT	ft
FEET PER MINUTE	FPM	FT/MIN, fpm
FIELD ELEVATION PRESSURE	QFE	
FIGURE	FIG	
FILAMENT	FIL	
FILTER	FLTR	
FINAL APPROACH	FAPP	FAP
FINAL APPROACH FIX	FAF	
FINAL APPROACH POINT	FAPT	FAP
FIRE DECTION (OR DETECTOR) UNIT	FDU	
FIRST OFFICER	F-O	FO, F/O
FLAP	FLP	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
FLAP LOAD RELIEF SYSTEM	FLRS	
FLARE	FLR	
FLEXIBLE	FLEX	FLX
FLIGHT	FLT	
FLIGHT AUGMENTATION COMPUTER	FAC	
FLIGHT ATTENDANT	F-A	F/A
FLIGHT CONTROL ELECTRONIC SYSTEM	FCES	
FLIGHT CONTROL PANEL	FCP	
FLIGHT CONTROL SYSTEM	FCS	
FLIGHT CREW	F/C	FC
FLIGHT CREW OPERATING MANUAL	FCOM	
FLIGHT DATA ACQUISITION UNIT	FDAU	
FLIGHT DATA ENTRY PANEL	FDEP	
FLIGHT DATA RECORDER	FDR	
FLIGHT DATA STORAGE UNIT	FDSU	
FLIGHT DECK	F-DK	F/DK
FLIGHT-DECK ALERTING SYSTEM	FAS	
FLIGHT DIRECTOR	FD	F/D
FLIGHT ENGINEER	F-E	FE, F/E
FLIGHT GUIDANCE SYSTEM	FGS	
FLIGHT INFORMATION CENTER	FIC	
FLIGHT INFORMATION & CONTROL OF OPERATIONS	FICO	
FLIGHT INFORMATION REGION	FIR	
FLIGHT INFORMATION REGION BOUNDARY	FIRB	
FLIGHT INFORMATION SERVICE	FIS	
FLIGHT INSTRUMENT SYSTEM	FIS	
FLIGHT INTERPHONE SYSTEM	FIS	
FLIGHT LEVEL	FL	
FLIGHT LEVEL CHANGE	FL-CH	FLCH, FL/CH
FLIGHT MANAGEMENT SYSTEM	FMS	
FLIGHT MANAGEMENT & GUIDANCE SYSTEM	FMGS	
FLIGHT MODE ANNUNCIATOR	FMA	
FLIGHT MODE PANEL	FMP	
FLIGHT PATH ANGLE	FPA	
FLIGHT PATH TARGET	FPT	
FLIGHT PATH VECTOR	FPV	
FLIGHT PLAN	F-PLN	FPLN, FPL
FLIGHT PLAN PROCESSING SYSTEM	FPPS	
FLIGHT WARNING SYSTEM	FWS	
FLIGHT (WEATHER) FORECAST	FIFOR	
FLOW	FLO	
FLUORESCENT	FLUOR	
FLY BY WIRE	FBW	
FOLLOWING	FLWG	
FOOT, FEET	FT	ft
FORECAST	FCST	
FOREIGN OBJECT DAMAGE	FOD	
FORWARD	FWD	
FORWARD ELECTRICAL SERVICE CENTER	FESC	
FORWARD FACING CREW CONCEPT	FFCC	
FORWARD LOOKING INFRARED RADAR	FLIR	
FREEZE	FRZ	
FREIGHT	FRHT	
FREON COOLANT LOOP	FCL	
FREQUENCY	FREQ	FRQ
FREQUENCY MODULATION	FM	
FREQUENCY SHIFT KEYING	FSK	
FROM	FR	
FRONT	FRT	
FUEL CONTROL UNIT	FCU	
FUEL COOLED OIL COOLER	FCOC	
FUEL COST	FC	Fc
FUEL FLOW	FF	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
FUEL ON BOARD	FOB	
FUEL OVER DESTINATION	FOD	
FUEL QUANTITY	FQ	
FUEL QUANTITY INDICATOR/INDICATING SYSTEM	FQI	
FUEL SHUT-OFF VALVE	FSOV	
FUEL USED	FU	
FULL AUTHORITY DIGITAL ENGINE CONTROL	FADEC	
FUNCTION	FCTN	FCN
FUSELAGE	FUS	
GALLEY	GLY	
GALLON	GAL	
GARBLED	GRBL	
GENERAL	GEN	
GENERATOR	GEN	
GENERATOR CONTROL UNIT	GCU	
GENERATOR LINE CONTACTOR	GLC	
GENERATOR LINE RELAY	GLR	
GEOGRAPHIC REFERENCE POINT	GREF	GRP
GO AROUND	GA	G-A, G/A
GLARESHIELD	GSHLD	
GLIDE SLOPE	GS	GSL, G/S
GLIDE PATH	GP	G-P, G/P
GLOBAL NAVIGATION SATELLITE SYSTEM	GNSS	
GLOBAL NAVIGATION SYSTEM	GLNS	GLONASS
GLOBAL POSITIONING SYSTEM	GPS	
GRAVITY	g	GRVTY
GREEN	GRN	
GREENWICH MEAN TIME	GMT	
GROSS WEIGHT	GW	GWT
GROUND	GND	GRND
GROUND CLUTTER REDUCTION	GCR	
GROUND CONTROLLED APPROACH	GCA	
GROUND MAP	GMAP	
GROUND MOVEMENT CONTROL	GMC	
GROUND MOVEMENT RADAR	GMR	
GROUND POWER CONTROL UNIT	GPCU	
GROUND POWER UNIT	GPU	
GROUND PROXIMITY WARNING SYSTEM	GPWS	
GROUND REFERENCE POINT	GRP	
GROUND ROLL SYSTEM	GRS	
GROUND SPEED	GSP	GS, GSPD
GROUND TO AIR	G-A	G/A
HANDLE	HNDL	HDL
HEAD	HD	
HEAD DOWN DISPLAY	HDD	
HEADING	HDG	
HEADING & ATTITUDE SYSTEM	HAS	
HEADING SELECT(ED)	HSEL	HDGS, HDG/S
HEAD UP DISPLAY	HUD	
HEADWIND	HWND	HW
HEATER	HTR	
HECTO-PASCAL(S)	hPa	HPA
HEIGHT	HT	
HEIGHT ABOVE THRESHOLD	HAT	
HELICOPTER	HEL	
HERTZ	HZ	Hz
HIGH	HI	
HIGH FREQUENCY	HF	H/F
HIGH INTENSITY RUNWAY EDGE LIGHTING	HRL	
HIGH LEVEL	HLVL	HI-LVL
HIGH PRESSURE	HP	HI-PR

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
HIGH PRESSURE SPOOL SPEED	N2,N3	
HIGH PRESSURE VALVE	HPV	
HIGH SPEED	HS	HSPD
HIGH SPEED TURN-OFF	HST	
HIGH TEMPERATURE	HT	
HOLD	HLD	
HOLDING (PATTERN)	HOLD	
HORIZON	HZN	HRN
HORIZONTAL NAVIGATION	HNAV	
HORIZONTAL SITUATION DISPLAY	HSD	
HORIZONTAL SITUATION INDICATOR	HSI	
HOT	H	
HOURL	HR	hr, H
HYDRAULIC	HYD	
HYDRAULIC CONTROL UNIT	HCU	
HYDROMECHANICAL UNIT	HMU	
IDENTIFICATION BEACON	IBN	IBCN
IDENTIFY, IDENTIFIER, IDENTIFICATION	ID	IDENT
IGNITION	IGN	
IMMEDIATE	IMM	IMMED
INBOARD	INBD	INBO
INBOUND	INB	INBND
INCH(ES)	IN(S)	in(s)
INCLUDE, INCLUSIVE	INC	INCL
INCREASE, INCREASING	INCR	INC
INDEX	INDX	
INDICATED AIRSPEED	IAS	
INDICATOR, INDICATED, INDICATION	IND	
INERTIAL NAVIGATION SYSTEM	INS	
INERTIAL REFERENCE SYSTEM	IRS	
INERTIAL SENSOR SYSTEM	ISS	
INERTIAL SYSTEM DISPLAY UNIT	ISDU	
INERTIAL VERTICAL SPEED INDICATOR	IVSI	
IN-FLIGHT ENTERTAINMENT	IFE	
IN-FLIGHT SHUT DOWN	IFSD	
INFORMATION	INFO	
INHIBITION	INHIB	INH
INITIAL, INITIALIZE, INITIALIZATION	INIT	
INITIAL APPROACH FIX	IAF	
INITIAL FIX	IF	
INITIAL POINT	IP	
INJECTION	INJ	
INLET (OR INTAKE) GUIDE VANES	IGV	
INNER	INR	
INNER MARKER	IM	IMKR
INOPERATIVE	INOP	
INPUT/OUTPUT	I/O	
INSTRUMENT	INST	
INSTRUMENTED VISUAL RANGE	IVR	
INSTRUMENT FLIGHT RULES	IFR	
INSTRUMENT LANDING SYSTEM	ILS	
INSTRUMENT METEOROLOGICAL CONDITIONS	IMC	
INTAKE	INTK	
INTEGRATED AVIONICS CONTROL SYSTEM	IACS	
INTEGRATED DRIVE GENERATOR	IDG	
INTERCEPT	INTCP	
INTERCEPT POINT	I-PT	IP, I/P
INTERCEPT PROFILE	I-PROF	IP, I/P
INTERCOM, INTERCOMMUNICATION	IC	INT, I/C
INTERLOCK	INTLK	
INTERMEDIATE FIX	INF	IF
INTERMEDIATE PRESSURE	IP	IPR, I-PR

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
INTERMEDIATE PRESSURE SPOOL SPEED	N2	
INTERNAL	INT	
INTERNATIONAL	INTL	
INTERNATIONAL STANDARD ATMOSPHERE	ISA	
INTERPHONE	INPH	INTPH
INTERRUPT, INTERRUPTED, INTERRUPTION	INTRP	
INTERSECTION	INTSC	INT
INTER SYSTEM BUS	ISB	
INVERTER	INV	
ISOLATE, ISOLATED, ISOLATION	ISOL	
JAMMED, JAMMING	JAM	
JUNCTION	JCT	
KEYBOARD	KYBD	
KILOGRAM	KG	kg
KRUGER	KRUG	
KNOT	KT	kt
LANDING	LDG	
LANDING DIRECTION INDICATOR	LDI	
LANDING GEAR	LG	L-G, L/G
LANDING ROLL-OUT CONTROL UNIT	LRCU	
LANDING WEIGHT	LW	
LASER	LSR	
LATERAL	LAT	
LATERAL NAVIGATION	LNAV	L/NAV, LNV
LATERAL REVISE/REVISION	LREV	L-REV
LATCH	LTCH	
LATITUDE	LAT	
LATITUDE/LONGITUDE	L/L	LL
LAVATORY	LAV	
LEADING EDGE	LE	L/E
LEFT		LT
LEFT HAND	LH	
LEFT LINE SELECT (KEY)	LLS	
LEFT WING DOWN	LWD	
LEVEL	LVL	
LEVEL CHANGE	LVLCHG	LVL/CH
LEVER	LVR	
LIFT DUMP/DUMPER	LIFTD	L-DMP
LIGHT(S)	LT(S)	
LIGHT EMITTING DIODE	LED	
LIMIT	LIM	
LIMITER	LMTR	
LINEAR	LIN	
LINE REPLACEABLE UNIT	LRU	
LINE SELECT KEY	LSK	
LIQUID CRYSTAL DISPLAY	LCD	
LIQUID OXYGEN	LOX	
LIST OF EFFECTIVE PAGES	LEP	
LITER/LITRE	L	
LOAD	LD	
LOAD ALLEVIATION SYSTEM	LAS	
LOAD CLASSIFICATION NUMBER	LCN	
LOAD RELIEF SYSTEM	LRS	
LOAD SHEDDING RELAY	LSR	
LOCAL	LCL	
LOCALIZER	LOC	
LOCALIZER INERTIAL SMOOTHING	LIS	LOC-IS
LOCALIZER DIRECTIONAL AID	LDA	
LOCATION	LCTN	
LOCATOR	LCTR	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
LOCK	LK	
LOCKED	LKD	
LONG RANGE CRUISE	LRC	
LONG RANGE (AID TO) NAVIGATION	LRN	LORAN
LONGITUDE, LONGITUDINAL	LONG	LNG
LORAN & INERTIAL NAVIGATION SYSTEM	LINS	
LOUDSPEAKER	SPKR	
LOW	LO	
LOWER	LWR	
LOWER SIDE BAND	LSB	
LOW FREQUENCY	LF	
LOW INTENSITY RUNWAY EDGE LIGHTING	LRL	
LOW LEVEL	LQVL	LO-LVL
LOW PRESSURE	LP	LO-PR
LOW PRESSURE SPOOL SPEED	N1	
LOW RANGE RADIO ALTIMETER	LRRA	
LOW SPEED	LS	LSPD
LOW SPEED AILERON	LSA	LS-AIL
MACH	M	
MACH/AIRSPEED INDICATOR	MASI	M/ASI
MAGNETIC	MAG	
MAGNETIC HEADING REFERENCE SYSTEM	MHRS	
MAGNETIC INDICATOR	MI	
MAIN LANDING GEAR	MLG	
MAINTAIN, MAINTENANCE	MAINT	
MAINTENANCE CONTROL & DISPLAY UNIT	MCDP	
MAINTENANCE COST	MC	Mc
MAINTENANCE MANUAL	MM	
MAINTENANCE TEST PANEL	MTP	
MAJFUNCTION	MAJF	MAL
MANAGEMENT	MGMT	
MANDATORY OCCURRENCE REPORT	MOR	
MANIFOLD	MANF	
MANUAL	MAN	
MARK	MK	
MARKER	MKR	
MARKER BEACON	MKR	MB MBCN
MASTER	MSTR	
MASTER CAUTION LIGHT	MCL	
MASTER MINIMUM EQUIPMENT LIST	MMEL	
MASTER WARNING LIGHT	MWL	
MASTER WARNING SYSTEM	MWS	MWARN
MAXIMUM AUTHORIZED (IFR) ALTITUDE	MAA	
MAXIMUM CLIMB	MCLB	MCL
MAXIMUM CONTINUOUS (THRUST)	MCT	
MAXIMUM CRUISE (THRUST)	MCRZ	MCR, MCRT
MAXIMUM LANDING WEIGHT	MLW	
MAXIMUM RAMP WEIGHT	MRW	
MAXIMUM SPECIFIC RANGE	MSR	
MAXIMUM TAKE-OFF GROSS WEIGHT	MTOWG	MTGW
MAXIMUM TAKE-OFF (THRUST)	MTOW	
MAXIMUM TAKE-OFF WEIGHT	MTOW	MTW
MAXIMUM TAXI WEIGHT	MTXW	
MAXIMUM ZERO FUEL WEIGHT	MZFW	
MEAN AERODYNAMIC CHORD	MAC	
MEAN SEA LEVEL	MSL	
MEAN TIME BETWEEN FAILURES	MTBF	
MECHANIC, MECHANICAL	MECH	
MEDIUM	MED	
MEDIUM FREQUENCY	MF	
MEDIUM INTENSITY RUNWAY EDGE LIGHTING	MRL	
MEMORANDUM	MEMO	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
MEMORIZED FAULT ANNUNCIATOR	MFA	
MEMORY	MEM	
MENU	M	
MERCURY	Hg	
MESSAGE	MSG	
METER, METRE	MTR	M, m
METERING FIX	MTF	MTF, MF
METEOROLOGICAL	MET	
MICROPHONE	MIC	
MICROWAVE LANDING SYSTEM	MLS	
MIDDLE, MIDSHIP	MID	
MIDDLE MARKER	MM	MMKR
MID ELECTRONICS SERVICE CENTER	MESC	
MILE	MI	mi, m
MILES PER HOUR	MPH	mph
MILLIBAR	mb	MB
MINIMUM APPROACH BREAK-OFF HEIGHT	MABH	
MINIMUM CROSSING ALTITUDE	MCA	
MINIMUM DESCENT (OR DECISION) HEIGHT	MDH	
MINIMUM DESCENT (OR DECISION) ALTITUDE	MDA	
MINIMUM EN-ROUTE ALTITUDE	MEA	
MINIMUM EQUIPMENT LIST	MEL	
MINIMUM OBSTACLE (OR OBSTRUCTION) CLEARANCE ALTITUDE	MOCA	
MINIMUM RECEPTION ALTITUDE	MRA	
MINIMUM REQUIREMENT LIST	MRL	
MINIMUM SAFE/SECTOR ALTITUDE	MSA	
MINIMUM SECTOR FUEL	MSF	
MINIMUM ZERO FUEL WEIGHT	MINZFW	
MINUTE	MIN	MN, min
MISCELLANEOUS	MISC	
MISSED	MSD	
MISSED APPROACH POINT	MAP	MAPT
MISSED APPROACH PROCEDURE	MAPROC	MAPRO
MODERATE	MOD	
MODE CONTROL PANEL	MCP	
MODE SELECT PANEL	MSP	
MODIFY, MODIFICATION	MOD	
MODULAR CONCEPT UNIT	MCU	
MONITOR, MONITORED, MONITORING	MON	
MOTOR	MOT	
MOUNTING	MTG	MNTG
MULTIFUNCTION CONTROL & DISPLAY UNIT	MCDU	
MULTIFUNCTION DISPLAY	MFD	
MULTIPLEX	MUX	
NACELLE	NAC	
NAUTICAL MILES	NM	nm
NAVIGATION, NAVIGATOR	NAV	NV
NAVIGATION AID	NAVAID	
NAVIGATION DATA BASE	NAVDB	NVDB, NDB
NAVIGATION DISPLAY	ND	
NAVIGATION REFERENCE POINT	NRP	
NAVIGATION SELECTOR PANEL	NSP	
NEGATIVE	NEG	-ve
NEXT	NXT	NX
NEXT AVAILABLE LANDING TIME	NALT	
NEXT PAGE	N-P	N/P
NEUTRAL	NEUT	
NO ACKNOWLEDGE	NAK	
NO COMPUTED DATA	NCD	
NOISE ABATE/ABATEMENT	NA	
NOISE ABATEMENT PROFILE	NAP	
NOISE ABATEMENT THRUST	NAT	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
NON-DIRECTIONAL BEACON	NDB	NDBCN
NON-RETURN VALVE	NRV	
NO PROCEDURE TURN (REQUIRED)	NOPT	
NORMAL	NORM	
NORTH	N	
NOSE LANDING GEAR	NLG	
NOSEWHEEL	NW	NWHL
NOSEWHEEL STEERING	NWS	NWSTR
NO SMOKING	NSMK	
NOTICE TO AIRMEN	NOTAM	
NUMBER	#	NO, NR
NOT APPLICABLE	NA	N/A
OBSERVE, OBSERVED, OBSERVATION	OBSV	
OBSERVER	OBSVR	OBSR, OBS
OBSTACLE, OBSTRUCTION	OBST	
OBSTACLE CLEARANCE LIMIT	OCL	
OBSTACLE CLEARANCE SURFACE	OCS	
OFF/RESET	OFF/R	
OFFSET	OFST	OFS
OMEGA NAVIGATION SYSTEM	OMS	
OMNI-BEARING SELECTOR	OBS	
ONBOARD BALANCE SYSTEM	OBS	OBBS
ONBOARD MAINTENANCE SYSTEM	OMS	OBMS
ONBOARD WEIGHING SYSTEM	OWS	OBWS
ONBOARD WEIGHT & BALANCE SYSTEM	OWBS	OBWBS
ON COURSE	O/C	
ON REQUEST	O/R	
OPEN	O	
OPERATIONAL	OP	
OPERATIONAL/OPERATORS WEIGHT EMPTY	OEWE	
OPERATING, OPERATION, OPERATIVE	OPER	OP
OPERATIONS	OPS	
OPERATIONS MANUAL	OM	OPS-M
OPPOSITE	OPP	
OPTIMUM	OPT	
ORIGIN	ORIG	
OSCILLATION	OSC	
OUTBOARD	OUTBD	OUTBO
OUTBOUND	OUTB	OUTBND
OUTER	OUTR	
OUTER MARKER	OM	OMKR
OUTLET	OUTL	
OUT/OFF/ON/IN	OOOI	
OUTPUT/INPUT	O/I	
OUTSIDE AIR TEMPERATURE	OAT	
OVERBOARD	OVBD	OVBRD
OVERFLOW	OVFL	
OVERFLYING	OVFLY	O/F
OVERHEAD	OVHD	
OVERHEAT	OVHT	
OVERLIMIT	OVLIM	
OVERLOAD	OVL D	
OVERPRESSURE	OVPR	
OVERRIDE	OVRD	
OVERRUN	OV RN	OR
OVERSPEED	OVSPD	OVSP
OVERSTATION SENSOR	OSS	
OVERTEMPERATURE	OVTMP	
OXYGEN	OXY	O2
PACK	PK	
PACKAGE	PKG	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
PAGE	PG	
PANEL	PNL	
PARALLEL	PRL	
PARALLEL AIRCRAFT PARKING AID	PAPA	
PARALLEL TRACK	P-TK	
PARAVISUAL DIRECTOR (DISPLAY)	PVD	
PARAVISUAL INDICATOR	PVI	
PARK	PK	
PASCAL	Pa	
PASSENGERS	PAX	
PASSENGER ADDRESS	PA	
PASSENGER ENTERTAINMENT SYSTEM	PES	
PASSENGER SERVICE UNIT	PSU	
PATH	PTH	
PATTERN	PAT	PATT
PAVEMENT CLASSIFICATION NUMBER	PCN	
PEDAL	PEDL	
PEDESTAL	PED	
PER CENT	%	PCT
PERFORMANCE	PERF	
PERFORMANCE MANAGEMENT SYSTEM	PMS	
PERMANENT MAGNET GENERATOR	PMG	
PILOT	PLT	P(1,2,3)
PILOT DISPLAY UNIT	PDU	
PILOT FLYING	PF	
PILOT IN COMMAND	PIC	
PILOT NOT FLYING	PNF	
PILOT REPORT	PIREP	
PITCH	PTCH	PIT
PITCH ATTITUDE	PATT	P-ATT
PITCH AUGMENTATION COMPUTER	PAC	
PITCH LIMIT INDICATOR	PLI	
PLACE/BEARING/DISTANCE	PBD	P/B/D
PLAN	PLN	
PLAN POSITION INDICATOR	PPI	
PLANNED LANDING WEIGHT	PLW	
PLATFORM	PLATF	
PNEUMATIC	PNEU	
POINT	PT	
POINT OF EQUAL TIME	PET	
POINT OF NO RETURN	PNR	
POSITION	POS	POSN
POSITION ERROR	PE	
POSITIVE	POS	+ve
POSSIBLE	PSBL	
POTABLE WATER	POTW	
POUND	LB	lb
POUND(S) PER SQUARE INCH	PSI	psi
POWER	PWR	
POWER CONTROL ACTUATOR	PCA	
POWER CONTROL UNIT	PCU	
POWER LEVER ANGLE	PLA	
POWER TRANSFER UNIT	PTU	
PRECISION APPROACH PATH INDICATOR	PAPI	
PRECISION APPROACH RADAR	PAR	
PRECISION DME	DME/P	PDME
PRECISION VOR	PVOR	
PRE-DEPARTURE CHECK	PDC	
PREDICTED, PREDICTION	PRED	
PREDICTED WIND DATA	PWD	
PREFERRED	PREFD	
PREFLIGHT	PREFLT	P-FLT
PRE-RECORDED ANNOUNCEMENT	PRA	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
PRESENT	PRES	
PRESENT POSITION	PPOS	
PRESSURE	PRESS	P, PR
PRESSURE-OFF BRAKE	POB	
PRESSURE REGULATING (RELIEF) VALVE	PRV	
PRESSURIZATION	PRESN	PRESSN
PREVIOUS	PREV	
PRIMARY	PRI	PRIM
PRIMARY ACCESS TERMINAL	PAT	
PRIMARY ENGINE DISPLAY	PED	
PRIMARY FLIGHT (COMPUTER) CONTROL SYSTEM	PFCS	
PRIMARY FLIGHT DISPLAY	PFD	
PRINTER	PRTR	PTR
PRIOR NOTICE REQUIRED	PNR	
PROCEDURE	PROC	
PROCEDURE TURN	PROC-T	P-TURN
PROFILE	PROF	
PROFILE ALT/CLB/DES/MACH/SPD	P-(mode)	
PROGRAM	PRGM	
PROGRAMMABLE READ-ONLY MEMORY	PROM	
PROGRESS	PROG	
PROPELLOR	PROP	
PROTECTION	PROT	
PROXIMITY	PROX	
PROXIMITY WARNING INDICATOR	PWI	
PURSER	PURS	
PUSH BUTTON	PB	P-B, P/B
PUSH (PRESS) TO ARM	PTA	P-ARM
PUSH (PRESS) TO CANCEL	PTC	P-CNCL
PUSH (PRESS) TO INHIBIT	PTI	P-INH
PUSH (PRESS) TO RESET	PTR	P-RST
PUSH (PRESS) TO SET	PTS	P-SET
PUSH (PRESS) TO TALK/TRANSMIT	PTT	P-T
PUSH (PRESS) TO TEST	PTST	P-TST
PUSH (PRESS) TO TURN/SWITCH OFF	PTO	P-OFF
QUADRANT	QUAD	
QUANTITY	QTY	
QUART	QT	
QUARTER	QTR	
QUICK ACCESS RECORDER	QAR	
QUICK REFERENCE HANDBOOK	QRH	
RADAR	RDR	RAD
RADAR/RADIO HEIGHT	R-HT	RHT, R/H
RADIAL	R	RDL, RAD
RADIO	RAD	
RADIO ALTIMETER/ALTITUDE	RA	R/A
RADIO COMMUNICATION PANEL	RCP	
RADIO & DISTANCE & MAGNETIC INDICATOR	RDMI	
RADIO/INERTIAL	R/I	
RADIO FREQUENCY INTERFERENCE	RFI	
RADIO & MAGNETIC INDICATOR	RMI	
RADIO MANAGEMENT SYSTEM	RMS	
RADIO TELETYPEWRITER	RTT	
RADIO (TELEPHONE) TRANSMISSION	RT	R-T, R/T
RAM AIR TURBINE	RAT	
RANDOM ACCESS MEMORY	RAM	
RANDOM (AREA) NAVIGATION	RNAV	
RANGE	RNG	
RAPID EXIT TAXIWAY	RET	
RATE OF CLIMB	ROC	R-C, R/C
RATE OF DESCENT	ROD	R-D, R/D

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
READ ONLY MEMORY	ROM	
READY	RDY	
RECALL	RCL	
RECEIVE	RCV	
RECEIVER	RCVR	RX
RECIRCULATION	RECIRC	
RE-CLEAR	R-CLR	
RE-CLEARED	R-CLRD	
RECORD	RCD	
RECORDER	RCDR	REC
RECTIFIER	RECT	
REDUCTION	REDCT	
REDUNDANT, REDUNDANCY	REDND	
REFERENCE	REF	
REFERENCE EYE POSITION	REP	
REFRIGERATION	FRIG	
REFUEL	R-FL	RFL, R/FL
REGISTRATION	REG	
REGULATOR	REGL	
REGULATED TAKE-OFF WEIGHT	RTOW	
REJECTED TAKE-OFF	RTO	
RELAY	RLY	
RELEASE	REL	
REMAIN	RMN	
REMAINING	RMNG	
REMOTE	REM	R
REMOTE LIGHT SENSOR	RLS	
REMOTELY CONTROLLED CIRCUIT BREAKER	RCCB	
REPEATING	RPTG	
REPELLANT	RPLNT	
REPETITIVE CHIME	RC	
REPETITIVE STROKE	RS	
REPORT	REP	
REPORTING	RPTG	
REPORTING POINT	R-PT	R/PT
REQUEST	RQST	REQ
REQUEST LEVEL CHANGE EN-ROUTE	RLCE	
REQUIRED	REQD	RQRD
REQUIRED TIME OF ARRIVAL	RTA	
RESERVE, RESERVATION	RSV	RES
RESERVOIR	RSVR	
RESET	RST	
RESOLUTION ADVISORY	RA	
RESPONDER BEACON	RSP	RBCN
RESTRICTED, RESTRICTION	RESTR	REST
RETARD	RETD	RET
RETRACT, RETRACTED, RETRACTABLE	RETR	
RETURN	RET	RTRN
REVERSE	REV	
REVERSE COURSE	RCRS	REV
REVERSE CURRENT PROTECTION	RCP	
REVERSER	REVR	
REVISE, REVISION	REV	RVS
REVOLUTION PER MINUTE	RPM	
RIGHT	R	RT
RIGHT HAND	RH	
RIGHT LINE SELECT (KEY)	RLS	
RIGHT WING DOWN	RWD	
RNAV APPROACH	RNAPP	
ROTARY	RTRY	ROT
ROTOR	RTR	
ROUTE	RTE	
ROUTE SURVEILLANCE RADAR	RSR	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
RUDDER	RUD	
RUNWAY	RWY	RW, RNWY
RUNWAY CENTERLINE MARKING	RCLM	
RUNWAY HEADING	QFU	
RUNWAY VISUAL RANGE	RVR	
SAFETY HEIGHT	S-HT	S/HT
SATELLITE	SAT	
SATELLITE COMMUNICATIONS	SATCOM	
SATELLITE NAVIGATION	SATNAV	
SCHEDULED TIME OF ARRIVAL	STA	
SCHEDULED TIME OF DEPARTURE	STD	
SCRATCH PAD	S-PAD	SP
SCREEN	SCRN	
SEA LEVEL	SL	
SEA LEVEL STANDARD PRESSURE	QFE	
SEA LEVEL PRESSURE	QNH	
SEARCH & RESCUE	SAR	
SECOND(S)	SEC	sec
SECOND/SECONDARY	2ND	SEC
SECONDARY SURVEILLANCE RADAR	SSR	
SECOND OFFICER	S-O	S/O
SECTION	SECT	
SECTOR	SCTR	
SEGMENT	SEG	SEGM
SELECT, SELECTED, SELECTION, SELECTOR	SEL	
SELECTED CROSSTRACK	SXTK	
SELECTIVE CALL	SELCAL	
SENSITIVITY	SENS	SEN
SENSOR	SNSR	
SEPARATE, SEPARATION	SEP	
SEQUENCE, SEQUENTIAL	SEQ	
SERVICE	SVCE	SERV
SERVICEABLE	SVBL	
SERVICING	SVNG	
SERVO ALTIMETER	SVALT	
SERVO MOTOR	SVHOT	SHVTR
SHAKER	SHKR	
SHEDDING	SHED	
SHIELD	SHLD	
SHORT CIRCUIT	SC	S/C
SHORT RANGE NAVIGATION	SRN	
SHORT TAKE-OFF & LANDING	STOL	
SHUT OFF VALVE	SOV	
SHUTTER	SHTR	
SIGNAL	SIG	
SIGNIFICANT	SIG	
SIMULATE, SIMULATOR, SIMULATION	SIM	
SIMULTANEOUS	SIMUL	
SINGLE CHIME	SC	
SINGLE SIDE BAND	SSB	
SINGLE STROKE CHIME	SSC	
SITUATION	SIT	
SKIP	SKP	
SLAT	SLT	
SLAT & FLAP CONTROL COMPUTER	SFCC	
SLOW	S	
SMOKE	SMK	
SMOKE DETECTION CONTROL UNIT	SDCU	
SMOKING	SMKG	
SOUTH	S	
SPEAKER	SPKR	
SPECIAL	SPCL	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
SPECIAL RULES AREA (ZONE)	SRA(Z)	
SPECIFIC, SPECIFICATION	SPEC	
SPECIFIC AIR RANGE	SAR	
SPECIFIC FUEL CONSUMPTION	SFC	
SPEECH INTERFERENCE LEVEL	SIL	
SPEED	SPD	
SPEED BRAKE	SPBK	SPD-BK
SPEED COMMAND	SCMD	SC
SPEED CONTROL SYSTEM	SCS	
SPEED REFERENCE SYSTEM	SRS	
SPEED SELECT	SPDS	VSEL
SPLIT SYSTEM BREAKER	SSB	
SPOILER	SPLR	
SPOILER & ELEVATOR COMPUTER	S/EC	SEC
SQUELCH	SQ	SQL
SQUIB	SQB	
STABLE, STABILITY, STABILIZER	STAB	
STABILITY AUGMENTATION SYSTEM	SAS	
STALL IDENTIFICATION SYSTEM	SIS	
STANDARD	STD	
STANDARD INSTRUMENT APPROACH PROCEDURE	SIAP	
STANDARD INSTRUMENT DEPARTURE	SID	
STANDARD OPERATING PROCEDURE	SOP	
STANDARD TERMINAL ARRIVAL ROUTE	STAR	
STANDBY	STBY	SBY
STANDBY ANNUNCIATOR PANEL	SAP	S-AP
STANDBY ATTITUDE INDICATOR	SAI	S-ATT
STANDBY ENGINE DISPLAY	SED	S-ENG
STANDBY MAGNETIC COMPASS	SMC	
START OF TRANSMISSION	SOT	
STATIC	STAT	
STATIC AIR TEMPERATURE	SAT	
STATIC SOURCE CORRECTION	SSC	
STATIC SOURCE ERROR CORRECTION	SSEC	
STATION	STA	
STATION ELEVATION	STAEL	
STATUS	STS	
STEADY	STDY	
STEERING	STRG	STEER
STEP CLIMB	S-C	S-CLB, S/C
STEP DESCENT	S-D	S-DES, S/D
STOPWAY	SWY	
STRAIGHT-IN APPROACH	STA	
SUBSTITUTE	SUB	
SUPERVISORY ENGINE CONTROL	SEC	
SUPPLY	SPLY	
SURFACE	SURF	
SURVEILLANCE RADAR	SR	
SURVEILLANCE RADAR APPROACH	SRA	
SWITCH	SW	
SWITCHING	SWG	
SYMBOL GENERATOR (UNIT)	SG(U)	
SYMMETRICAL	SYM	
SYNCHRONIZE	SYNC	
SYSTEM	SYS	SYST
SYSTEM DATA ANALOG CONVERTER	SDAC	
SYSTEM DATA ACQUISITION CONCENTRATOR	SDAC	
SYSTEM DISPLAY	SD	
SYSTEM MONITOR PROCESSOR	SMP	
TACHOMETER	TACH	
TACTICAL	TAC	TACT
TACTICAL AIR NAVIGATION	TACAN	TCN, TAC

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
TAILPLANE (INCIDENCE) INDICATOR	TPI	
TAILWIND	TWND	TW
TAKE-OFF	T/O	TO, T-O, T.O
TAKE-OFF DISTANCE (AVAILABLE)	TOD(A)	
TAKE-OFF FUEL	TOF	
TAKE-OFF/GO-AROUND	TOGA	TO/GA
TAKE-OFF GROSS WEIGHT	TOGW	
TAKE-OFF WEIGHT	TOW	
TANK	TNK	TK
TARGET	TRGT	TGT
TAXI IN, PUSH OUT	TIPO	
TAXIWAY	TWY	T/WAY
TELEPHONE	TEL	
TELETYPEWRITER	TT	
TEMPERATURE	TEMP	T
TERMINAL	TML	TERM
TERMINAL AREA FORECAST	TAF	
TERMINAL AREA (SURVEILLANCE) RADAR	TAR	
TERMINAL CONTROL AREA	TMA	
TERMINAL INSTRUMENT PROCEDURES	TERPS	
TERMINAL VOR	TVOR	
TERRAIN	TERR	
TEST	TST	
THERMAL ANTI-ICE	TAI	TA-I, TA/I
THRESHOLD	THLD	THR
THROTTLE	THROT	THR
THROTTLE LEVER ANGLE	TLA	
THRUST	THR	
THRUST CONTROL SYSTEM	TCS	
THRUST MANAGEMENT (MODULATION) SYSTEM	TMS	
THRUST RATING (REFERENCE) PANEL	TRP	
THRUST RATING (REFERENCE) SYSTEM	TRS	
THRUST REVERSER	T-R	T/R
TIME	TM	
TIMER	TMR	
TIME TO GO	TTG	
TIME TO STATION	TTS	
TIRE PRESSURE INDICATING SYSTEM	TPIS	
TIRE PRESSURE MONITORING SYSTEM	TPMS	
TO BE DETERMINED	TBD	
TOP OF CLIMB	T-C	TOC, T/C
TOP OF DESCENT	T-D	TOD, T/D
TOTAL AIR TEMPERATURE	TAT	
TOTALIZER	TOT	
TOUCH CONTROL STEERING	TCS	
TOUCHDOWN	TON	TD
TOUCHDOWN POINT	TOP	
TOUCHDOWN ZONE	TOZ	
TOUCHDOWN ZONE ELEVATION	TDZE	
TOWER	TWR	
TRACK, TRACK ANGLE	TRK	TK
TRACK ANGLE ERROR	TKE	TAE
TRACK MADE GOOD	TMG	
TRAFFIC	TFC	TRFC
TRAFFIC ADVISORY	TA	
TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM	TCAS	T-CAS
TRAFFIC INFORMATION ZONE	TIZ	
TRAILING EDGE	TE	
TRANSCEIVER	XCVR	
TRANSFER	XFR	XFER, TFR
TRANSFORMER	XFMR	
TRANSFORMER/RECTIFIER	TR	T-R, T/R
TRANSITION	TRANS	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
TRANSITION ALTITUDE	TA	T-ALT
TRANSITION LEVEL	TL	T-LVL
TRANSMITTER	XMTR	TX
TRANSMITTER/RECEIVER	T/R	TX/RX
TRANSPONDER	XPDR	TPR
TRAVEL	TRVL	
TRIMMABLE HORIZONTAL STABILIZER	THS	
TROPOPAUSE	TROPO	
TRUE	TRU	T
TRUE AIRSPEED	TAS	
TRUE TRACK	TTK	
TUNED RADIO FREQUENCY	TRF	
TURBINE	TURB	TUR
TURBINE GAS TEMPERATURE	TGT	
TURBINE INLET TEMPERATURE	TIT	
TURBINE VIBRATION INDICATOR	TVI	
TURBULENCE	TURB	
TURN & SLIP	T-S	T/S
TURN (TURNING) POINT	T-PT	TP, T-P
TURN RADIUS	T-RAD	TR, T-R
TYPICAL	TYP	
ULTIMATE	ULT	
ULTRA HIGH FREQUENCY	UHF	
ULTRAVIOLET	UV	
UNABLE	UNAB	UNABL
UNACHIEVABLE	UNACH	
UNAVAILABLE	UNAVL	UNVAIL
UNCOUPLE(D)	UNCPL(D)	
UNDER FLOOR	U-FLR	U/FLR
UNDERWATER LOCATOR BEACON	ULB	
UNIT FAULT DATA	UFD	
UNIVERSAL TIME (COORDINATED)	UTC	
UNLIMITED	UNLIM	UNL
UNLOCK, UNLOCKED	UNLK	
UNSERVICEABLE	U/S	US, u/s
UNSTABLE	UNSTAB	
UNTIL FURTHER NOTICE	UFN	
UPLINK, UPLOCK	UPLK	UP/LK, UP-LK
UPPER	UPR	
UPPER AIRSPACE	UAS	
UPPER AIRSPACE CONTROL CENTER	UACC	
UPPER AIRWAY	UWY	
UPPER AREA CONTROL CENTER	UAC	
UPPER CONTROL AREA	UTA	
UPPER SIDEBAND	USB	
UTILITY	UTIL	
UPPER FLIGHT INFORMATION REGION	UIR	
VACUUM	VAC	
VALID, VALIDATION	VAL	VLD
VALVE	VLV	
VARIABLE, VARIATION	VAR	
VARIABLE BYPASS VALVE	VBV	
VARIABLE STATOR VANE	VSV	
VECTOR	VECT	
VELOCITY	VEL	
VENTILATION	VENT	
VERIFY	VRFY	
VERTICAL	VERT	
VERTICAL ANGLE	VANG	
VERTICAL BEARING	VBRG	
VERTICAL DEVIATION	VDEV	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
VERTICAL GYRO	VG	
VERTICAL NAVIGATION	VNAV	VN
VERTICAL PROFILE	VPROF	
VERTICAL REFERENCE UNIT	VRU	
VERTICAL REVISE	VREV	
VERTICAL SITUATION DISPLAY	VSD	
VERTICAL SPEED	VS	VSPD, V/S
VERTICAL SPEED INDICATOR	VSI	
VERTICAL TRACK	VTK	
VERTICAL TRACK ERROR	VTE	
VERY HIGH FREQUENCY	VHF	
VERY HIGH VOLTAGE	VHV	
VERY LOW FREQUENCY	VLf	
VHF NAVIGATION	VHFNAV	
VHF OMNIDIRECTIONAL RANGE	VOR	
VIBRATION	VIB	VIBN
VISIBILITY	VIS	
VISUAL APPROACH SLOPE	VASI	
VISUAL DISPLAY UNIT	VDU	
VISUAL FLIGHT RULES	VER	
VISUAL METEOROLOGICAL CONDITIONS	VMC	
VLf/OMEGA	VLf/O	V/O
VNAV ALTITUDE (HOLD)	VALT	
VNAV ALTITUDE SELECT	VASEL	
VNAV FLIGHT LEVEL CHANGE	VFLCH	
VNAV PATH	VPTH	
VOLT	V	
VOLT, ALTERNATING CURRENT	VAC	
VOLT, DIRECT CURRENT	VDC	
VOLUME	VOL	
VOR/DME	V/D	VOR-D
VOR/ILS	V/I	VOR-I
VOR/LOC	V/L	VOR-L
VOR + CO-LOCATED TACAN	VORTAC	VOR-T
WAITING	WTG	
WARNING	WARN	WRN, WNG
WARNING DISPLAY	WD	
WARNING ELECTRONICS MODULE	WEM	
WARNING LIGHT PANEL	WLP	
WARNING SYSTEM CONTROL PANEL	WSCP	
WATER	WTR	
WATT	W	
WAVE GUIDE	WG	
WAYPOINT	WPT	
WEATHER	WX	
WEATHER RADAR	WXR	WR
WEIGHT	WT	
WEIGHT, ALTITUDE, TEMPERATURE	WAT	W/A/T
WEIGHT ON WHEELS	WOW	
WEIGHT & BALANCE COMPUTER	WBC	
WEST	W	
WHEEL	WHL	
WHEEL WELL	WW	
WIND DIRECTION	WDIR	WD, W/D
WIND SPEED	WSPD	WS, W/S
WINDOW HEAT COMPUTER	WHC	
WINDSHEAR	WSHEAR	WNDSHR
WINDSHEAR COMPUTER	WSC	
WINDSHEAR DETECTION & GUIDANCE SYSTEM	WDGS	
WINDSHIELD	WSHLD	
WINDSHIELD GUIDANCE SYSTEM	WGS	
WINDSHIELD (WINDOW) HEAT COMPUTER	WHC	

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TABLE 2 - Terms and Abbreviations (Continued)

Term	Preferred	Acceptable
WIND VELOCITY	WV	W/V
WING & TAIL	W-T	
WINGS LEVEL	WL	W-L, W/L
WINGTIP BRAKE	WTB	
YAW DAMPER	YD	Y/D
YEAR	YR	
YELLOW	YEL	YLW
ZERO FUEL WEIGHT	ZFW	
ZONE	ZN	

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TABLE 3 - Abbreviations and Acronyms

Abbreviation/ Acronym	Alternative	Meaning
AAI	A	AMPERE
AAL	aal	AIRPORT ACCEPTANCE INTERVAL
AAS		ABOVE AIRFIELD LEVEL
ABM		AIRPORT ADVISORY SERVICE
ABNRM	ABN	ABEAM
ABS		ABNORMAL
ABV		ABSOLUTE, AUTOMATIC BRAKE SYSTEM
AC		ABOVE
A/C		ALTERNATING CURRENT
ACARS		AIRCRAFT
ACAS		ARINC COMMUNICATION, ADDRESSING & REPORTING SYSTEM
ACCEL	ACCL	AIRBORNE COLLISION AVOIDANCE SYSTEM
ACP		ACCELERATION
ACPT		AUDIO CONTROL PANEL
ACC		ACCEPT
ACCU	ACC	AREA CONTROL CENTER
ACCUR		ACCUMULATOR
ACK		ACCURACY, ACCURATE
ACQ		ACKNOWLEDGE
ACQN		ACQUIRE
ACS		ACQUISITION
ACT	ACTV	ACTIVE CONTROLS SYSTEM
ACTV		ACTIVE
ACU		ACTIVATE
A/D		AVIONIC CONTROL UNIT
ADAU		ANALOG TO DIGITAL
ADC		AUXILIARY DATA ACQUISITION UNIT
ADD		AIR DATA COMPUTER
ADF	ADDR	ACCEPTABLE DEFERRED DEFECT
ADG		ADDRESS
ADI		AUTOMATIC DIRECTION FINDER
ADIRS		AIR DRIVEN GENERATOR
ADIZ		ATTITUDE DIRECTOR INDICATOR
ADJ		AIR DATA & INERTIAL REFERENCE SYSTEM
ADP		AIR DEFENSE IDENTIFICATION ZONE
ADR		ADJUST
ADRS		AIR DRIVEN PUMP
ADS		ADVISORY ROUTE
ADV		ADDRESS
ADVY		AUTOMATIC DEPENDENT SURVEILLANCE
AFC		ADVANCE
AFCAS		ADVISORY
AFCS		AUTOMATIC FREQUENCY CONTROL
AFDS		AUTOMATIC FLIGHT CONTROL & AUGMENTATION SYSTEM
AFGCS		AUTOMATIC FLIGHT CONTROL SYSTEM
AFGS		AUTOPILOT & FLIGHT DIRECTOR SYSTEM
AFIS		AUTOMATIC FLIGHT GUIDANCE & CONTROL SYSTEM
AFM		AUTOMATIC FLIGHT GUIDANCE SYSTEM
AFS		AIRPORT FLIGHT INFORMATION SERVICE
A-G	A/G	AIRCRAFT FLIGHT MANUAL
AGC		AERONAUTICAL FIXED SERVICE, AUTOMATIC FLIGHT SYSTEM
AGL	agl	AIR TO GROUND
AGNIS		AUTOMATIC GAIN CONTROL
AGS		ABOVE GROUND LEVEL
AGSB		AZIMUTH GUIDANCE, NOSE-IN STAND
AH		AUTOMATIC GROUND SPOILER
AHRS		AUTOMATIC GROUND SPEED BRAKES
AI		ALERT HEIGHT, AMPERE HOUR
A-ICE	A-I, A/I	ATTITUDE & HEADING REFERENCE SYSTEM
AICS		ARTIFICIAL INTELLIGENCE
		ANTI-ICE
		AIR INTAKE CONTROL SYSTEM

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
AIDS		AIRCRAFT (OR AIRBORNE) INTEGRATED DATA SYSTEM
AIS		AERONAUTICAL INFORMATION SERVICE
AIL		AILERON
AILS		ADVANCED INTEGRATED LANDING SYSTEM
AIP		AERONAUTICAL PUBLICATION
AIRCOND		AIR CONDITIONING
AIREP		AIR REPORT, AIRBORNE REPORT
A-LAND		AUTOMATIC LANDING, AUTOLAND
ALGS		APPROACH & LANDING GUIDANCE SYSTEM
	AL-HT	ALERT HEIGHT
ALM		ALARM
ALMS		AIRCRAFT LANDING MEASUREMENT SYSTEM
ALN		ALIGN, ALIGNMENT
ALRT		ALERT, ALERTING
ALS		AUTOMATIC LANDING SYSTEM, APPROACH LIGHT SYSTEM
ALSA		AUTOLAND STATUS ANNUNCIATION
ALT		ALTITUDE
ALTM		ALTIMETER
ALTN		ALTERNATE
	ALTS	ALTITUDE SELECT
	ALPHA	ANGLE OF ATTACK
AM		AMPLITUDE MODULATION
AMB		AMBIENT
AMI		ALPHA MARGIN INDICATOR
AMM		AMMETER
AMP		AMPERE HOUR
AMPG		AIR MILES PER GALLON
AMPL	AMP	AMPLIFIER
AMS		AERONAUTICAL MOBILE SERVICE
AMSL	amsl	ABOVE MEAN SEA LEVEL
AMU		AUDIO MANAGEMENT UNIT
AMUX		AVIONICS MULTIPLEX SYSTEM
ANG		ANGULAR
ANLZR		ANALYZER
ANN	ANNUN	ANNUNCIATOR
ANT		ANTENNA
AOA		ANGLE OF ATTACK
AOG		AIRCRAFT ON GROUND
AOM		AIRCRAFT OPERATING MANUAL
AOMIN	AOM	AIRPORT OPERATING MINIMA
AP	A/P	AUTOPILOT
APB		AUXILIARY POWER BREAKER
APC		AREA POSITIVE CONTROL
AP/FD		AUTOPILOT/FLIGHT DIRECTOR
APP		APPROACH CONTROL
APPR	APP, APCH	APPROACH
APPROX		APPROXIMATELY
APR		AUTOMATIC POWER RESERVE
	APR	APPROACH
APRT		AIRPORT
APS		AIRCRAFT PREPARED FOR SERVICE
	APS	ALTITUDE PRESELECT
APU		AUXILIARY POWER UNIT
	ARC	AUTOMATIC RUDDER CONTROL
ARCS		AVIONICS REFRIGERANT COOLING SYSTEM
ARM		ARMED
ARP		AIRPORT REFERENCE POINT
	ARPT	AIRPORT
ARR		ARRIVAL, ARRIVING
ARSR		AIR ROUTE SURVEILLANCE RADAR
ART		ARTIFICIAL
ARTCC		AIR ROUTE TRAFFIC CENTER

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
ARTF	ART	ARTIFICIAL
ARTS		AUTOMATED RADAR TERMINAL (OR TRACKING) SYSTEM
A-RUD	A/RUD	AUTOMATIC RUDDER CONTROL
AS		AIRSPEED
ASA		ALL-SPEED AILERON, AUTOLAND STATUS ANNUNCIATOR
ASAP		AS SOON AS POSSIBLE
ASAS		AUTOMATIC SEPARATION ASSURANCE SYSTEM
ASC		ASCEND
ASD		ALERTING SYSTEM DISPLAY
ASDA		ACCELERATE-STOP DISTANCE AVAILABLE
ASEL		ALTITUDE SELECT
ASI		AIRSPEED INDICATOR
A-SKID	A/SKID	ANTI-SKID
ASHI		AIRFIELD SURFACE MOVEMENT INDICATOR
ASP		ALTIMETER SET PANEL, AUDIO SELECTOR PANEL
ASR		AIR SAFETY REPORT
ASR		AIRPORT SURVEILLANCE RADAR
ASSN		ASSIGN
ASSY		ASSEMBLY
A-STAB	A/STAB	AUTOSTABILIZER
ASTC		AIRPORT SURFACE TRAFFIC CONTROL
ASU		AIR START UNIT
ASYM		ASYMMETRIC
AT	A/T	AUTOTHROTTLE, AIR TERMINAL
ATA		ACTUAL TIME OF ARRIVAL
ATARS		AUTOMATIC TRAFFIC ADVISORY & RESOLUTION SERVICE
ATC		AIR TRAFFIC CONTROL
ATCC		AIR TRAFFIC CONTROL CENTER
ATCRBS		AIR TRAFFIC CONTROL RADAR BEACON SYSTEM
ATD		ACTUAL TIME OF DEPARTURE
ATE		AUTOMATIC TEST EQUIPMENT
A-THR, ATHR	A/THR	AUTOMATIC THRUST
ATIS		AUTOMATIC TERMINAL INFORMATION SERVICE
ATM		AIR TURBINE MOTOR, AIR TRAFFIC MANAGEMENT
ATMO	ATM	ATMOSPHERE
ATO		ACTUAL TIME OVER
A-TRIM	A/TRIM	AUTOTRIM
ATS		AIR TRAFFIC SERVICES
ATS		AUTOTHROTTLE/AUTOTHURST SYSTEM
ATT		ATTITUDE
ATTCS		AUTOMATIC TAKE-OFF THRUST CONTROL SYSTEM
ATTEN		ATTENUATE, ATTENUATOR
ATTND	ATTD	ATTENDANT
ATTN		ATTENTION
ATZ		AIRPORT TRAFFIC ZONE
AUD		AUDIO
AUG	AUGM	AUGMENT
AUTO		AUTOMATIC
AUW		ALL-UP WEIGHT
AUX		AUXILIARY
AV		AVERAGE
AVAIL	AVBL	AVAILABLE
AVASI		ABBREVIATED VISUAL APPROACH SLOPE INDICATOR
AVC		AUTOMATIC VOLUME CONTROL
AVM		AIRBORNE/AIRCRAFT VIBRATION MONITOR
AVNCS	AVNX	AVIONICS
AWAS		AIRBORNE WIND SHEAR ALERT SENSOR
AWO	AWOP	ALL WEATHER OPERATIONS
AWOS		AUTOMATED WEATHER OBSERVATION SYSTEM
AWS		AUDIBLE WARNING SYSTEM

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
AWY		AIRWAY
AZ	AZM	AZIMUTH
BA		BRAKING ACTION
BARO		BAROMETRIC (SETTING)
BAT	BATT	BATTERY
BBM	BB, B/BM	BACK BEAM
B-C	B/C	BOTTOM OF CLIMB
	BC	BACK COURSE
BCDS		BITE CENTRALIZED DATA SYSTEM
BCL		BATTERY CHARGE LIMITER
BCN		BEACON
BCOB		BROKEN CLOUD OR BETTER
BCRS	B/CRS	BACK COURSE
BCST		BROADCAST
B-D	B/D	BOTTOM OF DESCENT
BDI		BEARING & DEVIATION INDICATOR
	BDRY, BDY	BOUNDARY
BELT		(FASTEN) SEAT BELT
BEV		BEVERAGE
BFO		BEAT FREQUENCY OSCILLATOR
BITE		BUILT IN TEST EQUIPMENT
	BK	BRAKE
	BL, B/LOC	BACK LOCALIZER
BLC		BOUNDARY LAYER CONTROL
BLKD		BULKHEAD
BLOC		BACK LOCALIZER
BLW		BELOW
BMC		BLEED AIR MONITORING COMPUTER
BNDRY		BOUNDARY
	BOC	BOTTOM OF CLIMB
	BOD	BOTTOM OF DESCENT
BOH		BREAK-OFF HEIGHT
BPC		BAROMETRIC PRESSURE CONTROL
BRDG	BRD	BOARDING
BRG		BEARING
BRK		BRAKE
BRT		BRIGHT, BRIGHTNESS
BSCU		BRAKE STEERING/SYSTEM CONTROL UNIT
BTB		BUS TIE BREAKER
BTC		BUS TRANSFER CONTACTOR
BTL		BOTTLE
BTR		BUS TIE RELAY
BTWN		BETWEEN
BV		BLEED VALVE
C		CELSIUS, CENTIGRADE, COLD
	C	CENTER
C-A	C/A	CABIN ATTENDANT
CAB		CABIN
CAC		CAUTION ADVISORY COMPUTER
CADC		CENTRAL AIR DATA COMPUTER
CAL		CALIBRATION
CALSEL		CALL SELECT/SELECTIVE
CANC		CANCEL
CAP		CAPTURE
CAPT		CAPTAIN
CARB		CARBURETTOR
CAS		CALIBRATED AIRSPEED, COLLISION AVOIDANCE SYSTEM
CAS		CREW ALERTING SYSTEM
CAT		CATEGORY, CLEAR AIR TURBULENCE
CATMAC		COOPERATIVE AIR TRAFFIC MANAGEMENT CONCEPT

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
CAU		COLD AIR UNIT
CAUT		CAUTION
CAVOK		CEILING & VISIBILITY OK
CAVU		CEILING & VISIBILITY UNRESTRICTED
CAWS		CAUTION AND WARNING SYSTEM
CB	C-B, C/B	CIRCUIT BREAKER
CBMS		CIRCUIT BREAKER MONITORING SYSTEM
CC	Cc	CREW COST
CCQ		CROSS CREW QUALIFICATION
CCS		CABIN COMMUNICATION SYSTEM
CCT		CIRCUIT
CCW		COUNTERCLOCKWISE
CDI		COURSE & DEVIATION INDICATOR
CDU	CDR	COMMANDER
CEP		CONTROL & DISPLAY UNIT
CFDS		CIRCULAR ERROR OF PROBABILITY
CG	CofG	CENTRALIZED FAULT (DATA) DISPLAY SYSTEM
CGI		CENTER OF GRAVITY
CHAN	CH	COMPUTER GENERATED IMAGERY
CHAR		CHANNEL
CHG		CHARACTER
CHK		CHANGE
CHKD		CHECK
CHKV		CHECKED
CHRG		CHECK VALVE
CHRO	CHR	CHARGE
CI		CHRONOMETER
CIDS		COST INDEX
CIRC		CABIN INTERCOMM DATA SYSTEM
		CIRCULATE, CIRCULATION
	CK	CHECK
	CKD	CHECKED
	CK-L, CK/L	CHECK LIST
CKPT		COCKPIT
C/L	CL	CENTER LINE, CHECK LIST
C-L		CHECK LIST
CLB		CLIMB
CLD		CLOUD
CLG	CLNG	CEILING
CLK		CLOCK
CLNC		CLEARANCE
CLR		CLEAR
CLRD		CLEARED
CLS		CLOSED
CLSD		CLOSED
CM		CREW MEMBER
CMD		COMMAND
CMDR		COMMANDER
CMPL		COMPLETE, COMPLETED, COMPLETION
CMPR		COMPARE
CMPT	CPTR	COMPARATOR
	CMPT	COMPARTMENT
CMPT		COMPUTE
CMPT		COMPUTER
CMS		CENTRAL MAINTENANCE SYSTEM
CNCL		CANCEL
CNFM		CONFIRM
CNSTR		CONSTRAINT
CNTOR		CONTACTOR
CO		COMPANY
COLL		COLLISION
COM	COMM	COMMUNICATION

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
COMP	COMPR	COMPASS
		COMPRESSOR
COMPT	CONF	COMPARTMENT
COND		CONDITION, AIR CONDITIONING
CONFIG		CONFIGURATION
CONT		CONTINUE, CONTINUED, CONTINUOUS
CONV		CONVERTER
COOL		COOLER, COOLING
CORR		CORRECT, CORRECTED, CORRECTION
CO.RTE		COMPANY ROUTE
COWL		COWLING
CP		CONTROL PANEL
C-P	C/P	COPILOT
CPCU		CABIN PRESSURE CONTROL UNIT
CPL		COUPLE
CPLR		COUPLER
CPRSR		COMPRESSOR
CPS		CENTRAL PROCESSING SYSTEM
CPTY		CAPACITY
		CRUISE
CRC		CONTINUOUS REPETITIVE CHIME
CRC		CYCLIC REDUNDANCY CHECK
CRCL	CRG	CIRCLE
CRGO		CARGO
CRS		COURSE
CRT		CATHODE RAY TUBE
CRZ		CRUISE
C-S		CALL SIGN
CSCU		CARGO SMOKE CONTROL UNIT
CSD		CONSTANT SPEED DRIVE
CSEU		CONTROL SYSTEM ELECTRONIC UNIT
CSI		COMBINED SPEED INDICATOR
CSTR	CTL	CONSTRAINT
CTA		CONTROL AREA
CTLR		CONTROLLER
CTR		CENTER
CTRL		CONTROL
CU		CONTROL UNIT
CVFR		CONTROLLED VISUAL FLIGHT RULES
CVR		COCKPIT VOICE RECORDER
CW		CARRIER WAVE, CLOCKWISE, CONTINUOUS WAVE
CWS		CONTROL WHEEL STEERING
CWY	DAMP	CLEARWAY
CYL		CYLINDER
CZ		CONTROL ZONE, CAUTION ZONE
D		DRIFT
-D-		DIRECT TO
DA		DECISION ALTITUDE, DRIFT ANGLE
D/A		DIGITAL TO ANALOG
DAA		DIGITAL ANALOG ADAPTER
DAC		DIGITAL TO ANALOG CONVERTER
DADS		DIGITAL AIR DATA SYSTEM
DAIS		DIGITAL AVIONICS INFORMATION SYSTEM
DAR	DB	DAMPER
DAT		DIGITAL AIDS RECORDER
DATAAC		DATE
DAU		DIGITAL AUTONOMOUS TERMINAL ACCESS COMMUNICATION
db		DATA ACQUISITION UNIT
DC		DECIBEL
DCDR		DIRECT CURRENT, DISPLAY CONTROL
		DECODER

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
DCP		DISPLAY CONTROL PANEL
DD	DDWN, D/D	DRIFT DOWN
DDG		DISPATCH DEVIATION GUIDE
DDM		DIFFERENCE IN DEPTH OF MODULATION, DISPATCH DEVIATION MANUAL
DDRMI		DIGITAL DISTANCE & RADIO & MAGNETIC INDICATOR
	DEC	DECREASE
DEC		DECLINATION
DECEL		DECELERATION
DECR		DECREASE
DEDP		DATA ENTRY & DISPLAY PANEL
DEF		DEFINITION
DEFL		DEFLECTION
DEG	deg	DEGREE
DEL		DELETE
DEMUX		DEMULTIPLEXER
DEP		DEPART, DEPARTURE
DEP		DESIGN EYE (POSITION) POINT
DES	DESC	DESCEND, DESCENT
DEST		DESTINATION
DET		DETECT, DETECTED, DETECTOR, DETECTION
DEV	DEVN	DEVIATION
DF	D/F	DIRECTION FINDER
DFA		DELAYED FLAP APPROACH
DFDAU		DIGITAL FLIGHT DATA ACQUISITION UNIT
DFDR		DIGITAL FLIGHT DATA RECORDER
DFT		DRIFT
DFTI		DISTANCE FROM TOUCHDOWN INDICATOR
DG		DIRECTIONAL GYRO
DH		DECISION HEIGHT
D-ICE	D-I, D/I	DE-ICE
DIFF		DIFFERENTIAL
DIL		DILUTER, DILUTION
DILS		DOPPLER INERTIAL & LORAN SYSTEM
DIR		DIRECT, DIRECTION, DIRECT TO
DIS	DISENG DIS	DISENGAGE, DISENGAGED
		DISTANCE
DISC		DISCONNECT
DISCH		DISCHARGE
DISRMD		DISARMED
DIST		DISTANCE
DITS		DIGITAL INFORMATION TRANSFER SYSTEM
DIV		DIVERT, DIVISION
DLA	DL	DELAY
DLC		DIRECT LIFT CONTROL
DLK	DL, D/L, DLINK	DATA LINK
DLU		DATABASE LOADER UNIT
DME		DISTANCE MEASURING EQUIPMENT
DME/P		PRECISION DME
DMP		DATA MANAGEMENT PANEL
DMPR		DAMPER
DMU		DATA MANAGEMENT UNIT
DN		DOWN
DNGR		DANGER, DANGEROUS
DNLK	DN/LK	DOWN LINK
DOC		DIRECT OPERATING COST
DOPP		DOPPLER
DOW		DRY OPERATING WEIGHT
DP		DISPLAY PROCESSOR, DIMMING PANEL
dP	(delta)P	DIFFERENTIAL PRESSURE
	DPLR	DOPPLER
D-PR	D-PRESS	DEPRESSURIZE, DEPRESSURIZATION

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
DR		DEAD RECKONING
DRV	D-RMD	DISARMED
DSB		DRIVE
DSIG		DOUBLE SIDE BAND
DSPL		DESIGNATOR
		DISPLAY
	DSRTK	DESIRED TRACK
	DTECT	DETECT, DETECTED, DETECTOR, DETECTION
DTG		DISTANCE TO GO
DTK	DTRK	DESIRED TRACK
DU		DISPLAY UNIT
DUMP		DUMPER
DV		DIRECT VISION (WINDOW)
DVOR		DOPPLER VHF OMNIRANGE
DVRSN		DIVERSION
E		EAST
EADI		ELECTRONIC ATTITUDE DIRECTOR INDICATOR
EAS		EQUIVALENT AIRSPEED
EAT		ESTIMATED/EXPECTED APPROACH TIME
EBS		ENGINE BLEED SYSTEM
ECAM		ELECTRONIC CENTRALIZED AIRCRAFT MONITOR
ECM		ENGINE CONDITION MONITORING
ECON		ECONOMIC, ECONOMY
ECP		ECAM CONTROL PANEL
ECS		ENVIRONMENTAL CONTROL SYSTEM
ED	EDA	EMERGENCY DISTANCE (AVAILABLE)
E-D	E/D	END OF DESCENT
EDP		ENGINE DRIVEN PUMP
EDP		ELECTRONIC DATA PROCESSING
EECS		ELECTRONIC FUEL CONTROL SYSTEM
EFDARS		EXPANDABLE FLIGHT DATA ACQUISITION & RECORDING SYSTEM
EFF		EFFECTIVE
EFIS		ELECTRONIC FLIGHT INSTRUMENT SYSTEM
EFOB		ESTIMATED FUEL ON BOARD
EGT		EXHAUST GAS TEMPERATURE
EGV		ENTRY GUIDE VANES
EHSI		ELECTRONIC HORIZONTAL SITUATION DISPLAY
EHMU		ENGINE HEALTH MONITORING UNIT
EICAS		ENGINE INDICATION & CREW ALERTING SYSTEM
EIS		ELECTRONIC INSTRUMENT SYSTEM
EIU		EFIS/EICAS INTERFACE UNIT
EL		ELEVATOR
		ELEVATION
	ELAPS	ELAPSED TIME
ELB		EMERGENCY LOCATOR BEACON
ELCS	ECS	ELECTRONIC COOLING SYSTEM
ELCU		ELECTRICAL LOAD CONTROL UNIT
ELEC		ELECTRIC, ELECTRICAL, ELECTRICITY, ELECTRONIC
ELEV	ELV	ELEVATION
ELS		ELECTRONIC LIBRARY SYSTEM
ELT		EMERGENCY LOCATOR TRANSMITTER
EM		EMISSION
EMER	EMRG	EMERGENCY
EMFI		ELECTROMECHANICAL FLIGHT INSTRUMENTS
EMI		ELECTROMAGNETIC INTERFERENCE
EMTY		EMPTY
EMUX		ENGINE MULTIPLEXER
ENBL		ENABLE
END		ENDURANCE
ENG		ENGINE
ENG	ENGA	ENGAGE

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
ENGCS	ECS	ENGINE CONTROL SYSTEM
ENGD		ENGAGED
ENR		EN ROUTE
ENT		ENTER
ENTR		ENTRANCE, ENTRY
EO	E-0, E/O	ENGINE OUT
EOBT		ESTIMATED OFF BLOCK TIME
	EOD	END OF DESCENT
EOT		END OF TRANSMISSION, END OF TAPE
EPC		EXTERNAL POWER CONTACTOR
EPR		ENGINE PRESSURE RATIO, ENGINE POWER RATING
EPU		EMERGENCY POWER UNIT
EQPT		EQUIPMENT
EROPS		EXTENDED RANGE OPERATIONS
ERP		EYE REFERENCE POINT/POSITION
ERR		ERROR
	E-RTE	EN ROUTE
ESC		ENGINE SUPERVISORY CONTROL, ESCAPE
ESS		ESSENTIAL
EST		ESTIMATE, ESTIMATED
ET		ELAPSED TIME
ETA		ESTIMATED TIME OF ARRIVAL
ETD		ESTIMATED TIME OF DEPARTURE
ETE		ESTIMATED TIME EN ROUTE
ETO		ESTIMATED TIME OVER
ETOPS		EXTENDED TWIN OPERATIONS
ETP		EQUAL TIME POINT
ETX		END OF TEXT
EVAC		EVACUATION
EVI		ENGINE VIBRATION INDICATOR
EVMU		ENGINE VIBRATION MONITORING UNIT
EXC		EXCITATION
EXCH		EXCHANGE
EXEC		EXECUTE
EXH		EXHAUST
EXP		EXPAND
EXT		EXTERNAL, EXTERIOR
EXTD		EXTEND
EXTING		EXTINGUISH, EXTINGUISHER
EXTN		EXTENSION
EXTR		EXTRACT, EXTRACTION
F		FAHRENHEIT
F-A	F/A	FLIGHT ATTENDANT
FAC		FLIGHT AUGMENTATION COMPUTER
FADEC		FULL AUTHORITY DIGITAL ENGINE CONTROL
FAF		FINAL APPROACH FIX
FAPP	FAP	FINAL APPROACH
FAPT	FAP	FINAL APPROACH POINT
FAIL		FAILED, FAILED
FAS		FLIGHTDECK ALERTING SYSTEM
FAV		FAN AIR VALVE
FC	Fc	FUEL COST
F/C		FLIGHT CREW
FCES		FLIGHT CONTROL ELECTRONIC SYSTEM
FCL		FREON COOLANT LOOP
FCOC		FUEL COOLED OIL COOLER
FCOM		FLIGHT CREW OPERATING MANUAL
FCP		FLIGHT CONTROL PANEL
FCS		FLIGHT CONTROL SYSTEM
FCST		FORECAST
FCTN		FUNCTION

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
FCU		FUEL CONTROL UNIT
FD	F/D, FDIR	FLIGHT DIRECTOR
FDAU		FLIGHT DATA ACQUISITION UNIT
FDEP		FLIGHT DATA ENTRY PANEL
F-DK		FLIGHT DECK
FDSU		FLIGHT DATA STORAGE UNIT
FDR		FLIGHT DATA RECORDER
FDU		FIRE DETECTOR UNIT
F-E	FE, F/E	FLIGHT ENGINEER
FESC		FORWARD ELECTRONIC SERVICE CENTER
FF		FUEL FLOW
FFCC		FORWARD FACING CREW CONCEPT
FGS		FLIGHT GUIDANCE SYSTEM
FIC		FLIGHT INFORMATION CENTER
FICO		FLIGHT INFORMATION & CONTROL OF OPERATIONS
FIDS		FAULT ISOLATION DETECTION (OR DISPLAY) SYSTEM
FIFOR		FLIGHT (WEATHER) FORECAST
FIG		FIGURE
FIL		FILAMENT
FIM		FAULT ISOLATION MANUAL (OR MONITOR)
FIR		FLIGHT INFORMATION REGION
FIRB		FLIGHT INFORMATION REGION BOUNDARY
FIS		FLIGHT INFORMATION SERVICE
FIS		FLIGHT INSTRUMENT (OR INTERPHONE) SYSTEM
FL		FLIGHT LEVEL
FL-CH	FLCH	FLIGHT LEVEL CHANGE
FLEX	FLX	FLEXIBLE
FLIR		FORWARD LOOKING INFRARED RADAR
FLP		FLAP
FLR		FLARE
FLRS		FLAP LOAD RELIEF SYSTEM
FLT		FLIGHT
FLTR		FILTER
FLO		FLOW
FLUOR		FLUORESCENT
FLWG		FOLLOWING
FM		FREQUENCY MODULATION
FM	FMKR	FAN MARKER
FMA		FLIGHT MODE ANNUNCIATOR
FMGS		FLIGHT MANAGEMENT GUIDANCE SYSTEM
FMP		FLIGHT MODE PANEL
FMS		FLIGHT MANAGEMENT SYSTEM
F-O	FO, F/O	FIRST OFFICER
FOB		FUEL ON BOARD
FOD		FOREIGN OBJECT DAMAGE, FUEL OVER DESTINATION
FPA		FLIGHT PATH ANGLE
F-PLN	FPLN	FLIGHT PLAN
FPM	fpm	FEET PER MINUTE
FPPS		FLIGHT PLAN PROCESSING SYSTEM
FPT		FLIGHT PATH TARGET
FPV		FLIGHT PATH VECTOR
FQ		FUEL QUANTITY
FQIS		FUEL QUANTITY INDICATION SYSTEM
FR		FROM
FREQ		FREQUENCY
FRHT		FREIGHT
FRIG		REFRIGERATOR
FRM		FAULT REPORTING MANUAL
FRQ		FREQUENCY
FRT		FRONT
FRZ		FREEZE
F/S		FAST/SLOW

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
FSB		FASTEN SEAT BELTS
FSK		FREQUENCY SHIFT KEYING
FSOV		FUEL SHUT-OFF VALVE
FSU		FUEL SIMULATION UNIT
FT	ft	FEET
FT-L	ft-L	FOOT-LAMBERT
FU		FUEL USED
FUS		FUSELAGE
FWC		FLIGHT WARNING COMPUTER
FWD		FORWARD
G		GRAM
g		GRAVITY, EARTH ACCELERATION
GA	G-A, G/A	GO-AROUND
G-A	G/A	GROUND TO AIR
GAL		GALLON
GCA		GROUND CONTROLLED APPROACH
GCR		GROUND CLUTTER REDUCTION
GCU		GENERATOR CONTROL UNIT
GEN		GENERATOR
GENL	GEN	GENERAL
GLC		GENERATOR LINE CONTACTOR
GLNS		GLOBAL NAVIGATION SYSTEM
GLR		GENERATOR LINE RELAY
GLY		GALLEY
GMAP		GROUND MAP
GMC		GROUND MOVEMENT CONTROL
GMR		GROUND MOVEMENT RADAR
GMT		GREENWICH MEAN TIME
GND		GROUND
GNSS	GLONASS	GLOBAL NAVIGATION SATELLITE SYSTEM
GP	G/P	GLIDE PATH
GPCU		GROUND POWER CONTROL UNIT
GPS		GLOBAL POSITIONING SYSTEM
GPU		GROUND POWER UNIT
GPWS		GROUND PROXIMITY WARNING SYSTEM
GRBL		GARBLE(D)
GREF	GRP	GEOGRAPHICAL REFERENCE POINT
GRN	GRND	GREEN
GRP		GROUND
GRS		GROUND REFERENCE POINT
GS	GRVTY	GROUND ROLL SYSTEM
GSHLD	GSL, G/S	GRAVITY
GSP	GSPD, GS	GLIDE SLOPE
GW	GWT	GLARESHIELD
		GROUND SPEED
		GROSS WEIGHT
H	H	HOT, HOUR
HAS		HEIGHT
HAT		HEADING & ATTITUDE SYSTEM
HCU		HEIGHT ABOVE THRESHOLD
HD		HYDRAULIC CONTROL UNIT
HDD		HEAD
HDG		HEAD DOWN DISPLAY
	HGS/S	HEADING
HDL		HEADING SELECT
HEL		HANDLE
HI		HELICOPTER
HF	H/F	HIGH
HLD		HIGH FREQUENCY
		HOLD, HOLDING

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
HLVL	HI-LVL	HIGH LEVEL
HMU		HYDROMECHANICAL UNIT
HNAV		HORIZONTAL NAVIGATION
HNDL		HANDLE
HOLD		HOLDING (PATTERN)
HP	H-PR	HIGH PRESSURE
hPa	HPA	HECTOPASCAL(S)
HPV		HIGH PRESSURE VALVE
HR	hr	HOURL
HRL		HIGH INTENSITY RUNWAY EDGE LIGHTING
	HRN	HORIZON
HSD		HORIZONTAL SITUATION DISPLAY
HSEL		HEADING SELECT
HSI		HORIZONTAL SITUATION INDICATOR
HSPD	HS	HIGH SPEED
HST		HIGH SPEED TURN-OFF
HT		HEIGHT, HIGH TEMPERATURE
HTR		HEATER
HUD		HEAD UP DISPLAY
HWND	HW	HEADWIND
HYD	HYDR	HYDRAULIC
HZ	Hz	HERTZ
HZN		HORIZON
IACS		INTEGRATED AVIONICS CONTROL SYSTEM
IAF		INITIAL APPROACH FIX
IAS		INDICATED AIRSPEED
IBN	IBCN	IDENTIFICATION BEACON
IC	I-C, I/C	INTERCOM, INTERCOMMUNICATION
ICE		ICING
ID	IDENT	IDENTIFY, IDENTIFIER, IDENTIFICATION
IDG		INTEGRATED DRIVE GENERATOR
IF		INTERMEDIATE FIX
IFE		IN-FLIGHT ENTERTAINMENT
IFR		INSTRUMENT FLIGHT RULES
IFSD		IN-FLIGHT SHUT DOWN
IGN		IGNITION
IGV		INLET/INTAKE GUIDE VANES
ILS		INSTRUMENT LANDING SYSTEM
IM	IMKR	INNER MARKER
IMC		INSTRUMENT METEOROLOGICAL CONDITIONS
IMM	IMMED	IMMEDIATE
IN(S)	in(s)	INCH(ES)
INB	INBD	INBOUND
INBD	INBO	INBOARD
INC	INCL	INCLUDE, INCLUSIVE
INCR	INC	INCREASE, INCREASING
IND		INDICATED, INDICATION, INDICATOR
INDX		INDEX
INFO		INFORMATION
INHIB	INH	INHIBITION
INIT		INITIAL, INITIALIZE, INITIALIZATION
INJ		INJECTION
INOP		INOPERATIVE
INPH		INTERPHONE
INR		INNER
INS		INERTIAL NAVIGATION SYSTEM
INST		INSTRUMENT
INT		INTERNAL
	INT	INTERCOM, INTERCOMMUNICATION
INTCP		INTERCEPT
INTK		INTAKE

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
INTL		INTERNATIONAL
INTLK		INTERLOCK
	INTPH	INTERPHONE
INTRP		INTERRUPT, INTERRUPTED, INTERRUPTION
INTSC	INT	INTERSECTION
INV		INVERTER
I/O		INPUT/OUTPUT
IP		INITIAL POINT
IPR	IP, I-PR	INTERMEDIATE PRESSURE
I-PT	I-P, I/P	INTERCEPT POINT
I-PROF	I-P, I/P	INTERCEPT PROFILE
IRS		INERTIAL REFERENCE SYSTEM
ISA		INTERNATIONAL STANDARD ATMOSPHERE
ISB		INTER-SYSTEM BUS
	I-SCTN	INTERSECTION
ISOL		ISOLATE
ISS		INERTIAL SENSOR SYSTEM
IVR		INSTRUMENTED VISUAL RANGE
JAM		JAMMED, JAMMING
JCT		JUNCTION
KYBD		KEYBOARD
KG	kg	KILOGRAM
KRUG		KRUGER, KRUEGER
KT	kt	KNOT
L		LEFT, LITER/LITRE
LAS		LOAD ALLEVIATION SYSTEM
LAT		LATITUDE, LATERAL
LAV		LAVATORY
LB	lb	POUND
LCD		LIQUID CRYSTAL DISPLAY
LCL		LOCAL
LCN		LOAD CLASSIFICATION NUMBER
LCTN		LOCATION
LCTR		LOCATOR
LD		LOAD
LDA		LOCALIZER DIRECTION AID
LDG		LANDING
LDI		LANDING DIRECTION INDICATOR
	L-DMP	LIFT DUMP
LE	L/E	LEADING EDGE
LED		LIGHT EMITTING DIODE
LEP		LIST OF EFFECTIVE PAGES
LF		LOW FREQUENCY
LG	L-G, L/G	LANDING GEAR
LH		LEFT HAND
LIFTD		LIFT DUMP
LIM		LIMIT
LIN		LINEAR
LINS		LORAN INERTIAL NAVIGATION SYSTEM
LIS		LOCALIZER INERTIAL SMOOTHING
LK		LOCK
LKD		LOCKED
L/L	LL	LATITUDE/LONGITUDE
LLS		LEFT LINE SELECT
LMTR		LIMITER
LNAV	LNV	LATERAL NAVIGATION
	LNG	LONGITUDE
LO		LOW

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
LOC		LOCALIZER
	LOC-IS	LOCALIZER INERTIAL SMOOTHING
L0LVL	L0-LVL	LOW LEVEL
LONG		LONGITUDE
LP, LOPR	LO-PR	LOW PRESSURE
LRC		LONG RANGE CRUISE
LRCU		LANDING ROLL-OUT CONTROL UNIT
LRL		LOW INTENSITY RUNWAY EDGE LIGHTING
LREV	L-REV	LATERAL REVISE/REVISION
LRN	LORAN	LONG RANGE NAVIGATION
LRS		LOAD RELIEF SYSTEM
LRU		LINE REPLACEABLE UNIT
	LS	LOW SPEED
LSA	LS-AIL	LOW SPEED AILERON
LSB		LOWER SIDE BAND
LSK		LINE SELECT KEY
LSPD		LOW SPEED
LSR		LASER, LOAD SHEDDING RELAY
LT(S)		LIGHT(S)
	LT	LEFT
LTCH		LATCH
LVL		LEVEL
LVL/CH	LVL-CHG	LEVEL CHANGE
LVR		LEVER
LW		LANDING WEIGHT
LWD		LEFT WING DOWN
LWR		LOWER
M		MACH, MENU, METRE/METER
	M	MAGNETIC, MANUAL
	m	METER/METRE, MILE
MAA		MAXIMUM AUTHORIZED (IFR) ALTITUDE
MABH		MINIMUM APPROACH BREAK-OFF HEIGHT
MAC		MEAN AERODYNAMIC CHORD
MAG		MAGNETIC
MAINT		MAINTAIN, MAINTENANCE
MALF	MAL	MALFUNCTION
MAN		MANUAL
MANF		MANIFOLD
MAP	MAPT	MISSED APPROACH POINT
MAPROC	MAPRO	MISSED APPROACH PROCEDURE
MASI	M/ASI	MACH/AIRSPEED INDICATOR
MAX		MAXIMUM
	MB, MBCN	MARKER BEACON
MB	Mb	MILLIBAR
MC	Mc	MAINTENANCE COST
MCA		MINIMUM CROSSING ALTITUDE
MCDP		MAINTENANCE CONTROL & DISPLAY PANEL
MCDU		MULTIFUNCTION CONTROL & DISPLAY UNIT
MCL		MASTER CAUTION LIGHT
MCLB	MCL	MAXIMUM CLIMB (THRUST)
MCP		MODE CONTROL PANEL
MCRZ	MCR, MCRT	MAXIMUM CRUISE (THRUST)
MCT		MAXIMUM CONTINUOUS (THRUST)
MCU		MODULAR CONCEPT UNIT
MDA		MINIMUM DESCENT (OR DECISION) ALTITUDE
MEA		MINIMUM EN-ROUTE ALTITUDE
MECH		MECHANIC, MECHANICAL
MED		MEDIUM
MEL		MINIMUM EQUIPMENT LIST
MEM		MEMORY
MEMO		MEMORANDUM

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TABLE 3 - Abbreviations and Acronyms (Continued)

Abbreviation/ Acronym	Alternative	Meaning
MESC		MID ELECTRICAL SERVICE CENTER
MET		METEOROLOGICAL, METEOROLOGY
MF		MEDIUM FREQUENCY
	MF, MFX	METERING FIX
MFA		MEMORIZED FAULT ANNUNCIATOR
MFD		MULTIFUNCTION DISPLAY
MGMT		MANAGEMENT
MHRS		MAGNETIC HEADING REFERENCE SYSTEM
MI		MAGNETIC INDICATOR
MI	mi	MILE
MIC		MICROPHONE
MID		MIDDLE, MIDSHIP
MIN		MINIMUM
MIN	min, MN	MINUTE
MINZFW		MINIMUM ZERO FUEL WEIGHT
MISC		MISCELLANEOUS
MK		MARK
MKR		MARKER (BEACON)
MLG		MAIN LANDING GEAR
MLS		MICROWAVE LANDING SYSTEM
MLW		MAXIMUM LANDING WEIGHT
MM	MMKR	MIDDLE MARKER
MM		MAINTENANCE MANUAL
MMEL		MASTER MINIMUM EQUIPMENT LIST
	MNTG	MOUNTING
MOCA		MINIMUM OBSTACLE (OR OBSTRUCTION) CLEARANCE ALTITUDE
MOD		MODIFY, MODIFICATION, MODERATE
MON		MONITOR, MONITORING, MONITORED
MOR		MANDATORY OCCURRENCE REPORT
MOT		MOTOR
MPH	mph	MILES PER HOUR
MRA		MINIMUM RECEPTION ALTITUDE
MRL		MEDIUM INTENSITY RUNWAY EDGE LIGHTING
MRL		MINIMUM REQUIREMENT LIST
MSA		MINIMUM SAFE/SECTOR ALTITUDE
MSD		MISSED
MSF		MINIMUM SECTOR FUEL
MSG		MESSAGE
MSL		MEAN SEA LEVEL
MSP		MODE SELECT PANEL
MRW		MAXIMUM RAMP WEIGHT
MSR		MAXIMUM SPECIFIC RANGE
MSTR		MASTER
MTBF		MEAN TIME BETWEEN FAILURES
MTF		METERING FIX
MTG		MOUNTING
MTD		MAXIMUM TAKE-OFF (THRUST)
MTQGW		MAXIMUM TAKE-OFF GROSS WEIGHT
MTOW		MAXIMUM TAKE-OFF WEIGHT
MTP		MAINTENANCE TEST PANEL
MTR		METRE/METER
MTXW	MTGW	MAXIMUM TAXI (GROSS) WEIGHT
MTW		MAXIMUM (DESIGN) TAXI WEIGHT
MUX		MULTIPLEX
MWL	MWARN	MASTER WARNING LIGHT
MWS		MASTER WARNING SYSTEM
MZFW		MAXIMUM ZERO FUEL WEIGHT
N		NORTH
N1,N2,N3		LP, IP, HP ROTOR SPEED
NA	N-A, N/A	NOISE ABATE/ABATEMENT, NOT APPLICABLE
NAC		NACELLE