SAE The Engineering Society For Advancing Mobility Land Sea Air and Space®

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AEROSPACE RECOMMENDED PRACTICE

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NOMENCLATURE AND ABBREVIATIONS FOR USE ON THE FLIGHT DECK

1. SCOPE:

This document is intended to establish preferred abbreviations for use on panels, controls, instruments, displays, placards and markings.

The recommendations apply to terms used in the flight deck of transport aircraft. The abbreviations, symbols and codes do not supersede those used in airworthiness regulations or aeronautical charts and documents. Where conflict is possible, the operational context must be such as to resolve any ambiguity. If doubt exists, an alternative abbreviation or less truncated abbreviation should be used.

2. GENERAL:

2.1 Clarity: When 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.

2.2 Word Combinations: Combinations should be abbreviated by using the individual abbreviations separated by a space, e.g., PRESSURE REGULATOR = PRESS REG, or P-REG.

2.3 Electronic Displays: Very concise abbreviations applicable to electronic displays are included but should only be used where space is exceptionally limited and where the operational context is obvious.

2.4 Abbreviated Length: Wherever possible, preferred abbreviations of three or four letters are given.

2.5 Punctuation Marks:

(a) Full stops (periods) are not normally used.

(b) Hyphens are used to separate abbreviations where a gap improves understanding, e.g., A-SKID rather than ASKID, F-PLN rather than FPLN.

(c) Obliques (slashes) are normally used only where the term indicates dual or alternate functions, e.g., AP/FD = AUTOPILOT and/or FLIGHT DIRECTOR. They may also be applied to terms in common usage, e.g., U/S = unserviceable.

2.6 Letters: Upper case letters are used except where lower case letters are standard practice, e.g., Hg = MERCURY, g = ACCELERATION.

2.7 Codes: With the exception of some abbreviations, those associated with meteorology, Q-code, airways/facilities charting and ATC/ATIS have not been included unless commonly used on the flight deck.

2.8 Technical Abbreviations or Acronyms: Technical terms also are not included unless normally used by crews on the flight deck, e.g., ROM = READ ONLY MEMORY, ATLAS = ABBREVIATED TEST LANGUAGE FOR ALL SYSTEMS.

2.9 Equipment Abbreviations: Abbreviations for flight deck equipment have not all been included. Word combinations can be assembled after an asterisked abbreviation by adding initial letters of the following:

C	=	COMPUTER
CP	=	CONTROL PANEL
D	=	DISPLAY
I	=	INDICATOR
M	=	MODE/MANAGEMENT
P	=	PANEL
R	=	RECORDER
S	=	SYSTEM
SG	=	SYMBOL GENERATOR
U	=	UNIT

e.g., FM* = FLIGHT MANAGEMENT
FMCS = FLIGHT MANAGEMENT COMPUTER SYSTEM

2.10 Display Symbols and Annunciator Legends: The following single letter color abbreviations should be used in technical documents:

AMBER	=	A	ORANGE	=	O
BLUE	=	B	RED	=	R
CYAN	=	C	WHITE	=	W
GREEN	=	G	YELLOW	=	Y
MAGENTA	=	M			

2.11 ICAO Terminology: ICAO abbreviations are identified by the symbol @ preceding the abbreviation.

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
ABBREVIATION	ABBR	
ABEAM	ABM	
ABNORMAL	ABNORM	ABN
ABOVE	ABV	
ABOVE AIRFIELD ELEVATION	AAE	
ABOVE AIRFIELD LEVEL, ABOVE FIELD LEVEL	AAL, AFL	
ABOVE GROUND LEVEL	AGL	
ABOVE MEAN SEA LEVEL	AMSL	
ABSOLUTE	ABS	
ACCELERATION	ACCEL	ACCL
ACCEPT, -ED	ACPT	
ACCUMULATOR	ACCU	ACC, ACCUM
ACKNOWLEDGE	ACK	
ACQUIRE	ACQ	
ACTIVATE	ACTV	
ACTIVE	ACT	
ACTUAL GROSS WEIGHT	AGW	
ACTUAL TIME OF ARRIVAL	ATA	
ACTUAL TIME OF DEPARTURE	ATD	
ACTUAL TIME OVER	ATO	
ADDRESS	ADRS	
ADJUST	ADJ	
ADVANCE	ADV	
ADVISORY	ADVY	
ADVISORY ROUTE	@ADR	
AERONAUTICAL INFORMATION SERVICE, PUBLICATION	@AIS, @AIP	
AERONAUTICAL MOBILE SERVICE, FIXED SERVICE	@AMS, @AFS	
AILERON	AIL	
AIR CONDITIONING	AIRCOND	A/C, COND
AIRCRAFT	@ACFT	A/C
AIRCRAFT INTEGRATED DATA (Equipment)	AID*	
AIRCRAFT NOSE DOWN	ND	AND
AIRCRAFT NOSE UP	NU	ANU
AIRCRAFT OPERATING MANUAL	AOM	
AIR CYCLE MACHINE	ACM	
AIR DATA (Equipment)	AD*	
AIR DRIVEN GENERATOR	ADG	
AIR DRIVEN PUMP	ADP	
AIRPORT, AERODROME	ARPT	APRT, @AD
(AIRPORT) AERODROME BEACON	@ABN	
AIRPORT (AERODROME) OPERATING MINIMA	AOMIN	AOM
AIRPORT (AERODROME) REFERENCE POINT	ARP	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
(AIRPORT) AERODROME TRAFFIC ZONE	@ATZ	
AIR REPORT, AIRBORNE REPORT	@AIREP	
AIRSPEED	AS	
AIRSPEED INDICATOR	ASI	
AIR TO GROUND	@A-G	A/G
AIR TURBINE MOTOR	ATM	
AIR ROUTE TRAFFIC CONTROL (CENTER)	ARTC(C)	
AIR TRAFFIC CONTROL	@ATC	
AIR TRAFFIC SERVICES	@ATS	
AIRWAY	@AWY	
ALARM	ALM	
ALERT, ALERTING	ALRT	
ALERTING SYSTEM DISPLAY, ALERTING DISPLAY	ASD	AD
ALPHABET, -IC	ALPHA	
ALIGNMENT	ALN	ALIGN
ALTERNATE	ALTN	
ALTERNATING CURRENT	AC	
ALTIMETER	ALTM	ALTI
ALTITUDE	@ALT	
ALL SPEED AILERON	ASA	
ALL UP WEIGHT	@AUW	
AMBIENT	AMB	
AMMETER	AMM	
AMPERE	AMP	A
AMPERE HOUR	AH	
AMPLIFIER	AMPL	AMPLI
AMPLITUDE MODULATION	AM	
ANALOG TO DIGITAL	A/D	
ANALYZER	ANAL	
ANGLE OF ATTACK	AOA	ALPHA
ANGULAR	ANG	
ANNUNCIATOR	ANN	ANNUN
ANTENNA	ANT	
ANTI ICE	A-ICE	A/I, ANTICE, A-I
ANTI SKID	A-SKID	A/S, A/SKID
APPROACH	APPR	APP, APCH
APPROACH CONTROL	@APP	
AREA CONTROL CENTER	@ACC	
AREA POSITIVE CONTROL	APC	
AREA NAVIGATION	RNAV	
ARINC COMMUNICATIONS, ADDRESSING AND REPORTING SYSTEM	ACARS	
ARRIVAL, -ING	ARR	
ARTIFICIAL	ARTF	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
AS SOON AS POSSIBLE	ASAP	
ASSEMBLY	ASSY	
ASSIGN	ASSN	
ASYMMETRIC	ASYM	
ATTENDANT	ATTND	ATTD
ATTENTION	ATTN	
ATTITUDE	ATT	
ATTITUDE DIRECTOR INDICATOR	ADI	
ATTITUDE AND HEADING REFERENCE (Equipment)	AHR*	
AUDIO	AUD	
AUDIO SELECTOR PANEL	ASP	
AUGMENT, -ER, -ATION	AUG	
AUTOMATIC	AUTO	A
AUTOMATIC BRAKE (Equipment)	AB*	
AUTOMATIC DIRECTION FINDER	@ADF	
AUTOMATIC FLIGHT CONTROL (Equipment)	AFC*	FC*
AUTOMATIC FLIGHT GUIDANCE (Equipment)	AFG*	FG*
AUTOMATIC FLIGHT (Equipment)	AF*	
AUTOMATIC FREQUENCY CONTROL	@AFC	
AUTOMATIC GAIN CONTROL	AGC	
AUTOMATIC LANDING	A-LAND	A/L, A-L
AUTOMATIC LANDING (Equipment)	AL*	
AUTOMATIC RUDDER CONTROL	A-RUD	ARC
AUTOMATIC TEST EQUIPMENT	ATE	
AUTOMATIC THRUST	AT	A-THR
AUTOMATIC POWER RESERVE	APR	
AUTOPILOT	AP	A/P
AUTOPILOT AND FLIGHT DIRECTOR (Equipment)	AFD*	
AUTOPILOT/FLIGHT DIRECTOR	AP/FD	
AUTOSTABILIZER	A-STAB	A/STAB
AUTOTHROTTLE	AT	A/T, A-THROT, A/THR
AUTOTHROTTLE (Equipment)	AT*	
AUXILIARY	AUX	
AUXILIARY DATA ACQUISITION UNIT	ADAU	
AUXILIARY POWER UNIT	APU	
AVAILABLE	AVAIL	AVBL
AVERAGE	AV	AVG
AVIATION ROUTINE WEATHER REPORT	@AERO	
AVIONICS	AVNCS	AVNX
AZIMUTH	AZ	AZM
BACK BEAM	BBM	BB, B/B
BACK COURSE	BCRS	BC

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
BACK LOCALIZER	BLOC	
BAROMETRIC SETTING	BARO	
BATTERY	BAT	BATT
BATTERY UNIT	BU	
BEACON	@BCN	
BEARING	@BRG	QDM, QDR
BEARING DEVIATION INDICATOR	BDI	
BEAT FREQUENCY OSCILLATOR	BFO	
BELOW	BLW	
BETWEEN	BTWN	BETW
BEVERAGE	BEV	
BLUE	BLU	
BOTTLE	BTL	
BOTTOM OF CLIMB	BOC	B/C, B-C, B*C
BOTTOM OF DESCENT	BOD	B/D, B-D, B*D
BOUNDARY	BNDRY	@BDRY
BOUNDARY LAYER CONTROL	BLC	
BRAKE	BRK	
BRAKING ACTION	@BA	
BREAK-OFF HEIGHT	@BOH	
BRIGHT, -NESS	BRT	
BROADCAST	@BCST	
BUILT IN TEST EQUIPMENT	BITE	
BUS TIE BREAKER	BTB	
BUS TIE RELAY	BTR	
BUS TRANSFER CONTACTOR	BTC	
CABIN	CAB	
CALIBRATION	CAL	
CALIBRATED AIR SPEED	CAS	
CALL SIGN	C-S	C/S
CANCEL	CNCL	CANC
CAPACITY	CPTY	
CAPTAIN	CAPT	P1, CM1
CAPTURE	CAP	
CARBURETOR	CARB	
CARD READER (Equipment)	CR*	
CARGO	CRG	CRGO
CARRIER WAVE	CW	
CATEGORY	CAT	
CATHODE RAY TUBE	@CRT	
CAUTION, -ARY	CAUT	
CAUTION AND WARNING (Equipment)	CAW*	
CEILING	CLNG	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
CEILING AND VIS UNRESTRICTED/OK	CAVU/CAVOK	
CENTIGRADE	@C	
CENTIMETER	CM	
CENTER	CTR	CNTR
CENTER OF GRAVITY	CG	
CENTER LINE	C/L	CL
CENTRAL AIR DATA (Equipment)	CAD*	
CENTRAL PROCESSOR (Equipment)	CP*	
CHANGE	CHG	
CHANNEL	CHAN	
CHARGE, CHARGER	CHRG	CH
CHECK	CK	CHK
CHECKED	CKD	CHKD
CHECK LIST	C-L	C/L
CHECK VALVE	CHKV	NRV
CHRONOMETER	CHR	
CIRCLE	CRCL	
CIRCUIT	CCT	CKT
CIRCUIT BREAKER	CB	C/B
CIRCUIT BREAKER MONITORING (Equipment)	CBM*	
CIRCULATE, CIRCULATION	CIRC	
CLEAR	CLR	
CLEAR AIR TURBULENCE	@CAT	
CLEARANCE	CLNC	
CLEARED	CLRD	
CLEARWAY	@CWY	
CLIMB	CLB	
CLIMB SPEED - MIN INITIAL	V3	
CLIMB SPEED - INITIAL	V4	
CLOCK	CLK	
CLOCKWISE	CW	
CLOSE, CLOSED	CLS, CLSD	SHUT
CLOUD	CLD	
COCKPIT	CKPT	F-D, F-DK
COCKPIT VOICE RECORDER	CVR	
COLD	C	
COLD AIR UNIT	CAU	
COLLISION	COLL	
COLLISION AVOIDANCE (Equipment)	CA*	
COMBINED SPEED INDICATOR	CSI	
COMMAND	CMD	
COMMANDER	CMDR	CDR
COMMUNICATION	@COM	COMM
COMPANY	CO	
COMPARATOR	CMPRTR	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
COMPARTMENT	COMPT	
COMPASS	COMP	
COMPLETE, -ED, -ETION	CMPL	
COMPRESSOR	CPRSR	COMPR
COMPUTE	CMPT	
COMPUTER	CMPTR	
CONDITION	COND	
CONFIGURATION	CONFIG	
CONSTRAINT	CSTR	CONSTR
CONSTANT SPEED DRIVE	CSD	
CONTACTOR	CNTOR	
CONTINUE, -ED, -OUS	CONT	CON
CONTINUOUS REPETITIVE CHIME	CRC	
CONTINUOUS WAVE	@CW	
CONTROL	CTL	
CONTROL AREA	@CTA	
CONTROL DISPLAY	CD	
CONTROL (AND) DISPLAY (EQUIPMENT)	CD*	
CONTROL SYSTEM ELECTRONIC (EQUIPMENT)	CSE*	
CONTROL UNIT	CU	
CONTROL WHEEL STEERING	CWS	
CONTROL ZONE	CZ	@CTR
COOLER, -ING	COOL	
COPILOT	CP	C/P, FO, F/O, F-O, CM2, P2
CORRECT, -ED, -ECTION	CORR	
COST INDEX	CI	
COUNTER CLOCKWISE	CCW	
COUPLE	CPL	
COUPLER	CPLR	
COURSE	CRS	CS
COURSE DEVIATION INDICATOR	CDI	
COWLING	COWL	
CREW MEMBER	CM	
CRITICAL-ENGINE-FAIL SPEED	V1	
CRITICAL POINT	CP	
CROSS-CREW QUALIFICATION	CCQ	
CROSS BAR	XBAR	
CROSS FEED	XFD	XFEED
CROSS LINE	XLN	XLINE
CROSS TRACK (DISTANCE) DEVIATION	XTK	
CROSS TRACK ERROR	XTKE	XTE
CROSS VALVE	XVLV	
CROSS WIND	XWND	
CRUISE	CRZ	CR

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
CRUISING SPEED - DESIGN	VC	
CYLINDER	CYL	
DAMPER	DMPR	DAMP
DANGER, -OUS	DNGR	
DANGER AREA	DA	
DATA ENTRY AND DISPLAY PANEL	DEDP	
DATA LINK	DL	D/L
DATA MANAGEMENT (Equipment)	DM*	
DATE	DAT	
DEAD RECKONING	DR	
DECELERATE, -ION	DECEL	
DECIBEL	DB	
DECISION ALTITUDE	DA	
DECISION HEIGHT	DH	
DECISION SPEED	V1	
DECK	DK	
DECLINATION	DEC	
DECREASE	DECR	
DEFINITION	DEF	
DEFLECTION	DEFL	
DEGREE	DEG	
DE-ICE	D-ICE	D-I
DELAY	DLA	DLY
DELAY MESSAGE	@DEL	
DELAYED FLAP APPROACH	DFA	
DELETE	DEL	
DEPARTURE	DEP	
DEPARTURE MESSAGE	@DEP	
DEPRESSURIZE, -ATION	D-PR	D-PRESS
DESCEND, DESCENT	DES	DESC
DESIGN EYE POSITION	DEP	
DESIGNATOR	DSIG	
DESIRED TRACK	DTK	DSRTK
DESTINATION	DEST	
DETECTED, -TOR, -TION	DET	DTECT
DEVIATION	@DEV	
DIFFERENCE, -TIAL	DIFF	
DIFFERENTIAL PRESSURE	dP	P
DIGITAL AIDS RECORDER	DAR	
DIGITAL AIR DATA (Equipment)	DAD*	
DIGITAL DISTANCE AND RADIO MAGNETIC INDICATOR	DDRMI	
DIGITAL FLIGHT DATA ACQUISITION UNIT	DFDAU	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
DIGITAL FLIGHT DATA RECORDER	DFDR	
DIGITAL TO ANALOGUE	D/A	
DILUTER, -ION	DIL	
DIRECT, -ION, DIRECT TO	DIR	
DIRECT CURRENT	DC	
DIRECTIONAL GYRO	DG	
DIRECTION FINDER	DF	
DIRECT LIFT CONTROL	DLC	
DIRECT OPERATING COST	DOC	
DISARMED	DISRMD	D-RMD, DISARM
DISCHARGE	DISCH	
DISCONNECT	DISC	
DISENGAGE(D)	DISENG	DIS
DISPLAY	DSPL	DSPY
DISPLAY UNIT	DU	
DISTANCE	DIST	DIS
DISTANCE MEASURING EQUIPMENT	@DME	D
DISTANCE TO GO	DTG	
DIVERSION	DVRSN	
DIVERT	DVRT	
DOPPLER	DOPP	DPLR
DOUBLE SIDE BAND	DSB	
DOWN	DN	
DRIFT	DFT	D
DRIFT ANGLE	DA	
DRIFT DOWN	DD	D/D
DRIVE	DRV	
DRY OPERATING WEIGHT	DOW	
EARTH ACCELERATION	g	
EAST	E	
ECONOMIC, -MY	ECON	
EFFECTIVE	EFF	
ELAPSED TIME	ET	ELAPS
ELECTRIC, -AL, -ITY	ELEC	
ELECTROMAGNETIC INTERFERENCE	EMI	
ELECTRONIC	ELEX	ELEK
ELECTRONIC ADI	EADI	
ELECTRONIC CENTRALIZED AIRCRAFT MONITOR	ECAM	
ELECTRONIC COOLING SYSTEM	ECS	
ELECTRONIC ENGINE CONTROL (Equipment)	EEC*	
ELECTRONIC FUEL CONTROL (Equipment)	EFC*	
ELECTRONIC FLIGHT INSTRUMENT (Equipment)	EFI*	
ELECTRONIC HSI	EHSI	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
ELEVATION	@ELEV	ELV
ELEVATOR	EL	
EMERGENCY	EMER	EMRG, EMERG
EMERGENCY DISTANCE AVAILABLE	EDA	
EMERGENCY LOCATOR TRANSMITTER	ELT	
EMERGENCY POWER UNIT	EPU	
EMPTY	EMTY	
ENABLE	ENBL	
ENDURANCE	END	
END OF DESCENT	EOD	E/D, E-D, E*D
ENGAGE	ENGA	
ENGAGED	ENGD	
ENGINE	ENG	
ENGINE BLEED (Equipment)	EB*	
ENGINE CONTROL (Equipment)	EC*	
ENGINE CONDITION MONITORING	ECM	EMUX
ENGINE DRIVEN PUMP	EDP	
ENGINE INDICATION AND CREW ALERTING SYSTEM	EICAS	
ENGINE OUT	EO	
ENGINE PRESSURE RATIO	EPR	
ENGINE ROTOR SPEED	N1, N2, N3	
ENGINE VIBRATION INDICATOR	EVI	
ENROUTE	ENR	E-RTE
ENTER	ENT	
ENTRANCE, ENTRY	ENTR	
ENVIRONMENTAL CONTROL (Equipment)	EC*	
EQUAL TIME POINT	ETP	
EQUIPMENT	EQPT	
EQUIVALENT AIRSPEED	@EAS	
ERROR	ERR	
ESCAPE	ESC	
ESSENTIAL	ESS	S
ESTIMATE, -ED	EST	
ESTIMATED ELAPSED TIME	EET	
ESTIMATED TIME OF ARRIVAL	@ETA	
ESTIMATED TIME OF DEPARTURE	@ETD	
ESTIMATED TIME EN-ROUTE	ETE	
ESTIMATED TIME OVER	ETO	
EVACUATION	EVAC	
EXCHANGE	EXCH	
EXCITATION	EXC	
EXECUTE	EXEC	
EXHAUST	EXH	
EXHAUST GAS TEMPERATURE	EGT	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
EXPAND, -SION	EXP	EXPD
EXPECTED APPROACH TIME	@EAT	
EXPEDITE	XPED	XPDT
EXTEND, -ED	EXTD	
EXTENDED FUNCTION	XFCN	
EXTERNAL, EXTERIOR	EXT	
EXTERNAL POWER CONTACTOR	EPC	
EXTINGUISH, -ER	EXTING	XTING
EXTRA FUNCTION	XFCN	
EXTRACT, -ION	EXTR	EXTC
EYE REFERENCE POSITION	ERP	
FAHRENHEIT	@F	
FAILURE, FAILED	FAIL	
FAN SPEED	N1	
FAST/SLOW	F/S	
FAULT ISOLATION MONITOR/MANUAL	FIM	
FAULT REPORTING MANUAL	FRM	
FEEL SIMULATION UNIT	FSU	
FEET, FOOT	FT	ft
FEET PER MINUTE	FPM	FT/MIN
FIELD ELEVATION PRESSURE	QFE	
FIGURE	FIG	
FILAMENT	FIL	
FILTER	FLTR	
FINAL T-O SAFETY SPEED	VFTO	
FINAL APPROACH FIX	FAF	
FIRST OFFICER	FO	F/O, F-O, CM2, P2
FINAL APPROACH	@FNA	
FLAP	FLP	
FLAP EXTENDED SPEED - MAX	VFE	
FLAP OPERATING SPEED - MAX	VFO	
FLAP RETRACT SPEED - RECOMMENDED	F	
FLARE	FLR	
FLEXIBLE	FLEX	FLX
FLIGHT AUGMENTATION COMPUTER	FAC	
FLIGHT	@FLT	
FLIGHT CONTROL (Equipment)	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	CKPT, F-D

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
FLIGHT DIRECTOR	FD	F/D
FLIGHT ENGINEER	FE	F/E, CM3
FLIGHT GUIDANCE (Equipment)	FG*	
FLIGHT INFORMATION CENTER, REGION	@FIC, @FIR	
FLIGHT INFORMATION REGION BOUNDARY	@FIRB	
FLIGHT INFORMATION SERVICE	@FIS	
FLIGHT LEVEL	FL	
FLIGHT LEVEL CHANGE	FL CH	FL/CH, FL-CH, LVL CHG
FLIGHT MANAGEMENT (Equipment)	FM*	
FLIGHT MODE ANNUNCIATOR	FMA	
FLIGHT NAVIGATION (Equipment)	FN*	
FLIGHT PATH ANGLE	FPA	
FLIGHT PATH TARGET	FPT	
FLIGHT PATH VECTOR	FPV	
FLIGHT PLAN	F-PLN	@PLN
FLIGHT WARNING (Equipment)	FW*	
FLIGHT (WEATHER) FORECAST	@FIFOR	
FLOW	FLO	
FLUORESCENT	FLUOR	
FOOT, FEET	FT	
FORECAST	@FCST	
FOREIGN OBJECT DAMAGE	FOD	
FORWARD	FWD	
FREEZE	FRZ	
FREQUENCY	FREQ	HZ, FRQ
FREQUENCY MODULATION	FM	
FROM	FR	
FRONT	FRT	
FUEL CONTROL UNIT	FCU	
FUEL FLOW	FF	
FUEL ON BOARD	FOB	
FUEL OVER DESTINATION	FOD	
FUEL QUANTITY	FQ	
FUEL USED	FU	
FUNCTION	FCTN	FCN
FUSELAGE	FUS	
GALLEY	GLY	
GALLON	GAL	
GENERAL	GENL	
GENERATOR	GEN	
GENERATOR CONTROL UNIT	GCU	
GENERATOR LINE CONTACTOR	GLC	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
GENERATOR LINE RELAY	GLR	
GEOGRAPHICAL REFERENCE POINT	GRP	
GO AROUND	GA	G/A
GLARESHIELD	GSHLD	
GLIDE SLOPE	G/S	GSL
GLIDE PATH	@GP	
GLOBAL POSITIONING (Equipment)	GP*	
GLOBAL POSITIONING SYSTEM	GPS	
GRAM	G	
GRAVITY	g	GRVTY
GREEN	GRN	G
GREENWICH MEAN TIME	@GMT	Z
GROSS WEIGHT	GW	GWT
GROUND	GND	GRND
GROUND CONTROLLED APPROACH	@GCA	
GROUND MOVEMENT CONTROL	GMC	
GROUND MOVEMENT RADAR	@GMR	
GROUND POWER UNIT	GPU	
GROUND PROXIMITY WARNING (Equipment)	GPW*	
GROUND REFERENCE POINT	GRP	
GROUND ROLL (Equipment)	GR*	
GROUND SPEED	GS	GSPD, GSP
GROUND TO AIR	@G-A	
GUST SPEED - DESIGN MAX	VB	
GYRO	G	
HANDLE	HNDL	
HEAD	HD	
HEADING	HDG	@HEAD
HEADING AND ATTITUDE (Equipment)	HA*	
HEADING SELECT	HDG-S	HDG/S, H/SEL
HEAD UP DISPLAY	HUD	
HEAD WIND	HWND	HW
HEAT	HT	
HEATER	HTR	
HEIGHT	H	HT, @HGT
HELICOPTER	@HEL	
HERTZ	HZ	
HIGH	HI	
HIGH FREQUENCY	@HF	
HIGH LEVEL	HL	
HIGH PRESSURE	HP	
HIGH SPEED	HSPD	HS
HOLD, -ING, HOLDING PATTERN	HLD	HOLD

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
HORIZONTAL NAVIGATION	HNAV	LNAV
HORIZONTAL SITUATION (Equipment)	HS*	
HOT	H	
HOUR	HR	H, hr
HYDRAULIC	HYD	
ICING	ICE	
IDENTIFICATION BEACON	@IBN	
IDENTIFY, -IER, -ICATION	ID	IDENT, IDNT
IGNITION	IGN	
IMMEDIATE	IMM	IMMED
INBOARD	INBD	
INBOUND	INB	INBND
INCH(ES)	IN(S)	
INCLUDE, -SIVE	INC	INCL
INCREASE, -ING	INCR	
INDEX	INDX	
INDICATED AIRSPEED	@IAS	
INDICATOR, -ION, -ED	IND	
INERTIAL	I	
INERTIAL NAVIGATION (Equipment)	IN*	
INERTIAL REFERENCE (Equipment)	IR*	
INERTIAL SENSOR (Equipment)	IS*	
INFORMATION	INFO	
INHIBITION	INHIB	INH
INITIAL, -ATION, -IZATION	INIT	
INITIAL APPROACH	@INA	
INITIAL APPROACH FIX	IAF	
INITIAL POINT	IP	
INJECTION	INJ	
INLET (INTAKE) GUIDE VANES	IGV	
INNER	INR	
INNER MARKER	@IM	
INOPERATIVE	INOP	US
INPUT/OUTPUT	I/O	
INSTRUMENT	INST	
INSTRUMENT FLIGHT RULES	@IFR	
INSTRUMENT LANDING SYSTEM	@ILS	
INSTRUMENT METEROLOGICAL CONDITIONS	@IMC	
INTAKE	INTK	
INTEGRATED DRIVE GENERATOR	IDG	
INTERCEPT	INTCP	
INTERCEPT POINT	I-PT	IP, I/P
INTERCOM, INTERCOMMUNICATION	I/C	IC, INTCOM

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
INTERLOCK	INTLK	
INTERMEDIATE FIX	IF	
INTERMEDIATE PRESSURE	IPR	IP
INTERNATIONAL	INTL	
INTERNATIONAL STANDARD ATMOSPHERE	ISA	
INTERPHONE	INPH	INTPH, INTER, INT
INTERRUPT, -ED, -ION	INTRP	
INTERSECTION	I-SCTN	INTSC
INTER SYSTEM BUS	ISB	
INVERTER	INV	
ISOLATE, -ED, -ION	ISOL	
JAMMED, -ING	JAM	
JET PIPE TEMPERATURE	JPT	
JUNCTION	JCT	
KEYBOARD	KYBD	
KILO-	K	
KRUGER	KRUG	
KNOT(S)	KT(S)	kt(s)
LANDING	LDG	
LANDING DIRECTION INDICATION	@LDI	
LANDING GEAR	LG	L-G, GEAR, L/G
LANDING GEAR EXTENDED SPEED - MAX	VLE	
LANDING GEAR OPERATING SPEED - MAX	VLO	
LANDING REFERENCE SPEED	VREF	VAT
LANDING WEIGHT	LW	
LASER	LSR	
LATERAL, LATITUDE	LAT	
LATERAL NAVIGATION	LNAV	HNAV
LATERAL REVISE	LREV	L-REV
LATCH	LTCH	
LATITUDE	LAT	
LATITUDE/LONGITUDE	L/L	LL, LAT/LONG
LAVATORY	LAV	
LEADING EDGE	LE	
LEAST SIGNIFICANT BIT	LSB	
LEFT	L	
LEFT HAND (SIDE)	LH	
LEFT LINE SELECT (KEY)	LLS	
LEFT WING DOWN	LWD	
LENGTH	L	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
LEVEL	LVL	
LEVEL CHANGE	LVL CHG	LVL/CH, FL CH, FL/CH, FL-CH
LEVER	LVR	
LIGHT, LIGHTS	LT	
LIGHT EMITTING DIODE	LED	
LIMIT	LIM	
LIMITER	LMTR	
LINEAR	LIN	
LINE REPLACEMENT UNIT	LRU	
LINE SELECT KEY	LSK	
LIQUID OXYGEN	LOX	
LITER	L	
LOAD	LD	
LOAD CLASSIFICATION NUMBER	LCN	
LOAD RELIEF SYSTEM	LRS	
LOAD SHEDDING RELAY	LSR	
LOCAL	LCL	
LOCAL MEAN TIME	@LMT	
LOCALIZER	LOC	@LLZ
LOCALIZER INERTIAL SMOOTHING	LIS	LOC-IS
LOCALIZER TYPE DIRECTIONAL AID	LDA	
LOCATION	LCTN	
LOCATOR	LCTR	@L
LOCKED	LKD	@L
LONG RANGE CRUISE	LRC	
LONG RANGE NAVIGATION	LORAN	
LONGITUDE, -INAL	LONG	LNG
LOW	LO	
LOWER	LWR	
LOWER SIDE BAND	@LSB	
LOW FREQUENCY	@LF	
LOW LEVEL	LL	LOLVL, LO-LVL
LOW PRESSURE	LP	LOPR, LO-PR
LOW SPEED	LSPD	LS
LOW SPEED AILERON	LSA	LS-AIL
MACH	M	
MACH/AIRSPEED INDICATOR	M/ASI	MASI
MAGNETIC	MAG	M
MAGNETIC INDICATOR	MI	
MAIN LANDING GEAR	MLG	
MAINTAIN, MAINTENANCE	MAINT	
MAINTENANCE CONTROL AND DISPLAY PANEL	MCDP	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
MAINTENANCE TEST PANEL	MTP	
MALFUNCTION	MALF	MAL
MANDATORY OCCURRENCE REPORT	MOR	
MANIFOLD	MANF	MANIF
MANEUVER SPEED - DESIGN	VA	
MANEUVER SPEED - RECOMMENDED	VMAN	M
MANUAL	MAN	
MARKER	MKR	
MARKER BEACON	MB	@MKR
MASTER	MSTR	
MASTER WARNING	MW	MWARN
MASTER WARNING (Equipment)	MW*	
MAXIMUM	MAX	
MAXIMUM CONTINUOUS THRUST	MCT	
MAXIMUM CRUISE	MCR	
MAXIMUM LANDING WEIGHT	MLW	
MAXIMUM RAMP WEIGHT	MRW	
MAXIMUM OPERATING SPEED - MACH	MMO	
MAXIMUM OPERATING SPEED - AIRSPEED	VMO	
MAXIMUM TAXI WEIGHT	MTXW	
MAXIMUM T-O GROSS WEIGHT	MTOGW	
MAXIMUM T-O WEIGHT	MTOW	
MAXIMUM ZERO FUEL WEIGHT	MZFW	
MEAN AERODYNAMIC CHORD	MAC	
MEAN SEA LEVEL	@MSL	
MEAN TIME BETWEEN FAILURE	MTBF	
MECHANIC, -AL	MECH	
MEDIUM	MED	
MEDIUM FREQUENCY	@MF	
MEGA-	M	
MEMORY/MEMORANDUM	MEM	(M)
MERCURY	Hg	HG
MESSAGE	MSG	
METER	M	
METERING FIX	MF	
METEOROLOGICAL	@MET	
MICROPHONE	MIC	
MICROWAVE LANDING SYSTEM	MLS	
MIDDLE, MIDSHIP	MID	
MIDDLE MARKER	@MM	
MILE	MI	
MILES PER HOUR	MPH	
MILLIBAR(S)	Mb	MB
MINIMUM	MIN	
MINIMUM APPROACH BREAKOFF HEIGHT	MABH	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
MINIMUM CONTROL SPEED	VMC	
MINIMUM DECISION/DESCENT ALTITUDE	MDA	
MINIMUM EN ROUTE ALTITUDE	MEA	
MINIMUM EQUIPMENT LIST	MEL	
MINIMUM OPERATING SPEED	VMIN	
MINIMUM REQUIREMENT LIST	MRL	
MINIMUM SAFE ALTITUDE	MSA	
MINIMUM SECTOR FUEL	MSF	
MINIMUM ZERO FUEL WEIGHT	MZFW	
MINUTE	MN	MIN
MISCELLANEOUS	MISC	
MISSED	MSD	
MISSED APPROACH POINT	@MAP	MAPT
MISSED APPROACH PROCEDURE	MA PROC	
MODERATE	MOD	
MODE CONTROL (Equipment)	MC*	
MODE SELECT PANEL	MSP	
MODIFY, MODIFICATION	MOD	
MODULAR CONCEPT UNIT	MCU	
MONITOR, -ED, -ING	MON	
MOTOR	MOT	MTR
MOUNTING	MTG	MNTG
MULTIFUNCTION DISPLAY	MFD	
MULTIPLEX	MUX	
NACELLE	NAC	
NAUTICAL MILES	@NM	
NAUTICAL MILES PER HOUR (KNOTS)	KTS	
NAVIGATION, NAVIGATOR	@NAV	NV
NAVIGATION AID	NAVAID	
NAVIGATION DISPLAY	ND	
NAVIGATION REFERENCE POINT	NRP	
NEGATIVE	NEG	-VE
NEXT	NXT	
NEXT PAGE	N-P	N/P
NEUTRAL	NEUT	
NOISE ABATE, ABATEMENT	NA	
NON DIRECTIONAL BEACON	@NDB	
NON RETURN VALVE	NRV	CHKV
NORMAL	NORM	
NORTH	N	
NOSE LANDING GEAR	NLG	
NOSEWHEEL	NW	N/W, N-W
NOTICE TO AIRMEN	@NOTAM	
NUMBER	#	NO, NR

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
OBSERVED, -ATION	OBSV	
OBSERVER	OBSR	OBSVR
OBSTACLE, OBSTRUCTION	OBST	
OBSTACLE CLEARANCE LIMIT, SURFACE	@OCL, @OCS	
OFF/RESET	OFF/R	
OFFSET	OFST	OFS
OMEGA	O	
OMEGA NAVIGATION (Equipment)	ON*	
OMNI BEARING SELECTOR	OBS	
ON BOARD BALANCE SYSTEM	OBBS	
ON BOARD WEIGHING SYSTEM	OBWS	
ON BOARD WEIGHT AND BALANCE SYSTEM	OBWBS	
OPEN	O	
OPERATIONAL	OP	
OPERATIVE, -ING	OPER	OK
OPERATIONS	@OPS	
OPERATION, -ING MANUAL	OM	OPS-M, AOM
OPPOSITE	OPP	
OPTIMUM	OPT	
OUTBOARD	OUTBD	
OUTBOUND	OUTB	OBND
OUTER	OUTR	
OUTER MARKER	@OM	
OUTLET	OUTL	
OUTPUT/INPUT	O/I	
OUTSIDE AIR TEMPERATURE	OAT	
OVERBOARD	OVBD	
OVER FLOW	OVFL	
OVERHEAD	OVHD	
OVERHEAT	OVHT	
OVERLOAD	OVLD	
OVER PRESSURE	OVPR	
OVERRIDE	OVRD	
OVERRUN	OVRN	
OVERSPEED	OVSPD	OVSP
OXYGEN	OXY	O2
PACK	PK	
PAGE	PG	
PANEL	PNL	
PARALLEL TRACK	PTK	
PARAVISUAL DIRECTOR	PVD	
PARK	PK	
PASSENGERS	PAX	PSGRS

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
PASSENGER ADDRESS	PA	
PASSENGER ENTERTAINMENT SYSTEM	PES	
PATTERN	PAT	PATT
PEDAL	PEDL	
PEDESTAL	PED	
PER CENT	%	PCT
PERFORMANCE	PERF	
PERFORMANCE MANAGEMENT (Equipment)	PM*	
PILOT	PLT	
PILOT FLYING	PF	
PILOT IN COMMAND	PIC	
PILOT NOT FLYING	PNF	
PITCH	PTCH	PIT
PITCH AUGMENTATION COMPUTER	PAC	
PLAN, (FLIGHT PLAN)	@PLN	(F-PLN)
PLAN POSITION INDICATOR	@PPI	
PLANNED LANDING WEIGHT	PLW	
PLATFORM	PLATF	
PNEUMATIC	PNEU	
POINT	PT	
POINT OF NO RETURN	PNR	
POSITION	POS	POSN, POSIT
POSITIVE	POS	+VE
POSSIBLE	PSBL	
POTABLE WATER	POTW	
POUND	LB	
POUND PER SQUARE INCH	PSI	
POWER	PWR	
POWER CONTROL UNIT	PCU	
POWER TRANSFER UNIT	PTU	
PRECISION APPROACH PATH INDICATOR	PAPI	
PRECISION APPROACH RADAR	@PAR	
PREDICTED, -TION	PRED	
PREDICTED WIND DATA	PWD	
PREFERRED	PREFD	
PREFLIGHT	PREFLT	PREF
PRESENT	PRES	
PRESENT POSITION	PPOS	POS
PRESSURE	PRESS	P, q
PRESSURIZATION	PRESN	PRESSN
PREVIOUS	PREV	
PRIMARY	PRI	PRIM
PRIMARY FLIGHT DISPLAY	PFD	
PRINTER	PRTR	
PROCEDURE	PROC	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
PROCEDURE TURN	PROC-T	
PROFILE	PROF	P-, P
PROGRAM	PRGM	PROG
PROGRESS	PROG	
PROPELLOR	PROP	
PROTECTION	PROT	
PROXIMITY	PROX	
PURSER	PURS	
PUSH BUTTON	PB	P/B
PUSH (PRESS) TO ARM	PTA	P-ARM
PUSH (PRESS) TO CANCEL	PTC	P-CAN
PUSH (PRESS) TO RESET	PTR	P-RST
PUSH (PRESS) TO SET	PTS	P-SET
PUSH (PRESS) TO TALK/TRANSMIT	PTT	P-TT
PUSH (PRESS) TO TEST	PTT	P-TST
PUSH (PRESS) TO INHIBIT	PTI	P-INH
QUADRANT	QUAD	
QUANTITY	QTY	Q
QUART	QT	
QUICK ACCESS RECORDER	QAR	
RADIO	RAD	
RADAR	RDR	R
RADAR HEIGHT/RADIO HEIGHT	R-HT	R/H, RHT
RADIAL	R	RDL
RADIAL/DISTANCE	R/D	
RADIO ALTIMETER	RA	R/A
RADIO/INERTIAL	R/I	
RADIO DISTANCE MAGNETIC INDICATOR	RDMI	
RADIO MAGNETIC INDICATOR	RMI	
RADIO MANAGEMENT (Equipment)	RM*	
RADIO NAVIGATION INDICATOR	RNI	
RADIO RANGE	@RNG	
RADIO TELETYPEWRITER	@RTT	
RADIO TELEPHONE	RT	@RTF, R/T
RAM AIR TEMPERATURE/TURBINE	RAT	
RANDOM (AREA) NAVIGATION	RNAV	
RANGE	RNG	
RATE OF CLIMB	ROC	R/C, R-C
RATE OF DESCENT	ROD	R/D, R-D
READY	RDY	
REAR (PART)	AFT	

TERM	PREFERRED	ACCEPTABLE EQUIVALENT
RECALL	RCL	
RECEIVE	RCV	
RECEIVER	RCVR	RX
RECIRCULATION	RECIRC	
RE-CLEAR, -ED	R-CLR	
RECORDER	RCDR	
RECTIFIER	RECT	
REDUCTION	REDN	RED
REDUNDANT, ANCY	REDUND	
REFERENCE	REF	
REFERENCE EYE POSITION	REP	
REFERENCE SPEED (THRESHOLD)	VREF	
REFRIGERATION	FRIG	
REFUEL	RFL	
REGULATOR	REG	
REGULATED TAKE-OFF WEIGHT	RTOW	
REJECTED TAKE-OFF	RTO	
RELAY	RLY	
RELEASE	REL	
REMAIN	RMN	
REMOTE	REM	RMT
REMOTE CONTROLLED CB	RCCB	
REPEATING	RPTG	
REPELLENT	RPLNT	REP
REPETITIVE CHIME	RC	
REPETITIVE STROKE	RS	
REPORT	REP	
REPORTING POINT	R-PT	@REP
REQUEST	REQ	RQST
REQUIRED	REQD	RQRD
REQUIRED TIME OF ARRIVAL	RTA	
RESERVE, -ATION	RSV	RES
RESERVOIR	RSVR	
RESET	RST	
RESPONDER BEACON	@RSP	
RESTRICTED, TION	REST	
RETARD	RETD	RET
RETRACT, -ED, -ABLE	RETR	
RETURN	RET	RTRN
REVERSE, REVISION, REVISE	REV	
REVERSE CURRENT PROTECTION	RCP	
REVERSER	RVSR	REVR
REVOLUTION PER MINUTE	RPM	
RIGHT	R	
RIGHT HAND (SIDE)	RH	
RIGHT LINE SELECT (KEY)	RLS	