

NOMENCLATURE AND ABBREVIATIONS FOR USE ON THE FLIGHT DECK

1. SCOPE: This Standard 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 3 or 4 letters are given.

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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
FNCS = 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.

PREPARED BY
SAE COMMITTEE S-7,
FLIGHT DECK AND HANDLING
QUALITIES STANDARDS FOR
TRANSPORT AIRCRAFT

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-0, 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	VI	
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 CYLINDER	VC 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	VI	
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	ΔP
DIGITAL AIDS RECORDER	DAR	
DIGITAL AIR DATA (Equipment)	DAD*	
DIGITAL DISTANCE AND RADIO MAGNETIC INDICATOR	DDRMI	
DIGITAL FLIGHT DATA ACQUISITION UNIT	DFDAU	