

ASME Y14.38-2019

[Revision of ASME Y14.38-2007 (R2013)]

Abbreviations and Acronyms for Use in Product Definition and Related Documents

**Engineering Product Definition and
Related Documentation Practices**

AN AMERICAN NATIONAL STANDARD



**The American Society of
Mechanical Engineers**

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Related Documentation Practices**

AN AMERICAN NATIONAL STANDARD



**The American Society of
Mechanical Engineers**

Two Park Avenue • New York, NY • 10016 USA

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FOREWORD

Subcommittee 38, Abbreviations, was formed in May 1995 as a Subcommittee of the ASME Standards Committee Y14, Engineering Product Definition and Related Documentation Practices. The Subcommittee is charged with the responsibility of compiling and maintaining a list of abbreviations and acronyms for use on engineering drawings and related documents.

ASME Y1.1 was revised and redesignated as ASME Y14.38. This Standard is based on ASME Y1.1 and MIL-STD-12.

This revision incorporates the ASME Y14.38-2007 addenda and comments received since the release of the ASME Y14.38-2007 edition. No abbreviations or acronyms were eliminated; additional abbreviations were added from model-based initiatives and various Y14 standards that list abbreviations. The lists of periodic elements and of engineering societies and industrial associations were updated. The text was also updated to reflect the current standard content and formatting for Y14 standards.

The successful completion of this Standard is attributed to the subcommittee members, contributing guests, and the departments and agencies of the U.S. Government.

This Standard was approved by the American National Standards Institute on November 15, 2019.

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Engineering Product Definition and Related Documentation Practices

(The following is the roster of the Committee at the time of approval of this Standard.)

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Proposing Revisions. Revisions are made periodically to the Standard to incorporate changes that appear necessary or desirable, as demonstrated by the experience gained from the application of the Standard. Approved revisions will be published periodically.

The Committee welcomes proposals for revisions to this Standard. Such proposals should be as specific as possible, citing the paragraph number(s), the proposed wording, and a detailed description of the reasons for the proposal, including any pertinent documentation.

Proposing a Case. Cases may be issued to provide alternative rules when justified, to permit early implementation of an approved revision when the need is urgent, or to provide rules not covered by existing provisions. Cases are effective immediately upon ASME approval and shall be posted on the ASME Committee web page.

Requests for Cases shall provide a Statement of Need and Background Information. The request should identify the Standard and the paragraph, figure, or table number(s), and be written as a Question and Reply in the same format as existing Cases. Requests for Cases should also indicate the applicable edition(s) of the Standard to which the proposed Case applies.

Attending Committee Meetings. The Y14 Standards Committee regularly holds meetings and/or telephone conferences that are open to the public. Persons wishing to attend any meeting and/or telephone conference should contact the Secretary of the Y14 Standards Committee. Future Committee meeting dates and locations can be found on the Committee Page at <http://go.asme.org/Y14committee>.

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ABBREVIATIONS AND ACRONYMS FOR USE IN PRODUCT DEFINITION AND RELATED DOCUMENTS

1 SCOPE AND PURPOSE

1.1 Scope

The abbreviations and acronyms, hereinafter referred to as “abbreviations,” listed in this Standard are used on engineering drawings and related documentation.

1.2 Purpose

The intent of this Standard is to allow the use of approved abbreviations in lieu of the use of complete words or terminology. Abbreviations defined by this Standard need not be additionally defined by the using drawing or related document. It is not the intent of this Standard to include abbreviations defined or established in other standards such as those for scientific terms and notations. However, an exception is made for those abbreviations that have widespread use and recognition, for example, AM for amplitude modulation, and FM for frequency modulation (radio).

1.3 ASME Y14 Series Conventions

The conventions in [paras. 1.3.1 through 1.3.10](#) are used in this and other ASME Y14 standards.

1.3.1 Mandatory, Nonmandatory, Guidance, and Optional Words

- (a) The word “shall” establishes a requirement.
- (b) The word “will” establishes a declaration of purpose on the part of the design activity.
- (c) The word “should” establishes a recommended practice.
- (d) The word “may” establishes an allowed practice.
- (e) The words “typical,” “example,” and “for reference” and the Latin abbreviation “e.g.” indicate suggestions given for guidance only.
- (f) The word “or” used in conjunction with a requirement or a recommended practice indicates that there are two or more options for complying with the stated requirement or practice.
- (g) The phrase “unless otherwise specified” or “UOS” shall be used to indicate a default requirement. The phrase is used when the default is a generally applied requirement and an exception may be provided by another document or requirement.

1.3.2 Cross-Reference of Standards. Cross-reference of standards in text with or without a date following the standard designator shall be interpreted as follows:

(a) Reference to other ASME Y14 Standards in the text without a date following the standard designator indicates the issue of the standard identified in the References section ([para. 1.3.9](#) and [section 2](#)) shall be used to meet the requirement.

(b) Reference to other ASME Y14 Standards in the text with a date following the standard designator indicates that only that issue of the standard shall be used to meet the requirement.

1.3.3 Invocation of Referenced Standards. The following examples define the invocation of a standard when specified in the References section ([para. 1.3.9](#) and [section 2](#)) and referenced in the text of the Y14 Standard:

(a) When a referenced standard is cited in the text with no limitations to a specific subject or paragraph(s) of the standard, the entire standard is invoked. For example, “dimensioning and tolerancing shall be in accordance with ASME Y14.5” is invoking the complete standard because the subject of the standard is dimensioning and tolerancing, and no specific subject or paragraph within the standard is invoked.

(b) When a referenced standard is cited in the text with limitations to a specific subject or paragraph(s) of the standard, only the paragraph(s) on that subject is invoked. For example, “assign part or identifying numbers in accordance with ASME Y14.100” is invoking only the paragraph(s) on part or identifying numbers because the subject of the standard is engineering drawing practices and part or identifying numbers is a specific subject within the standard.

(c) When a referenced standard is cited in the text without an invoking statement such as “in accordance with,” the standard is invoked for guidance only. For example, “for gaging principles, see ASME Y14.43” is only for guidance and no portion of the standard is invoked.

1.3.4 Parentheses Following a Definition. When a definition is followed by a standard referenced in parentheses, the standard referenced in parentheses is the source for the definition.

1.3.5 Notes. Notes depicted in the Y14 Standard in ALL UPPERCASE letters are intended to reflect actual drawing entries. Notes depicted in Initial Uppercase or lowercase letters are to be considered supporting data to the contents of the standard and are not intended for literal entry on drawings. A statement requiring the addition of a note with the qualifier “such as” is a requirement to add a note, and the content of the text is allowed to vary to suit the application.

1.3.6 Acronyms and Abbreviations. Acronyms and abbreviations are spelled out the first time used in Y14 Standards, followed by the acronym or abbreviation in parentheses. The acronym or abbreviation is used thereafter throughout the text.

1.3.7 Units. The International System (SI) of units is featured in Y14 Standards. It should be understood that U.S. Customary units could equally have been used without prejudice to the principles established.

1.3.8 Figures. The figures in Y14 Standards are intended only as illustrations to aid the user in understanding the practices described in the text. In some cases, figures show a level of detail as needed for emphasis. In other cases, figures are incomplete by intent so as to illustrate a concept or facet thereof. The absence of figure(s) has no bearing on the applicability of the stated requirements or practice. To comply with the requirements of Y14 Standards, actual data sets shall meet the content requirements set forth in the text. To assist the user of Y14 Standards, a listing of the paragraph(s) that refer to an illustration appears in the lower right-hand corner of each figure. This listing may not be all-inclusive. The absence of a listing is not a reason to assume inapplicability. Some figures are illustrations of models in a three-dimensional environment. The absence of dimensioning and tolerancing annotations in a view may indicate that the product definition is defined in 3D. Dimensions that locate or orient and are not shown are considered basic and shall be queried to determine the intended requirement. When the letter “h” is used in figures for letter height or for symbol proportions, select the applicable letter height in accordance with ASME Y14.2. Multi-view drawings contained within figures are third-angle projections.

1.3.9 Precedence of Standards. The following are ASME Y14 Standards that are basic engineering drawing standards:

ASME Y14.1, Decimal Inch Drawing Sheet Size and Format
 ASME Y14.1M, Metric Drawing Sheet Size and Format
 ASME Y14.2, Line Conventions and Lettering
 ASME Y14.3, Orthographic and Pictorial Views
 ASME Y14.5, Dimensioning and Tolerancing
 ASME Y14.24, Types and Applications of Engineering Drawings
 ASME Y14.34, Associated Lists

ASME Y14.35, Revisions of Engineering Drawings and Associated Documents

ASME Y14.36, Surface Texture Symbols

ASME Y14.38, Abbreviations and Acronyms for Use in Product Definition and Related Documents

ASME Y14.41, Digital Product Definition Data Practices

ASME Y14.100, Engineering Drawing Practices

All other ASME Y14 Standards are considered specialty types of standards and contain additional requirements or make exceptions to the basic standards as required to support a process or type of drawing.

1.3.10 Nonmandatory Appendices. Nonmandatory appendices are provided in this Standard for other than commercial application or practice when invoked.

2 REFERENCES

The following publications form a part of this Standard to the extent specified herein. A more recent revision may be used, provided there is no conflict with the text of this Standard. In the event of a conflict between the text of this Standard and the references cited herein, the text of this Standard shall take precedence. Unless otherwise specified, the standards referenced shall be used for data preparation.

ASME Y14.5-2018, Dimensioning and Tolerancing

ASME Y14.100-2017, Engineering Drawing Practices

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3 DEFINITIONS

3.1 Abbreviation

abbreviation: a shortened or contracted form of a word or phrase, used to represent the whole word or phrase.

3.2 Acronym

acronym: a word formed from the initial letters or groups of letters of words in a set phrase or series of words and pronounced as a separate word.

4 ABBREVIATIONS AND LETTER SYMBOLS

Since abbreviations are conventional representations of words or names in a particular language, they may be different in different languages. A letter symbol, on the other hand, represents a quantity or a unit (not its name) and is therefore independent of language. Because of this, the use of letter symbols is preferred over abbreviations for unit or quantity terms. While letter symbols may be used wherever abbreviations

were formerly used, abbreviations shall never be used whenever a mathematical operation sign is involved, such as the equal sign (=) or the division sign (/).

5 ABBREVIATIONS LIST FORMAT

Abbreviations included in the “Drawings” columns of sections 8 and 9 provide the form for use on drawings and documents produced with upper case characters. Abbreviations in the “Text” columns provide the form for documents produced with lower case characters. Where upper case abbreviations are shown in the “Text” columns, they are a continuation of prior usage and are generally for major systems or are recognized as having significant applications when used in text. Bracketed modifiers may appear with certain terms indicating alternate technology-specific applications for that term.

6 WHERE AND HOW ABBREVIATIONS SHOULD BE USED

6.1 Where to Use Abbreviations

Abbreviations should be used only where necessary to save time and space. Even though this Standard establishes abbreviations for many terms, extreme care should be exercised in their use. Since they may be interpreted by people of varying backgrounds, abbreviations should be used only where their meaning is unquestionably clear to the intended reader. Where there is doubt that the reader will understand the meaning, spell out the word or complete phrase where first used, followed by the abbreviation or acronym in parentheses.

6.2 Duplicate Abbreviations

Several different terms have the same abbreviation in established practice, and these duplicates are included in this Standard. The author should clarify which term is meant in context to ensure the proper meaning of the abbreviation will be interpreted.

7 BASIC PRINCIPLES

7.1 Abbreviations for Acronyms

Sections 8 and 9 include some acronyms for compound terms as well as abbreviations for the acronyms. Some examples are “radar” for “radio detection and ranging” and “rdr” for “radar”; “selsyn” for “self-synchronous” and “sels” for “selsyn.”

7.2 Punctuation

An abbreviation spelling a whole word should include a period if the abbreviation could be misinterpreted.

7.3 Spacing

Spaces shall not be inserted within an abbreviation.

7.4 Capitalization

Abbreviations included in the “Drawings” columns of sections 8 and 9 provide the form for use on drawings and documents produced in upper case characters. The abbreviations in the “Text” columns provide the form required for lower case characters. However, these abbreviations may be capitalized when required for emphasis. Abbreviations that are capitalized in the “Text” columns are a continuation of prior usage and in general are abbreviations for major systems or are recognized as having significant application when used in text.

7.5 Syntactical Endings

Unless otherwise indicated, the same abbreviations shall be used for all tenses, participle endings, the possessive case, the singular and plural, and the noun and modifying forms of a term. Some examples are “bm” for beam and beams and “calc” for calculate, calculated, calculating, and calculation.

7.6 Word Combinations

An abbreviation of a word combination shall not be separated for use individually. For example, the abbreviation for stainless steel, “sst,” is not to be split to use “s” for stainless and “st” for steel. Individual abbreviations may be combined when necessary if there is no abbreviation listed for the combination. For example, the abbreviations for average, “avg,” and temperature, “temp,” can be combined as “avg temp” for average temperature.

7.7 Combining Forms

Where two abbreviations are listed for the same word, such as “freq” for “frequency” and “f” for “frequency” as in “frequency (comb form),” the first abbreviation applies to the word used alone. The abbreviation indicated by “(comb form)” applies in combination with abbreviations of other words to form an abbreviation for a word combination, e.g., “FM” for “frequency modulation.”

7.8 Colors

Some color names in sections 8 and 9 have two abbreviations. The three-letter abbreviation should be used for notes on drawings and in text. The other abbreviation should be used where a shorter designation for colors is needed.

7.9 New Abbreviations

The development of a new abbreviation will be considered for inclusion in this Standard based on the following minimum criteria:

(a) A genuine need for the abbreviation has been demonstrated.

(b) The abbreviation does not contain subscripts and superscripts.

(c) The term to be abbreviated contains five or more letters.

(d) The abbreviation meets the intent of the scope of this Standard.

(e) The term to be abbreviated would have widespread application.

8 WORDS AND TERMS AND THEIR ABBREVIATIONS

Refer to [Table 8-1](#) for a list of words and terms and their abbreviations.

9 CROSS-REFERENCE LIST OF ABBREVIATIONS AND THEIR WORDS AND TERMS

Refer to [Table 9-1](#) for a cross-reference list of abbreviations and their words and terms.

10 APPENDICES

10.1 Chemical Elements

The International Union of Pure and Applied Chemistry's elements and their symbols appear in [Table A-1](#). The symbols listed are not abbreviations, and should be used in lieu of the abbreviations listed in [sections 8](#) and [9](#) for scientific and technical work.

10.2 Engineering Societies

A partial listing of engineering societies and industrial associations and their abbreviations or acronyms appears in [Table B-1](#).

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Table 8-1 Words and Terms and Their Abbreviations

Term	Drawings	Text	Term	Drawings	Text
A			acoustical plaster ceiling	APC	APC
a programming language	APL	APL	acoustical tile ceiling	ATC	ATC
abandon ship	ABDNSHP	abdnshp	acquire	ACQ	acq
abbreviate	ABBR	abbr	acquisition	ACQ	acq
abnormal	ABNL	abnl	acquisition advice code	AAC	AAC
about	ABT	abt	Acquisition Streamlining and Standardization Information Systems	ASSIST	ASSIST
above	ABV	abv	across	ACR	acr
above baseline	ABL	abl	across flats	ACRELT	ACRELT
above water	AW	aw	acrylic	ACRYL	acryl
abrasion	ABRS	abrs	action	ACTN	actn
abrasion resistant	AR	ar	action cutout	ACO	aco
abrasive	ABRSV	abrsv	action time	AT	at
abrasive-resistant	ABRSVRES	abrsvres	activate	ACTVT	actvt
absolute	ABS	abs	activation analysis	ACTVNANAL	actvnanal
absolute ceiling	ABSCLG	absclg	activator	ACTVTR	actvtr
absorption	ABSORB	absorb	active element group	AEG	AEG
abstract	ABSTR	abstr	activity	ACT	act
accelerate	ACCEL	accel	actual	ACTL	actl
accelerator	ACLTR	acltr	actual mating envelope	AME	AME
accelerometer	ACCLRM	acclrm	actuate	ACTE	acte
accept	ACPT	acpt	actuating	ACTG	actg
acceptable quality level	AQL	AQL	actuator	ACTR	actr
acceptable quality test	AQT	AQT	adaptation	ADAPT	adapt
acceptable reliability level	ARL	ARL	adapter	ADPTR	adptr
acceptor	ACPTR	acptr	adapter booster	AB	AB
access	ACS	acs	adaptive flight control systems	AFCS	AFCS
access opening	AO	AO	addendum	ADD	add
access panel	AP	AP	addition	ADD	add
access time	ACST	ACST	additional	ADDL	addl
accessory	ACCESS	access	additive	ADDT	addt
accident	ACDT	acdt	address	ADRS	adrs
accommodate	ACCOM	accom	adhere	ADH	adh
accordance with	AW	aw	adhesive	ADH	adh
account	ACCT	acct	adjacent	ADJ	adj
accumulate	ACCUM	accum	adjust	ADJ	adj
accumulator	ACC	acc	adjustable speed	ADJSP	adjsp
accumulator switch	ACS	ACS	administer	ADMIN	admin
accurate	ACCUR	accur	admitting	ADMG	admng
acetate	ACTT	actt	adoptive flight control system	AFCS	AFCS
acetate [insul] (see cellulose acetate)	—	—	adsorbent	ADSORB	adsorb
acetylene	ACET	acet	advance	ADV	adv
acid waste	AW	aw	advance alteration notice	AAN	AAN
acidproof	AP	ap	advance change notice	ACN	ACN
acidproof floor	APF	APF	Advance Drawing Change Notice	ADCN	ADCN
acid-resisting	AR	AR	advance engineering change proposal	AECP	AECP
acknowledge	ACK	ack	advance engineering order	AEO	AEO
acoustic	ACST	acst			
acoustic mine sweeping	AMNSWP	AMNSWP			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
advance material request	AMR	AMR	air movement data	AMD	AMD
Advance Revision Authorization Document	ARAD	ARAD	air munitions	AMUN	amun
advanced battery acquisition radar	ABAR	ABAR	air over	AO	AO
advertisement	AD	ad	air over hydraulic	AH	ah
advisory	ADVSY	advsy	air passage	AP	AP
aerodynamic	AERODYN	aerodyn	air route traffic control center	ARTCC	ARTCC
aerodynamic center	AC	AC	air scoop	AS	as
aerological	AEROL	aerol	air shutoff	ASHOF	ASHOF
aeronautic	AERO	aero	air shutter	AIRSHTR	AIRSHTR
aeronautical material specification	AMS	AMS	air starting	ASTRG	ASTRG
aeronautical national taper pipe thread	ANPT	ANPT	air traffic control	ATC	ATC
aeronautical recommended practice	ARP	ARP	air transport radio	ATR	ATR
aeronautical standards group	ASG	ASG	air turbine motor	ATM	atm
Aerospace and Advanced Engineering Drawing	AED	AED	airborne	ABN	abn
aerospace ground equipment	AGE	AGE	airborne early warning	AEW	AEW
after	AFT	aft	airborne interceptor	AI	AI
after cooler	AFTCLR	AFTCLR	airborne surveillance radar	ASR	ASR
after engine room	AER	AER	air-break switch	ABSW	absw
after peak	AP	AP	air-condition	AIRCOND	aircond
after perpendicular	AP	AP	air-cooled	ACLD	acld
after torpedo room	ATRM	ATRM	aircraft	ACFT	acft
afterburner	AB	ab	aircraft approach light	AAL	AAL
aftertreatment	AFTM	aftm	aircraft control and warning	ACW	acw
agent	AGT	agt	airframe	AFR	afr
aggregate	AGGR	aggr	airframe-mounted accessory drive	AMAD	AMAD
agitate	AG	ag	airplane	APL	apl
aileron	AIL	ail	airport	APRT	aprt
air blast	AB	ab	airport surveillance radar	APSR	APSR
air blast circuit breaker	ABCB	ABCB	air-position indicator	API	API
air blast transformer	ABT	ABT	airspeed	AS	as
air circuit breaker	ACB	ACB	airspeed indicator	AI	AI
air circulating	ACIRC	acirc	airtight	AT	at
air cleaner	AIRCLNR	AIRCLNR	air-to-air	AA	aa
air conditioning	AC	ac	air-to-air after cooler	ATAAC	ataac
air data computing	ADC	ADC	air-to-air identification	AAI	AAI
air escape	AE	AE	air-to-air-missile	AAM	AAM
Air Force-Navy	AN	AN	air-to-ground	AG	AG
Air Force-Navy Aeronautical	ANA	ANA	air-to-surface missile	ASM	ASM
Air Force-Navy Design	AND	AND	air-to-underwater missile	AUM	AUM
Air Force-Navy-Civil	ANC	ANC	alarm	ALM	alm
air header	AHDR	ahdr	alarm check valve	ACV	ACV
air induction	AINDTN	AINDTN	alclad	ALCD	alcd
air inlet heater	AIH	aih	alcohol	ALC	alc
air installations	AI	AI	algebra	ALG	alg
air lock	AL	AL	algebraic compiler and translator	ACT	ACT
			algorithm	ALGO	algo
			algorithmic-oriented language	ALGOL	ALGOL
			alidade	ALDD	aldd

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
alignment	ALIGN	align	ammonia	AMNA	amna
alkaline	ALK	alk	ammonium nitrate	AMNIT	amnit
alkalinity	ALKY	alky	ammunition	AMMO	ammo
all-number calling	ANC	ANC	ammunition hoist	AMOHST	AMOHST
allocate	ALLOC	alloc	ammunition hoist drive	AMOHSTDR	AMOHST-DR
allowance	ALLOW	allow	ammunition identification code	AIC	AIC
allowance parts list	APL	APL	ammunition rack	AMMORK	AMMORK
alloy	ALY	aly	amount	AMT	amt
alloy-steel protective plating	ASPP	ASPP	ampere	A	A
all-wheel drive	AWD	awd	ampere	AMP	amp
all-wheel steer	AWS	aws	ampere [turn]	AT	at
alphabetical	ALPHA	alpha	ampere demand meter	AD	AD
alphanumeric output	ANO	ANO	ampere-hour	AMPHR	amphr
alteration	ALTRN	altrn	ampere-hour meter	AHM	AHM
altered	ALTRD	altrd	amphibian	AMPH	amph
alternate	ALTN	altn	amphibious	AMPH	amph
alternating current	AC	AC	amphibious truck	AMPHTRK	amphtrk
alternating current synchronous	ACS	ACS	amplidyne	AMPLDN	ampldn
alternation	ALT	alt	amplidyne generator	AMPLG	AMPLG
alteration notice	AN	AN	amplidyne motor generator	AMPLMG	AMPLMG
altered item drawing	AID	AID	amplifier	AMPL	ampl
alternative	ALTNV	altnv	amplitude	AMPTD	amptd
alternator	ALTNTR	altntr	amplitude modulation	AM	AM
altimeter	ALTM	altm	analog	ANLG	anlg
altitude	ALT	alt	analog-to-digital	AD	ad
altitude transmitting equipment	ALTE	alte	analog-to-digital converter	ADC	ADC
aluminum	AL	AL	analysis	ANAL	anal
aluminum conductor steel reinforced	ACRS	ACSR	analytical rework program	ARP	ARP
amalgam	AMLG	amlg	analyze	ANALY	analy
amateur television	ATV	ATV	anchor	AHR	ahr
amatol	AM	am	anchor bolt	AB	AB
amber	AMB	amb	anchor light	ANLT	anlt
amber light	AL	AL	anchor order	AOR	aor
ambient	AMB	amb	anchor windlass	AWNDLS	AWNDLS
ambulance	AMB	amb	anchored filament	ANCFIL	ANCFIL
amendment	AMEND	amend	and so forth	ETC	etc
American	AMER	Amer	anechoic	ANCH	anch
American Gage Design Standard	AGDS	AGDS	angiocardigram	ACG	acg
American National Standard Code for Information Interchange	ASCII	ASCII	angle order	ANLOR	ANLOR
American Standard Elevator Code	ASEC	ASEC	angle stop valve	ASV	ASV
American Steel Wire Gage	ASWG	ASWG	angular	ANLR	anlr
American Wire Gage	AWG	AWG	anhydride	ANHYD	anhyd
ammeter	AMM	amm	anhydrous	ANHYD	anhyd
ammeter switch	AS	AS	anneal	ANL	anl
			announcing	ANCG	ancg
			annular	ANLR	anlr
			annunciator	ANN	ann
			anode	AD	ad

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
anode [electron device]	A	A	approved	APVD	apvd
anodize	ANDZ	andz	approximate	APPROX	approx
answer	ANS	ans	April	APR	Apr
ante meridiem [before noon]	AM	am	aqueous	AQ	aq
antenna	ANT	ant	arbitrary	ARB	arb
antenna scan	SCAN	SCAN	arc cosecant	ARCCSE	arccse
anti (comb form)	A	a	arc cosine	ARCCOS	arccos
anti tracking control	ATRC	ATRC	arc cotangent	ARCCOT	arccot
antiair output	AAO	aao	arc secant	ARCSEC	arcsec
antiaircraft	AA	AA	arc sine	ARCSIN	arcsin
antiaircraft artillery	AAA	AAA	arc tangent	ARCTAN	arctan
antiaircraft common	AAC	AAC	arc weld	ARCW	arcw
antiaircraft fire control	AAFC	AAFC	architectural projected window	APW	APW
antiaircraft self-destroying	AASD	AASD	architecture	ARCH	arch
antifreeze	ANTIFRZ	antifrz	archive	ARCH	arch
antifriction bearing	AFB	AFB	arcing	ARNG	arng
antifriction metal	AFM	AFM	area drain	AD	AD
antihunt	AH	ah	area moving target indicator	AMTI	AMTI
anti-icing	AI	ai	area weight average resolution	AWAR	awar
antijamming	AJ	aj	area weighted average T-number	AWAT	awat
antilogarithm	ANTILOG	antilog	argument programming	AP	AP
antimissile missile	AMM	AMM	arithmetic	ARITH	arith
antimotor torpedo boat	AMTB	AMTB	arithmetic and logic unit	ALU	alu
antimotorboat	AMB	amb	arithmetic average	AA	AA
antipersonnel	APERS	APERS	arithmetic unit	ARITHU	arithu
anti-repeat relay	ARR	ARR	armament	ARMT	armt
antiseptic	ANTSPT	antspt	armament and electronics	AE	ae
antisubmarine	AS	AS	armature	ARM	arm
antisubmarine warfare	ASW	ASW	armature accelerator	AA	AA
antitank	AT	AT	armature shunt	ARMSHT	armsht
antitank nonmetallic	ATNM	ATNM	arming	ARM	arm
antitorpedo	ATORP	atorp	arming and fusing system	AFS	AFS
antitoxin	ANTOX	antox	arming wire	AW	AW
antitransmit-receive	ATR	ATR	armor grating	AG	AG
antitransmit-receive tube	ATRT	ATRT	armor plate	ARMPL	armpl
antiunderwater warfare	AUW	AUW	armored	ARMD	armd
apartment	APT	apt	armored cable	ARMCA	armca
aperture	APERT	apert	armored infantry vehicle	AIV	AIV
apothecary	APOTH	apoth	armored personnel carrier	APC	APC
apparatus	APPAR	appar	armored utility vehicle	AUV	AUV
apparent	APRNT	aprnt	armor-piercing	AP	AP
appearance	APP	app	armor-piercing capped	APC	APC
appendix	APPX	appx	armor-piercing capped incendiary	APCI	APCI
application	APPL	appl	armor-piercing capped incendiary with tracer	APCIT	APCIT
application list	AL	AL	armor-piercing incendiary	API	API
applied	APLD	apld			
appliqué	APLQ	aplq			
approach	APRCH	aprch			
approval	APPVL	appvl			
approve	APPV	appv			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
armor-piercing incendiary with tracer	APIT	APIT	astigmatism	ASTIG	astig
armor-piercing with tracer	APT	APT	astragal	A	a
ArmyNavy	AN	AN	astronomical time switch	ATS	ATS
Army-Navy British	ANB	ANB	astronomical unit	AU	AU
Army-Navy Commercial	ANC	ANC	astrophysics	ASTROPHYS	astrophys
Army-Navy Design	AND	AND	asymmetric	ASYM	asym
Army-Navy-Air Force	ANAF	ANAF	asymptote	ASYMP	asypm
aromatic	AROM	arom	at a later date	ALD	ALD
arrange	ARR	arr	athwartship	ATH	ath
array processing instruction set	APIS	APIS	atmosphere	ATM	atm
arrester	ARSR	arsr	atomic (comb form)	AT	at
arresting [gear or hook]	ARG	arg	atomic explosion	ATXPL	atxpl
arsine	ARS	ars	atomic hydrogen weld	ATW	atw
article	ART	art	atomic weight	ATWT	atwt
articulated	ARTCLD	artcld	atomizing	ATMG	atmg
artificial	ARTF	artf	attach	ATCH	atch
artificial intelligence	AI	AI	attachment	ATCH	atch
artificial neutron	ARTRON	artron	attack	ATCK	atck
artillery	ARTY	arty	attention	ATTN	attn
as drawn	AD	AD	attenuation	ATTEN	atten
as required	AR	AR	attenuator	ATTEN	atten
as soon as possible	ASAP	ASAP	attitude	ATTD	attd
asbestos	ASB	asb	attorney	ATTY	atty
asbestos cement	AC	AC	audible	AUD	aud
asbestos millboard	AMB	amb	audio	AUD	aud
asbestos roof shingles	ARS	ARS	audio frequency	AF	AF
asbestos-cement board	ACB	ACB	auditor	AUDTR	audtr
asbestos-covered metal	ACM	ACM	augment	AGMT	agmt
asphalt	ASPH	asph	August	AUG	Aug
asphalt roof shingles	ASPHRS	asphrs	authorize	AUTH	auth
asphalt-plank floor	ASPHPF	asphpf	auto reverse fan	ARF	arf
asphalt-tile base	ATB	ATB	automatic	AUTO	auto
asphalt-tile floor	ATF	ATF	automatic bandwidth control	ABWC	ABWC
aspirator	ASPRTR	asprtr	automatic bass compensation	ABSC	ABSC
assemble	ASSEM	assem	automatic bias compensation	ABCP	ABCP
assemble [auto manufacturing]	ASM	asm	automatic brightness control	ABC	ABC
assembly	ASSY	assy	automatic check valve	AUTOCV	autocv
assembly and repair	AR	AR	automatic checkout equipment	ACE	ACE
assembly jig	AJ	AJ	automatic circuit exchange	ACKTX	ACKTX
assign	ASGN	asgn	automatic clutter eliminator	ACLE	ACLE
assignment	ASGMT	asgmt	automatic data processing	ADP	ADP
assistance	ASSTN	asstn	automatic digital network	AUTODIN	AUTODIN
assistant	ASST	asst	automatic direction finder	ADF	ADF
assisted takeoff system	ATOS	ATOS	automatic door seal	ADS	ADS
associate	ASSOC	assoc	automatic electronic traction aid	AETA	aeta
association	ASSN	assn	automatic flight control equipment	AFCE	AFCE
assort	ASRT	asrt	automatic flight control system	AFCS	AFCS
astern	ASTN	astn			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
automatic frequency control	AFC	AFC	autotransformer	AUTOXFMR	AUTOXF-MR
automatic gain control	AGC	AGC	auxiliary	AUX	aux
automatic ground-controlled approach	AGCA	AGCA	auxiliary equipment manufacturer	AEM	AEM
automatic ground-controlled landing	AGCL	AGCL	auxiliary power unit	APU	APU
automatic instrument landing approach system	AILAS	AILAS	auxiliary register	AUXR	AUXR
automatic instrument landing system	AILS	AILS	auxiliary switch	ASW	ASW
automatic lean	AUTOLEAN	autolean	auxiliary switch [breaker] normally closed	ASC	ASC
automatic level control	ALC	ALC	auxiliary switch [breaker] normally open	ASO	ASO
automatic message accounting	AMA	AMA	availability	AVLBL	avlbl
automatic meteorological observing station	AMOS	AMOS	available	AVAIL	avail
automatic mixture control	AMC	AMC	avenue	AVE	ave
automatic monitoring	AUM	AUM	average	AVG	avg
automatic moving-target indicator	AMTI	AMTI	average daily traffic	ADT	ADT
automatic noise limiter	ANL	ANL	average diameter	AVGDIA	avgdia
automatic number identification	ANI	ANI	average efficiency index	AEI	AEI
automatic output control	AOC	AOC	average outgoing quality	AOQ	AOQ
automatic overload	AUTOOVL	AUTO-OVL	average outgoing quality limit	AOQL	AOQL
automatic overload circuit	AOVC	AOVC	average picture level	AVPL	AVPL
automatic phase control	APC	APC	average sample number	ASN	ASN
automatic phase lock	APL	APL	average total inspection	ATI	ATI
automatic pistol	AUTOP	AUTOP	aviation	AVN	avn
automatic reclosing	AUTORECL	AUTO-RECL	aviation electronics	AVIONICS	AVIONICS
automatic rich	AUTORICH	AUTO-RICH	aviation gas turbine	AGT	AGT
automatic sensitivity control	ASC	ASC	avoidupois	AVDP	avdp
automatic starter	AUTOSTRT	AUTOST-RT	awning	AWN	awn
automatic starting	AUTOSTRTG	autostrtg	axial flow	AXFL	AXFL
automatic stop and check valve	AUTOSCV	AUTOSCV	axial pitch	AXP	AXP
automatic terrain recognition and navigation	ATRAN	ATRAN	axial pressure angle	APA	APA
automatic test equipment	ATE	ATE	azimuth	AZ	az
automatic transformer	AXFMR	AXFMR	azimuth and elevation	AZEL	AZEL
automatic voice network	AUTOVON	AUTOVON	azimuth and range	AZRNG	AZRNG
automatic volume control	AVC	AVC			
automatic volume expansion	AVE	AVE			
automatic zero set	AZS	AZS			
automation	AUTOMN	automn			
automobile	AUTO	auto			
automotive	AUTOM	autom			
automotive industry action group	AIAG	AIAG			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
background	BKGD	bkgd	barrier, greaseproof	BGP	BGP
backlash	BL	bl	barrier, moisture-vaporproof	BMVP	BMVP
backlash allowance	BA	BA	barrier, waterproof	BWP	BWP
back-pressure control	BPC	BPC	barring	BRRG	brrg
backrest	BKRST	bkrst	baryta light fling	BLF	BLF
backshell	BKSHL	bkshl	base [electron device]	B	B
backup	BKUP	bkup	base and increment	B&I	B&I
backward	BKWD	bkwd	base band	BB	BB
backward-wave magnetron	BWM	BWM	base detonating	BD	BD
backward-wave oscillator	BWO	BWO	base detonating fuze	BDF	BDF
backward-wave power amplifier	BWPA	BWPA	base detonating, self-destroying	BDSD	BDSD
backwater valve	BWV	BWV	base diameter	BDIA	bdia
bacteriological	BACT	bact	base ejection	BE	BE
baffle	BAF	baf	base fuze	BF	BF
baggage	BAG	bag	base helix angle	BHA	BHA
bail out	BO	BO	base ignition	BI	BI
bakery	BAK	bak	base line	BL	BL
balance	BAL	bal	base percussion	BP	BP
balanced line driver	BLD	BLD	base pitch	BP	BP
balanced voltage	BALV	balv	base plate	BP	BP
balancing coil	BALCL	balcl	basement	BSMT	bsmt
balancing rheostat	BALRHEO	balrheo	basic	BSC	bsc
balancing set	BALS	bals	basic contour line	BCL	BCL
ball bearing	BBRG	bbrg	basic impulse insulation level	BIL	bil
ball stop	BSP	bsp	basic network	BASNET	basnet
ballast	BLST	blst	basket	BSKT	bskt
ballistic	BAL	bal	batch mixer	BMXR	bmxr
Ballistic Missile Early Warning System	BMEWS	BMEWS	bathymograph	BT	bt
balloon	B	b	battalion	BN	bn
band display	BNDDIS	BNDDIS	batten	BATT	batt
band elimination	BDELIM	BDELIM	batter	BAT	bat
band filter cutoff	BFCO	bfco	battery	BTRY	btry
bandpass	BP	bp	battery [electrical]	BAT	bat
bandstop filter	BSFL	bsfl	battery charger	BATCHG	batchg
bandwidth	BW	bw	battery discharge indicator	BDI	bdi
barbette	BARB	barb	battle	BAT	bat
barge, cargo	BC	BC	battle dressing	BD	BD
barge, knockdown	BK	BK	bayonet	BAY	bay
barge, training	BT	BT	bayonet candelabra	BAYC	bayc
barium crown	BC	BC	bayonet candelabra	BAYCAND (BAYC)	baycand (bayc)
barometer	BARO	baro	bayonet candelabra, double contact	BAYCANDDC	baycandd-c
barracks	BKS	bks	bayonet candelabra, single contact	BAYCANDSC	baycandsc
barred	BRRD	brrd	bayonet skirted	BAYSK	baysk
barrel tile roof	BTR	BTR	beacon	BCN	bcn
barrier	BARR	barr	beam steering	BMSTRG	bmstrg
barrier coat	BC	BC	beams and stringers	BS	bs
barrier ready light system	BRLS	BRLS	beamwidth	BMW	bmw
barrier up indicator system	BUIS	BUIS			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
bearing	BRG	brg	bill of material	BM	BM
bearing deviation indicator	BDI	BDI	bill of sale	BS	BS
bearing procurement specification	BPS	BPS	billet	BL	bl
beat frequency	BF	BF	billet steel	BLSTL	blstl
beat-frequency oscillator	BFO	BFO	bimetallic	BMTLC	bmtlc
becket	BCKT	bckt	binary	BIN	bin
bedding	BDNG	bdng	binary coded decimal	BCD	BCD
bedpan	BDPN	bdpn	binary coded information	BCI	BCI
bedroom	BR	br	binary counter	BC	BC
before	BFR	bfr	binary decoder	BD	BD
before top dead center	BTDC	btdc	binary digit	BIT	BIT
beginner's all-purpose symbolic instruction code [computers]	BASIC	BASIC	binary divide	BDV	BDV
bell alarm switch	BASW	basw	binary subtract	BS	BS
bell and bell	BB	BB	binder	BDR	bdr
bell and flange	BF	BF	binding	BDG	bdg
bell and spigot	BS	BS	binding head	BDGH	BDGH
bell cord	BC	BC	binnacle	BNCL	bncl
bell crank	BELCRK	belcrk	binocular	BNCLR	bnclr
bell end	BE	BE	binomial expansion	BINOMEXP	BINO-MEXP
bellling	BLNG	blng	bioastronautics orbiting space station	BOSS	BOSS
bellmouth	BLMTH	blmth	biochemical oxygen demand	BOD	BOD
bellows	BLWS	blws	biological	BIOL	biol
below	BLW	blw	biological defense	BIODEF	BIODEF
belt work line	BWL	BWL	biological electronics	BIONICS	BIONICS
bench	BNCH	bnch	biological warfare	BW	BW
bench mark	BM	BM	biology	BIOL	biol
benchboard	BNCHBD	bnchbd	biology (comb form)	BIO	bio
bend down	BDN	bdn	biparting doors	BIPD	BIPD
bend line	BL	BL	bipost	BPT	bpt
bend radius	BR	BR	Birmingham Wire Gage	BWG	BWG
bend up	BUP	bup	bistaple	BSTL	bstl
bending	BNG	bng	bits per inch	BPI	BPI
bent	BT	bt	bits per second	BPS	BPS
berth	BTH	bth	bituminous	BITUM	bitum
berthing	BERTH	berth	black	BK	bk
Bessemer	BESS	Bess	black	BLK	blk
between	BETW	betw	black and white	BW	bw
between centers	BC	BC	black and white prints	BW	bw
between perpendiculars	BP	BP	black enamel slate	BES	BES
bevel	BEV	bev	black iron	BI	BI
beveled wood siding	BWS	BWS	black oil finish slate	BOFS	BOFS
beverage	BVGE	bvge	black powder	BP	BP
biconditional	BICOND	bicond	black scale	BS	BS
biconvex	BCVX	bcvx	black varnish cambric [insul]	BVC	BVC
bicycle	BCL	bcl	blackboard	BKD	bkd
bidirectional	BIDIR	bidir	blacken	BLKN	blkn
bill of exchange	BE	BE	blackening	BLKNG	blkng
bill of lading	BL	BL	blackout	BO	bo

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
blackout door	BOD	BOD	bolt circle	BC	BC
blackout window	BOW	BOW	bolted bonnet	BLTBT	bltbt
blacksmith	BSMITH	bsmith	bolted on base	BOBS	bobs
blade	BL	bl	bolted plate	BP	BP
blank	BLK	blk	bomb nose fuze	BNF	BNF
blanket	BLKT	blkt	bomb service	BS	BS
blanking	BLKG	blkg	bomb tail fuze	BTF	BTF
blanking die	BLKGD	blkgd	bomb testing device	BTD	BTD
blast	BL	bl	bombardier	BMBDR	bmbdr
blasting powder	BLSTGPWD	blstgpwd	bombardment [projectile]	BBT	bbt
bleed	BL	bl	bomber [aircraft]	B	b
bleeder	BLDR	bldr	bombsight	BOMST	bomst
blend	BLN	bln	bonded	BND	bnd
blinder	BLD	bld	bonderize	BNDZ	bndz
block	BLK	blk	bonding	BNDG	bndg
blocking	BLKG	blkg	boneless	BNLS	bnls
blocking oscillator	BO	BO	bonnet	BNT	bnt
blow off	BO	bo	bookcase	BC	bc
blowdown	BLWDN	blwdn	book-form drawing	BFD	BFD
blower	BLO	blo	bookrack	BR	br
blowout	BLWT	blwt	boost rocket	BSTRKT	bstrkt
blowout coil	BOC	boc	booster	BSTR	bstr
blowtorch	BLWT	blwt	bootstrap	BTST	btst
blue	BL	bl	borescope	BS	bs
blue	BLU	blu	boresight	BRST	brsit
blue indicating light	BIL	blt	borosilicate crown	BSC	BSC
blue stern light	BSTLT	bstlt	borrowed light	BLT	BLT
blue tool steel	BTS	BTS	both faces	BF	BF
blueprint	BP	bp	both sides	BS	BS
board	BD	bd	both ways	BW	BW
board foot [measure]	FBM	FBM	bottle	BTL	btl
Board on Standardization and Testing	BST	BST	bottom	BOT	bot
boatswain	BOSN	bosn	bottom chord	BC	BC
bobbin	BOB	bob	bottom face	BF	BF
body-bound bolts	BBB	BBB	bottom layer	BL	BL
body-on-chassis	BOC	BOC	bottom lead left	BTLL	BTLL
boiler	BLR	blr	bottom lead right	BTLR	BTLR
boiler feed	BF	BF	bottoming	BOTMG	botmg
boiler feed compound tank	BFCT	BFCT	boundary	BDY	bdy
boiler feed pump	BFP	BFP	bow buoyancy	BBYCY	bbycy
boiler feedwater	BFW	BFW	bow designation light	BDLT	bdlt
boiler house	BH	BH	bow diving	BDVG	bdvg
boiler pressure	BOPRESS	bopress	bow door	BDO	bdo
boiler water	BOWR	BOWR	bow light	BWLT	bwlt
boilermaker	BMKR	bmkr	bow plane	BPLA	BPLA
boiling	BOG	bog	bowstring	BWSTRN	bwstrn
boiling point	BP	BP	box fin	BXF	bxf
boldface type	BF	BF	boxcar detector	BXDT	BXDT
bolster	BOLS	bols	brace	BRC	brc
			bracket	BRKT	brkt

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
braid	BRD	brd	bronze	BRZ	brz
braided	BRD	brd	broom closet	BCL	bcl
braided wire	BW	BW	brown	BR	br
brake	BK	bk	brown	BRN	brn
brake air pressure	BKAIRPR	bkairpr	Brown & Sharpe Wire Gage	BS	BS
brake band	BRKBD	brkbd	Browning aircraft machine gun	BAMG	BAMG
brake horsepower	BKHP	bkhp	Browning automatic machine rifle	BAR	BAR
brake mean effective pressure	BMEP	BMEP	Browning machine gun	BMG	BMG
brake oil pressure	BKOILPR	bkoilpr	brush	BR	br
brake oil temperature	BKOILTEMP	bkoiltemp	brush holder	BRH	brh
brake saver	BKSVR	bksvr	bubble memory	BUBMEM	BUBMEM
branch	BR	br	bucket	BKT	bkt
brass	BRS	brs	buckram	BUCK	buck
brass divider strip	BDS	BDS	buffer	BFR	bfr
braze	BRZ	brz	buffer amplifier	BA	BA
brazier	BRAZ	braz	buffer register	BR	BR
brazier head	BRAZH	brazh	buffing	BFG	bfg
brazing	BRZG	brzg	building	BLDG	bldg
bread wrapping and sealing machine	BWSM	BWSM	building line	BL	BL
breadth or beam of ship	B	b	built-in	BLTIN	bltin
break	BRK	brk	built-in test	BIT	BIT
break before make	BBM	BBM	bulk [substrate] [electron device]	BU	BU
break jaw	BJ	BJ	bulkhead	BHD	bhd
breakdown	BKDN	bkdn	bulldozer	BDZR	bdzr
breakdown diode	BKDNDIO	BKDNDIO	bulletin	BULL	bull
breaker	BRKR	brkr	bulletin board	BB	BB
breaker end	BE	BE	bulletproof	BPRF	bprf
breaking	BRKG	brkg	bullnose	BN	bn
breakout	BKO	bko	bumper	BMPR	bmpr
breathe	BRTH	brth	bunching	BCHG	bchg
breather	BRTHR	brthr	bunching black	BB	BB
breathing apparatus	BA	BA	bundle	BDL	bdl
breech loading	BL	BL	buoy messenger	BMSS	BMSS
breech mechanism	BM	BM	buoyancy	B	b
brick	BRK	brk	buoyant	BYNT	bynt
bridge	BRDG	brdg	bureau	BU	bu
bridge cutoff	BCO	BCO	burlap	BRLP	brlp
bright	BRT	brt	burner	BNR	bnr
brightness	BRT	brt	burning	BRNG	brng
brilliance	BRIL	bril	burnish	BNSH	bnsh
Brinell hardness	HBW	HBW	burst	BRSTR	brstr
Brinell hardness	BH	BH	bursting strength	BRSTSTR	brststr
Brinell hardness number	BHN	BHN	bus selector	BSLR	bslr
British Standards Institution	BSI	BSI	bus tie	BT	BT
British Standard Wire Gage	SWG	SWG	bus transfer	BTR	BTR
British thermal unit	BTU	BTU	bush transfer	BTR	BTR
broach	BRCH	brch	bushel	BU	bu
broadband	BRDB	brdb	bushing	BSHG	bshg
broadcast	BC	bc			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
bushing current transformer	BCT	BCT	card random access memory	CRAM	CRAM
bushing potential device	BPD	BPD	card-to-tape tape	CTT	CTT
business	BUS	bus	carriage	CRG	crg
business input-output rerun	BIOR	BIOR	carrier	CARR	carr
butane	BUTN	butn	carrier elimination filter	CEF	CEF
butcher	BTCR	btcrr	carrier frequency	CF	CF
but-live	BL	bl	carrier frequency shift	CFS	CFS
butt line	BL	BL	carrier operated relay	COR	COR
butt weld	BTWLD	BTWLD	carrier supply	CS	CS
butterfly	BTFL	BTFL	carrier to noise	CN	CN
buttock line	BL	BL	carrier wave	CW	CW
button	BTN	btn	carrying	CRYG	cryg
button head	BTNHD	BTNHD	cartographer	CRTOG	crtog
button head cap screw	BHCS	BHCS	carton	CTN	ctn
buzzer	BUZ	buz	cartridge	CRTG	crtg
bypass	BYP	byp	cartridge storage case	CSC	CSC
bypass closing	BYPC	bypc	casing	CSG	csg
bypass opening	BYPO	bypo	cast steel	CS	CS
			cast stone	CS	CS
C			castellate	CSTL	estl
			casting	CSTG	cstg
cable	CBL	cbl	catalyst	CTLST	ctlst
cable control	CC	cc	category	CAT	cat
cable fuzing [firing]	CF	Cf	cathode [electron device]	K	K
cable television	CATV	catv	cathode-ray oscilloscope	CRO	CRO
cable termination equipment	CTE	CTE	cathode-ray tube	CRT	CRT
calculate	CALC	calc	catwalk	CTWALK	CTWALK
calibration	CAL	cal	caution	CAUT	caut
cam drive	CAMDR	camdr	ceiling and visibility unlimited	CAVU	CAVU
cam timing contact	CTC	CTC	celestial	CEL	cel
camera control unit	CCU	CCU	cellulose acetate [insul]	L	l
camshaft	CAMSH	camsh	Celsius	C	C
canceled	CANC	canc	center	CTR	ctr
canceled transmission	CANTRAN	CANTRAN	center ball	CB	cb
candela	cd	cd	center ball hydraulic tilt	CBHT	cbht
candlepower	CP	cp	center ball manual tilt	CBMT	cbmt
canister	CSTR	cstr	center flange	CFLG	cflg
canopy	CAN.	can.	center frequency	CTRF	CTRF
capable	CPBL	cpbl	center frequency modulation	CFM	CFM
capacitance	CAP	cap	center frequency stabilization	CFS	CFS
capacitor diode	CD	CD	center line	CL	cl
capacitor diode gate	CDG	CDG	center line average	CLA	CLA
capacity	CAP.	cap.	center line vertical keel	CVK	CVK
carbon film resistor	CFR	CFR	center section	CS	CS
carbon free depth	CFD	cfld	center shift	CSHIFT	cshift
carbon steel	CS	CS	center tap	CT	CT
carburetor	CARB	carb	center to center	C TO C	C TO C
carburize	CARBZ	carbzz	centering	CTRG	CTRG
card cage	CRCG	crcg	centipoise	CP	CP
card per minute	CPM	CPM	central	CTL	CTL

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
central command decoder	CCD	CCD	circulating water pump	CWP	CWP
central logic unit	CLU	CLU	citizen band	CB	CB
central processing element	CPE	CPE	civil	CVL	cvl
central processing unit	CPU	CPU	clam shell	CLMSH	clmsh
central timing equipment	CTE	CTE	clarification	CLAR	clar
central timing unit	CTU	CTU	class	CL	cl
centralized traffic control	CTC	CTC	classification	CLASS.	class.
centrifugal	CNTFG	cntfg	clean exhaust induction	CEI	cei
centrifuge	CNTFG	cntfg	clean gas induction	CGI	cgi
ceramic tile	CT	CT	cleaner	CLNR	clnr
ceramic tile base	CTB	CTB	clear air turbulence	CAT	CAT
ceramic tile floor	CTF	CTF	clear write condition	CWC	CWC
certification	CERT	cert	clearance	CLRN	clrn
chamber	CHAMB	chamb	clock pulse control	CPC	CPC
chamfer	CHAM	cham	clockwise	CW	cw
change	CHG	chg	close packed	CP	CP
change in design	CID	CID	close support	CS	CS
change point	CP	CP	close to shoulder	CTS	CTS
change request	CR	CR	close type control circuit contact	CTCCC	CTCCC
changeable type-plate style	CTPS	CTPS	closed loop	CL	CL
channel	CHNL	CHNL	closed loop approach control	CLAC	CLAC
character	CHAR	char	close-in support	CIS	CIS
charge coupled device	CCD	CCD	cluster bomb unit	CBU	CBU
charging	CHRG	chrg	clutch	CL	cl
chassis	CHAS	chas	coarse	CRS	crs
check	CHK	chk	coated	CTD	ctd
check value	CV	CV	coating	CTG	ctg
checkout and automatic monitoring	CAM	CAM	code identification number	CIN	cin
chemical biological munitions	CBM	CBM	coded automatic gain control	CAGC	CAGC
chemical warfare	CW	CW	coded biphasic	COBI	COBI
chloropicrin	PS	PS	coded pulse anti-clutter system	CPACS	CPACS
chrome vanadium	CRVAN	crvan	coder sequential pulse	CSP	CSP
chrome-tanned leather	CRTANLTHR	crtanlthr	coherent master oscillator	COMO	COMO
chromium plate	CRPL	CRPL	coherent phase shift keying	CPSK	CPSK
chronometer	CRNMTR	crnmtr	coil sketch	CS	CS
chuck	CHUK	chuk	cold drawn	CD	cd
circle	CIRC	circ	cold drawn copper	CDC	CDC
circuit	CKT	CKT	cold finished	CF	cf
circuit card assembly	CCA	cca	cold finished surface	CFS	cfs
circuit master	CM	CM	cold planer	CP	cp
circuit requirement table	CRT	CRT	cold rolled	CR	cr
circuit switching magnetic tape	CSMT	CSMT	cold side	CSD	CSD
circuit switching unit	CSU	CSU	cold water	CW	CW
circular	CIRC	circ	cold weather	CW	cw
circular pitch	CP	cp	cold-rolled steel	CRS	CRS
circular polarization	CP	CP	collector	COLL	coll
circular probable error	CPE	CPE	color code	CC	CC
circulate	CIRC	circ	column	COL	col

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
combat ready	CR	CR	compact common rail	CCR	ccr
combat vehicle	CV	CV	compacted graphite	CG	cg
combination	CMB	cmb	compactor	CMPT	cmpt
combination of adopted items	COAI	coai	companion	CO	co
combined	CMBD	cmbd	company	CO	co
combined distribution frame	CDF	CDF	comparator buffer	CB	CB
combiner	CMB	cmb	compartment	COMPT	compt
combining	COMB	comb	compatible single sideband	CSSB	CSSB
combustion	COMB.	comb.	compensated avalanche diode	CAD	CAD
command and service module	CSM	CSM	compensating	COMP	comp
command control number	CCN	CCN	compensator	COMP	comp
command data acquisition	CDA	CDA	compiler	COMP	comp
command destruct receiver	CDR	CDR	complementary	CSCR	CSCR
command destruct transmitter	CDT	CDT	semiconductor controlled		
command module	CM	CM	complementary transistor logic	CTL	CTL
command pulse output	CPO	CPO	complementary unijunction transistor	CUJT	CUJT
command radio link	CORAL	coral	complete	COMPL	compl
commercial	COML	coml	complete with	CW	CW
commercial and government entity (code)	CAGE	CAGE	component	CMPNT	cmpnt
commercial item description	CID	CID	component board	CB	CB
commercial off the shelf	COTS	COTS	component board assembly	CBA	CBA
commission	COMSN	comsn	component change control	CCC	CCC
common digitizer	CD	CD	component metal parts	CMP	CMP
common steel [projectile]	CS	CS	component repair	CR	CR
communication	COM	com	composition	COMPSN	compsn
communication line terminator	COLT	colt	compressed natural gas	CNG	cng
communications access device	CAD	CAD	compression	CPRSN	cprsn
communications and data	C&D	c&d	compressor	COMPR	compr
communications and navigation	CN	cn	computed air release point	CARP	CARP
communications automatic processing equipment	CAPE	CAPE	computer access device	CAD	CAD
communications electronics meteorological	CEM	CEM	computer access device input	CADI	CADI
communications intelligence	COMINT	COMINT	computer access device output	CADO	CADO
communications jamming	COMJAM	COMJAM	computer aided design	CAD	CAD
communications moon relay	CMR	CMR	computer aided earthmoving system	CAES	CAES
communications need	COMNEED	comneed	computer aided manufacturing	CAM	CAM
communications network	COMNET	COMNET	computer aided product technology	CAPT	CAPT
communications satellite	COMSAT	comsat	computer aided test equipment	CATE	CATE
communications satellite relay	CSR	CSR	computer automated support equipment	CASE	CASE
communications support element	CSE	CSE	computer data word	CDW	CDW
communications zone indicator	COZI	COZI	computer direct to telegraph	CODIT	codit
community automatic exchange	CAX	CAX	computer indicator	CI	CI
			computer numerical control	CNC	CNC
			computer process control	CPC	CPC
			computerized tomography	CT	CT

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
concentric	CONC	conc	continuous wave frequency modulated	CWFM	CWFM
concept formulation	CF	CF	continuous wave illuminator	CWI	CWI
concession	CON	con	continuous wave intermediate frequency	CWIF	CWIF
concrete splash block	CSB	CSB	continuously variable	CV	CV
concurrent	CNCR	cncr	contour	CTR	ctr
condensation trail	CONTRAIL	contrail	contract data requirements list	CDRL	CDRL
condenser	COND	cond	contract end item	CEI	CEI
condition	COND	cond	contractor furnished aircraft equipment	CFAE	CFAE
conditioner	CONDR	condr	contrast	CTRS	ctrs
conducted susceptibility	CS	cs	control	CONT	cont
conductor	COND	cond	control [computers]	CTRL	ctrl
conference	CONF	conf	control area network	CAN.	can.
configuration	CONFIG	config	control point	CP	CP
configuration item	CI	ci	control power switch	CSW	CSW
configuration management	CM	CM	control read-only memory	CROM	CROM
configuration memory operating system	CMOS	CMOS	control shift register	CSR	CSR
confine	CONF	conf	control stick steering	CSS	CSS
conformance	CONF	conf	control switch	CS	CS
conical	CONL	conl	control transmitter	CX	CX
conical scan	CONSCAN	conscan	control wheel steering	CWS	CWS
conical scan on receive only	CSORO	CSORO	controllable radar target simulator	CRTS	CRTS
connecting	CONN	conn	controlled blip scan	CBS	CBS
connection	CONN	conn	controlled carrier modulation	CCM	CCM
connector	CONN	conn	controlled current feedback transformer	CCFT	CCFT
consecutive	CONSEC	consec	controlled radius	CR	CR
console	CSL	csl	controlled rectifier	CR	CR
Consolidated Cryptologic Program	CCP	CCP	controller	CONT	cont
constant current transformer	CCT	CCT	controls and displays	CD	CD
constant level speech	CLS	CLS	convection	CONVN	convn
constant output amplifier	COA	COA	convector	CONVR	convr
constant speed drive	CSD	CSD	conventional	CVNTL	cvntl
contact	CONT	cont	convergence	CONVG	convg
contact lost	CL	CL	conversion	CVRSN	cvrnsn
contact potential difference	CPD	CPD	converter	CONV	conv
contactor	CNTOR	cntor	converter retarder oil temperature	CROT	CROT
container	CNTNR	cntnr	convex	CVX	cvx
container handler	CH	ch	conveyor	CNVR	cnvr
contamination	CTMN	ctmn	coolant	COOL.	cool.
continental horsepower	CONTHP	CONTHP	coolant flow	COOLFLOW	coolflow
continental polar air mass	CPAM	CPAM	coolant temperature	COOLTEMP	cooltemp
continental tropical air mass	CTAM	CTAM	cooler	CLR	clr
continued	CONT	cont	cooling	CLG	clg
continued	CONTD	contd	cooling system	CS	cs
continuous current monitoring device	CCMD	CCMD	coordinate	COORD	coord
continuous rod	CR	CR			
continuous wave	CW	CW			
continuous wave acquisition radar	CWAR	CWAR			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
coordinate system	CSYS	csys	course deviation indicator	CDI	CDI
coordinated universal time	UTC	UTC	cradle	CRDL	crdl
copper oxide	CUO	cuo	crankcase	CRKC	crkc
coppersmith	CSMITH	CSMITH	crankshaft	CSHAFT	cshaft
copyright	COPY.	copy.	crash position indicator	CPI	CPI
core memory	CM	CM	crating	CTG	ctg
core memory driver	CMD	CMD	credit	CR	cr
core shift	CS	CS	crescent	CRSCNT	crscnt
core shift driver	CSD	CSD	crimp	CRP	crp
core storage element	CSE	CSE	critical application item	CAI	CAI
core transistor logic	CTL	CTL	critical design review	CDR	CDR
corner	COR	cor	critical flicker frequency	CFF	CFF
corporate	CORP	corp	critical safety item	CSI	CSI
corporation	CORP	corp	critical safety process	CSP	CSP
correction	CORR	corr	cross bracing	XBRA	xbra
corrective maintenance	CM	CM	cross section	XSECT	xsect
correlated orientation	COTAR	COTAR	crossarm	XARM	xarm
tracking and ranging			crossbar	XBAR	xbar
correlation display analyzing	CODAR	CODAR	crossbar tandem	XBT	xbt
and recording			cross-connection	XCO	xco
correlation radar	CORAD	CORAD	cross-connection	XCONN	xconn
correlation radio link	CORAL	CORAL	cross-country	XCY	xcy
corrosion	CRSN	crsn	crosshair	XHAIR	xhair
corrosion resistant steel	CRES	cres	crosshead	CRSHD	crshd
corrosive	CRSV	crsv	crossing	XING	xing
corrugated wire glass	CWG	CWG	crossover	CRSVR	crsvr
cosecant	CSC	csc	cross-point	XPT	xpt
count	CT	ct	crowfoot	CRWFT	crwft
count per minute	CTM	ctm	cruise control	CRCONT	crcont
count per second	CTS	cts	cruising	CRUIS	cruis
counter	CTR	ctr	cryogenics	CRYOG	cryog
counter bore	CBORE	cbore	cryptograph	CTGH	ctgh
counter drill	CDRILL	cdrill	cryptography	CRYPTO	crypto
counter intelligence	CI	CI	crystal	XTAL	xtal
counter voltage	CV	CV	crystal oscillator	XTLO	xtlo
counterbalance	CB	cb	crystalline	CRYST	cryst
counterclockwise	CCW	ccw	cubic	CU	cu
counterfire	CF	CF	cubic boron nitride	CBN	cbn
counterinsurgency	COIN	coin	cubic feet per minute	CFM	cfm
countermeasures and	CMD	CMD	cubic feet per second	CFS	cfs
deception			cubic foot	CUFT	cuft
countermeasures homing	CMH	CMH	cubic inch	CUIN	cuin
countershaft	CTSHFT	ctshft	cubic meter	CUM	cum
countersink	CSK	csk	cubic millimeter	CUMM	cumm
countersink other side	CSKO	CSKO	cubic yard	CUYD	cuyd
countersunk	CTSK	ctsk	cubicle	CUB	cub
countersunk head	CSKH	CSKH	culvert	CULV	culv
counterweight	CTWT	ctwt	cumulative	CUM	cum
county	CTY	CTY	cupboard	CUP	cup
coupler	CPLR	cplr	current	CUR	cur
coupling	CPLG	cplg			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
current scroll fuel system	CSFS	csfs	dead reckoning	DR	dr
current source	IGEN	igen	dead reckoning analyzer	DRA	dra
current transformer	CT	CT	dead reckoning equipment	DRE	DRE
curtain	CURT	curt	dead reckoning indicator	DRI	DRI
curve	CRV	crv	dead reckoning tracer	DRT	DRT
curve drawing	CRVDWG	crvdwg	dead reckoning trainer	DRTR	DRTR
cushioning	CSHG	cshg	deadweight	DWT	dwt
cushion	CUSH	cush	deaerating	DEARTG	deartg
cushion hitch	CH	ch	deaerating feed tank	DFT	DFT
customer	CUST	cust	dealer	DLR	dlr
cut stone	CUTS	cuts	decade scaler	DS	DS
cutlery	CTLR	ctlry	decalomania	DECAL	decal
cutter	CTR	ctr	decanning scuttle	DS	DS
cutting	CTG	ctg	decarbonization	DECARB	decarb
cyanide	CYN	cyn	decay time	DT	DT
cycle	CY	cy	decelerate	DCLR	dclr
cycle per second	CS	cs	December	DEC	Dec
cyclonite	RDX	rdx	decibel	DB	dB
cyclotron	CYCLO	cyclo	decimal	DEC	dec
cylinder	CYL	cyl	decision	DECN	decn
cylinder lock	CYLL	cyll	deck drain valve	DDV	ddv
cylindrical	CYL	cyl	deck edge	DKE	dke
cylindrical cartridge	CYLCART	cylcart	deck edge light	DELT	delt
			deck piercing	DP	dp
D			deck surface light	DSL	dsl
			deckhouse	DKHSE	dkhse
damage control	DC	DC	declutch	DCLU	dclu
damper	DMPR	dmp	decode	DCD	dcd
damping	DPG	dpg	decoder	DCDR	dcd
dampproofing	DP	dp	decompression	DECOMP	decomp
dashpot [relay]	DP	dp	decontamination	DECONT	decont
data base update time	DBUT	DBUT	decrease	DECR	decr
data line translator	DLT	dlt	decrement	DECRT	decrt
data link	DL	DL	dedendum	DED	ded
data list	DL	DL	deep tank	DT	DT
data management	DMGT	dmgt	deep underwater nuclear counter	DUNC	DUNC
data processing machine	DPM	DPM	deep-drawn	DD	DD
data recording	DRCDG	drcdg	deep-space instrumentation facility	DSIF	DSIF
data reduction	DRDCN	drdcn	defective	DEF	def
data scanning and routing	DSR	DSR	defense	DEF	def
data terminal equipment	DTE	DTE	Defense Federal Acquisition Regulation Supplement	DFARS	DFARS
data transmitting equipment	DXE	DXE	Defense Logistics Information Services	DLIS	DLIS
dated	DTD	DTD	deficiency in allowance	DIA	DIA
datum	DAT	dat	definite time	DEFT	DEFT
datum reference frame	DRF	DRF	definite-time relay	DTR	DTR
daughterboard	DTRBD	dtrbd	definition	DEF	def
daylight	DL	dl	deflating	DFL	dfl
daylight opening	DLO	dlo			
dead light	DL	dl			
dead load	DL	dl			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
deflect	DEFL	defl	Department of Defense Single Stock Point	DoDSSP	DoDSSP
deflection plate	DP	DP	Department of Transportation	DOT.	DOT.
deflector	DFTR	dftr	deposit	DEP	dep
defogging	DF	df	depot installed	DEPINST	depinst
defrost	DFR	dfr	depression	DEPR	depr
degasifier	DGSFR	DGSFR	depth	DP	dp
degaussing	DEGUSG	DEGUSG	depth (of ship)	D	D
degaussing compass	DCMPS	DCMPS	depth charge	DC	DC
degaussing computer	DCMPTR	DCMPTR	depth deviation indicator	DDI	DDI
degaussing system	DGS	DGS	depth keeping	DKPG	DKPG
degrease	DGR	dgr	derivative	DERIV	deriv
degree	DEG	deg	dermatine	DER	der
dehumidify	DHMY	dhmy	derrick	DRK	drk
dehydrator	DYHR	dyhr	desalter	DSLTR	dsltr
deicing	DI	di	describe	DESCR	descr
delay	DLY	dly	description	DESCP	descp
delay line	DL	dl	descriptor attribute matrix	DAM	DAM
delayed automatic gain control	DAGC	DAGC	desensitize	DSNTZ	dsntz
delayed automatic volume control	DAVC	DAVC	desiccant	DSCC	dsc
delete	DELE	dele	design	DSGN	dsgn
delete	DEL	DEL	design activity	DA	DA
delineation	DEL	del	design activity identification	DAI	DAI
delivery	DLVY	dlvy	design control	DESCONT	descont
delta amplitude	DA	DA	design specification	DSPEC	DSPEC
deluxe	DLX	dlx	designation	DES	des
demagnetize	DMGZ	dmgz	designator	DES	des
demagnetizer	DMTZR	dmtzr	designed waterline	DWL	DWL
demand indicator	DI	DI	designer	DES	des
demand meter	DM	DM	desk, combination flat top and typewriter	FTTW	FTTW
demand meter, printing	DP	DP	desk, double-pedestal flat top	DPFT	DPFT
demand-totalizing relay	DTR	DTR	desk, double-pedestal typewriter	DPTW	DPTW
demineralizer	DMNRLZR	dmnrlzr	desk, single-pedestal flat top	SPFT	SPFT
demodulator	DEMOT	demod	desk, single-pedestal typewriter	SPTW	SPTW
demodulator band filter	DBF	DBF	destination	DESTN	destn
demolition	DML	dml	destroyer antisubmarine transportable array detection	DASTARD	DASTARD
demountable	DMOUNT	dmount	destructive firing	DESTRFIR	destrfir
demultiplexer	DMUX	DMUX	destructive readout	DRO	DRO
denatured	DNTRD	dntrd	destructor	DESTR	destr
denote	DEN	den	desuperheater	DSUPHTR	dsuphtr
dense flint	DF	DF	detached	DTCH	dtch
density	DENS	dens	detail	DET	det
dental	DNTL	dntl	detector	DET	det
dental amalgamator	DAMLG	DAMLG	detector back bias	DBB	DBB
dental suction apparatus	DISCAPRS	DISCAPRS	detent	DTT	dt
department	DEPT	dept			
Department of Defense	DoD	DoD			
Department of Defense Activity Address Code	DODACC	DODACC			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
detention	DETN	detn	differential	DIFF	diff
determinant	DET	det	differential amplifier	DIFA	difa
determination	DETN	detn	differential pressure	DP	DP
detonator	DET	det	differential thermocouple	DTVM	DTVM
develop	DVL	dvl	voltmeter		
developed length	DEVLG	DEVLG	differential time relay	DIFFTR	difftr
development	DEV	dev	diffraction	DIFFR	diffr
deviate	DEV	dev	diffusing	DIFFUS	diffus
deviation	DEVN	devn	digital	DGTL	dgtl
deviation equalizer	DEVEQL	DEVEQL	digital block AND-OR gate	DBAO	DBAO
device	DVC	dvc	digital counting unit	DCU	DCU
device under test	DUT	DUT	digital differential analyzer	DDA	DDA
dew point	DP	DP	digital ignition system	DISN	disn
dewatering	DEWTRG	dewtrg	negative		
diagnostic	DIGN	dign	digital microcircuit	DMC	DMC
diagonal	DIAG	diag	digital product definition	DPD	DPD
diagram	DIAG	diag	digital voltmeter	DVM	DVM
diagrammatic	DIAGR	diagr	digitally directed control	DDC	DDC
dial illumination	DLILMN	dlilmn	digital-to-analog	DA	DA
dial indicating	DLINDG	dlindg	digital-to-analog converter	DAC	DAC
dial lock	DLOCK	dlock	digitizer	DGTZR	dgtzr
diallyl phthalate	DIALPHTH	dialpht	dihydrate	DIHY	dihy
diameter	DIA	dia	dilute	DIL	dil
diameter bolt circle	DBC	DBC	dimension	DIM	dim
diametral pitch	DP	DP	dimmer	DMR	dmr
diamond	DMD	dmd	dining	DNG	dng
diamond-pyramid hardness	DPH	DPH	diode	DIO	dio
diaphragm	DIAPH	diaph	diode resistor transistor logic	DRTL	DRTL
diaphragm gland	DGLD	dgl	diode transistor logic	DTL	DTL
diazo print	DPR	dpr	diopter	DIOPT	diop
die lock	DLX	dlx	diplex	DIPX	dipx
die template	DT	DT	diplexer	DIPLXR	diplx
dielectric	DIEL	diel	dipstick	DPSK	dpsk
diesel	DSL	dsl	direct	DIR	dir
diesel belt drive	DBD	DBD	direct acting	DACT	dact
diesel direct	DD	dd	direct acting steam	DAS	DAS
diesel engine	DENG	deng	direct connect	DIRCONN	dirconn
diesel engine antifreeze	DEAC	deac	direct current	DC	DC
coolant			direct current linkage	DCLKG	dclkg
diesel engine oil	DEO	deo	direct distance dialing	DDD	DDD
diesel engine, direct drive	DED	DED	direct drive	DDR	DDR
diesel engine, reduction drive	DER	DER	direct electric	DIRELEC	direlec
diesel mechanical	DM	DM	direct injection	DIRINJ	dirinj
diesel oil	DO	DO	direct inward dialing	DID	DID
diesel particulate filter	DPF	dpf	direct memory access	DMA	DMA
diesel V-belt drive	DVBD	DVBD	direct noise amplification	DINA	DINA
diesel-electric	DE	de	direct operated	DIROPR	diropr
diethanolamine	DEA	dea	direct outward dialing	DOD	DOD
difference	DIFF	diff	direct-coupled transistor logic	DCTL	DCTL
difference channel	DCHAN	dchan	direction	DIR	dir

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
direction finder	DF	df	distributed emission magnetron amplifier	DEMA	DEMA
directional	DIR	dir	distribution amplifier	DAMP	DAMP
directional coupler	DIRCOUP	dircoup	distribution box	DB	DB
directional filter	DIRFLT	dirflt	distribution panel	DPNL	DPNL
directly	DRCTY	drcty	distributor	DISTR	distr
director	DIR	dir	district	DIST	dist
disable	DSBL	dsbl	dither	DTER	dter
disassemble	DISASSM	disassm	ditto	DO	do
disassembly	DISASSY	disassy	diver	DVR	dvr
discarding sabot	DS	DS	divertor	DIV	div
discharge	DISCH	disch	divide	DIV	div
disconnect	DISC	disc	division	DIV	div
disconnect switch	DS	DS	do not use	DNU	DNU
disconnecting device	DD	DD	docking	DCKG	dckg
discontinue	DSCONT	dscont	document	DOC	doc
discrete Fourier transform	DFT	DFT	does not apply	DNA	DNA
discriminator	DSCRM	dscrm	dogged	DG	dg
disengaging	DSENGA	dsenga	dolly	DLY	dly
dish rinsing	DSHR	dshr	domestic	DOM	dom
dishwasher	DW	dw	domestic service	DS	DS
disk grind	DG	dg	dominant wavelength	DWL	DWL
disk operated system	DOS	DOS	door closer	DCL	DCL
disk storage unit	DSU	DSU	door stop	DST	DST
dismantle	DISM	dism	door switch	DSW	DSW
dispatcher	DISP	disp	Doppler velocity and position	DOVAP	DOVAP
dispensary	DISP	disp	dots per inch	DPI	dpi
dispenser	DISP	disp	double	DBL	dbl
dispensing	DSPNSG	dspnsg	double bottom	DB	DB
displacement	DISP	disp	double break	DB	DB
display	DSPL	dspl	double contact	DC	DC
display and control unit	DCU	DCU	double density	DD	dd
display and storage	DS	DS	double end	DE	DE
disposal	DSPL	dspl	double extra strong	XXSTR	xxstr
disposition	DISPN	dispn	double face	DBLF	DBLF
dissipation factor	DF	DF	double feeder	DF	DF
dissolved	DISLVD	dislvd	double flange	DFLG	dflg
dissolved oxygen	DO	DO	double secondary current transformer	DSCT	DSCT
distance	DIST	dist	double sided	DS	ds
distance-measuring equipment	DME	DME	double single-sideband	DSSB	DSSB
distant	DIST	dist	double weight	DW	DW
distant early warning	DEW	DEW	double-acting	DBLACT	DBLACT
distill	DSTL	dstl	double-acting door	DAD	DAD
distillate	DSTLT	dstlt	double-acting steam	DASTM	DASTM
distilled water	DW	DW	double-based solid propellant	DBSP	DBSP
distinguish	DISTING	disting	double-biased [relay]	DB	DB
distortion	DISTN	distn	double-groove [insulators]	DG	DG
distress	DTRS	dtrs	double-groove, double-petticoat [insulators]	DGDP	DGDP
distribute	DISTR	distr	double-hung windows	DHW	DHW

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
double-pole	DP	DP	drinking fountain	DF	DF
double-pole, back-connected	DPBC	DPBC	drip proof	DP	dp
double-pole, double-throw	DPDT	DPDT	drip proof and ratproof	DPRP	DPRP
double-pole, double-throw switch	DPDTSW	DPDTSW	drip proof open	DPO	DPO
double-pole, front-connected	DPFC	DPFC	drip proof protected	DPP	DPP
double-pole, single-throw	DPST	DPST	drip proof semi-enclosed	DPS	DPS
double-pole, single-throw switch	DPSTSW	DPSTSW	drip proof, totally enclosed	DPT	DPT
double-pole switch	DPSW	DPSW	drip tank	DRTA	drta
doubler	DBLR	dbl	drive	DR	dr
double-sideband	DSB	DSB	drive end	DE	DE
double-throw	DT	DT	drive fit	DF	DF
double-wall	DBLW	DBLW	drive unit	DRU	DRU
double-wall fiberboard	DWLFBD	DWLFBD	driver	DRVR	drvr
Douglas fir	DF	DF	drone [aircraft]	Q	Q
dovetail	DVTL	dvtl	drop forge	DF	DF
dowel	DWL	dwl	drop hammer die	DHD	DHD
down	DN	dn	drop manhole	DMH	dmh
down solenoid	DOWNSOL	downsol	drop wood siding	DWS	DWS
downdraft	DNDFT	dndft	dry battery	DP	DP
downspout	DS	ds	dry bulb	DB	DB
dozen	DOZ	doz	dry chemical	DCHEM	dchem
draft	DFT	dft	dry dock	DD	DD
draft stop	DS	DS	dry pipe valve	DPV	DPV
drafting	DFTG	dftg	drying	DYG	dyg
drafting machine	DFMACH	DFMACH	dual fuel	DF	df
drafting request	DR	DR	dual in-line package	DIP	DIP
drafting room manual	DRM	DRM	dual tires	DT	DT
draftsman	DFTSMN	DFTSMN	dual-purpose	DP	dp
drain	DR	dr	dual-speed drive	DSD	DSD
drain tile	DT	DT	duct type	DCTP	DCTP
dram	DR	dr	ductile	DCTL	dctl
draw out	DO	DO	dull black finish slate	DBFS	DBFS
drawbar pull	DBP	DBP	dumbwaiter	DW	dw
drawer	DWR	dwr	dumbwaiter door	DWD	DWD
drawing	DWG	dwg	dummy	DUM	dum
drawing change notice	DCN	DCN	dumping	DMPG	dmpg
drawing list	DL	DL	Dun & Bradstreet Data Universal Numbering System	DUNS	DUNS
drawn	DWN	dwn	duplex	DX	dx
dredger	DRGR	drgr	duplexer	DPLXR	dplx
dressed [lumber]	DRS	drs	duplicate	DUP	dup
dressed and matched	DM	DM	dust and moisture	DUMR	DUMR
dresser	DRSR	drsr	dust-tight	DT	DT
dressings	DRSG	drsg	dutch door	DD	DD
drift	DFT	dft	duty cycle	DTYCY	DTYCY
drill	DR	dr	dwelling	DWEL	dwel
drill jig	DJ	DJ	dynamic	DYN	dyn
drill plate	DP	DP	dynamic breaking	DYB	DYB
drill rod	DR	DR	dynamic octal load	DOL	DOL

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
dynamic random access memory	DRAM	DRAM	electric drive	ELECDR	elecdr
dynamite	DYNMT	dynmt	electric dynamometer	EDYNMT	EDYNMT
dynamo	DYN	dyn	electric power and distribution	EPD	EPD
dynamometer	DYNMT	dynmt	electric power supply	EPS	EPS
dynamotor	DYNM	dynm	electric starting	ELECSTG	elecstg
			electric water cooler	EWC	EWC
E			electrical discharge machining	EDM	EDM
each	EA	ea	electrical metallic tubing	EMT	EMT
each face	EF	EF	electrical resistance	ER	ER
each layer	EL	EL	electrical specification	ESPEC	ESPEC
each way	EW	EW	electrical time	ET	ET
early inlet closing	EIC	eic	electrical time, superquick	ETSQ	ETSQ
ebony asbestos	EBASB	ebasb	electrically erasable programmable read-only memory	EEPROM	EEPROM
eccentric	ECC	ecc	electrically operated valve	ELV	ELV
eccentric orbit geophysical observatory	EGO	EGO	electrically polarized [relay]	EP	EP
echelon	ECH	ech	electric-motor driven	EMD	EMD
echo ranging	ER	ER	electrocardiogram	ECG	ECG
echo sounding	ES	ES	electrocardiograph	ECG	ECG
economize	ECON	econ	electrochemical diffused collector	ECDC	ECDC
edge of cutter	EOC	EOC	electrode	ELCTD	elctd
edge of ply	EOP	eop	electroencephalogram	EEG	EEG
edge of ply material	EOPM	eopm	electroencephalograph	EEG	EEG
edge thickness	ET	ET	electrogasdynamics	EGD	egd
edgewise	EDGW	edgw	electrohydraulic	ELHYD	elhyd
education	EDUC	educ	electroluminescent	EL	el
educator	EDUC	educ	electroluminescent photoconductive	ELPC	ELPC
eductor	EDUC	educ	electrolyte	ELCTLT	elctlt
effect	EFT	eft	electrolytic	ELCTLT	elctlt
effective	EFF	eff	electromagnetic	EM	em
effective diameter of objective	EDO	EDO	electromagnetic compatibility	EMC	emc
effective focal length	EFFL	effl	electromagnetic intelligence	EMINT	EMINT
efficiency	EFF	eff	electromagnetic interference	EMI	EMI
effluent	EFL	efl	electromagnetic wave	EWASER	EWASER
ejection	EJN	ejn	amplification by stimulated emission of radiation		
ejection seat	EJNST	EJNST	electromechanical	ELMCH	ELMCH
ejector	EJCTR	ejctr	electromotive force	EMF	EMF
elapsed time	ET	ET	electron	ELCTRN	elctrn
elapsed-time code generator	ETCG	ETCG	electron (n)-type semiconductor material	N	N
elastic	ELAS	elas	electron-coupled oscillator	ECO	ECO
elastic limit	EL	EL	electronic	ELEK	elek
elasticity	ELAS	elas	electronic automatic exchange	EAX	EAX
elbow	ELB	elb	electronic checkout	ECO	ECO
electric	ELEC	elec	electronic control	ELECTC	ELECTC
electric contact	ELCTC	ELCTC			
electric contact brush	ELCTCBR	ELCTCBR			
electric contact ring	ELCTRG	ELCTRG			
electric discharge tube	EDT	EDT			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
electronic counter-countermeasures	ECCM	ECCM	elliptical head	ELPH	ELPH
electronic countermeasures	ECM	ECM	elongate	ELNG	elng
electronic countermeasures environment	ECME	ECME	elongation	ELONG	elong
electronic countermeasures program	ECMP	ECMP	embedded wiring board	EWB	EWB
electronic data processing	EDP	EDP	emboss	EMB	emb
electronic differential analyzer	EDFA	EDFA	emergency	EMER	emer
electronic digital analyzer	EDA	EDA	emergency coolant system	ECS	ECS
electronic funds transfer	EFT	EFT	emergency decelerating [relay]	EDE	EDE
electronic intelligence	ELINT	ELINT	emergency identification light	EIDLT	eidlt
electronic interface	EI	EI	emergency power	EPWR	EPWR
electronic monitoring system	ELECMS	elecms	emergency power supply	EMPS	EMPS
electronic private branch exchange	EPBX	EPBX	emergency room	ER	ER
electronic standard	ESTD	ESTD	emergency ship service	ESS	ESS
electronic switching	ES	ES	emission	EMSN	emsn
electronic switching system	ESS	ESS	emitter	EMTR	emtr
electronic voltmeter	EVM	EVM	emitter [electron device]	E	E
electronic voltohmmeter	EVOM	EVOM	emitter follower	EF	EF
electronic warfare	EW	EW	emitter-coupled current-steering logic	ECCSL	ECCSL
electronically alterable read-only memory	EAROM	EAROM	emitter-coupled logic	ECL	ECL
electronically steerable array radar	ESAR	ESAR	empennage	EMPS	emp
electronically steerable phased array radar	ESPAR	ESPAR	employee	EMPL	empl
electronics	ELEX	elex	emulator	EMU	emu
electro-optical light modulator	EOLM	EOLM	emulsion	EMUL	emul
electroplate	EPL	epl	enable	ENBL	enbl
electropneumatic	ELPNEU	elpneu	enamel	ENAM	enam
electrostatic	ES	es	encapsulation	ENCAP	encap
electrostatic discharge	ESD	ESD	encased	ENCSD	encsd
electrostatic discharge resistive	ESOS	ESOS	enclose	ENCL	encl
electrostatic discharge sensitive	ESDS	ESDS	enclosure	ENCL	encl
electrostatic sensitive	ESS	ess	encode	ENCD	encd
electrostatic sensitive device	ESD	ESD	encoder	ENCDR	encdr
electrostatic storage tube	EST	EST	end cell switch	ECSW	ECSW
element	ELEM	elem	end half	EHF	EHF
elementary	ELEM	elem	end of part	EOP	EOP
elevate	ELEV	elev	end of tape	EOT	EOT
elevating scraper	ELVSCPR	elvscpr	end of transmission [computers]	EOT	EOT
elevation	EL	el	end to end	EE	EE
elevator	ELEV	elev	endless tangent screw	ETS	ETS
eliminate	ELIM	elim	endstone	ESTN	estn
elliptical	ELP	elp	energize	ENRGZ	enrgz
elliptical fillet	EP	EP	energy	ENGY	engy
			engage	ENGA	enga
			engaging	ENGA	enga
			engine	ENG	eng
			engine drive	ED	ED
			engine negative torque control	ENTC	ENTC
			engine oil	EO	EO

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
engine oil pressure	ENGOILPR	engoilpr	equipment and spare parts	ESP	ESP
engine order	EOR	EOR	equipment condition analysis	ECA	ECA
engine propeller order	EPO	EPO	equivalent	EQUIV	equiv
engine room	ENGRM	ENGRM	equivalent airspeed	EAS	EAS
engine shipping order	ESO	eso	equivalent direct radiation	EDR	EDR
engine V-belt	ENGV	ENGV	equivalent focal length	EQFL	eqfl
engineer	ENGR	enr	equivalent series resistance	ESR	ESR
engineering	ENGRG	enrg	equivalent noise sideband input	ENSI	ENSI
engineering change	EC	ec	erasable programmable read-only memory	EPROM	EPROM
engineering change notice	ECN	ECN	erased	ERS	ers
engineering change order	ECO	ECO	erecting	ERCG	ercg
engineering change proposal	ECP	ECP	erection	ERECT	erect
engineering change request	ECR	ECR	erector	ERCR	ercr
engineering department sketch	EDSK	EDSK	error correction	ERRC	ERRC
engineering field change	EFC	EFC	error correction code	ECC	ECC
engineering manufacturing authorization	EMA	EMA	escape	ESC	esc
engineering notice	EN	EN	escutcheon	ESC	esc
engineering order	EO	EO	especially	ESP	esp
engineering release notice	ERN	ERN	establish	ESTAB	estab
engineering release record	ERR	ERR	estimate	EST	est
engineering sketch	ESK	ESK	estimated completion date	ECD	ECD
engineering support activity	ESA	ESA	et cetera	ETC	etc
engineering work order	EWO	EWO	ethylene oxide	EO	EO
English	ENG	Eng	evacuate	EVAC	evac
engrave	ENGRV	engrv	evacuator	EVAC	evac
enlarge	ENLG	enlg	evaluate	EVAL	eval
enlarged	ENLGD	enlgd	evaluation	EVLTN	evltn
enterprise identifier	EID	EID	evaporate	EVAP	evap
enlisted men	EM	EM	evaporator	EVAP	evap
entrance	ENTR	entr	ever-lock	EVRLK	evrlk
enumeration	ENUM	enum	examination	EXAM	exam
envelope	ENV	env	example	EX	ex
environment	ENVIR	envir	excavate	EXC	exc
environmental	ENVIR	envir	excellent	EXC	exc
environmental impact	ENI	ENI	except	EXC	exc
environmental stress screening	ESS	ESS	excessive	EXCSV	excsv
epitaxial mesa	EM	EM	exchange	EXCH	exch
epitaxial planar	EP	EP	excitation	EXC	exc
equal	EQL	eq	exciter	EXCTR	exctr
equal section	ES	ES	exclusive	EXCL	excl
equalizer	EQL	eq	execute	EXEC	exec
equally	EQL	eq	executive	EXEC	exec
equally spaced	EQLSP	eqlsp	exercise	EXER	exer
equation	EQ	eq	exhaust	EXH	exh
equilibrium	EQUIL	equil	exhaust gas recirculation	EGR	egr
equip and install	EI	EI	exhaust gas temperature	EGT	EGT
equipment category number	ECN	ECN	exhaust valve actuator	EVA	eva
equipment	EQPT	eqpt	exhaust vent	EXHV	EXHV

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
exhibit	EXH	exh	extreme high water	EHW	EHW
existing	EXST	exst	extreme low water	ELW	ELW
exit guide vane	EGV	EGV	extremely high frequency	EHF	EHF
expand	EXP	exp	extremely low frequency	ELF	ELF
expanded binary-coded decimal interchange code	EBCDIC	EBCDIC	extrude	EXTD	extd
expanded direct distance dialing	EDDD	EDDD	extrusion	EXTRN	extrn
expanded metal	EM	EM	extrusion trim and drill template	ETDT	ETDT
expansion	EXP	exp	extrusion trim template	ETT	ETT
expansion joint	EXPJT	expjt	eye guard	EGRD	EGRD
expedite	EXPED	exped	eye lens	EL	EL
expendable	EXPEN	expen	eyelet	EYLT	eylt
expense	EXP	exp	eyepiece	EYPC	eypc
experiment	EXP	exp			
experimental	EXP	exp	F		
experimental order	EXPO	EXPO	fabricate	FAB	fab
experimental testing [aircraft]	X	X	fabrication	FAB	fab
explanation	EXPL	expl	face or field of drawing	FD	FD
explode	EXPLD	expld	face to face	FF	FF
exploitation	EXPLTN	expltn	face width	FW	FW
explosion	EXPLN	expln	faceplate	FP	FP
explosion-proof	EP	EP	facility	FACIL	facil
explosive	XPL	xpl	facing	FCG	fcg
explosive device	XPLD	XPLD	facsimile	FAX	fax
explosive ordnance disposal	EOD	EOD	factor	FAC	fac
exponent	EXPNT	expnt	factory	FCTY	fcty
exponential	EXPNT	expnt	factual complier	FACT	FACT
exposed	EXP	exp	Fahrenheit	F	F
exposure	EXPSR	expsr	failure	FLR	flr
express	EXP	exp	failure rate	FR	FR
expulsion	EXP	exp	fairing	FAIR	fair
extended life coolant	ELC	elc	fairlead	FRLD	frld
extender	EXTND	extnd	fairwater planes	FWPLN	FWPLN
extension	EXT	ext	familiar	FAM	fam
exterior	EXT	ext	fan in	FNI	FNI
external	EXT	ext	fan out	FNO	FNO
external pipe thread	EPT	EPT	far side	FS	FS
extinguish	EXT	ext	fast automatic shuttle transfer	FAST	FAST
extinguisher	EXTG	extg	fast Fourier transform	FFT	FFT
extra	EX	ex	fast operate [relay]	FO	FO
extra control wire	ECWIRE	ECWIRE	fast release [relay]	FR	FR
extra fine [threads]	EF	EF	fast time constant	FTC	FTC
extra heavy	XHVV	XHVV	fastener	FSTNR	fstnr
extra strong	XSTR	XSTR	fault	FLT	flt
extracting	EXTG	extg	fault isolation test	FIT	FIT
extractor	EXTR	extr	feasible	FSBL	fsbl
extra-long wheel base	XLWB	XLWB	feather	FTR	frt
extraordinary wave	XWAVE	XWAVE	February	FEB	Feb
extreme	EXTM	extm	federal	FED	Fed

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
Federal Specification	FS	FS	filament	FIL	fil
Federal Stock Number	FSN	FSN	filament center tap	FCT	FCT
Federal Supply Catalog Identification List	FSCIL	FSCIL	filament ground	FG	FG
Federal Supply Code for Manufacturers	FSCM	FSCM	file cabinet	FC	FC
feedback	FDBK	fdbk	file finish	FF	FF
feedback positive	FP	FP	filler	FLR	flr
feedback potentiometer	FPOT	FPOT	fillet	FIL	fil
feedback resistance	FBR	FBR	filling	FILL	fill
feeder	FDR	fdr	fillister	FIL	fil
feedwater	FDW	fdw	fillister head	FILH	FILH
feedwater pump	FWP	FWP	film processing	FLMPRS	FLMPRS
feeler	FELR	felr	film sound	FLMSD	FLMSD
female	FEM	fem	filter	FLTR	FLTR
female flared	FFL	FFL	filter (comb form)	FL	fl
female pipe thread	FPT	FPT	final assembly	FA	FA
female soldered	FS	FS	final drive	FDR	fdr
female thread	FTHRD	FTHRD	final drive and axle oil	FDAO	fdao
fender	FND	fnd	final limit, down	FLDO	FLDO
ferrule-contact	FERCON	fercon	final limit, forward	FLF	FLF
fiber	FBR	FBR	final limit, hoist	FLH	FLH
fiberboard	FBRBD	fbrbd	final limit, lower	FLL	FLL
fiberboard, corrugated	FBDC	FBDC	final limit, reverse	FLR	FLR
fiberboard, double wall	FDWL	FDWL	final limit, up	FLU	FLU
fiberboard, solid	FBDS	FBDS	find number	FN	FN
fiberglass	FBRGL	fbrgl	finder	FDR	fdr
fibrous	FBRs	fbrs	finger	FGR	fgr
field	FLD	fld	finish	FNSH	fnsh
field accelerator	FAC	FAC	finish all over	FAO	FAO
field artillery	FA	FA	finish one side	F1S	F1S
field decelerator	FDE	FDE	finish specification [number]	FS	FS
field discharge	FDI	FDI	finish two sides	F2S	F2S
field dynamic braking	FDB	FDB	fin-stabilized	FS	FS
field failure	FFL	FFL	fire alarm bell	FABL	FABL
field forcing [decreasing]	FFD	FFD	fire alarm box	FABX	FABX
field forcing [increasing]	FFI	FFI	fire and bilge	FB	FB
field manual	FM	FM	fire and flushing	FF	FF
field programmable gate array	FPGA	FPGA	fire control	FC	FC
field protective	FP	FP	fire control system	FCS	FCS
field reversing	FR	FR	fire department connection	FDC	FDC
field service	FS	FS	fire door	FDR	FDR
field service modification work order	FSMWO	FSMWO	fire extinguisher	FEXT	FEXT
field support equipment	FSE	FSE	fire fighting	FF	FF
field switch	FSW	FSW	fire hose	FH	FH
field weakening	FWK	FWK	fire hose cabinet	FHC	FHC
field-effect transistor	FET	FET	fire hose rack	FHR	FHR
fighter [aircraft]	F	F	fire hydrant	fhy	FHY
figure	FIG	fig	fire main	FM	FM
			fire plug	FPL	fpl
			fire room	FRM	frm
			fire station	FS	FS

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
fire wall	FW	FW	flat trim template	FTT	FTT
firebrick	FBCK	fbck	flat washer	FLW	FLW
fireclay	FC	fc	flat work	FLWK	FLWK
fireplace	FP	fp	flat-band metallic armor [insul]	F	F
fireproof	FPRF	fprf	flatten	FLN	fln
fire-resistant	FRES	FRES	fleet ballistic missile	FBM	FBM
fire-resistant fluid	FRESFL	fresfl	flexible	FLEX	flex
firmware	FMW	fmw	flexure	FLEX	flex
first-aid box	FAB	fab	flight	FLT	flt
first-in-first-out	FIFO	FIFO	flight control ready light system	FCRLS	FCRLS
fiscal year	FY	FY	flight data entry	FLIDEN	FLIDEN
fish paper	FPPR	fppr	flight deck	FLDK	FLDK
fission	FSSN	fssn	flight space	FLSP	FLSP
fitted	FTD	ftd	flint	F	F
fitting	FTG	ftg	flip-flop	FF	FF
fixed	FXD	fxd	flip-flop complementary	FFC	FFC
fixed autotransformer	FATR	FATR	flip-flop latch	FFL	FFL
fixed point	FXP	FXP	float	FLT	flt
fixed transom	FTR	FTR	floating	FLTG	fltg
fixture	FXTR	fxtr	floating commutator	FLOCOM	FLOCOM
flag note (number)	FL	FL	floating machine shop	FMS	FMS
flagstaff	FLGSTF	flgstf	floating-point instruction set	FIS	FIS
flagstone	FLGSTN	flgstn	flood [vent]	FL	fl
flame	FLM	flm	floodlight	FLDNG	fldng
flame resistant	FLMRES	FLMRES	floor	FL	fl
flame retardant	FLMRTD	FLMRTD	floor drain	FD	FD
flameproof	FLMPRF	flmprf	floor line	FL	FL
flame-tight	FLMTT	flmtt	flooring	FLG	flg
flammable	FLMB	flmb	floppy disc	FD	fd
flange	FLG	flg	flotation	FLOT	flot
flange focal distance	FD	FD	flow control	FCONT	fcont
flapper	FLPR	flpr	flow line	FLL	FLL
flared	FLRD	flrd	flow rate	FLRT	FLRT
flared tube fitting	FTF	FTF	flow switch	FLSW	FLSW
flared tube fitting gasket seal	FTFGS	FTFGS	fluid	FL	fl
flaring	FLRG	FLRG	fluid flow	FDPL	FDPL
flash welding	FLW	FLW	fluid pressure line	FDPL	FDPL
flashing	FL	fl	fluked	FLKD	flkd
flashless	FLHLS	flhls	fluorescent	FLUOR	fluor
flashless nonhygroscopic	FNH	FNH	fluorescent penetrant inspection	FPI	FPI
flashlight	FLT	flt	flurry	FLRY	flry
flat bar	FB	FB	flush	FL	fl
flat fillister head	FFILH	FFILH	flush armor balance watertight hatch	FABWH	FABWH
flat head	FLH	FLH	flush metal threshold	FMT	FMT
flat head socket cap screw	FHSCS	FHSCS	flush mount	FLMT	FLMT
flat nose [projectile]	FN	FN	flush oiltight ventilation hole	FOVH	FOVH
flat oval	FO	FO			
flat pattern	F/P	F/P			
flat point	FP	FP			
flat tile roof	FTR	FTR			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
flush threshold	FT	FT	forging	FORG	forg
flush type	FLTP	FLTP	forked	FKD	FKD
flush value	FV	FV	form block template	FBT	FBT
flute lead	FL	FL	formation	FORM	form
fluted	FLTD	fltd	former	FRMR	frmr
fluted socket	FLUSOC	FLUSOC	formula	FORM	form
fluted socket head	FLUSOCH	FLUSOCH	formula translation	FORTAN	FORTAN
flutter	FLUT	flut	forward	FWD	fwd
flux logic element array	FLEA	FLEA	forward ballast tank	FBT	FBT
flyweight	FLYWT	flywt	forward engine room	FER	FER
flywheel	FLYWHL	flywhl	forward perpendicular	FP	FP
foam liquid	FOLQ	FOLQ	forward propagation	FPTS	FPTS
focal	FOC	foc	tropospheric scatter		
focal length	FL	FL	foundation	FDN	FDN
focus	FOC	foc	foundry	FDRY	fdry
focusing	FCSG	fcsg	four-conductor	4/C	4/c
fog foam	FOFM	FOFM	four-dimensional	4D	4d
fog oil smoke generator	FOSGEN	FOSGEN	four-pole	4P	4p
foggy	FGY	fgy	four-pole, double-throw switch	4PDTSW	4PDTSW
folding	FLDG	fldg	four-pole, single-throw switch	4PSTSW	4PSTSW
folding-fin aircraft rocket	FFAR	FFAR	four-pole switch	4PSW	4PSW
foldout	FO	fo	four-stage	4STG	4STG
follow	FOL	fol	fourth stage	4STG	4STG
following	FF	ff	four-way	4WAY	4WAY
follow-up	FLWP	flwp	four-wire	4WAY	4W
food service	FDSVC	FDSVC	foyer	FOY	foy
foot	FT	ft	fractional	FRAC	frac
foot board measure	FBM	FBM	fragment	FRAG	frag
foot per minute	FPM	FPM	fragmentation	FRAG	frag
foot per second	FPS	FPS	frame	FR	fr
foot pound force	FTLB	FTLB	frame synchronization word	FSW	FSW
foot-candle	FC	fc	framework	FRWK	frwk
footing	FTG	ftg	free aperture	FA	FA
footlambert	FL	fl	free fork height	FFH	ffh
foot-pound-second	FPS	FPS	free height	FRHGT	FRHGT
for example	EG	eg	free on board	FOB	FOB
for your information and guidance	FYIG	FYIG	free wheeling stator	FWS	fws
force	F	F	freeboard	FREEBD	freebd
forced draft	FD	FD	free-cutting brass	FCB	FCB
forced-draft blower	FDB	FBD	free-machining steel	FMS	FMS
fore and aft	FA	FA	freezer	FRZR	frzr
forecastle	FCSLE	fcsl	freezing point	FP	FP
foreign object damage	FOD	FOD	freight	FRT	frt
foreign service	FS	FS	freight supply [vessel]	FS	FS
foreman	FMAN	fman	french fry	FRFY	frfy
forepeak	FP	fp	frequency	FREQ	freq
foresight	FS	fs	frequency (comb form)	F	f
forged	FGD	fgd	frequency changer	FREQCHG	freqchg
forged steel	FST	FST	frequency converter	FREQCONV	freqconv

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
frequency division	FD	FD	fulcrum	FUL	ful
frequency division multiplex	FDM	FDM	full dog point	FDP	FDP
frequency doubler	FDBLR	FDBLR	full duplex teletype	FDTT	FDTT
frequency interference control	FIC	FIC	full field	FF	FF
frequency meter	FREQM	FREQM	full free lift	FFL	ffl
frequency modulated radar	FMR	FMR	full free triple lift	FFTL	fftl
frequency modulation	FM	FM	full hard	FH	FH
frequency of optimum operation	FOT	FOT	full indicator movement	FIM	FIM
frequency time indicator	FTI	FTI	full indicator reading	FIR	fir
frequency tracker	FT	FT	full load	FLLD	fld
frequency-shift keying	FSK	FSK	full scale	FSC	fsc
fresh water	FW	FW	full size	FS	fs
fresh water drain collecting tank	FWDCT	FWDCT	full voltage	FV	fv
fresh water pump	FWP	FWP	full wave	FW	fw
friction	FRICT	frict	full-load amperes	FLA	fla
fringe	FRNG	frng	fully automatic compiler translator	FACT	FACT
from below	FRBEL	frbel	fully heat-treated	FHT	fht
front	FR	fr	fully tapered and polished	FTP	ftp
front connection	FC	FC	fumes	FMS	fms
front end	FRTN	frtn	fumetight	FT	ft
front focal length	FFL	FFL	function	FCTN	fctn
front of board	FOB	FOB	functional configuration audit	FCA	FCA
front of dash	FD	FD	functional electronic block	FEB	feb
front shovel	FS	fs	functional schematic	FS	FS
front upset jaw	FUJ	FUJ	functional test	FT	ft
front vertex back focal distance	FVD	FVD	functional test requirement	FTR	frt
front view	FV	FV	fundamental	FUND	fund
front wheel assist	FWA	fwa	fungus proof	FP	FP
front-connected	FC	FC	funnel	FUNL	funl
frozen storage	FZSTO	fzsto	furnace	FUR	fur
fuel and defueling	FDF	FDF	furnish	FURN	furn
fuel indicator reading	FIR	FIR	furniture	FURN	furn
fuel injection line	FIL	FIL	fuse block	FB	FB
fuel injection pump	FIP	FIP	fuse box	FUBX	FUBX
fuel line	FLN	fln	fuse holder	FUHLR	fuhlrl
fuel oil	FO	FO	fuselage	FUSLG	fuslg
fuel oil pump	FOP	FOP	fuselage station	FS	FS
fuel pressure	FPR	fpr	fusible	FSBL	fsbl
fuel pump	FP	fp	fusible cutout	FSBLCUT	fsblcut
fuel ratio control	FRC	frc	fusion point	FNPT	FNPT
fuel service nozzle	FSN	FSN	future	FUT	fut
fuel tank	FTK	FTK	fuze	FZ	fz
fuel transfer pump	FTP	FTP	G		
fuel-air ratio	FARATIO	faratio	gage (gauge)	GA	ga
fueling	FLNG	flng	gage board	GABD	GABD
fueling-at-sea	FAS	FAS	gage code number	GCN	GCN
fuel-oil transfer	FOT	FOT	gain time control	GTC	GTC

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
gallery	GALL	gall	gearbox	GRBX	grbx
galley	GALY	galy	gearcase	GRC	grc
gallon	GAL	gal	gearing	GRG	grg
gallon per hour	GPH	GPH	gearshift	GRSH	grsh
gallon per minute	GPM	GPM	general	GENL	genl
gallon per second	GPS	GPS	general contractor	GENCONT	gencont
galvanic	GALV	galv	general note (number)	GN	GN
galvanize	GALV	galv	general operational requirement	GOR	GOR
galvanized iron	GALVI	galvi	general plant equipment requirements	GP	GP
galvanized steel	GALVS	galvs	general purpose	GP	gp
galvanized-steel-wire rope	GSWR	GSWR	General Services Administration	GSA	GSA
galvannealed	GALVND	galvnd	Generalized Information Retrieval and Listing System	GIRLS	GIRLS
galvanometer	GALVNM	galvnm	generated rotor	GRTR	grtr
gamma scintillation system	GSS	GSS	generation	GEN	gen
gang punch	GP	GP	generator	GEN	gen
gap-filler data	GFD	GFD	generator field	GFLD	gfld
garage	GAR	gar	geological	GEOL	geol
garbage	GBG	gbg	geomagnetism	GEOMAG	geomag
garbage in, garbage out	GIGO	GIGO	geometric dilution of precision	GDOP	GDOP
garboard	GARBD	garbd	geometric dimensioning and tolerancing	GD&T	GD&T
garnish molding	GMLDG	gmldg	geometric mean	GM	GM
garter	GTR	gtr	geometry	GMTRY	gmtry
gas admission valve	GAV	gav	German silver	GSIL	GSIL
gas amplification	GA	GA	gimbal	GMBL	gmbl
gas ejection	GE	GE	girder	G	g
gas operated	GOPR	GOPR	glass	GL	gl
gas safety	GS	gs	glass block	GLB	glb
gas start	GST	gst	glaze	GLZ	glz
gas turbine	GTRB	GTRB	glazed facing unit	GFU	GFU
gas turbine compressor	GTC	GTC	glazed structural facing unit	GSFU	GSFU
gas weld	GASW	GASW	glazed structural unit base	GSUB	GSUB
gas, nonpersistent	GNP	GNP	glazed structural units	GSU	GSU
gas, persistent	GP	GP	glazed wall tile	GWT	GWT
gaseous mixture	GM	gm	glazed wall tile base	GWTB	GWTB
gaseous oxygen	GOX	gox	glazed wallboard	GLWB	glwb
gasifier	GASFR	gasfr	glide angle	GA	GA
gasket	GSKT	gskt	glide slope	GLS	GLS
gasoline	GAS	gas	glider	GLI	gli
gasoline engine	GENG	geng	global positioning system	GPS	GPS
gasoline engine, close-coupled	GECC	GECC	globe stop valve	GSV	GSV
gasoline engine driven	GED	GED	globe valve	GLV	GLV
gasproof	GPF	gpf	glossary	GLOSS	gloss
gastight	GT	gt	glow plug	GLPG	glpg
gate [electron device]	G	G	glycerin	GLYCN	glycn
gate turnoff	GTO	GTO			
gate valve	GTV	GTV			
gear oil	GRO	gro			
gear rack	GRK	grk			
gear shaft	GRSHFT	grshft			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
gold	GLD	gld	grease nozzle	GNOZ	GNOZ
governing	GOVG	govg	grease trap	GT	GT
government	GOV	GOV	greatest common divisor	GCD	gcd
government	GOVT	govt	green	GRN	grn
government test laboratory	GTL	GTL	green	G	g
government-furnished aircraft equipment	GFAE	GFAE	green indicating lamp	GIL	GIL
government-furnished equipment	GFE	GFE	green light	GL	GL
government-furnished material	GFM	GFM	Greenwich mean time	GMT	GMT
government-furnished parts	GFP	GFP	grid leak	GDLK	GDLK
government-furnished property	GFP	GFP	grid resistor	GR	GR
Government-Industry Data Exchange Program	GIDEP	GIDEP	grid return	GRTN	GRTN
government-loaned equipment	GLE	GLE	griddle	GRDL	grdl
governor	GOV	gov	grille	GRL	grl
governor torque	GOVTOR	govtor	grind	GRD	grd
grab rod	GR	gr	grommet	GROM	grom
grade	GR	gr	groove	GRV	grv
grade ability	GRAB	grab	grooved	GRVD	grvd
grade line	GL	GL	groover	GRVR	grvr
gradient	GRAD	grad	grooving	GRVG	grvg
graduation	GRDTN	grdtm	gross	GR	gr
grain	GR	gr	gross combined weight rating	GCWR	gcwr
gram	G	g	gross vehicle weight	GVW	GVW
granite	GRAN	gran	gross weight	GRWT	GRWT
granodize	GRAN	gran	ground	GND	gnd
granolithic base	GRB	GRB	ground control center	GCC	GCC
granolithic finish floor	GFF	GFF	ground detector	GD	GD
granulated	GNLTD	gnltd	ground driven	GNDDRVN	gnddrvn
graph isomorphism tester	GIT	GIT	ground glass	GGL	GGL
graphic	GRPH	grph	ground lamp	GRLP	GRLP
graphic ammeter	GA	GA	ground mapping radar	GMR	GMR
graphic demand meter	GD	GD	ground operation equipment	GOE	GOE
graphic kilovolt-ampere meter	GVA	GVA	ground speed	GS	GS
graphic varmeter	GRVA	GRVA	ground support equipment	GSE	GSE
graphite	GPH	gph	ground zero	GZ	GZ
grapple	GRPL	grpl	ground-controlled approach	GCA	GCA
grater	GRTR	grtr	ground-controlled interception	GCI	GCI
grating	GRTG	grtg	grounded [outlet]	G	g
gravel	GVL	gvl	ground-fault interrupter	GFI	GFI
gravel-surface buildup roof	GSBR	GSBR	ground-position indicator	GPI	GPI
gravity	G	g	ground-protective [relay]	GP	GP
gray	GRA	gra	ground-to-air	GA	GA
gray	GY	gy	ground-to-ground	GG	GG
gray iron	GI	gi	group	GP	gp
grease	GRS	grs	grown diffused	GD	GD
			grown junction	GJ	GJ
			guarantee	GUAR	guar
			guaranteed minimum value	GMV	GMV
			guard	GD	gd
			guard rail	GDR	GDR

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
guidance	GDNC	gdnc	handicap	HDCP	hdcp
guide	GDE	gde	handle	HDL	hdl
guide light	GLT	glt	handling	HDLG	hdlg
guided	GDE	gde	handling room	HR	hr
guided aircraft missile	GAM	GAM	handset	HNDST	hndst
guided aircraft rocket	GAR	GAR	handshake [computers]	HDSHK	hdshk
guided missile	GM	GM	handwheel	HNDWL	hndwl
guided missile countermeasures	GMCM	GMCM	hanger	HGR	hgr
guillotine	GLTN	gltn	hanging	HNG	hng
gun carriage	GCRG	GCRG	harbor defense	HD	HD
gun metal	GMET	gmet	hard chromium	HDCR	HDCR
gun motor carriage	GMC	GMC	hard disc	HD	hd
gunnery	GUN	gun	hard-drawn	HDDRN	HDDRN
gunsight aiming point	GSAP	GSAP	harden	HDN	hdn
gusset	GUS	gus	harden and grind	HG	HG
gutter	GUT	gut	hardened voice channel	HVCH	HVCH
gymnasium	GYM	gym	hardened voice circuit	HVC	HVC
gypsum	GYP	gyp	hardness	HDNS	hdns
gypsum sheathing board	GSB	GSB	hardness assurance	HA	HA
gypsum wallboard	GWB	gwb	hardness maintenance	HM	HM
gypsum-plaster ceiling	GPC	gpc	hardness surveillance	HS	HS
gypsum-plaster wall	GPW	gpw	hardness critical item	HCI	HCI
gyrocompass	GCMP	gcmps	hardness critical process	HCP	HCP
gyroscope	GYRO	gyro	hardover	HDOV	hdov
H			hardware	HDW	hdw
halberd	HLBRD	hlbrd	hardware cloth	HDWC	hdwc
half breadth	HB	hb	hardwood	HDWD	hdwd
half dog point	1/2DP	1/2dp	harmonic	HMNC	hmnc
half wave	HW	HW	harmonic distortion	HD	HD
half-hard	1/2H	1/2h	harness	HARN	harn
half-moon	HLFM	hlfm	harness leather	HARNLTHR	harnlthr
half-round	1/2 RD	1/2 rd	harvester	HARVEST.	harvest.
halftone	HT	ht	harvester head	HH	hh
half-track	HTRK	htrk	hatch	H	h
Halpern anti-radar paint	HARP	HARP	haversine	HAV	hav
hammer	HMR	hmr	hazard beacon	HBCN	HBCN
hand (comb form)	HD	hd	hazardous	HAZ	haz
hand control	HNDCONT	hndcont	head (comb form)	H	h
hand crank	HC	HC	head and cover	H&C	h&c
hand form block	HFB	HFB	head diameter	HD	hd
hand generator	HNDGEN	hndgen	head wind	HW	hw
hand lantern	HL	HL	header	HDR	hdr
hand rail	HNDRL	hndrl	heading	HDG	hdg
hand reset	HNDRST	hndrst	headlamp	HDLMP	hdlmp
handbook	HDBK	hdbk	headless	HDLS	hdls
handhold	HH	hh	headlining	HLNG	hlng
handhole	HH	hh	headquarters	HQ	hq
			headset	HDST	hdst
			heat emergency service tanks	HEST	HEST
			heat exchange	HE	HE

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
heat shield	HTSHLD	htshld	high intensity discharge	HID.	hid.
heat sink	HTSK	htsk	high noise-immunity logic	HNIL	HNIL
heated	HTD	htd	high overlap	HOL	hol
heater	HTR	htr	high pass	HP	HP
heating	HTG	htg	high point	HPT	HPT
heating cabinet	HC	HC	high potential	HIPOT	HIPOT
heating, venting, and air conditioning	HVAC	HVAC	high potential test	HIPOTT	HIPOTT
heat-resisting	HTRES	htres	high pressure	HP	HP
heat-treat	HTTR	httr	high speed	HS	HS
heavy	HVY	hvy	high speed data link	HSDL	hsdl
heavy aircraft fuel	HAF	HAF	high temperature	HTM	HTM
heavy barrel [rifle]	HB	HB	high tensile	HTNSL	HTNSL
heavy end aviation fuel	HEAF	HEAF	high tensile strength	HTS	HTS
heavy equipment	HVYEQUIP	hvyequip	high tension	HT	HT
heavy machine gun	HMG	HMG	high voltage	HV	HV
heavy-duty	HD	HD	high-altitude platform	HAP	HAP
heel breaster	HLBR	HLBR	high-altitude terrain contour data sensor	HATCDS	HATCDS
heel line	HL	HL	high-carbon steel	HCS	HCS
heel sanding	HLSD	HLSD	high-carbon steel, heat treated	HCSHT	HCSHT
heel to heel	HH	HH	high-explosive antiaircraft	HEAA	HEAA
height	HGT	hgt	high-explosive antitank	HEAT	HEAT
height by width by length	HXWXL	HXWXL	high-explosive armor-piercing	HEAP	HEAP
height finding	HTF	HTF	high-explosive discarding sabot	HEDS	HEDS
helical	HLCL	hlcl	high-explosive incendiary	HEI	HEI
helical compression	HLCPS	hlcps	high-explosive incendiary with tracer	HEIT	HEIT
helical extension	HLEXT	hlext	high-explosive plastic	HEP	HEP
helicopter	HLCPTR	hlcptr	high-explosive ramjet	HERJ	HERJ
helipotentiometer	HPOT	hpot	high-explosive rocket-assisted	HERA	HERA
helix angle	HLXA	hlxa	high-explosive spotting	HES	HES
helper	HLP	hlp	high-explosive with tracer	HET	HET
henry	H	H	high-frequency current	HFCUR	HFCUR
hermetic sealed container	HSC	HSC	high-frequency oscillator	HFO	HFO
herringbone	HGBN	hgbn	high-grade plow steel	HGPS	HGPS
hertz	Hz	Hz	high-level language [computers]	HLL	HLL
heterodyne	HET	het	highline	HL	hl
hexachloroethane	HC	hc	high-pass filter	HPFL	HPFL
hexagon	HEX	hex	high-power acquisition radar	HIPAR	HIPAR
hexagonal head	HEXHD	hexhd	high-pressure steam	HPS	HPS
hexagonal socket	HEXSOC	hexsoc	high-pressure test	HPT	HPT
hexagonal socket head	HEXSOCH	hexsoch	high-speed reader	HSR	HSR
high altitude	HA	HA	high-speed steel	HSS	HSS
high capacity [projectile]	HC	HC	high-tensile cast iron	HTCI	HTCI
high carbon	HC	HC	high-tensile steel	HTS	HTS
high explosive	HE	HE	high-threshold logic	HTL	HTL
high fidelity	HIFI	HIFI			
high frequency	HF	HF			
high humidity	HIHUM	HIHUM			
high impact	HIMP	HIMP			
high intensity	HINT	HINT			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
high-velocity, aircraft rocket	HVAR	HVAR	horsepower	HP	hp
high-velocity, armor-piercing	HVAP	HVAP	horsepower-hour	HPHR	HPHR
high-velocity, target practice	HVTP	HVTP	hose bib	HB	HB
high-voltage regulator	HVR	HVR	hose clamp	HC	HC
high-water line	HWL	HWL	hose connector	HCONN	HCONN
highway	HWY	hwy	hose rack	HR	HR
hinge	HNG	hng	hose thread	HSTH	HSTH
hinge jaw	HJ	HJ	hospital	HOSP	hosp
hinge line	HL	HL	hot brine pump	HBPUMP	HBPUMP
hinge pillar	HPLR	HPLR	hot finished	HF	hf
hinged plotting board	HPB	HPB	hot finished surface	HFS	hfs
hinged seat	HS	HS	hot finished surface, scale free	HFSSF	hfssf
hoist	HST	hst	hot leg	HLG	HLG
hold off generator	HOGEN	HOGEN	hot side	HSD	HSD
hold switch	HOLDSW	holdsw	hot tin	HT	HT
holddown	HLDN	hldn	hot water	HW	HW
holder	HLDR	hldr	hot water, circulating	HWC	HWC
holding	HLDG	hldg	hot well	HWL	hwl
holding coil	HC	HC	hot-galvanize	HGALV	HGALV
holding fixture	HF	HF	hot-press	HP	HP
hole (p)-type semiconductor material	P	P	hot-rolled	HR	HR
hollow	HOL	hol	hot-rolled steel	HRS	HRS
hollow metal	HM	hm	hot-rolled, pickled, and oiled	HRPO	HRPO
hollow metal door and frame	HMDF	HMDF	hot-water heater	HWH	HWH
hollow tile	HT	HT	hour	HR	hr
homing	HOM	hom	house	HSE	hse
hone-finish monolithic floor	HFMF	HFMF	household	HSHLD	hshld
honeycomb	HNYCMB	hnycmb	housing	HSG	hsg
honorary	HON	hon	hovering	HVRNG	hvrng
hook rail	HR	HR	howitzer	HOW	how
hookup	HKP	hkp	howitzer motor carriage	HMC	HMC
hopper	HPR	hpr	howler	HW	hw
horizon	HRZN	hrzn	humid	HMD	hmd
horizon scanner	HSC	HSC	humidity	HMD	hmd
horizon sensor	HS	HS	hunting	HNTG	hntg
horizontal	HORIZ	horiz	hybrid	HYB	hyb
horizontal (comb form)	H	h	hybrid digital-analog and pulse time	HYDAPT	HYDAPT
horizontal center line	HCL	HCL	hybrid electromagnetic wave	HEMW	HEMW
horizontal impulse	HZMP	HZMP	hybrid microelectronic assembly	HMA	hma
horizontal impulse reaction	HIR	HIR	hybrid microelectronic device	HYBMED	HYBMED
horizontal location of center of gravity	HCG	HCG	hydrated	HYDTD	hytdt
horizontal reaction	HZRN	HZRN	hydraulic	HYDR	hydr
horizontal reference line	HRL	HRL	hydraulic clean	HC	HC
horizontal shear	HS	HS	hydraulic cylinder repair stand	HCS	hcs
horizontal tabulation	HT	HT	hydraulic excavator	HEX	hex
horizontal volute spring suspension	HVSS	HVSS	hydraulic oil	HO	ho
horn fiber	HNDFBR	hndfbr	hydraulic oil temperature	HOT.	Hot.
horn gap switch	HGSW	HGSW	hydrocyanic acid	HCN	HCN

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
hydroelectric	HYDRELC	hydrelec	illustrated parts data	IPD	ipd
hydro-form die	HFD	HFD	image, storage translation, and reproduction	ISTAR	ISTAR
hydrogen-ion concentration	pH	pH	imaginary	IMAG	imag
hydro-mechanical governor	HMG	hmg	imitation	IMIT	imit
hydro-mechanical shutoff	HMSO	hmsso	immediate	IMMED	immed
hydrometer	HYDM	hydmm	immersion	IMRS	imrs
hydrophone	HYPH	hyph	impact	IMP	imp
hydrostatic	HYDRST	hydrst	impedance	IMPD	impd
hydrostatic drive system	HDS	hds	impedor	IMPR	impr
hydrostatic power unit	HPU	hpu	impeller	IMPLR	implr
hyperbola	HYPERB	hyperb	imperfect	IMPF	impf
hyperbolic secant	SECH	sech	imperial	IMPRL	imprl
hyperbolic sine	SINH	sinh	impingement	IGMT	igmt
hyperbolic tangent	TANH	tanh	implement	IMPLR	impl
hyperfine structure	HFS	HFS	impose	IMPS	imps
hypergolic clean	HGC	hgc	impregnate	IMPRG	imprg
hypervelocity, armor-piercing	HVAP	HVAP	impression	IMPRSN	imprsn
hypervelocity, armor-piercing discarding sabot	HVAPDS	HVAPDS	improved plow steel	IMPPS	IMPPS
hypervelocity, target practice	HVTP	HVTP	improvement	IMPROV	improv
hypervelocity, target practice, discarding sabot	HVTPDS	HVTPDS	impulse	IMPLS	impls
hypotenuse	HYP	hyp	impulse conductor	IC	IC
hypothetical	HYPOTH	hypoth	in accordance with	IAW	IAW
I			in the place cited	LOCCIT	loccit
ice cream	ICRM	icrm	inboard	INBD	inbd
ice cuber	ICBR	icbr	incandescent	INCAND	incand
ideal low-pass filter	ILPFL	ILPFL	incendiary	INCND	incnd
identification	IDENT	ident	incendiary bomb	IB	IB
identification beacon	IBCN	ibcn	inch	IN	in
identification cross-reference drawing	ICRD	ICRD	inch per second	IPS	IPS
identification friend or foe	IFF	IFF	inch-ounce	INOZ	INOZ
identification friend or foe switching	IFFS	IFFS	inch-pound	INLB	inlb
identification light	IDLT	idlt	incinerator	INCIN	incin
identification number	IDNO	idno	inclined	INCLN	incln
identification of position	IP	IP	inclined ladder	IL	IL
identified foe	IDFO	IDFO	inclosure	INCLS	incls
identify	IDENT	ident	include	INCL	incl
idler	IDL	idl	inclusive	INCL	incl
ignition	IGN	ign	incoherent	INCOH	incoh
ignitor	IGNTR	igntr	incoming	INCM	incm
ignitron	IGN	ign	incomplete	INCOMP	incomp
illuminate	ILLUM	illum	incomplete sequence [relay]	IS	IS
illuminating [projectiles]	SS	ss	incorporated	INC	INC
illustrate	ILLUS	illus	incorrect	INCOR	incor
illustrated parts breakdown	IPB	IPB	increase	INCR	incr
illustrated parts catalog	IPC	IPC	increment	INCR	incr
			incubator	INCBR	incbr
			indent	INDT	indt
			indentured data list	ID	ID
			indentured parts list	IPL	IPL

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
independent	INDEP	indep	infrared countermeasures	IRCM	IRCM
indeterminate	INDET	indet	infrared maser	IRASER	IRASER
index	IDX	idx	infrared monochromatic radiation	IRMRA	IRMRA
index list	IL	IL	ingot	IGT	igt
indicate	IND	ind	inhibit	INHB	inhb
indicated airspeed	IAS	IAS	inhibit halt flip-flop	IHFF	IHFF
indicated horsepower	IHP	ihp	initial	INIT	init
indicated horsepower-hour	IHPH	IHPH	initial graphics exchange specification	IGES	IGES
indicated mean effective pressure	IMEP	IMEP	initial velocity	IV	IV
indicated parts data	IPD	ipd	initiation	INIT	init
indicating lamp	INDLP	indlp	inject	INJ	inj
indicator driver	ID	ID	injection	INJ	inj
indicator-transmitter	INDTR	INDTR	injector	INJ	inj
indirect waste	IW	iw	inlet	INL	inl
indirectly	IDRTY	idrtv	inlet and outlet	IO	IO
individually	INDV	indv	inlet and outlet head	IOH	IOH
induced draft	ID	ID	inlet guide vane	IGV	IGV
inductance	IND	ind	inlet manhole	IMH	IMH
inductance (comb symbol)	L	L	inlet valve actuator	IVA	iva
inductance regulator	INDREG	indreg	inner	INR	inr
inductance-capacitance	LC	LC	inner back end	IBE	IBE
inductance-capacitance-resistance	LCR	LCR	inner bottom	IB	IB
induction	IND	ind	inner front end	IFE	IFE
induction compass	ICMPS	ICMPS	inner keel	IK	IK
inductor	IDCTR	idctr	inoperative	INOP	inop
inductosyn	ISYN	isyn	inorganic	INORG	inorg
industrial	INDL	indl	input	INP	inp
industrial service	IS	IS	input translator	INXLTR	INXLTR
industry	IND	ind	input-output	IO	IO
inert	INRT	inrt	input-output buffer	IOB	IOB
inert filler	INRTFLR	INRTFLR	input-output element	IOE	IOE
inert gas	INRTG	INRTG	input-output register	IOR	IOR
inertial	INRTL	inrtl	inquiry	INQ	inq
inertial demand servomotor	IDSM	IDSM	inscription	INSC	insc
inertial guidance	IG	IG	insect screen	IS	IS
inertial guidance system	IGS	IGS	insecticide	ICTCD	ictcd
inertial measurement unit	IMU	IMU	inseparable	INSEP	insep
inertialess scanning, tracking, and ranging	INSTAR	INSTAR	insert	INSR	insr
inference	INFRN	infrn	insert character	INSCHAR	inschar
infinite	INF	inf	insert screw thread	INST	INST
infinity	INF	inf	inside	INS	ins
inflatable	IFL	ifl	inside diameter	ID	ID
inflating-deflating	IFLDFL	IFLDFL	inside frosted	IF	IF
information	INFO	info	inside layer	IL	IL
information retrieval center	IRC	IRC	inside mold line	IML	IML
information sort and predict	ISAP	ISAP	inside of metal	IM	IM
infrared	IR	IR	inside radius	IR	IR
infrared acquisition radar	IRACQR	IRACQR	inside trim template	ITT	ITT

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
insignia	ISGN	isgn	integrated time and absolute error	ITAE	ITAE
insoluble	INSOL	insol	integrating	INTEG	integ
inspect	INSP	insp	intelligence	INTEL	intel
inspection check fixture	ICF	ICF	intensity	INTEN	inten
inspection check template	ICT	ICT	intensive-care unit	ICU	ICU
install	INSTL	instl	intercept	INTCP	intcp
installation	INSTL	instl	interceptor [aircraft]	F	F
installation and maintenance	IM	IM	interceptor missile	IM	IM
installer	INSTLR	instlr	interchangeability/ replaceability	I/R	I/R
instantaneous	INST	inst	interchangeable	INTCHG	intchg
instantaneous automatic gain control	IAGC	IAGC	interchangeable solid and screen panels	IP	IP
instantaneous automatic volume control	IAVC	IAVC	interchanger	INTCHGR	intchgr
instantaneous overload	IOL	IOL	intercommunication	INTERCOM	intercom
instantaneous relay	INSTRLY	instrly	intercommunication [short form]	ICM	icm
institute	INST	inst	intercommunication drum	ICDRUM	ICDRUM
instruct	INSTR	instr	intercommunication system	ICS	ICS
instruction book	IB	IB	interconnection	INTCON	intcon
instruction card	IC	IC	intercontinental ballistic missile	ICBM	ICBM
instruction folder	IF	IF	intercooler	INCLR	inclr
instruction leaflet	IL	IL	intercylinder	INTCYL	intcyl
instruction plate	IP	IP	interface	INTFC	intfc
instruction pulse	IP	IP	interface control	INT	INT
instruction tag	IT	IT	interface control drawing	ICD	ICD
instrument	INSTR	instr	interference	INTRF	INTRF
instrument flight rules	IFR	IFR	intergovernmental	INTERGOVT	INTER- GOVT
instrument landing approach	ILA	ILA	interim scroll fuel system	ISFS	isfs
instrument landing approach system	ILAS	ILAS	interior	INTR	intr
instrument landing system	ILS	ILS	interior communication	IC	IC
instrument panel	INSTPN	INSTPN	interior communication and fire control distribution	ICFCD	ICFCD
instrumentation	INSTM	instm	interlock	INTLK	intlk
insufficient	INSUF	insuf	intermediate	INTMD	intmd
insulate	INSUL	insul	intermediate distributing frame	IDF	IDF
insulated-gate field-effect transistor	IGFET	IGFET	intermediate frequency	IF	IF
insulating transformer	IT	IT	intermediate missile	IM	IM
insulation resistance	IR	IR	intermediate power amplifier	IPA	IPA
insulation specification	ISPEC	ISPEC	intermediate pressure	IP	IP
insulation test specification	ITS	ITS	intermediate voltage	IV	IV
insure	INS	ins	intermediate-range ballistic missile	IRBM	IRBM
intake	INTK	intk	intermittent	INTMT	intmt
integral	INT	int	intermittent commercial and amateur service	ICAS	ICAS
integrated circuit	IC	IC	intermittent duty	IDTY	IDTY
integrated data processing	IDP	IPD	intermodulation distortion	IMD	IMD
integrated injection logic	IIL	IIL			
integrated passive-action detection and acquisition equipment	IPADAE	IPADAE			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text
internal	INTL	intl
internal combustion	IC	IC
internal combustion engine	ICE	ICE
internal connection	INTCON	intcon
internal diameter	ID	ID
internal pipe thread	IPT	IPT
international	INTL	intl
International Annealed Copper Standard	IACS	IACS
International Critical Tables	ICT	ICT
international direct distance dialing	IDDD	IDDD
International Organization for Standardization	ISO	ISO
international pipe standard	IPS	IPS
international standard thread	IST	IST
International System of Units [metric]	SI	SI
interoffice memorandum	IOM	IOM
interphase transformer	INTPHTR	INTPHTR
interphone	INTPH	intph
interphone control station	ICS	ICS
interpolation	INTRPL	intrpl
interpole	INTPO	intpo
interpost	IP	ip
interpret	INTPR	intrpr
interpupillary	INTRPLRY	intrplyr
interrogate	INTRG	intrg
interrogator-responder	IR	IR
interrogator-transponder	IT	IT
interrupt	INTRPT	intrpt
interrupt control register	INCR	INCR
interrupted continuous wave	ICW	ICW
interrupter [relay]	INTRPT	int
intersect	INT	intsct
inter-ship	INTSHP	intshp
interstage	INTSTG	intstg
interval	INTVL	intvl
intervalometer	INTVLM	intvlm
intricate	INTRC	intrc
intrinsic (i)-type semiconductor material	I	I
introduction	INTRO	intro
invariant	INVAR	invar
inventory	INVN	invn
inventory schedule	IS	IS
inverse	INVS	invs
inverse cosecant	ARCCSE	arccse
inverse cosine	ARCCOS	arccos
inverse cotangent	ARCCOT	arccot
inverse secant	ARCSEC	arcsec

Term	Drawings	Text
inverse sine	ARCSIN	arcsin
inverse tangent	ARCTAN	arctan
inverse time limit	ITL	ITL
inverse time relay	ITR	ITR
invert	INVT	invt
inverter	INV	inv
involute	INVLТ	invlt
inward	INWD	inwd
ion chamber	IC	IC
ionosphere	IONO	iono
iron pipe	IP	IP
iron pipe size	IPS	IPS
iron pipe thread	IPT	IPT
iron-body bronze-mounted	IBBM	IBBM
iron-core reactor	ICR	ICR
ironing board	IB	IB
irregular	IRREG	irreg
island	IS	is
isolate	ISOL	isol
isolated-gate field-effect transistor	IGFET	IGFET
isolation	ISLN	islн
isolation ward	ISLNWD	islнwd
isometric	ISO	iso
isosceles	ISOS	isos
issue	ISS	iss
item identification	II	ii
item reduction studies	IRS	IRS
item unique identification	IUID	IUID
J		
jacket	JKT	jkt
jacket water	JW	JW
jackscrew	JKSCR	jksсr
jamming	JAMG	jamg
janitor's closet	JC	JC
January	JAN	Jan
japanned	JAP	jap
jet propelled	JP	JP
jet-assisted takeoff	JATO	JATO
jettison	JTSN	jtsn
jig template	JT	JT
job order	JO	JO
joggle	JOG	jog
joiner	J	j
joiner pilaster fumetight	JPFT	JPFT
joiner pilaster nontight	JPNT	JPNT
joint	JT	jt
Joint Army-Navy	JAN	JAN

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
Joint Army-Navy-Air Force	JANAF	JANAF	knock down	KD	KD
joint bar	JTB	JTB	knockout	KO	ko
joint compound	JC	JC	Koroseal	KRAL	kral
joints	NPSM	npsm			
joists and planks	JP	JP	L		
journal	JNL	jnl	label	LBL	lbl
joystick	JSTICK	jstick	laboratory	LAB	lab
July	JUL	Jul	labyrinth	LBYR	lbyr
junction	JCT	jct	labyrinth pack	LBYRPK	LBYRPK
junction box	JB	JB	lacquer	LAQ	laq
junction field-effect transistor	JFET	JFET	ladder	LAD	lad
June	JUN	Jun	ladder rung	LR	LR
junior	JR	jr	lagging	LAC	lag
just not noticeable difference	JNND	JNND	laminate	LAM	lam
just noticeable difference	JND	JND	lamp holder	LPHLDR	lphldr
			lampblack	LMPBLK	lmpblk
K			landing	LDG	ldg
Kalamein	KAL	kal	landing gear	LDGGR	ldggr
Kalamein door	KALD	KALD	landing observer signal system	LOSS	LOSS
Kalamein door and frame	KDF	KDF	landing signal wand light	LSWLT	lswlt
Keene's cement plaster	KCP	KCP	landmark	LDMK	ldmk
Keene's cement plaster ceiling	KCPC	KCPC	lantern	LTRN	ltrn
keeping	KPG	kpg	lanyard	LNYD	lnyd
kelvin	K	K	lapping	LPG	lpg
kerosene	KRSN	krsn	large	LGE	lge
key characteristic	KC	KC	large artificial neuron network	LANNET	LANNET
key locker	KL	kl	large tug	LT	lt
key pulsing	KPLS	KPLS	large-scale hybrid integration	LSHI	LSHI
keyboard	KYBD	kybd	large-scale integration	LSI	LSI
keypunch	KP	kp	laser detection and ranging	LADAR	LADAR
keyseat	KST	kst	lashing	LSHG	lshg
keyway	KWY	kwy	last-in-first-out	LIFO	LIFO
kick out	KOUT	kout	latch	LCH	lch
kick plate	KPL	KPL	latch checking switch	LCSW	LCSW
kick plate & drip	KPD	KPD	lateral	LATL	latl
kickoff [relay]	KO	ko	latitude	LAT	lat
kickpipe	KP	kp	lattice	LTC	ltc
kiln-dried	KD	kd	launch	LANH	lanh
kilogram	kg	kg	launch and control center	LCC	LCC
kilovolt-ampere hour	KVAH	KVAH	launcher	LCHR	lchr
kilovolt-ampere hour meter	KVAHM	KVAHM	launcher site	LS	LS
kilovolt-ampere meter	KVAM	KVAM	laundry	LAU	lau
kilowatt-hour meter	KWHM	KWHM	laundry chute	LC	LC
kinescope	KINE	kine	laundry tray	LT	LT
kinetic energy	KE	KE	lavatory	LAV	lav
knee brace	KB	KB	lawn faucet	LF	LF
knife blade	KNBL	KNBL	layer	LYR	lyr
knife switch	KNSW	KNSW			
knife-edge	KNED	KNED			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
layout	LYT	lyt	life jacket	LJ	LJ
lead angle	LA	LA	life preserver	LPSVR	LPSVR
lead-coated metal	LCM	LCM	lifeboat	LB	lb
lead-covered	LC	LC	life-cycle survivability	LCS	LCS
leader	LDR	ldr	lifeline	LFLN	LFLN
leading	LD	ld	lifesaving	LSVG	lsvg
leading edge	LE	LE	lifting	LFT	lft
leading edge radius	LER	LER	lifting eye	LE	LE
leakage	LKG	lkg	lift-up door	LUD	LUD
leakoff	LOFF	loff	light	LT	lt
least common multiple	LCM	LCM	light amplification by stimulated emission of radiation	LASER	laser
least material boundary	LMB	LMB	light case	LC	LC
least material condition	LMC	LMC	light distribution box	LDB	LDB
leather	LTHR	lthr	light lock	LL	LL
leaves	LVS	lvs	light switch	LTSW	LTSW
left arithmetic element	LAE	LAE	light tank	LTTK	LTTK
left bank	LBK	lbk	light trap	LT	LT
left buttock line	LBL	LBL	light-activated semiconductor controlled rectifier	LASCR	LASCR
left hand	LH	LH	light-duty	LD	ld
left male	LM	LM	light-emitting diode	LED	LED
left side	LS	LS	lightening	LTG	ltg
left-hand drive	LHDR	LHDR	lightening hole	LTGH	LTGH
left-hand side	LHS	LHS	lighter-than-air	LTA	LTA
left-right indicator	LRI	LRI	light-gun pulse generator	LGG	LGG
length	LG	lg	lighting	LTG	ltg
length between perpendiculars	LBP	LBP	light-intensity detector	LTID	LTID
length of chord	LC	LC	lightning arrester	LA	LA
length of curve	LCRV	LCRV	lightning hole	LGTH	LGTH
length of lead [actual]	LOL	LOL	light-optic microscope	LOM	LOM
length overall	LOA	LOA	lightproof louver	LPL	LPL
lengthening	LNG	lng	lightproof shade	LPS	LPS
length-to-diameter ratio	LGD	LGD	lightproof vent	LPV	LPV
lens board	LNBD	lnbd	lightweight concrete	LWC	LWC
lens speed	LNBP	lnsp	lightweight insulating concrete	LWIC	LWIC
letter	LTR	ltr	lignum vitae	LGNMVTE	LGNMVTE
letter box	LB	LB	limber	LIM	lim
lettering	LTR	ltr	limestone	LS	ls
letterpress	LTRPRS	ltrprs	limit	LIM	lim
level	LVL	lvl	limit switch	LIMSW	LIMSW
level detector	LDET	LDET	limited	LTD	ltd
level discriminator	LDISCR	LDISCR	limited-space-charge accumulation [microwaves diodes]	LSA	LSA
levelometer	LEVMETr	levmetr	limiter	LMTR	lmtr
lever	LVR	lvr	limiting	LMTG	lmtg
lewisite	L	l	line (comb form)	L	l
liaison [aircraft]	L	l			
liberty	LBRT	lbrt			
library	LBRY	lbry			
license	LIC	lic			
life float	LF	LF			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
line amplifier and super sync mixer	LASSM	LASSM	load ratio	LR	LR
line drawing	LD	LD	load shifting resistor	LSR	LSR
line printer	LPTR	LPTR	load waterline	LWL	LWL
line receiving amplifier	LRA	LRA	load, update, subset	LUS	LUS
line replaceable unit	LRU	LRU	load-compensating [relay]	LC	LC
lineal	LIN	lin	loader	LDR	LDR
linear	LIN	lin	load-indicating relay	LIRLY	LIRLY
linear detonating card	LDC	LDC	loading	LDR	ldr
linear integrated circuit	LIC	LIC	loading and packaging	LAP.	lap.
line-carrying	LC	LC	load-limiting resistor	LLRES	LLRES
line-drop compensator	LDC	LDC	load-ratio control	LRC	LRC
line-of-sight	LOS	LOS	load-resistor [relay]	LR	LR
lining	LNG	lng	local	LCL	lcl
linkage	LKGE	lkge	local apparent time	LAPT	LAPT
linoleum	LINOL	linol	local area network	LAN	lan
linoleum base	LB	LB	local automatic message accounting	LAMA	LAMA
linoleum floor	LF	LF	local oscillator	LO	LO
lintel	LNTL	Intl	local sidereal time	LSDT	LSDT
liquefied natural gas	LNG	lng	local standard time	LST	LST
liquefied petroleum	LP	lp	localizer	LOC	loc
liquefied petroleum gas	LPG	lpg	locate	LCT	lct
liquefied petroleum safety	LPS	lps	lock pillar	LPLR	LPLR
liquid	LIQ	liq	lock screw	LKSCR	lkscr
liquid additive system	LAS	las	lock washer	LKWASH	LKWASH
liquid fuel	LIQFL	LIQFL	locked	LKD	lkd
liquid in glass	LQGLS	LQGLS	locked closed	LKDC	LKDC
liquid oxygen	LOX	LOX	locked in device	LID	LID
liquid petroleum gas	LPG	LPG	locked open	LKDO	LKDO
liquid rocket	LR	LR	locked rotor	LKROT	LKROT
liquid-crystal display	LCD	LCD	locked-rotor amperes	LRA	LRA
liquidometer	LQMETER	lqmetr	locker	LKR	lkr
liquid-rocket engine	LRE	LRE	locking	LKG	lkg
liquor	LQR	lqr	locknut	LKNT	lknt
list of material	LM	LM	locknut pipe thread	NPSL	NPSL
list of specifications and standards	LSST	LSST	lock-on	LO	LO
liter	L	L	lockout	LKO	lko
literature	LIT	lit	locksmith	LSMITH	lsmith
literature pack	LITPK	litpk	lockup	LKUP	lkup
lithograph	LITHO	litho	lock-up clutch	LKUCL	lkucl
litter	LIT	lit	lockwire	LKWR	lkwr
litter hook	LH	LH	locomotive	LOCO	loco
live load	LL	LL	locus of radius	LR	LR
lizard	LIZ	liz	locust	LCT	lct
load carrier	LC	LC	loft line	LL	LL
load center	LC	LC	log skidder	LGSK	lgsk
load control valve	LCV	lcv	logarithm	LOG	log
load factor [tabular]	LF	LF	logarithm [natural]	LN	ln
load list	LL	LL	logarithmic amplifier	LOAMP	LOAMP
			logging special	LS	ls

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
magnaflux	M	m	major	MAJ	maj
magnesium	MAG	mag	makeup	MKUP	mkup
magnesium-thorium	MAGTHOR	magthor	makeup feed	MUFD	MUFD
magnet	MAG	mag	male and female	MF	MF
magnetic	MAG	mag	male flared	MFLRD	MFLRD
magnetic amplifier	MAGAMP	MAGAMP	male pipe thread	MPT	MPT
magnetic armature	MG	mg	male threaded	MTHRD	MTHRD
magnetic core memory	MCM	MCM	malfunction	MALF	malf
magnetic ink character recognition	MICR	MICR	malleable	MAL	mal
magnetic mine sweeping	MMS	MMS	malleable iron	MI	MI
magnetic modulator	MAGMOD	MAGMOD	man overboard and breakdown light	MOBLT	MOBLT
magnetic particle inspection	MPI	MPI	management	MGT	mgt
magnetic tape	MT	MT	manager	MGR	mgr
magnetic-ink character recognition	MICR	MICR	managing	MNG	mng
magneto	MGN	mgn	mandrel	MDRL	mdrl
magnetohydrodynamic	MHD	mhd	maneuvering	MANUV	manuv
magnetometer	MGTMTTR	mgmttr	manhole	MH	mh
magnetomotive force	MMF	MMF	manhole cover	MC	MC
magnetostriction	MS	ms	manifold	MANF	manf
magnetron	MAGN	magn	Manila [rope]	M	m
magnify	MGF	mgf	manual	MNL	mnL
magnitude	MAGTD	magtd	manual change order	MCO	MCO
mahogany	MAH	mah	manual change request	MCR	MCR
mail chute	MCH	MCH	manual data input function	MDIF	MDIF
mail tray	MT	MT	manual gain control	MGC	MGC
mailbox	MB	mb	manual overload	MANOVL	MANOVL-D
main ballast tank	MBT	MBT	manual volume control	MVC	MVC
main bang suppressor	MBS	MBS	manually operated	MNLOPR	MNLOPR
main battery [guns]	MB	MB	manufacture	MFR	mfr
main battle tank	MBT	MBT	manufactured	MFD	mfd
main control tank	MCT	MCT	manufacturing	MFG	mfg
main coolant	MC	MC	manufacturing information	MFGINFO	MFGINFO
main distributing frame	MDF	MDF	manufacturing instruction	MI	MI
main feed	MF	MF	manuscript	MS	ms
main frame	MNFRM	MNFRM	marble	MR	mr
main landing gear	MLG	MLG	marble base	MRB	MRB
maintenance	MAINT	maint	marble floor	MRF	MRF
maintenance and repair	MR	MR	marble threshold	MRT	MRT
maintenance and supply	MS	MS	March	MAR	Mar
maintenance engineering analysis record	MEAR	MEAR	margin	MARG	marg
maintenance ground equipment	MGE	MGE	marginal [relay]	MGL	mgl
maintenance of close contact	MCC	MCC	marine	MAR	Mar
maintenance of true bearing	MTB	MTB	marine-finish slate	MFS	MFS
maintenance parts kit	MPK	MPK	mark sensing	MS	MS
maintenance parts list	MPL	MPL	marked	MKD	mkd
maintenance support equipment	MSE	MSE	marker	MKR	mkr
			markings	MKGS	mkgs
			masking	MASK	mask

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
mason operated	MO	MO	mean aerodynamic chord	MAC	MAC
masonite hydropress die	MHPD	MHPD	mean effective pressure	MEP	MEP
masonry	MSNRY	msnry	mean flight hours between failure	MFHBF	MFHBF
mast hull loop	MHL	MHL	mean high tide	MHT	MHT
master	MA	ma	mean high water	MHW	MHW
master change record	MCR	MCR	mean higher high water	MHHW	MHHW
master cross-reference list	MCRL	MCRL	mean low tide	MLT	MLT
master data record	MDR	MDR	mean low water	MLW	MLW
master layout duplicate	MLD	MLD	mean lower low water	MLLW	MLLW
master layout original	MLO	MLO	mean sea level	MSL	MSL
master lines layout	MLL	MLL	mean tide	MT	MT
master makeup and display	MMD	MMD	mean time	MT	MT
master oscillator	MO	MO	mean time between failures	MTBF	MTBF
master oscillator power amplifier	MOPA	MOPA	mean time to failure	MTTF	MTTF
master sensitized material print	MSMP	MSMP	mean time to first failure	MTTFF	MTTFF
master switch	MSW	MSW	mean time to repair	MTTR	MTTR
master synchronizer	MSYNC	MSYNC	mean up time	MUT	MUT
masthead	MHD	mhd	mean variation	MV	MV
masthead light	MHDLT	mhdlt	mean width ratio	MWR	MWR
mastic	MSTC	mstc	measure	MEAS	meas
mastic floor	MF	MF	mechanical	MECH	mech
mastic joint	MJ	MJ	mechanical buffer register	MBR	MBR
matched	MTCHD	mtchd	mechanical time fuze	MTF	MTF
material	MATL	matl	mechanical time, superquick	MTSQ	MTSQ
material handling	MH	mh	mechanical unit injector	MUI	mui
material list	ML	ML	mechanically cooled	MCHCL	MCHCL
material test specification	MTS	MTS	mechanically refrigerated	MCHRF	MCHRF
mathematical	MATH	math	mechanism	MECH	mech
mathematics	MATH	math	mechanize	MECZ	mecz
matrix	MAT	mat	median	MDN	mdn
matrix output amplifier	MOA	MOA	medical	MED	med
matt-finish structural facing units	MFSFU	MFSFU	medicine cabinet	MC	MC
mattress	MTRS	mtrs	medium	MDM	mdm
maximum	MAX	max	medium frequency	MF	MF
maximum available power gain	MAPG	MAPG	medium high frequency	MHF	MHF
maximum capacity	MAXCAP	maxcap	medium pressure	MP	MP
maximum design meter	MDM	MDM	medium-range ballistic missile	MRBM	MRBM
maximum flight	MAXFLT	MAXFLT	megabyte	MEG	meg
maximum fork height	MFH	mfh	melamine	MEL	mel
maximum material boundary	MMB	MMB	melting point	MP	MP
maximum material condition	MMC	MMC	member	MBR	mbr
maximum permissible exposure	MPE	MPE	membrane	MEMB	memb
maximum torque	MT	MT	membrane waterproofing	MWP	MWP
maximum usable frequency	MUF	MUF	memorandum	MEMO	memo
maximum working pressure	MWP	MWP	memory	MEM	mem
maximum working voltage	MWV	MWV	memory allocation and protection unit	MAPU	MAPU
			memory point	MEMPT	MEMPT
			memory test computer	MTC	MTC

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
merchandise	MDSE	mdse	metal-oxide-semiconductor transistor	MOST	MOST
merchantable	MERCH	merch	metal-thick-oxide silicon	MTOS	MTOS
mercurial	MRCL	mrcl	meteorological	METRL	metrl
mercury arc	MA	MA	meter (instr, comb form)	M	m
meridian	MER	mer	meter [instrument]	MTR	mtr
meshing	MSHG	mshg	metering	MTR	mtr
message	MSG	msg	meter-kilogram-second	MKS	MKS
message generator	MSGG	MSGG	method	MTHD	mthd
messenger	MESS	mess	methyl-violet paper	MVP	MVP
metacenter	M	m	mezzanine	MEZZ	mezz
metacentric height	GM	gm	microammeter	MCAM	mcam
metal	MET	met	microcircuit	MCKT	mckt
metal anchor	MA	MA	microcomputer	MCMPTTR	mcmpttr
metal anchor slots	MAS	mas	microcurrent	MCKT	mckt
metal awning-type window	MATW	MATW	microelectronic device	MED	MED
metal base	METB	METB	microelectronics	MELEC	melec
metal casement window	MCW	MCW	microelement	MELEM	melem
metal casting pattern	MCP	MCP	microfilm	MF	mf
metal corner bead	MCB	MCB	microfunctional circuit	MFC	mfc
metal curb	METC	METC	micrometer	MIC	mic
metal door	METD	METD	microminiature	MMIN	mmin
metal flashing	METF	METF	micromodule	MMOD	mmod
metal gravel stop	MGS	MGS	microphone	MIC	mic
metal grille	METG	METG	microphone element	MICELEM	MICELEM
metal jalousie	METJ	METJ	microprocessor	MIPRCS	miprcs
metal lath and plaster	MLP	MLP	microscope	MICR	micr
metal mold	METM	METM	microwave amplification by stimulated emission of radiation	MASER	MASER
metal mount	MMT	MMT	microwave early warning	MEW	MEW
metal partition	METP	METP	middle	MDL	mdl
metal portion	METP	METP	middle landing	MLD	MLD
metal rolling door	MRD	MRD	midget	MDGT	mdgt
metal roof	METR	METR	mildew-resistant thread	MRT	MRT
metal slitting	MLS	MLS	mile	MI	mi
metal splash pan	MSP	MSP	mile per gallon	MPG	MPG
metal strip	METS	METS	mile per hour	MPH	MPH
metal threshold	MT	MT	military	MIL	mil
metal thru-wall flashing	MTWF	MTWF	Military Affiliate Radio System	MARS	MARS
metal-aluminum-oxide-silicon	MAOS	MAOS	military characteristics	MC	MC
metal-clad switchgear	MCSWGR	mcswgr	military characteristics equipment	MCE	MCE
metal-covered door	MCD	MCD	military characteristics motor vehicles	MCM	mcm
metal-dielectric-metal [filter]	MDM	MDM	military specification	MILSPEC	milspec
metal-interface amplifier	MIA	MIA	military standard [book]	MIL-STD	MIL-STD
metallic	MTLC	mtlc	military standard [sheet]	MS	MS
metallize	MTLZ	mtlz	millimeter	mm	mm
metallurgical	MET	met	milliammeter	MAM	mam
metal-nitride-oxide silicon	MNOS	MNOS	mine hauling bogie	MHB	MHB
metal-oxide semiconductor	MOS	MOS			
metal-oxide-semiconductor field effects transistor	MOSFET	MOSFET			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
mineral	MNRL	mnrl	mole	mol	mol
mineral-surface roof	MSR	MSR	molecular electronics	MOLELEX	MOLELEX
minesweeping light	MSLT	mslt	molecular weight	MOLWT	MOLWT
miniature	MINTR	mintr	molecule	MOL	mol
minicomputer	MNCMPTR	mncmptr	momentary	MOM	mom
minimum	MIN	min	momentary contact	MC	MC
minimum discernible signal	MDS	MDS	monitor	MON	mon
minor	MIN	min	monograph	MONOG	monog
mirror	MIR	mir	monolithic	ML	ml
miscellaneous	MISC	misc	monolithic integrated circuit	MIC	MIC
miscellaneous simulation generation	MSG	MSG	monophonic	MONO	mono
missile	MSL	msl	monopulse radar	MPR	MPR
missile boat tail	MSLBT	mslbt	monostable multivibrator	MNSTBMV	MNSTBM-V
missile impact predictor	MIP	MIP	month	MO	mo
missile precision instrumentation radar	MPIR	MPIR	monument	MON	mon
mission and traffic control	MTC	MTC	mooring	MRG	mrgr
miter	MIT	mit	mop rack	MOPR	MOPR
miter end	ME	ME	Morse taper	MORT	MORT
mixed flow	MXFL	MXFL	mortar motor carrier	MMC	MMC
mixing	MXG	mxg	mosaic	MOS	mos
mixture	MXT	mxt	most probable number	MPN	MPN
mobile	MBL	mbL	most significant bit	MSB	MSB
mobile engine test stand	METS	METS	mostly	MSLY	msly
mobile unit support base	MUSB	MUSB	motherboard	MTHBD	mthbd
mock-up template	MUT	MUT	motion	MTN	mtn
mode transducer	MXDCR	MXDCR	motion picture control panel	MPC	MPC
model	MOD	mod	motion picture phonographic unit	MPPH	MPPH
model [military nomenclature]	M	m	motion picture projector	MPP	MPP
model-based definition	MBD	MBD	motor	MOT	mot
model-based enterprise	MBE	MBE	motor belt drive	MBD	MBD
model-based standards development	MBSD	MBSD	motor can	MOCAN	MOCAN
model-based systems engineering	MBSE	MBSE	motor chain	MC	MC
model block	MB	MB	motor circuit switch	MCSW	MCSW
modification	MOD	mod	motor direct	MD	MD
modification work order	MWO	MWO	motor direct-connected	MDC	MDC
modify	MOD	mod	motor field	MF	MF
modulated continuous wave	MCW	MCW	motor generator	MG	MG
modulator	MOD	mod	motor operated	MO	MO
modulator-demodulator	MODEM	MODEM	motor transport	MT	MT
module	MDL	mdl	motor V-belt	MVB	MVB
modulus	MOD	mod	motor whaleboat	MWB	MWB
mogul	MGL	mgl	motorboat	MB	mb
moisture	MSTRE	mstre	motorcycle	MTRCL	mtrcl
mold line	ML	ML	motor-driven	MTRDN	MTRDN
molded	MLD	mld	motorized	MTZ	mtz
molding	MLDG	mldg	mount	MT	mt
			mounted	MTD	mtd
			mounting	MTG	mtg

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
mounting center	MTGC	MTGC	National Electrical Safety Code	NESC	NESC
movable	MVBL	mvbl	National extra fine [thread]	NEF	NEF
movement	MVT	mvt	National fine [thread]	NF	NF
moving	MVG	mvg	National form [thread]	N	N
moving-target indicator	MTI	MTI	national formulary	NF	NF
muffler	MUF	muf	National gas outlet [thread]	NGO	NGO
muller	MULR	mulr	National pipe thread	NP	NP
multiaperture logic element	MALE	MALE	National special [thread]	NS	NS
multiaperture reluctance switch	MARS	MARS	national stock number	NSN	NSN
multi-chip	MC	mc	National taper pipe [thread]	NPT	NPT
multi-chip modules, laminated	MCM-L	MCM-L	National Wire Gage	NWG	NWG
multidirectional	MULTD	MULTD	NATO Commercial and Government Entity	NCAGE	NCAGE
multifrequency pulsing	MFP	MFP	natural	NAT	nat
multigage	MG	mg	natural black slate	NBS	NBS
multilith	MULTH	multth	natural logarithm	LN	LN
multimeter	MULTR	multr	nautical	NAUT	naut
multiplane	MLTPL	mltpl	nautical mile	NMI	NMI
multiple	MULT	mult	naval	NAV	nav
multiple contact	MC	MC	naval bronze	NAVBRZ	NAVBRZ
multiple gun motor carriage	MGMC	MGMC	naval electronic warfare simulator	NEWS	NEWS
multiple unit	MU	MU	naval oceanographic meteorological automatic device	NOMAD	NOMAD
multiplex	MUX	mux	navigate	NAV	nav
multiplication	MULT	mult	navigation countermeasures and deception	NAVCMO	NAVCMO
multiplier	MULTR	multr	navigational aid	NAVAID	NAVAID
multipole	MP	mp	navigational aid inoperative for parts	NAIOP	NAIOP
multipurpose	MP	mp	Navy primary standards	NPS	NPS
multipurpose tractor oil	MPTO	mpto	Navy secondary standards	NSS	NSS
multispeed	MLTSP	mltsp	navy standard flange	NFL	NFL
multivibrator	MV	mv	navy type	NT	NT
munitions	MUN	mun	near face	NF	NF
music wire	MUW	muw	near side	NS	NS
music wire gage	MWG	MWG	necessary	NEC	nec
mutilated	MUT	mut	needle	NDL	ndl
muzzle	MZL	mzl	negative	NEG	neg
muzzle velocity	MV	MV	negative print	NEGPR	NEGPR
N			negative temperature coefficient	NTC	NTC
nacelle	NAC	nac	negative torque signal	NTS	NTS
namely	VIZ	viz	negative-positive-negative negative	NPNN	NPNN
nameplate	NPL	npl	negative-positive-negative [transistor]	NPN	NPN
narrow	NAR	nar	negative-positive-negative-positive	PNPN	PNPN
narrow band	NB	NB	neon indicating light	NEIL	NEIL
narrow gage	NG	NG			
national	NATL	natl			
National coarse [thread]	NC	NC			
National Electrical Code	NEC	NEC			
National Electrical Code standards	NECS	NECS			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
neoprene	NPRN	nprn	nonenclosure	NENCL	nencl
net weight	NTWT	ntwt	nonflammable	NFLMB	nflmb
net-laying light	NLLT	NLLT	non-fused	NFSD	nfsd
network	NTWK	ntwk	nongovernment standards	NGS	ngs
neutral	NEUT	neut	nonhygroscopic	NH	nh
neutralizing	NEUT	neut	nonlinear	NLNR	nlmr
neutron	NTN	ntn	nonmagnetic	NMAG	nmag
never used	NU	nu	nonmetallic	NM	nm
new product introduction	NPI	npi	non-oscillating	NOSC	noscl
next assembly	NA	na	nonpetroleum	NPET	npet
next higher assembly	NHA	NHA	nonprocurable	NP	np
nickel	NKL	nkl	nonpropelled	NP	np
nickel copper	NICOP	NICOP	nonreactive [relay]	NR	nr
nickel copper alloy	NCA	NCA	nonreinforced concrete pipe	NRCP	NRCP
nickel steel	NS	NS	nonreplenishable demand	NRD	NRD
nickel-plated	NP	NP	nonreturn	NRETN	nretn
nickel-silver	NISIL	nisil	non-return-to-zero	NRZ	NRZ
night message	NTM	NTM	nonreversible	NRVSBL	nrvsbl
night ration locker	NRL	NRL	nonself	NSLF	nslf
night vision goggles	NVG	NVG	nonslip tread	NST	NST
night vision imaging system	NVIS	NVIS	nonstandard	NONSTD	nonstd
nipple	NIP	nip	nonstructural	NSTRL	nstrl
nitride steel	NITSTL	NITSTL	nonsynchronous	NONSYN	nonsyn
nitrostarch	NITROS	nitros	nontight	NT	nt
no bias [relay]	NB	NB	nonwatertight	NWT	nwt
no change	NC	NC	normal	NORM	norm
no coil	NC	NC	normal charge	NLCHG	NLCHG
no connection	NC	NC	normal circular pitch	NCP	NCP
no control circuit contacts	NOCCC	NOCCC	normal diametral pitch	NDP	NDP
no drawing	ND	ND	normal fuel oil tank	NFT	NFT
no good	NG	NG	normal lube oil tank	NLT	NLT
no lead	NL	nl	normal overload	NOL	NOL
no load	NLD	nld	normal pressure angle	NPA	NPA
no voltage release	NVR	NVR	normal temperature and pressure	NTP	NTP
noise equivalent temperature	NET	NET	normalize	NORM	norm
noise factor	NF	NF	normally closed	NC	NC
noise figure	NF	NF	normally open	NO	NO
noise frequency	NF	NF	north	N	N
noise generator	NGEN	NGEN	nose fuse	NF	NF
noise meter	NM	NM	nose landing gear	NLG	NLG
nomenclature	NOMEN	nomen	not applicable	NA	NA
nominal	NOM	nom	not available	NA	NA
noncombustible	NCOMBL	ncombl	not for new design	NFND	nfnd
noncorrosive metal	NCM	NCM	not for use with	NFUW	nfuw
non-coupled	NCPLD	ncpld	not in contract	NIC	NIC
nondestructive evaluation	NDE	NDE	not to scale	NTS	NTS
nondestructive inspection	NDI	NDI	notched	NCH	NCH
nondestructive readout	NDRO	NDRO	notice of revision	NOR	NOR
nondestructive testing	NDT	NDT	novelty [insul]	N	N
nonelectric	NELEC	nelec			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
November	NOV	Nov	oil control	OCONT	OCONT
nozzle	NOZ	noz	oil cooler	OCLR	OCLR
nozzle control unit	NCU	NCU	oil differential	ODIFF	ODIFF
nuclear	NUC	nuc	oil dipstick	ODPSK	ODPSK
nuclear magnetron	NM	NM	oil filter	OFL	ofl
nuclear reactor	NR	NR	oil level	OLVL	OLVL
number	NO	no	oil nozzle	ONoz	ONoz
numeral	NUM	num	oil pan	OPN	OPN
numerical	NUM	num	oil plug	OPLG	OPLG
numerical control	NC	NC	oil pressure	OPRS	OPRS
nut plate	NTPL	ntpl	oil pump	OP	OP
nylon	NYL	nyl	oil renewal system	ORS	ors
O			oil ring	OR	OR
object	OBJ	obj	oil screen	OSCRN	OSCRN
objective	OBJV	objv	oil seal	OSL	osl
oblique	OBL	obl	oil suction pump	OSP	OSP
obscure	OB	ob	oil switch	OS	OS
obscure glass	OGL	OGL	oil tank	OTK	OTK
obscure wire glass	OWGL	OWGL	oil-cooled	OCLD	OCLD
observable critical item	OCI	OCI	oil-immersed	OI	OI
observable critical processes	OCP	OCP	oil-immersed water-cooled	OIWC	OIWC
observation	OBSV	obsv	oil-insulated	OI	OI
observation window	OBW	OBW	oil-insulated fan-cooled	OIFC	OIFC
observe	OBS	obs	oil-insulated self-cooled	OISC	OISC
obsolete	OBS	obs	oilproof	OP	op
obstruction	OBSTN	obstn	oiltight	OT	ot
obverse	OBV	obv	olive drab	OD	OD
occupy	OCC	occ	on center	OC	OC
octagon	OCT	oct	on-vehicle equipment	OVE	OVE
octahedral	OCTAHDR	octahdr	one-pole	SP	SP
octal print punch	OPP	OPP	one-shot	OS	OS
octane	OCT	oct	one-shot multivibrator	OSMV	osmv
October	OCT	Oct	one-stage	OSTG	ostg
octuple	OCT	oct	one-way	OW	ow
odometer	ODOM	odom	one-wire	OW	ow
of true position	OTP	OTP	Ontology Web Language	OWL	OWL
offensive [ammunition]	OFFEN	offen	opalescent indicating light	OPIL	OPIL
office	OFC	ofc	opaque	OPA	opa
officer	OFCR	ofcr	open drip proof	ODP	ODP
official	OFCL	ofcl	open drip proof protected	ODPP	ODPP
offset	OFS	ofs	open end	OE	OE
offset printing press	OPPR	OPPR	open hearth	OH	OH
ohmmeter	OHM	ohm	open joisted	OJ	OJ
oil burner	OBNR	obnr	open ventilated	OV	OV
oil catcher	OCHR	OCHR	open-close-open	OCO	OCO
oil circuit breaker	OCB	OCB	opener	OPR	opr
oil circuit recloser	OCR	OCR	opening	OPNG	opng
oil cleaner	OCLNR	oclnr	openside	OPSD	opsd
			open-type control circuit contacts	OTCCC	OTCCC

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
open-window unit	OWU	OWU	otherwise specified	OS	OS
operate	OPR	opr	ounce	OZ	oz
operating steam pressure	OSP	OSP	ounce-inch	OZIN	ozin
operating system	OS	OS	out of print	OP	OP
operation	OPN	opn	outboard	OUTBD	OUTBD
operational	OPNL	opnl	outer wing	OW	OW
operational assistance and instructive data equipment	OAIDE	OAIDE	outerback end	OBE	OBE
operational support equipment	OSE	OSE	outgoing	OUT	out
operator table	OPRT	oprt	outgoing repeater	OGR	OGR
opposite	OPP	opp	outgoing trunk	OGT	OGT
opposite commutator end	OPPCE	oppce	outlet	OUT	out
opposite pulley end	OPPPE	opppe	output	OUT	out
optical	OPT	opt	output display unit	ODU	ODU
optical axis	OPTAX	optax	output register	OR	OR
optical character recognition	OCR	OCR	output shift register	OSR	OSR
optical detection and ranging	OPDAR	OPDAR	output transfer gear	OTG	otg
optimum	OPT	opt	output translator	OUTXLTR	OUTXLTR
optimum working frequency	OWF	OWF	outside	OUT	out
optional	OPTL	optl	outside circumference	OC	OC
orange	O	o	outside diameter	OD	OD
orange	ORN	orn	outside diameter tube	ODT	ODT
orange indicating light	OIL	OIL	outside face	OF	OF
orbital determination module	ODM	ODM	outside helix angle	OHA	OHA
orbiting astronomical observatory	OAO	OAO	outside mold line	OML	OML
orbiting geophysical observatory	OGO	OGO	outside of metal	OM	OM
order	ORD	ord	outside radius	OR	OR
ordinary	ORD	ord	outside screw & yoke	OSY (OS&Y)	osy (os&y)
ordnance	ORD	ord	outside trim template	OTT	OTT
organic	ORG	org	outstanding leg	OSL	OSL
organization	ORG	org	out-to-out	OO	oo
orientation	ORIENT	orient	oval head	OVH	OVH
orifice	ORF	orf	oval point	OVP	OVP
orificed reverse flow check	ORFC	orfc	over all extended	OAE	oae
origin	ORIG	orig	overall	OA	oa
original	ORIG	orig	overall length	OALG	oalg
original equipment manufacturer	OEM	OEM	overall lowered	OALWR	oalwr
O-ring face seal	ORFS	orfs	overarm	OVRM	ovrm
O-ring port	ORP	orp	overboard	OVBD	ovbd
ornament	ORN	orn	overcurrent	OC	oc
oscillate	OSC	osc	overcurrent relay	OCR	OCR
oscillating	OSCG	oscg	overflow	OVFL	ovfl
oscillator	OSC	osc	overfrequency relay	OFR	OFR
oscillogram	OSCGRM	oscgrm	overhanging	OVHG	ovhg
oscillograph, string	OSCG	OSCG	overhaul	OVHL	ovhl
oscilloscope	SCOPE	scope	overhaul and repair	OR	or
other design activity	ODA	ODA	overhead	OVHD	ovhd
			overload	OVL	ovld
			overload relay	ORLY	ORLY
			overpower	OVPWR	ovpwr

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
overpressurized	OVPRS	ovprs	parametric synthesis	PARSYN	PARSYN
override	OVRD	ovrd	paravane	PARV	parv
override control bits	OCB	OCB	paravane and stores crane	PARVSTRCRA	PARVSTR-CRA
oversize	OVS	ovs	parchment	PCHT	pcht
overspeed	OVSP	ovsp	parenthesis	PAREN	paren
overtone	OT	ot	parity bit	PBIT	PBIT
overtravel	OVTR	ovtr	parkerized	PARK	park
overvoltage	OVV	ovv	parking	PRKG	prkg
own Doppler nullifier	ODN	ODN	parking brake	PRKGBK	prkgbk
oxide	OXD	oxd	parkway	PKWY	pkwy
oxidized	OXD	oxd	part number	PN	PN
oxygen	OXY	oxy	part of	PO	po
oxygen breathing apparatus	OBA	oba	part or identification number	PIN	PIN
Ozalid print	OP	op	partial	PART	part
ozone-depleting chemical	ODC	ODC	particle	PTCL	ptcl
ozone-depleting substance	ODS	ODS	particulate	PTCLT	ptclt
P			parting line [castings]	PL	PL
package	PKG	pkg	partition	PTN	ptn
pad and boom [refueling]	PB	PB	partly	PTLY	ptly
padding [capacitor]	PAD	PAD	parts catalog	PC	PC
padlock	PL	pl	parts kit	PRTKT	prtkt
page printer	PPTR	PPTR	parts list	PL	PL
paint	PNT	pnt	party	PTY	pty
painted	PTD	ptd	passage	PASS	pass
painted base	PB	pb	passenger	PASS	pass
painting stringer	PNTSTGR	PNTSTGR	passing scuttle	PS	PS
paints and oils	PO	PO	passing window	PW	PW
pallet	PLL	pll	passivate	PSVT	psvt
pan head	PNH	PNH	passive	PSIV	psiv
panel	PNL	pnl	passive airborne detection and ranging	PAADAR	PAADAR
panel point	PP	PP	passive countermeasures	PACM	PACM
panic bolt	PANB	PANB	passive detection and location of countermeasures	PADLOC	PADLOC
panoramic	PAN	pan	passive detection and ranging	PADAR	padar
pantograph	PANT	pant	paste	PST	pst
pantry	PAN	pan	pastry	PST	pst
paper	PPR	ppr	patent	PAT	pat
paperboard	PBD	pbd	patent pending	PATPEND	PATPEND
parabola	PRB	prb	pathological	PATHOL	PATHOL
parabolic	PRBLC	prblc	patrol	PTL	ptl
parabolic fillet	PA	PA	pattern	PATT	patt
paraboloid	PRBD	prbd	pavement	PAVMT	pavmt
parachute	PRCHT	prcht	pay load	PLD	pld
paragraph	PARA	para	peacoat locker	PLKR	plkr
parallax	PRX	prx	peak inverse [reverse] voltage	PRV	prv
parallel	PRL	prl	peak to peak	PP	PP
parallel-to-serial	PS	ps	pedestal	PED	ped
parameter	PRMTR	prmtr	peeler	PELR	pelr
parametric amplifier	PARAMP	PARAMP	pelorus	PLRS	plrs

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
pelorus stand	PLRSTN	PLRSTN	phase shift	PSH	psh
pencil	PCL	pcl	phase-shift driver	PSHD	PSHD
pending	PEND	pend	phenolic	PHEN	phen
pendular	PNDLR	pndlr	Phillips-head	PHH	PHH
pendulum	PNDLM	pndlm	phone	PH	ph
penetrate	PEN	pen	phonograph	PHONO	phono
penetration	PEN	pen	phosphate	PHOS	phos
pennant	PNNT	pnnt	phosphor bronze	PHBRZ	phbrz
penny [nails, etc.]	D	D	phosphorescent	PHOS	phos
pennyweight	DWT	dwt	photo butt line	PBL	PBL
pentaerythritol tetranitrate	PETN	PETN	photo contact master	PCM	PCM
pentagon	PNTGN	pntgn	photocopy	PHOC	phoc
pentode	PENT	pent	photodiode	PDIO	pdio
percent	PCT	pct	photoelectric	PELEC	pelec
percussion	PERC	perc	photoelectric cell	PEC	PEC
perfect	PERF	perf	photoelectric scanner	PES	PES
perforate	PERF	perf	photoflash	PHOFL	phofl
performance	PRFM	prfm	photograph	PHOTO	photo
performance evaluation and review technique	PERT	PERT	photolithographic	PHOTOLITH	photolith
Performance, Operational, and Maintenance Standards for Electronic Equipment	POMSEE	POMSEE	photostat	STAT	stat
performed	PERF	perf	phototransistor	PXSTR	pxstr
perimeter acquisition radar	PACR	PACR	phrase	PHR	phr
period	P	p	physical	PHYS	phys
periodic	PERD	perd	physical configuration identification	PCI	PCI
peripheral	PRPHL	prphl	physiological	PHYSIOL	physiol
peripheral command indicator	PCI	PCI	pickled and oiled	PO	po
peripheral unit [computers]	PU	PU	pickup	PU	pu
periscope	PERIS	peris	picture	PIX	pix
permanent	PERM	perm	piece	PC	pc
permeability	PERMB	permb	piece mark	PCMK	pcmk
permission	PERM	perm	pierce	PRC	prc
perpendicular	PERP	perp	pierce, blank, and form die	PBFD	PBFD
person	PER	per	pierced aluminum plank	PAP	PAP
personnel	PERS	pers	pierced steel plank	PSP	PSP
personnel carrier	PC	PC	piezoelectric crystal unit	CU	CU
perspective	PERSP	persp	pigment	PGMT	pgmt
petroleum	PETRO	petro	pigtail	PGT	pgt
petroleum, oils, and lubricants	POL	POL	pilaster	P	p
pewter	PWTR	pwtr	piling	PLG	plg
phantom	PHM	phm	pillar	PLR	plr
pharmacological	PHARMACOL	phar-macol	pillow block	PLBLK	PLBLK
pharmacy	PHAR	phar	pilot	PLT	plt
phase	PH	ph	pilot light	PLTLT	pltlt
phase conversion and step/ down	PHCVSD	PHCVSD	pilot operated	PLTOPR	pltopr
phase meter	PHM	phm	pilothouse	PLTHS	plths
			pinion	PIN	pin
			pinion end	PE	PE
			pint	PT	pt
			pintle	PTL	ptl

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
pioneer	PION	pion	plunger	PLGR	plgr
pipe plug	PPG	ppg	plus or minus	PORM	PORM
pipe rail	PR	PR	pneumatic	PNEU	pneu
pipe sleeve	PSL	PSL	pneumatic tube	PT	PT
pipe tap	PT	PT	pnpn transistor magnetic logic	PTML	PTML
pipeline	PPLN	ppln	pocket	PKT	pkt
pipette	PPE	ppe	point	PT	pt
pipng	PP	pp	point detonating	PD	PD
pistol	PSTL	pstl	point detonating, self-destroying	PDSD	PDSD
piston	PSTN	pstn	point initiating	PI	PI
pitch	P	p	point initiating, base detonating	PIBD	PIBD
pitch circle	PC	PC	point insulating	PI	PI
pitch diameter	PD	PD	point of compound curve	PCC	PCC
pitch line	PL	PL	point of curve	PC	PC
pitometer log	PTMTLG	PTMTLG	point of frog	PF	PF
pivot	PVT	pvt	point of intersection	PI	PI
pivoted door	PD	PD	point of reverse curve	PRC	PRC
pivoted window	PW	PW	point of spiral tangent	PST	PST
place	PL	pl	point of switch	PS	PS
places	PL	pl	point of tangency	PT	PT
plain	PL	pl	point-detonating fuze	PDF	PDF
plain washer	PW	PW	point-to-point	PP	PP
plan position indicator	PPI	ppi	polar	POL	pol
plan view	PV	PV	polar orbiting geophysical observatory	POGO	POGO
planar	PLNR	plnr	polarity	PLRT	plrt
planar epitaxial passivated [transistor]	PEP	pep	polish	POL	pol
plane	PLN	pln	polyester	POLYEST	polyest
plane position indicator	PPI	ppi	polyethylene [insul]	POLTHN	POLTHN
planet	PLNT	plnt	polyethylene-insulated conductor	PIC	PIC
planetary	PLNTY	plnty	polypropylene	PP	pp
plank	PLK	plk	polystyrene	PS	PS
planning	PLNG	plng	polytetrafluorethylene	PTFE	PTFE
plant	PL	pl	polyvinyl chloride	PVC	PVC
plaque	PLQ	plq	pontoon	PON	pon
plaster	PLAS	plas	poppet	PPT	ppt
plastic	PLSTC	plstc	popping	POP	pop
plate	PL	pl	porcelain	PORC	porc
plate [electron tube]	P	p	Porro	POR	por
plate glass	PLGL	plgl	port and starboard	PS	ps
plated	PLD	pld	port light	PLT	PLT
platform	PLATF	platf	port of embarkation	POE	POE
plating	PLTG	pltg	port side light	PSLT	pslt
platinum	PT	PT	portable	PORT	port
pliers	PLR	plr	position	POSN	posn
plotting	PLOT	plot	position indicator	PIN	PIN
plow-steel rope	PSR	PSR	positioner	PSNR	psnr
plug cock	PC	PC			
plumbing	PLMB	plmb			
plumbing and deck drain	PDD	PDD			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
positive	POS	pos	power supply unit	PSU	PSU
positive crankcase ventilation	PCV	pcv	power switchboard	PSWBD	PSWBD
positive displacement	PDISPL	PDISPL	power takeoff	PTO	pto
positive pin retention	PPR	ppr	power train	PT	pt
positive reverse (inverse) voltage	PRV	prv	power train oil temperature	PTOTEMP	ptotemp
positive-intrinsic-negative [transistor]	PIN	PIN	power turbine	PTURB	pturb
positive-negative-intrinsic-positive [electron device]	PNIP	PNIP	power unit	PU	PU
positive-negative-positive [transistor]	PNP	PNP	power-driven	PDVN	pdvn
positive-negative-positive-negative [electron device]	PNPN	PNPN	powered	PWRD	pwr
post indicator valve	PIV	PIV	powerhouse	PWRH	pwrh
post office	PO	PO	power-line carrier	PLC	PLC
posts and timbers	PT	pt	power-operated	POPD	POPD
potable water	POTW	POTW	practice	PRAC	prac
potential	POT	pot	preamplifier	PREAMP	preamp
potential difference	PD	PD	prearm	PA	pa
potential switch	PSW	PSW	prebent	PRBNT	prbnt
potential transformer	PT	PT	precast	PRCST	prcst
potentiometer	POT	pot	precedence	PREC	prec
pound	LB	lb	pre-charge	PRCH	prch
pound force	LBF	lbf	precipitate	PPT	ppt
pound per cubic foot	PCF	PCF	precipitation	PRECP	precip
pound per horsepower	PHP	php	precipitin	PRCPTN	prcptn
pound-force foot	LBFT	LBFT	precision	PRCN	prcn
pound-force inch	LBIN	LBIN	precision approach radar	PAR	PAR
pound-force per hour	PHR	PHR	precision long-range tracking radar	PRELORTR	PRELORT-R
pound-force per square foot	PSF	PSF	precleaner	PRECLNR	preclnr
pound-force per square inch	PSI	PSI	precombustion chamber	PC	pc
powder	PDR (PWD)	pdr (pwd)	precooler	PCLR	pclr
powder metal	PM	pm	prefabricated	PREFAB	prefab
powder passing	PWDP	PWDP	preference	PREF	pref
power	PWR	pwr	preferred	PFD	pdf
power amplifier	PA	PA	prefix	PREF	pref
power and lighting	PL	PL	prefocus	PRFCS	prfcs
power and lighting distribution	PLDISTR	pldistr	prefocused	PREF	pref
power circuit breaker	PCB	PCB	preformed	PREFMD	prefmd
power control unit	PCU	PCU	preformed beam	PFB	PFB
power directional relay	PDR	PDR	preheat	PHT	pht
power factor	PF	PF	preheater	PHR	phr
power factor meter	PFM	PFM	preinserted	PINSTD	pinstd
power oscillator	PO	PO	preliminary	PRELIM	prelim
power package	PPKG	PPKG	prelube	PRLUB	prlub
power plant	PP	PP	premium	PREM	prem
power steering	PS	ps	premolded	PRMLD	prml
power supply	PWRSPLY	PWRSPLY	premolded expansion joint	PEJ	PEJ
power supply (comb form)	PS	PS	preparation	PREP	prep
			prepare	PREP	prep
			preproduction	PREPROD	preprod
			prescreener	PRESCRN	prescrn
			prescription	PRESCR	prescr

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
present	PRES	pres	probability	PROB	prob
preservation	PSVTN	psvtn	probable	PROB	prob
preservation method	PVMTD	PVMTD	probable error	PE	PE
preservative	PSVTV	psvtn	probe	P	p
preserve	PSV	psv	problem	PROB	prob
press	PRS	prs	procedure	PROC	proc
press fit	PRFT	PRFT	proceedings	PROC	proc
pressboard	PBD	pbd	process	PRCS	prcs
pressed	PRSD	prsd	process specification [no number]	PRCSSPEC	PRCSSPEC
pressed metal	PRSDMET	PRSDMET	process specification [number]	PS	PS
presser	PRSR	prsr	process water cooler	PWC	PWC
presser foot	PRFT	PRFT	processing	PRCSG	prcsg
pressure	PRESS	press	processing unit	PROCU	PROCU
pressure angle	PA	PA	procurement	PRCMT	prcmt
pressure gage	PG	PG	producibility engineering and planning	PEP	pep
pressure proof	PP	pp	product	PROD	prod
pressure seal	PSL	PSL	product and manufacturing information	PMI	PMI
pressure sensitive	PS	ps	product breakdown	PBKDN	pbkdn
pressure vessel	PV	PV	product control	PC	pc
pressure-reducing valve	PRV	PRV	product identification number	PIN	PIN
pressure-volume-temperature	PVT	pvt	product lifecycle management	PLM	PLM
pressurize	PRSRZ	prsrz	production	PROD	prod
prevent	PVNT	pvnt	production estimate card	PECARD	pecard
preventative	PVNT	pvnt	production illustration	PI	PI
previous	PREV	prev	production order	PO	PO
price and availability	PA	pa	production parts approval process	PPAP	PPAP
primary	PRI	pri	profile	PF	pf
primary coolant system	PCS	PCS	program	PRGM	prgm
prime	PRM	prm	program drum recording	PDR	PDR
prime mover	PMVR	pmvr	program register	PRGMRGTR	prgmrgr
primer	PRMR	prmr	programmable integrated control equipment	PICE	PICE
priming	PRM	prm	programmable array logic	PAL	PAL
print	PT	pt	programmable logic array	PLA	PLA
printed	PTD	ptd	programmable logic controller	PLC	PLC
printed circuit	PC	PC	programmable logic device	PLD	PLD
printed circuit board	PCB	PCB	programmable read-only memory	PROM	PROM
printed wiring	PW	PW	programmable unijunction [transistor]	PUJT	PUJT
printed wiring assembly	PWA	PWA	programmed instruction	PI	PI
printed wiring board	PWB	PWB	programming	PRGMG	prgmg
printer	PTR	ptr	programming language 1	PL1	PL1
printing	PRNTG	prntg	progress	PROG	prog
printout	PTOUT	ptout	progression	PROG	prog
priority	PRI	pri			
priority data reduction	PDR	PDR			
prism	PSM	psm			
private automatic branch exchange	PABX	PABX			
private automatic exchange	PAX	PAX			
private branch exchange	PBX	PBX			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
project	PROJ	proj	pulsating current	PC	PC
projected tolerance zone	PTZ	ptz	pulsation	PLSN	plsn
projected window	PW	PW	pulsator	PLSR	plsr
projectile	PJCTL	pjctl	pulse	PLS	pls
projection	PJTN	pjtn	pulse acquisition radar	PUAR	PUAR
projector	PJTR	pjtr	pulse amplifier	PA	PA
proof	PRF	prf	pulse frequency	PF	PF
proof shot [projectile]	PS	ps	pulse per minute	PPMIN	ppmin
proofread	PRFRD	prfrd	pulse repetition period	PRP	PRP
propane	PRPN	prpn	pulse time	PT	PT
propellant	PRPLT	prplt	pulse width	PW	PW
propelled	PROP	prop	pulse-amplitude modulation	PAM	PAM
propeller	PROP	prop	pulse-code modulation	PCM	PCM
propeller order	PRO	PRO	pulse-count modulation	PCTM	PCTM
propeller revolution	PRV	PRV	pulse-duration modulation	PDM	PDM
propeller revolution indicator system	PRIS	PRIS	pulse-frequency modulation	PFM	PFM
propelling	PROP	prop	pulse-interval modulation	PIM	PIM
property	PROP	prop	pulse-position modulation	PPM	PPM
property line	PL	PL	pulse-repetition frequency	PRF	PRF
proportion	PROPN	propn	pulse-repetition rate	PRR	PRR
proportional limit	PL	PL	pulse-repetition time	PRT	PRT
proposal	PRPSL	prpsl	pulse-time modulation	PTM	PTM
proposed	PRPSD	prpsd	pulse-time multiplex	PTMUX	PTMUX
proprietor	PROP	prop	pulse-width modulation	PWM	PWM
propulsion	PRPLN	prpln	pulverizer	PULV	pulv
prosthetic	PRSTC	prstc	pump discharge	PDISCH	PDISCH
protect	PTCT	ptct	pump, hydraulic ram, hand driven	PHRHD	PHRHD
protection	PROTN	protn	punch	PCH	pch
protective	PROT	prot	punch die	PD	pd
protective device	PROTDEV	PROTDEV	punching	PCHG	pchg
Protosynthes index	PSI	PSI	purchase	PURCH	purch
prototype	PROTO	proto	purchase order	PO	PO
protractor	PROTR	protr	purchase request	PR	PR
proving ground	PG	PG	purchased finished	PF	pf
provision	PROV	prov	purchasing department specification	PDS	PDS
provisioning parts breakdown	PPB	PPB	pure water	PWTR	PWTR
proximity [fuze]	PROX	PROX	purge	PRG	prg
public address	PA	PA	purging	PRNG	prng
publication	PUBN	pubn	purification	PRFCN	prfcn
pull and push plate	PPP	PPP	purifier	PUR	pur
pull box	PB	PB	purple	PRP	prp
pull button	PLB	PLB	purple indicating light	PIL	PIL
pull rod	PLRD	PLRD	purpose	PRP	prp
pull switch	PS	PS	push button	PB	PB
pull-button switch	PBSW	PBSW	push rod	PRD	PRD
puller	PLR	plr	push-button station	PBSTA	pbsta
pulley	PUL	pul	push-pull	PP	pp
pulley end	PE	PE	pyramid	PYR	pyr

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
pyrogen unit	PYGN	PYGN	quick shift	QS	qs
pyrometer	PYROM	pyrom	quick-acting	QA	QA
pyrotechnic	PYRO	pyro	quick-break	QB	QB
Q			quick-cleaning	QC	QC
quadrangle	QUAD	quad	quick-firing	QF	QF
quadrant	QDRNT	qdrnt	quick-look intermediate tape	QLIT	QLIT
quadrature	QDRTR	qdrtr	quick-opening device	QOD	QOD
quadruple	QUADR	quadr	quiescent	QUIES	quies
qualification	QUAL	qual	quintuple	QUIN	quin
qualified	QUAL	qual	quotation	QUOT	quot
qualified products list	QPL	QPL	quotient	QUOT	quot
qualitative	QUAL	qual	R		
quality	QUAL	qual	rabbet	RAB	rab
quality assurance	QA	QA	radar	RDR	rdr
quality assurance provision	QAP	QAP	radar (comb form)	R	r
quality characteristics list	QCL	QCL	radar bright display equipment	RBDE	RBDE
quality conformance inspection	QCI	QCI	radar countermeasures	RCM	RCM
quality control	QC	QC	radar input mapper	RIM	RIM
quality control reliability	QCR	QCR	radar mapper, gap filler	RMGF	RMGF
quality deficiency report	QDR	QDR	radar mapper, long range	RMLR	RMLR
quality information framework	QIF	QIF	radar planning device	RPD	RPD
quality operating system	QOS	QOS	radar simulator	RSIM	RSIM
quality verification testing	QVT	QVT	radar start	RST	RST
quantitative	QUANT	quant	radar transmitter	RDRXMTR	rdrxmtr
quantity	QTY	qty	radiac	RDC	rdc
quantum amplification by stimulated emission of radiation	QUASER	QUASER	radial	RDL	rdl
quarry	QRY	qry	radiate	RAD	rad
quarry tile base	QTB	QTB	radiated emission	RE	RE
quarry tile floor	QTF	QTF	radiated susceptibility	RS	RS
quarry tile roof	QTR	QTR	radiation	RADN	radn
quart	QT	qt	radiator [automotive]	RDTR	rdtr
quarter	QTR	qtr	radio	RAD	rad
quarter hard	QTRH	qtrh	radio detection and ranging	RADAR	RADAR
quarter round	QTRRD	qtrrd	radio direction finding	RDF	RDF
quarter-phase	QTRPH	qtrph	radio frequency	RF	RF
quartz	QTZ	qtz	radio frequency amplification by stimulated emission of radiation	RASER	RASER
quaternary	QUAT	quat	radio frequency interference	RFI	rfi
question	QUEST	quest	radio inertial	RIN	rin
question and answer	QA	qa	radio interference field intensity	RIFI	RIFI
quick coupler	QCPLR	qcplr	radio noise factor [figure]	RNF	RNF
quick disconnect	QDISC	QDISC	radio operator	RADOPR	RADOPR
quick drop	QD	qd	radio telegraph	RTLGL	RTLGL
quick dump	QDUMP	qdump	radio telephony	RTEL	RTEL
quick engine change	QEC	QEC	radio teletype	RTT	RTT
quick release	QREL	qrel	radio teletypewriter	RTTY	RTTY

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
radioactive	RAACT	raact	rayon	RYN	ryn
radioactive liquid waste	RALW	RALW	reactance	REAC	reac
radiochemistry	RADCHM	radchm	reaction	RCTN	rctn
radio-frequency choke	RFC	RFC	reactivate	REACTVT	reactvt
radio-frequency interference	RHI	RHI	reactive	REAC	reac
radiographic inspection	RADINSP	radinsp	reactive factor meter	RFM	RFM
radiological	RADL	radl	reactive volt-ampere meter	RVA	RVA
radiological defense	RADDEF	RADDEF	reactive voltmeter	RVM	RVM
radiological warfare	RADWAR	RADWAR	reactor	REAC	reac
radius	R	r	reactor compartment	RC	RC
radius	RAD	rad	reactor core	RCO	RCO
radome station	RS	RS	reader	RDR	rdr
railcar	RLCR	rlcr	reader common contact	RCC	RCC
railing	RLG	rlg	reader tape contact	RTC	RTC
railroad	RR	rr	readiness	RDNS	rdns
railway	RY	ry	reading	RDNG	rdng
raintight	RT	rt	readout	RDOUT	rdout
rainwater conductor	RWC	RWC	readout and relay	RR	RR
raised	RSD	rsd	read-write [head]	RW	rw
raised face	RF	RF	ready	RDY	rdy
raised face diameter	RFD	RFD	ready for issue	RFI	RFI
raised face height	RFH	RFH	ready service	RS	RS
ramjet	RMJ	rmj	real and not corrected input data	RANCID	RANCID
random	RNDM	rndm	real time	RT	RT
random access discrete address system	RADAS	RADAS	real-time input-output transducer	RIOT	RIOT
random-access indestructible advanced memory	RAIAM	RAIAM	reamer	RMR	rmr
random-access memory	RAM	RAM	rear axle	RRAX	rrax
range	RNG	rng	rear connection	RC	RC
range and evaluation guidance for approach and landing	REGAL	regal	rear view	RV	RV
range error probability	REP	REP	rear-connected	RC	RC
range light	RALT	ralt	reason	REAS	reas
range marks	RM	RM	rebabbitt	RBBT	rbbt
range surveillance	RS	RS	recalculated	RECALC	recalc
range-height indicator	RHI	RHI	recall	RCL	rcl
range-rate indicator	RRI	RRI	receive	RCV	rcv
rapid action change	RAC	RAC	received	RCVD	rcvd
rapid rectilinear	RR	RR	receive-only tape perforator	ROTP	ROTP
ratchet	RCHT	rcht	receiver	RCVR	rcvr
rate of change	RC	RC	receiver-transmitter	RT	RT
Rateau	RAT	rat	receiving	RCVG	rcvg
rating	RTG	rtg	receptacle	RCPT	rcpt
ratio	R	r	reception	RCPTN	rcptn
rattail	RTTL	rttl	recess	REC	rec
raw material	RM	RM	recharger	RECHRG	rechrg
raw tape write submodule	RTWS	RTWS	reciprocate	RECIP	recip
raw water	RW	RW	recirculate	RECIRC	recirc
rawhide	RWHD	rwhd	reclaimer	RCLM	rclm
			reclaiming	RCLMG	rclmg

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
reclined	RCLD	rcl	reflectance	REFL	refl
reclose	RECL	recl	reflected	REFLD	refld
recognition	RECOG	recog	reflective insulation	RI	RI
recoil	RCL	rcl	reflector	REFL	refl
recoil mechanism	RECMECH	recmech	reflex	RFLX	rflx
recoilless	RCLS	rcls	refractory	RFRC	rfr
recommend	RECM	recm	refrigerant	RFGT	rfgt
recompression	RCMPRS	rcmprs	refrigerate	REFR	refr
recondense	RECOND	recond	refrigerator, mechanical household	RMH	RMH
recondition	RCNDT	rcndt	regardless of feature size	RFS	RFS
reconnaissance	RECON	recon	regenerate	REGEN	regen
reconnaissance (aircraft)	R	r	regenerative	REGEN	regen
record	RCD	rcd	register	RGTR	rgtr
record and report	RAR	RAR	register drive	RD	RD
recording ammeter	RAMM	RAMM	regular	RGLR	rglr
recording demand meter	RDM	RDM	regulate	RGLT	rglt
recording kilovolt-ampere meter	RKVAM	RKVAM	regulating	RGLT	rglt
recording tachometer	RTM	RTM	regulator	RGLTR	rgltr
recording varmeter	RVARM	RVARM	reheater	RHR	rhr
recoverability	RECY	recy	Reid vapor pressure	RVP	RVP
recovery	RCVY	rcvy	reinforce	REINF	reinf
recreation	RCN	rcn	reinforced concrete	RC	RC
rectangle	RECT	rect	reinforced tile lintel	RTL	RTL
rectangular	RECT	rect	reinforced-concrete culvert pipe	RCCP	RCCP
rectifier	RECT	rect	reinforced-concrete pipe	RCP	RCP
recurrent	RCUR	rcur	reinforcing steel	RST	RST
red	R	r	reject	REJ	rej
red fuming nitric acid	RFNA	RFNA	relate	RLT	rlt
red indicating lamp	RIL	RIL	relation	RLTN	rltn
redesignate	REDSG	redsg	relative	REL	rel
redrawn and revised	RR	rr	relative biological effectiveness	RBE	RBE
reduce	RDC	rdc	relative humidity	RH	RH
reduced charge	RCHG	RCHG	relaxation	RLXN	rlxn
reduced hard pressure	RHP	RHP	relay	RLY	rly
reducer	RDCR	rdcr	relay block	RB	RB
reducing	REDC	redc	release	REL	rel
reduction	RDCN	rdcn	reliability	RELBL	relbl
reduction of area	RA	RA	relief	RLF	rlf
reefing hook	RHK	rhk	relief radii	RR	RR
reentry	REY	rey	relief valve	RV	RV
reentry vehicle	RV	RV	relieve	RLV	rlv
refacer	RFCR	rfr	relocate	RELO	relo
reference	REF	ref	relocated	RELOC	reloc
reference designation	REFDES	refdes	remainder	REM	rem
reference engineering photo template	REPT	REPT	remanufactured	REMGD	remgd
reference line	REFL	REFL	remote	RMT	rmt
refined	RFND	rfnd	remote control	RC	RC
refinery	REF	ref	remote control system	RCS	RCS

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
removable	REM	rem	residual field	RESFLD	resfld
removable cover	REMCOV	REMCOV	resilient	RESIL	resil
remove	RMV	rmv	resistance (comb form)	R	R
remove and replace	RR	rr	resistance-inductance-capacitance	RLC	RLC
renewable	RNWBL	RNWBL	resistance temperature detector	RTD	RTD
renewal	RNL	rnl	resistance-capacitance	RC	RC
renewal parts data	RPD	RPD	resistance-capacitance coupled	RCCPLD	RCCPLD
renewal parts leaflet	RPL	RPL	resistance-inductance	RL	RL
repair	RPR	rpr	resistor	RES	res
repeat	RPT	rpt	resistor capacitor transistor logic	RCTL	RCTL
repeater	RPTR	rprr	resistor-transistor logic	RTL	RTL
repeating coil	RPTC	RPTC	resolution	RESOLN	resoln
repeller	RPLR	rplr	resolver	RSLVR	rslvr
repetition	RPTN	rptn	resonant	RESN	resn
replace	REPL	repl	respective	RSPV	rspv
replacement	REPLT	replt	respectively	RESP	resp
replenish	RPLN	rpln	respirator	RSPTR	rsptr
replenishing	RPLNG	rplng	respond	RSPD	rspd
replenishment	RPNSM	rpnsn	response	RSPS	rsp
report	RPRT	rprt	restore	RST	rst
report program generator	RPG	RPG	restorer	RESTR	restr
reproduce	REPRO	repro	restrict	RSTR	rstr
reproducer	RPDR	rpdr	restrictor	RSTR	rstr
reproducing unit	RU	RU	retain	RET	ret
reproduction	REPROD	reprod	retainer	RTNR	rtnr
republic	REPB	repb	retard	RTD	rtd
repulsion	RPLSN	rplsn	retardation coil	RTDC	RTDC
request	REQ	req	retarder	RTD	rtd
request for deviation	RFD	RFD	retarder brake	RTDBK	rtdbk
request for engineering change	REC	REC	retarding	RTD	rtd
request for price quotation	RPQ	RPQ	retension	RETNN	retnn
request for waiver	RFW	RFW	reticle	RTCL	rtcl
require	REQ	req	reticulated grating	RG	RG
required	REQD	reqd	retraced	RETR	retr
requirement	REQT	reqt	retract	RETR	retr
requisition	REQN	reqn	retrieve	RTRV	rtrv
rescind	RESC	resc	retroactive	RETRO	retro
rescue	RSQ	rsq	retrogressive	RETROG	retrog
rescue boat	RSQBT	RSQBT	return	RTN	rtn
rescue equipment locker	REL	REL	return head	RHD	RHD
research	RES	res	return-to-zero	RZ	RZ
research and development	R&D	R&D	reverberation control of gain	RCG	RCG
reseating	RESEAT	reseat	reverse	RVS	r
reserve	RSV	rsv	reverse-acting	RACT	RACT
reserve feedwater	RFW	RFW	reverse current	REVCUR	revcur
reserve oil tank	ROT	ROT	reverse current device	RCD	RCD
reservoir	RSVR	rsvr	reversible	RVSBL	r
reset set trigger	RST	RST			
residual	RESID	resid			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
review	REV	rev	roller	RLR	rlr
revise	REV	rev	roller vane	RV	rv
revision	REV	rev	rolling steel door	RSD	RSD
revision authorization document	RAD	RAD	rollover	RO	ro
revolution	REV	rev	rollover protective structure	ROPS	rops
revolution indicating system	RIS	RIS	roof drain	RD	RD
revolution per minute	RPM	RPM	roof leader	RL	RL
revolution per second	RPS	RPS	roofing	RFG	rfg
revolve	RVLV	rvlv	root diameter	RD	RD
rewind	RWND	rwnd	root mean square	RMS	RMS
rheostat	RHEO	rheo	root sum square	RSS	RSS
rhodium	RHOD	rhod	rotary	RTRY	rtry
rhombic	RHOMB	rhomb	rotate	ROT	rot
rhomboid	RHOMB	rhomb	rotating passing scuttle	RPS	RPS
ribbed	RIB	rib	rotation	ROT	rot.
ribbon	RBN	rbn	rotator	ROTR	rotr
ridge	RDG	rdg	rotodome	RD	rd
rigging	RGNG	rgng	rotometer	ROTOMT	rotomt
right	R	R	rotor	RTR	rtr
right angle	RTANG	RTANG	rough	RGH	rgh
right bank	RBK	RBK	rough opening	RO	RO
right buttock line	RBL	RBL	roughness height rating	RHR	RHR
right hand	RH	RH	round	RND	rnd
right side	RS	RS	round head	RDH	rdh
right-hand drive	RHDR	RHDR	round trips per hour	RTPH	RTPH
right-hand side	RHS	RHS	rounding	RDG	rdg
righting arm	GZ	gz	route	RTE	rte
right-of-way	RW	RW	routine	ROUT	rout
rigid	RGD	rgd	rubber	RBR	rbr
ring counter	RCNTR	RCNTR	rubber base	RB	RB
riser	R	R	rubber hose jacket	RJH	RJH
rivet	RVT	rvt	rubber insulation	RINSUL	RINSUL
roasting	RSTG	rstg	rubber sheath	R	R
Robust Gaussian	RG	RG	rubber-covered cable	RCC	RCC
rocker	RKR	rkr	rubber-tile floor	RTF	RTF
rocker arm	RKRA	RKRA	rubble stone	RS	RS
rocket	RKT	rkt	rudder	RUD	rud
rocket assist takeoff	RATO	RATO	rudder angle order	RAO	RAO
rocket launcher	RL	RL	rules and procedures	RP	RP
rocket target	RT	RT	running light	RNLT	RNLT
Rockwell hardness	RH	RH	running telltale light	RTTL	RTTL
Rockwell hardness A	RHA	RHA	running, signal, and anchor lights	RSALT	RSALT
Rockwell hardness B	RHB	RHB	runout	RO	RO
Rockwell hardness C	RHC	RHC	runway	RWY	rwv
rod control	RCONT	RCONT	rust preventative	RPVNTV	RPVNTV
rod drive	rddr	RDDR	rustproof	RSTPF	RSTPF
Roebing Wire Gage	RWG	RWG			
roll roofing	RR	RR			
rolled	RLD	rld			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
S			scleroscope	SCLER	scler
saddle	SDL	sdl	scleroscope hardness	SH	SH
safe locker	SL	SL	scooter	SCTR	sctr
safe operating area	SOAR	SOAR	scope	SCP	scp
safe working pressure	SWP	SWP	scraper	SRPR	srpr
safe practice data sheet	SPDS	SPDS	scraping	SRPG	srpg
safety	SAF	saf	screen	SCRN	scrn
safety valve	SV	SV	screen door	SCD	SCD
sail area	SA	SA	screen gate	SCRGT	SCRGT
salinity	SAL	sal	screw	SCR	scr
salinity indicator	SI	SI	screw down	SCRDN	SCRDN
salinometer	SAL	sal	screw thread	SCRTHD	SCRTHD
salt water	SW	SW	screwdriver	SCDR	SCDR
salt water circulating pump	SWCP	SWCP	screwed bonnet	SCRDB	scrdb
salt water pump	SWP	SWP	scullery	SCLY	sclly
salt-glazed structural facing units	SGSFU	SGSFU	scupper	SCUP	scup
salt-glazed structural unit base	SGSUB	SGSUB	scuttle	S	S
saluting	SAL	sal	sea flood	SF	SF
salvage	SALV	salv	sea level	SL	SL
same size	SS	SS	sea level static	SLS	SLS
sample part	SP	SP	sea loading pipeline	SLPL	slpl
sampling	SMPLG	smplg	sealed	SLD	sld
sandblast	SDBL	sdbl	seal-in device	SID	SID
sand-loaded	SL	SL	sealing	SEG	seg
sanitary	SAN	san	seamless	SMLS	smls
saponify	SAPON	sapon	seamless steel tubing	SSTU	SSTU
satellite	SATL	satl	search	SRCH	srch
satellite-paper tape transfers	SATPATT	SATPATT	searchlight	SCHLT	schlt
saturable core	SC	SC	seater	STER	ster
saturable reactor	SR	SR	secant	SEC	sec
saturate	SAT	sat	second	s	s
sawtooth	ST	st	second	SEC	sec
Saybolt seconds furol	SSF	SSF	secondary	SEC	sec
Saybolt seconds universal	SSU	SSU	section	SECT	sect
scale	SC	sc	sector	SCTR	sctr
scale model	SCMOD	SCMOD	sector scan indicator	SSI	SSI
scanner	SCNR	scnr	securing	SECRG	secrgr
scanning	SCNG	scng	security	SCTY	scty
scanning electron microscope	SEM	SEM	security guard window	SGW	SGW
scattered	SCTD	sctd	security window screen and guard	SWSG	SWSG
scavenge	SCAV	scav	sedan	SED	sed
scavenging oil pump	SOP	SOP	segment	SEG	seg
schedule	SCHED	sched	select	SEL	sel
schematic	SCHEM	schem	selected item drawing	SID	SID
Schmitt trigger	ST	ST	selective identification feature	SIF	SIF
science	SCI	sci	selective ringing	SR	SR
scintillator	SCINT	scint	selectivity	SEL	sel
			select-operate-sense	SEOPSN	SEOPSN

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
selector	SEL	sel	sequence check	SEQCHK	seqchk
selenium rectifier	SR	SR	sequence number	SQN	sqn
self-cleaning	SLFCLN	SLFCLN	sequential coding	SECO	SECO
self-closing	SELFCL	SELFCL	sequential component	SCAT	SCAT
self-contained	SCNTN	SCNTN	automatic testing		
self-destroying	SD	SD	serial	SER	ser
self-generating	SLFGEN	slfgen	serial number	SERNO	SERNO
self-indicating	SLFIND	slfind	series	SER	ser
self-locking	SLFLKG	slflkg	series relay	SRLY	SRLY
self-propelled	SELFPROP	selfprop	serrate	SERR	serr
self-sealing	SLFSE	slfse	server	SVR	svr
self-synchronous	SELSYN	selsyn	service	SVCE	svce
self-tapping	ST (SLFTPG)	st (slftpg)	service bulletin	SB	SB
self-ventilated	SV	SV	service ceiling	SRVCLG	SRVCLG
selsyn	SELS	sels	service factor amperes	SFA	SFA
semaphore	SMPHR	smphr	service fuel oil	SFO	SFO
semi-armor-piercing	SAP	SAP	service sink	SS	SS
semiconductor	SEMICOND	semicond	service, sort, and merge	SESAME	SESAME
semiconductor bilateral switch	SBS	SBS	serving	SERG	serg
semiconductor controlled rectifier	SCR	SCR	servo	SVO	svo
semiconductor controlled switch	SCS	SCS	servomechanism	SERVO	servo
semiconductor unilateral switch	SUS	SUS	servomotor	SVMTR	svmtr
semienclosed	SEN	sen	set screw	SSCR	sscr
semifinished	SF	sf	setter	SETR	setr
semifireproof	SFPRF	sfprf	setting	SET	set
semifixed	SFXD	sfxd	settling	SETLG	setlg
semiflush	SFLS	sfls	sewage	SEW	sew
semisteel	SS	ss	sewer	SEW	sew
semitrailer	STLR	stlr	sexless [connector]	SXL	sxl
semivital	SVTL	svtl	sextant	SXTN	sxtn
send and receive	SR	SR	sextuple	SXT	sxt
sender	SDR	sdr	shackle	SH	sh
sending	SNDG	sndg	shaft	SFT	sft
senior	SR	sr	shaft alley	SA	SA
sense	SEN	sen	shaft center	SC	SC
sense amplifier	SA	SA	shaft extension	SFTEXT	SFTEXT
sensitive	SENS	sens	shaft gear	SHFGR	SHFGR
sensitivity	SENS	sens	shakeproof	SHPRF	shprf
sensitivity time control	STC	STC	shank	SHK	shk
sensitized	SNTZD	sntzd	shape	SHP	shp
sensitized material print	SMP	SMP	shaped charge	SC	SC
sensitizing	SNTZG	sntzg	share	SH	sh
sensor	SNSR	snsr	sharpener	SHRP	shrp
separate	SEP	sep	shear plate	SP	SP
September	SEP	Sep	shearing	SHRNG	shrng
septuple	SPT	spt	sheathing	SHTHG	shthg
sequence	SEQ	seq	sheave	SHV	shv
			sheet	SH	sh
			sheeting	SH	sh
			shell	SHL	shl

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
shellac	SHL	shl	shoulder	SHLDR	shldr
shell-destroying	SD	SD	shovel	SHVL	shvl
shield	SHLD	shld	shower	SH	sh
shield [electronic device]	SH	SH	shower and toilet	SHT	sht
shielding	SHLD	shld	shower drain	SD	SD
shift	SHF	shf	shown	SHN	shn
shift register	SR	SR	shrapnel	SHRAP	shrap
ship class	SHPCL	SHPCL	shredder	SHRDR	shrdr
ship control	SCONT	SCONT	shrink mock-up template	SMUT	SMUT
ship course	SCOU	SCOU	shroud	SHRD	shrd
ship distance	SDIS	SDIS	shroud fin	SHRDF	SHRDF
ship draft indicating system	SDIS	SDIS	shunt	SH	sh
ship draft indicator	SDIT	SDIT	shunt trip	SHTR	SHTR
ship draft indicator transmitter			shutdown	SHTDN	shtdn
ship inertial navigational system	SINS	SINS	shutoff valve	SOV	SOV
ship parts control center	SPCC	SPCC	shutter	SHTR	shtr
ship service	SS	SS	shuttle	SHTL	shtl
ship service turbo generator	SSTG	SSTG	side dump	SDDUMP	sddump
ship speed	SSP	SSP	side light	SILT	SILT
ship status	SHSTS	SHSTS	side looking radar	SLR	SLR
shipboard	SHPBD	SHPBD	side shift	SDSFT	sdsft
shipboard allowance list	SAL	SAL	side upset jaw	SUJ	SUJ
shipbuilder	SHBLDR	shbldr	side water depth	SWD	SWD
shipfitter	SFTR	sfr	sideband	SB	sb
shipment	SHPT	shpt	side-lobe blanking	SLB	SLB
shipping	SHPNG	shpng	side-lobe cancellation	SLC	SLC
shipping center	SHCR	SHCR	side-lobe suppression	SLS	SLS
shock absorber	SHABS	SHABS	sidewinder	SIWDR	siwdr
shoemaker	SHMKR	shmkr	siding	SDG	sdg
shop missile assembly and maintenance	SMSA	SMSA	signal	SIG	sig
shop order	SO	SO	signal and homing light	SHLT	SHLT
shop replaceable unit	SRU	SRU	signal light bare	SLB	SLB
shore connection	SHCONN	SHCONN	signaling	SNLG	snlg
shore terminal box	STB	STB	signal-to-noise ratio	SNR	SNR
shoreline	SHLN	shln	silence	SIL	sil
short circuit	SHORT	short	silencing	SILG	silg
short range navigation	SHORAN	SHORAN	silicomanganese steel	SMS	SMS
short side	SHTSD	SHTSD	silicon controlled rectifier (see semiconductor controlled rectifier)	—	—
short takeoff and landing	STOL	STOL	silicon precision alloy transistor	SPAT	SPAT
short taper	STPR	STPR	silicon unilateral diffused transistor	SUDT	SUDT
short time constant	SHTC	SHTC	silver	SIL	sil
short turning radius	STR	str	silver braze	SB	SB
short wave	SW	SW	silver brazing	SB	SB
short wheelbase	SWB	SWB	silver brazing union	SBU	SBU
short-circuit ratio	SCR	SCR	silver solder	SILS	SILS
shortleaf yellow pine	SLYP	SLYP	similar	SIM	sim
shot blast	SHBL	SHBL	simplex	SPLX	splx
shot peening	SP	sp			
shots per minute	SPM	SPM			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
simulator	SIM	sim	sleeve metering fuel system	SMFS	smfs
simulator compiler	SIMCOM	SIMCOM	sleeving	SLVG	slvg
sine	SIN	sin	slice	SLC	slc
sine of the amplitude	SN	SN	slide	SL	sl
single	SGL	sgl	sliding	SL	sl
single conductor	SC	sc	sliding door	SLD	SLD
single contact	SC	SC	sliding expansion joint	SEJ	SEJ
single cylinder	SCYL	SCYL	slinger	SLGR	slgr
single end	SE	SE	slip fit	SF	SF
single face	SIF	SIF	slip joint	SJ	SJ
single feeder	SFDR	SFDR	slip ring	SR	SR
single rotating knife	SRKN	SRKN	slop sink	SS	SS
single shot	SS	SS	slope	SLP	slp
single sideband	SSB	SSB	slotted	SLTD	sldt
single sideboard	SSBD	SSBD	slow operate [relay]	SO	SO
single signal	SSIG	SSIG	slow release [relay]	SR	SR
single throw	ST	ST	slow speed	SLSP	SLSP
single tire	ST	ST	slowdown	SLD	sld
single weight	SW	SW	sludge	SLG	slg
single-base solid propellant	SBSP	SBSP	small	SM	sm
single-beam klystron	SBK	SBK	small arms	SA	SA
single-conductor cable	SCC	SCC	smoke	SMK	smk
single-groove [insul]	SG	SG	smoke generator	SMKGEN	SMKGEN
single-groove, single-petticoat [insul]	SGSP	sgsp	smokeless	SMKLS	smkls
single-phase	SPH	SPH	smokeless powder	SP	SP
single-pole	SP	SP	smokestand	SS	ss
single-pole, double-throw	SPDT	SPDT	smooth contour	SC	SC
single-pole, double-throw switch	SPDTSW	SPDTSW	smooth neck	SMNK	SMNK
single-pole, single-throw	SPST	SPST	smooth surface built-up roof	SSBR	SSBR
single-pole, single-throw switch	SPSTSW	SPSTSW	smooth-face structural clay tile	SFSC	SFSC
single-pole switch	SPSW	SPSW	smoothing	SM	sm
single-sided	SS	ss	snatch	SNH	snh
single-swing blocking oscillator	SSBO	SSBO	snorkel	SNKL	snkl
sinter	SNTR	sntr	snubber	SNBR	snbr
sintered	SNTR	sntr	socket	SKT	skt
siphon	SPHN	sphn	socket head	SCH	SCH
siren	SN	sn	socket head cap screw	SHCS	SHCS
situation	SIT	sit	socket welding	SWLDG	SWLDG
sketch	SK	sk	soda fountain	SDFTN	SDFTN
skinned	SK	sk	software	SFW	sfw
skinner	SK	sk	software item identification drawing	SIDD	SIDD
skirt	SKT	skt	software item installation drawing	SIND	SIND
skirted	SKD	skd	soil pipe	SP	SP
skylight	SLT	slt	soil stack	SSK	SSK
slate	SLT	slt	solder	SLDR	sldr
sleeve	SLV	slv	soldering	SLDR	sldr
sleeve bearing	SB	SB	solenoid	SOL	sol
			solenoid valve	SOLV	SOLV

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
solid	SOL	sol	special equipment	SE	SE
solid body	SB	SB	special purpose	SP	SP
solid fiberboard	SFB	SFB	special regulations	SR	SR
solid height	SOLHGT	SOLHGT	special screw	SPSCR	SPSCR
solid neutral	SN	SN	special services	SPS	SPS
solid rocket	SR	SR	special shaped	SPSHP	SPSHP
soluble	SLBL	slbl	special treatment steel	STS	STS
solution	SOLN	soln	special weapons	SPLWPN	SPLWPN
solvent	SLVT	slvt	specific	SP	sp
sonar	SNR	snr	specific fuel consumption	SFC	SFC
sonar control room	SONCR	SONCR	specific gravity	SPGR	SPGR
sonar countermeasures and deception	SONCM	SONCM	specific heat	SPHT	SPHT
sonar nacelle (sonacelle)	SONAC	SONAC	specific impulse	SIMP	SIMP
sonobuoy	SONB	sonb	specific volume	SPVOL	SPVOL
sonoswitch	SONOSW	sonosw	specification	SPEC	spec
soot blower	SB	SB	specification change notice	SCN	SCN
sorting, updating, report generating, etc.	SURGE	SURGE	specification control drawing	SCD	SCD
sound	SND	snd	specimen	SPEC	spec
sound motion picture	SMP	SMP	spectral distribution	SD	SD
sound navigation and ranging	SONAR	SONAR	spectrum analyzer	SA	SA
sound ranging	SR	SR	speed	SP	sp
sound recorder-reproducer	SRR	SRR	speed converter	SPCONV	SPCONV
sounder	SDR	sdr	speed light	SPLT	SPLT
sounding	SNDG	sndg	speed recorder	SR	SR
sounding machine	SMACH	SMACH	speed regulator	SPREG	SPREG
sounding tube	ST	ST	speedometer	SPDOM	SPDOM
soundproof	SNDPRF	sndprf	spherical	SPHER	spher
source	SCE	sce	spherical cartridge	SPCTG	SPCTG
source [electron device]	S	S	spherical radius	SR	SR
source control drawing	S OCD	S OCD	spider	SPDR	spdr
source control number	S OCN	S OCN	spike	SPK	spk
south	S	S	spin block	SB	SB
space	SP	sp	spindle	SPDL	spdl
space heater	SPH	SPH	spin-stabilized [rockets]	SS	SS
spacecraft	SC	sc	spiral	SPL	spl
spacer	SPCR	spcr	splash block	SB	SB
spanner	SPNR	spnr	splashproof	SP	SP
spare	SP	sp	splice	SPLC	spic
spare part	SP	SP	splice list	SPL	SPL
spark	SPK	spk	spline	SPLN	spln
spark ignited	SPIG	spig	split ring	SR	SR
spark plug	SPPL	SPPL	split-phase	SPPH	SPPH
speaker	SPKR	spkr	splitter	SPLTR	spltr
special	SPCL	spcl	splitting	SP	sp
special (comb form)	SP	sp	spool	SP	sp
special [projectile]	SP	sp	spooling	SPG	spg
special cleaning	SPCLN	SPCLN	spot-face	SF	SF
special common [projectile]	SPC	SPC	spot-face other side	SFO	SFO
			spotlight	SLT	slt
			spot-weld	SW	SW

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
sprayed acoustical ceiling	SAC	SAC	starboard	STBD	stbd
sprayer	SPYR	spyr	starboard side light	SSLT	SSLT
spraytight	SPT	spt	start	ST	st
spreader	SPRDR	sprdr	start and stop	STSP	STSP
spring	SPR	spr	starter	START	start
sprinkler	SPR	spr	starting	STG	stg
sprinkling	SPRG	sprg	starting engine	STGENG	stgeng
sprocket	SPRKT	sprkt	statement	STMT	stmt
squadron	SQN	sqn	stateroom	SR	sr
square	SQ	sq	static pressure	STPR	STPR
square centimeter	SQCM	SQCM	static random-access memory	SRAM	SRAM
square foot	SQFT	SQFT	static self-verification	SSV	SSV
square head	SQH	SQH	station	STA	sta
square inch	SQIN	SQIN	station keeping lights	SKLT	SKLT
square kilometer	SQKM	SQKM	stationary	STA	sta
square root	SQRT	SQRT	stator	STTR	sttr
square wave	SQW	SQW	statuary bronze	STBRZ	STBRZ
squeeze grip	SQZGR	SQZGR	status	STAT	stat
squirrel cage	SQCG	SQCG	steady	STDY	stdy
stabilization	STBLN	stbln	steam	ST	st
stabilize	STAB	stab	steam engine direct-connected	SEDC	SEDC
stabilized local oscillator	STALO	STALO	steam generator	STGEN	STGEN
stabilized master oscillator	STAMO	STAMO	steam working pressure	STWP	STWP
stabilized shunt	STSH	STSH	steaming	STMG	stmg
stabilizer	STAB	stab	steel	STL	stl
stable	STB	stb	steel basement window	SBW	SBW
stack	STK	stk	steel cadmium plated	SCDP	SCDP
stage	STG	stg	steer	STR	str
stainless	STNLS	stnls	steering	STRG	strg
stainless steel	SST	SST	steering gear dual emergency	SGDE	SGDE
stairway	STWY	stwy	steering group	SG	SG
stake and platform	SP	SP	steering light	STGLT	STGLT
stamp	STP	stp	Stellite	STLT	stlt
stanchion	STAN	stan	step down	STPDN	stpdn
standard	STD	std	step down and step up	SDNSU	SDNSU
standard instruction set	SIS	SIS	step recovery diode	SRD	SRD
standard military drawing	SMD	SMD	step up	STU	stu
standard nomenclature list	SNL	SNL	stepper	STPR	stpr
standardization	STDZN	stdzn	stereophonic	STEREO	stereo
standardized microcircuit drawing	SMD	SMD	sterilizer	STER	ster
standards committee	SC	SC	stern diving	STDVG	STDVG
standards development organization	SDO	SDO	stern light	STLT	STLT
standby	STBY	stby	stern plane	STPL	STPL
standing instruction	SI	SI	stick	STK	stk
standing wave ratio [voltage]	SWR	SWR	stiffener	STIF	stif
standoff	STDF	stdf	still picture projector	SPP	SPP
standpipe	SP	sp	stimulate	STML	stml
star epitaxial planar	SEP	SEP	stirrup	STIR	stir
			stitch	STCH	stch

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
stock	STK	stk	structural clay tile	SCT	SCT
stock number	SNO	SNO	structural glass	SG	SG
stock number sequence listing	SNSL	SNSL	structure	STRUCT	struct
stock order	SO	SO	Stubs' Wire Gage	SWG	SWG
stone	STN	stn	studio transmitter link	STL	STL
stop order	SO	SO	stuffing	STFG	stfg
stopping	STPNG	stpng	stuffing box	SB	SB
storage	STOR	stor	subassembly	SUBASSY	subassy
storage address register	SAR	SAR	subcaliber	SUBCAL	subcal
store	ST	st	subcarrier authorization	SCA	SCA
storeroom	STRM	strm	subject	SUBJ	subj
storm water	STW	STW	submarine	SUB	sub
stove bolt	SB	SB	submarine mine depot	SMD	SMD
stove rod	SROD	SROD	submerged	SUBMG	submg
stowage	STWG	stwg	submergence	SUBMG	submg
straight	STR	str	submersible	SBM	sbm
straight shank	SS	SS	subminiature	SUBMIN	submin
straight thread [pipe couplings]	NPSC	NPSC	subsequent	SUBQ	subq
straight-line frequency	SLF	SLF	subsoil drain	SSD	SSD
straight-line wavelength	SLWL	SLWL	substation	SUBSTA	substa
strainer	STR	str	substitute	SUBST	subst
strake	STK	stk	substrate	SBSTR	sbstr
strand	STRD	strd	substructure	SUBSTR	substr
stranded	STRD	strd	subsystem	SS	ss
strapped	STRP	strp	subtraction	SUBTR	subtr
strategic	STRAT	strat	succeeding	SUC	suc
strategic missile	SM	SM	suction	SUCT	suct
stratosphere	STRATO	strato	sudden ionospheric disturbance	SID	SID
stream	STR	str	sufficient	SUF	suf
streamline	STRLN	strln	suffix	SUFF	suff
street	ST	st	sulfur trioxide chlorosulfonic acid	FS	FS
strength	STR	str	summary	SMY	smy
stress anneal	SA	SA	summing	SUM	sum
stringer	STGR	stgr	summing selector	SS	SS
strip	STP	stp	sump tank	SMTK	SMTK
stripe	STP	stp	sunny	SNY	sny
stripped	STPD	stpd	supercharge	SPCHG	spchg
stripper	STPR	stpr	superheater	SUPHTR	suphtr
stripping	STR	str	superheterodyne	SUPERHET	superhet
strip-tn	ST	ST	superhigh frequency	SHF	shf
stroboscope	STBSCP	stbscp	superimposed current	SUPCUR	SUPCUR
stroke	STRK	strk	superintendent	SUPT	supt
strong	STRG	strg	superquick	SQ	SQ
strongback	STRBK	strbk	supersede	SUPSD	supsd
structural	STRL	strl	supersensitive	SUPSENS	supsens
structural carbon steel, hard	SCSH	SCSH	supersonic transport	SST	SST
structural carbon steel, medium	SCSM	SCSM	superstructure	SUPERSTR	superstr
structural carbon steel, soft	SCSS	SCSS	supervise	SUPV	supv

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
supervision	SPVN	spvn	switchband wound [relay]	SW	SW
supplement	SUPPL	suppl	switchboard	SWBD	swbd
supplemental specification frame	SSF	SSF	switchgear	SWGR	swgr
supplier	SUPL	supl	switchgear block	SGB	SGB
supply	SPLY	sply	switchover	SWOV	swov
support	SPRT	sprt	swivel	SWVL	swvl
support equipment	SE	SE	symbol	SYM	sym
suppression	SUPPR	suppr	symmetrical	SYMM	syymm
suppressor	SUPPR	suppr	symposium	SYMP	symp
surface	SURF	surf	synchro switch	SSW	SSW
surfaced or dressed four sides	S4S	S4S	synchro tie	SYNTI	SYNTI
surfaced or dressed one side	S1S	S1S	synchronization bit	SB	SB
surfaced or dressed one side and one edge	S1S1E	S1S1E	synchronization indicator	SYNIND	SYNIND
surfaced or dressed two sides	S2S	S2S	synchronize	SYNC	sync
surface-to-air missile	SAM	SAM	synchronizing lamp	SYNLP	SYNLP
surface-to-surface missile	SSM	SSM	synchronizing receptacle	SYNRECP	SYNRECP
surface-to-underwater missile	SUM	SUM	synchronous	SYN	syn
surge	SRG	srg	synchronous converter	SYNCCONV	SYNC-CONV
surgical	SURG	surg	synchronous dynamic random access memory	SDRAM	SDRAM
survey	SURV	surv	synchronous-orbiting communications	SYNCOM	SYNCOM
survival	SRVL	srvl	synchroscope	SYNSCP	synscp
suspend	SUSP	susp	synthetic	SYNTH	synth
suspended acoustical-plaster ceiling	SAPC	SAPC	syringe	SRNG	srng
suspended acoustical-tile ceiling	SATC	SATC	système international d'unités	SI	SI
suspended plaster ceiling	SPC	SPC	system	SYS	sys
suspended sprayed acoustical ceiling	SSAC	SSAC	system noise figure	SNF	SNF
suspension	SPNSN	spnsn	Systems Modeling Language	SysML	SysML
sustaining	STNG	stng	T		
swage	SWG	swg	table lookup	TLU	TLU
swamp glider	SG	SG	table solution	TABSOL	TABSOL
swash	SW	sw	tables of equipment	TE	TE
swash bulkhead	SWBHD	SWBHD	tables of organization	TO	TO
sweat	SWT	swt	tables of organization and equipment	TOE	TOE
sweep	SWP	swp	tabulate	TAB	tab
sweep expand	SWPEXP	SWPEXP	tabulator simulator	TABSIM	TABSIM
sweep integrator	SWPINTEG	SWPINTE-G	tachometer	TACH	tach
sweet dough	SDGH	SDGH	tachometer voltmeter	TVM	TVM
swing	SWG	swg	tackle	TKL	tkl
swinging bracket	SWGBKT	SWGBKT	tactical	TAC	tac
swinging door	SWGD	SWGD	tactical air navigation	TACAN	TACAN
switch	SW	sw	tactical data entry	TACDEN	TACDEN
switch rails	SWR	SWR	tactical missile	TM	TM
switch stand	SWS	SWS	tactical range recorder	TRR	TRR
switch ties	SWT	SWT	tail fuze	TFZ	TFZ

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
tail gate	TGT	TGT	telegraph	TLG	tlg
tail gear	TG	TG	telegraph system	TS	TS
tail landing gear	TLG	TLG	telemeter	TLM	tlm
tail shaft	TLSFT	tlsft	telemeter transmitter	TMX	TMX
tail wind	TW	tw	telemetry	TLMY	tlmy
tailor	TAL	tal	telemetry processor module	TPM	TPM
tailpiece	TLPC	tlpc	telemotor	TELMTR	telmtr
tally	TLY	tly	telephone	TEL	tel
tandem	TDM	tdm	telephone booth	TELB	TELB
tangent	TAN	tan	telephone interference factor	TIF	TIF
tank destroyer	TD	TD	telephone station	TEL	TEL
tanker	TKR	tkr	telephotograph	TPHO	tpho
tanker [aircraft]	K	k	teleprinter	TPR	tptr
tanned	TAN	tan	telescope	TLSCP	tlscp
tape control unit	TCU	TCU	teletype	TT	tt
tape core	TC	TC	teletypewriter	TTY	tty
tape distributor	TDISTR	TDISTR	teletypewriter exchange	TWX	TWX
tape drive	TPDR	TPDR	television	TV	tv
tape phase inverter	TPI	TPI	television interference	TVI	TVI
tape-operated system	TOS	TOS	temper	TEM	tem
tape-pack	TAPAK	TAPAK	temperature	TEMP	temp
taper	TPR	tptr	temperature compensating	TC	TC
taper pipe thread	NPT	NPT	temperature differential	TD	TD
taper pipe thread [railing fixtures]	NPTR	NPTR	temperature indicating controller	TIC	TIC
taper shank	TS	TS	temperature meter	TM	TM
tappet	TPT	tpt	temperature switch	TSW	TSW
tapping	TPG	tpg	temperature well	TW	TW
target	TGT	tgt	tempered	TMPD	tmpd
target designation transmitter	TDT	TDT	tempered water	TW	TW
target Doppler nullifier	TDN	TDN	tempering	TMPRG	tmprg
target identification	TI	TI	template	TEMPL	templ
target practice	TP	TP	temporary	TEMP	temp
target practice with tracer	TPT	TPT	temporary construction hole	TCH	TCH
tarpaulin	TARP	tarp	tenderizer	TNDZR	tndzr
task parameter synthesizer	TPS	TPS	tensile	TNSL	tnsl
taxiway	TWY	twy	tensile strength	TS	TS
T-bar [structural shape]	T	T	tension	TNSN	tnsn
teamwork	TW	tw	tentative	TNTV	tntv
technical	TECH	tech	teraohmmeter	TOHM	tohm
technical ammunition	TAM	TAM	terminal	TERM	term
technical bulletin	TB	TB	terminal block	TBLK	tblk
technical circular	TC	TC	terminal board	TB	TB
technical control	TC	TC	terminal protective device	TPD	TPD
technical manual	TM	TM	termination	TERMN	termn
technical note	TN	TN	terneplate	TRPL	trpl
technical order	TO	TO	terra cotta	TC	TC
technical report	TR	TR	terrain-avoidance radar	TAR	TAR
teeth	T	T	terrain-clearance indicator	TCI	TCI
telecommunications	TELECOM	telecom	terrazzo	TER	ter

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
terrazzo base	TERB	TERB	threaded neck	THDNK	THDNK
tertiary	TER	ter	threadpiece	THDPC	thdpc
test and evaluate	TE	TE	three pole	3P	3P
test equipment	TSTEQ	TSTEQ	three-conductor	3C	3C
test link	TLK	TLK	three-dimensional	3D	3D
test point	TP	TP	three-phase	3PH	3PH
test specification [no number]	TSPEC	TSPEC	three-pole, double-throw	3PDT	3PDT
test specification [number]	TS	TS	three-pole, single-throw	3PST	3PST
test switch	TSW	TSW	three-stage	3STG	3STG
tester	TSTR	tstr	three-way	3WAY	3WAY
testing	TSTG	tstg	three-wire	3W	3W
testing and popping	TSPOP	TSPOP	throat	THRT	thrt
testing device	TD	TD	throttle	THROT	throt
tetrachloride	TET	tet	throttle reset	TRST	TRST
tetrafluoroethylene	TETFLEYNE	tetfleyne	through	THRU	thru
tetrode	TET	tet	thrower	THWR	thwr
textile	TXTL	txtl	throwout	THWT	thwt
texture	TEX	tex	thrust	THR	thr
that is	IE	ie	thrust line	TL	TL
theoretical	THEOR	theor	thrust shell	THRSHL	THRSHL
theoretical point of fog	TPF	TPF	thrust termination unit	TTU	TTU
theoretical supplemental surface	TSS	TSS	thyatron core driver	TCD	TCD
therm	THM	thm	thyatron motor control	THYMOTROL	THYMO-TROL
thermal	THRM	thrm	thyristor	THYR	THYR
thermal converter	THC	THC	ticket	TKT	TKT
thermal demand transmitter	TDX	TDX	tie line	TL	TL
thermal element	TE	TE	tie plate	TP	TP
thermistor	THMS	thms	tight joints	NPTF	NPTF
thermocouple	TC	tc	tight wrapped	TW	TW
Thermoid	TH	th	tightening	TTNG	ttng
thermometer	THERM	therm	tile base	TB	TB
thermostat	THERMO	thermo	tile block	TB	TB
thermostatic	THRMSTC	thrmstc	tile drain	TD	TD
thick	THK	thk	tile floor	TF	TF
thick film	THKF	THKF	tile shingle roof	TSR	TSR
thickener	THKNR	thknr	tile threshold	TT	TT
thicker	THKR	thkr	tile wainscot	TW	TW
thickness	THKNS	thkns	tiller	TLR	tlr
thimble	TMB	tmb	tilting	TLG	tlg
thin film	TF	TF	timber	TMBR	tmbr
thin-film transistor	TFT	TFT	time and superquick	TSQ	TSQ
thinner	TNR	tnr	time compliance technical order	TCTO	TCTO
third stage	3STG	3STG	time constant	TC	TC
thread	THD	thd	time delay	TD	TD
thread both ends	TBE	TBE	time division multiplex	TDM	TDM
thread cutting	TC	TC	time meter	TIM	TIM
thread for press-tight joints	NPSF	NPSF	time of fail	TF	TF
thread forming	TF	TF	time of flight	TMFL	TMFL
thread one end	TOE	TOE			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
time of rise	TR	TR	total indicator reading	TIR	TIR
time of variation of gain	TVG	TVG	total load	TLLD	TLLD
time opening	TO	TO	total time	TT	TT
time since new	TSN	TSN	total trim	T	T
time since overhaul	TSO	TSO	totalize	TOTLZ	TOTLZ
time switch	TS	TS	totalizing relay	TOR	TOR
timed	TMD	tmd	totally enclosed	TE	TE
timed closing	TC	TC	totally enclosed, fan-cooled	TEFC	TEFC
time-delay closing	TDC	TDC	touch-tone multifrequency	TTMF	TTMF
time-delay opening	TDO	TDO	towel rack or rod	TR	TR
timer	TMR	tmr	tower	TWR	twr
timing	TMG	tmg	towing	TOW	tow.
timing and telemetry	TT	TT	trace	TR	tr
tinned	TND	tnd	tracer	TRCR	trcr
Tobin bronze	TOBBRZ	TOBBRZ	tracer number	TN	TN
toboggan	TOB	tob	track	TRK	trk
toggle	TGL	tgl	track data simulator	TDS	TDS
toilet	T	t	track data storage	TDST	TDST
toilet case	TC	TC	track imitation	TIM	tim
toilet-paper holder	TH	TH	track initiate	TI	TI
tolerance	TOL	tol	tracking	TRKG	trkg
tolerance zone framework	TZF	TZF	tracking and guidance	TG	TG
tone and alarm	TNALM	TNALM	tracking radar input and correlation	TRIC	TRIC
tone modulation	TM	TM	tracks per inch	TPI	tpi
tongue	TNG	tng	trackway	TRWA	TRWA
tongue and groove	TG	TG	trade name	TRN	TRN
tongueless	TGLS	tgls	trade pattern	TRP	TRP
tool steel	TS	TS	traffic	TRFC	trfc
toothed ring	TR	TR	trailer	TRLR	trlr
top and bottom	TB	TB	trailer mounted	TLRMTD	TLRMTD
top and bottom bolt	TBB	TBB	trailing	TRG	trg
top chord	TC	TC	trailing edge	TE	TE
top dead center	TDC	tdc	trailing edge radius	TER	TER
top of frame	TFR	TFR	train	TN	tn
topping	TOPG	topg	trainer	TRNR	trnr
torpedo	TORP	torp	training	TNG	tng
torpedo battery	TBATT	TBATT	training manual	TM	TM
torpedo group	TG	TG	trajectory	TRAJ	traj
torpedo part of beam	TP	TP	transaction	TRAN	tran
torque	TRQ	trq	transceiver	XCVR	xcvr
torque converter	TC	tc	transcribe	TRSCB	trscb
torque-differential receiver	TDR	TDR	transcriber	TRSBR	trsbr
torquemeter	TORM	torm	transcribing	TRSBG	trsbg
torsiograph	TORSIO	torsio	transducer	XDCR	xdcr
torsion	TRSN	trsn	transfer	XFR	xfr
torsional	TORNL	tornl	transferred-electron logic device	TELD	TELD
toss bomb computer	TBC	TBC	transformer	XFMR	xfmr
total	TOT	tot	transistor	XSTR	xstr
total dynamic head	TDH	TDH			
total harmonic distortion	THD	THD			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
transistor driver core memory	TDCM	TDCM	tributary	TRIB	trib
transistor-transistor logic	TTL	TTL	trick wheel	TRKWHL	TRKWHL
transistor under test	TUT	TUT	trigger	TRIG	trig
transistor voltmeter	TVM	TVM	triggering	TRIG	trig
transistorized	TSTRZ	tstrz	trigonometry	TRIG	trig
transition	TRNSN	trnsn	trim after forming	TAF	TAF
transitional testing [aircraft]	Y	Y	trimmer	TRMR	trmr
translator	XLTR	xltr	trinitrotoluene	TNT	tnt
transmission	XMSN	xmsn	triode	TRI	tri
transmit	XMT	xmt	trip coil	TC	TC
transmit gain control	TGC	TGC	triple	TPL	tpl
transmit-receive	TR	TR	triple wall	TPLW	tplw
transmittal	XMTL	xmtl	triple-pole	3P	3P
transmittance	TRANS	trans	triple-pole, double-throw	3PDT	3PDT
transmitted	XMTD	xmtd	triple-pole, double-throw switch	3PDTSW	3PDTSW
transmitter	XMTR	xmtr	triple-pole, single-throw	3PST	3PST
transmitter distributor	TD	TD	triple-pole, single-throw switch	3PDTSW	3PDTSW
transmitter receiver	TR	TR	triple-pole switch	3PSW	3PSW
transmitting	XMTG	xmtg	triple-throw	3T	3T
transom	TR	tr	triplex	TRX	trx
transparent	TRANS	trans	tripped	TRP	trp
transport vehicle	TV	TV	tripping	TRP	trp
transportable satellite communications link terminal	TSCLT	TSCLT	trolley	TRLY	trly
transportation	TRANSP	transp	troposphere	TROPO	tropo
transpose	TRNPS	trnps	truck	TRK	trk
transposition	TPSN	tpsn	true airspeed	TAS	TAS
transverse	TRANSV	transv	true position	TP	TP
transverse electric	TE	TE	true position tolerance	TPTOL	TPTOL
transverse electromagnetic	TEM	TEM	true profile	TP	TP
transverse expansion joint	TEJ	TEJ	truncated whitworth coarse thread	TWC	TWC
transverse magnetic	TM	TM	truncated whitworth fine thread	TWF	TWF
trapezoid	TRAP	trap	truncated whitworth special thread	TWS	TWS
trapped-plasma avalanche triggered transit	TRAPATT	TRAPATT	trunk	TRK	trk
travel limit	TRVLMT	TRVLMT	trunnion	TRUN	trun
traveler	TRVLR	trvlr	truss	TR	tr
traveling	TRVLG	trvlg	truss head	TRH	TRH
traveling wave	TW	TW	tube axial	TBAX	TBAX
traveling-wave multiple-beam klystron	TWMBK	TWMBK	tube sheet	TS	TS
traveling-wave tube	TWT	TWT	tube sheet inlet and outlet head	TSIOH	TSIOH
traversing	TRAV	trav	tube under test	TUT	TUT
tread	TRD	trd	tubing	TBG	tbg
treated	TRTD	trtd	tumble	TMB	tmb
treated hard-pressed fiberboard	THPFB	THPFB	tumbler	TBLR	tblr
treatment	TRTMT	trtmt	tune-controlled gain	TCG	TCG
treble	TRB	trb	tuned radio frequency	TRF	TRF
triangle	TRNGL	trngl			

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Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
Unified coarse thread	UNC	UNC	upward	UPWD	upwd
Unified extra fine thread	UNEF	UNEF	urinal	UR	ur
Unified fine thread	UNF	UNF	urinal water closet	URWC	URWC
Unified Modeling Language	UML	UML	USA standard	USAS	USAS
unified S-band	USB	USB	usage	USG	usg
Unified special thread	UNS	UNS	use as required	UAR	UAR
uniform	UNIF	unif	used on	UO	UO
Uniform System [lens marking]	US	US	used with	UW	UW
uniformity coefficient	UNIFCOEF	UNIFCOEF	utensil	UTN	utn
unijunction transistor	UJT	UJT	utility	UTIL	util
uninterruptible power supply	UPS	UPS	utility binary dump	UBD	UBD
union	UN	un	utility room	UR	UR
union bonnet	UNB	UNB	utilization	UTIL	util
unique identification	UID	UID	utilization of enemy electromagnetic radiation	UTEELRAD	UTEELRAD
unique item identification	UII	UII			
unit check	UK	UK	V		
unit cooler	UC	UC	vacant	VAC	vac
unit heater	UH	UH	vacuum	VAC	vac
unit injector	UI	ui	vacuum induction melt-vacuum arc remelt	VIMVAR	VIMVAR
unit under test	UUT	UUT	vacuum tube	VT	VT
unit weight	UWT	UWT	vacuum-tube voltmeter	VTVM	VTVM
United States	US	US	valley	VAL	val
United States Gage	USG	USG	value	VAL	val
United States Pharmacopeia	USP	USP	value engineering	VE	VE
universal	UNIV	univ	valve	V	v
universal asynchronous receiver-transmitter	UART	UART	valve box	VB	VB
universal product code	UPC	UPC	valve lash	VL	vl
unknown	UNK	unk	valve seat	VST	VST
unless otherwise specified	UOS	UOS	valve stem	VSTM	VSTM
unlimited	UNLIM	unlim	vandalism	VANDAL.	vandal.
unloading	UNL	unl	Vandyke	VD	vd
unlocking	UNLKG	unlkg	vane axial	VNXL	VNXL
unmarked	UNMKD	unmkd	vapor seal	VS	VS
unmounted	UNMTD	unmtd	vaporize	VPR	vpr
unregulated	UNRGLTD	unrgltd	vaporproof	VAPPRF	vapprf
unsatisfactory material notice	UMN	UMN	vaportight	VT	vt
unsatisfactory report	UR	UR	varactor	VRCTR	VRCTR
unsensitized	USTZD	ustzd	var-hour meter	VARHM	VARHM
unsuppressed	UNSUPPR	unsuppr	variable	VAR	var
untreated	UTRTD	utrttd	variable delivery	VDEL	VDEL
untreated hard-pressed fiberboard	UHPFB	UHPFB	variable floating point	VFLPT	VFLPT
untwist	UNTW	untw	variable frequency	VF	VF
updraft	UPDFT	updft	variable gain amplifier	VGA	VGA
upper	UPR	upr	variable resistor	VARISTOR	VARISTOR
upper and lower	UL	UL	variable time (fuse)	VT	VT
upper control limit	UCL	UCL	variable-control oil pressure	VCOP	VCOP
upper sideband	USB	USB	variable-frequency clock	VFREQCLK	VFREQCLK
upright	URT	urt			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
variable-frequency oscillator	VFO	VFO	vertical radial	VTR	VTR
variable-threshold logic	VTL	VTL	vertical reference line	VRL	VRL
variable-voltage transformer	VARITRAN	varitran	vertical takeoff and landing	VTOL	VTOL
variance	VAR	var	vertical volute spring	VVSS	VVSS
variation	VAR	var	suspension		
variety	VRTY	vrty	very high frequency	VHF	VHF
various	VAR	var	very high frequency direction finding	VHFDF	VHFDF
varistor	VRIS	vriss	very high frequency omnidirectional radio	VOR	VOR
varmeter	VARM	varm	very high frequency omnirange localizer	VORLOC	VORLOC
varnish	VARN	varn	very large-scale integration	VLSI	VLSI
varnished cambric [insul]	VC	VC	very long range	VLR	VLR
varying	VRYG	vryg	very low altitude	VLA	VLA
vault door	VD	VD	very low frequency	VLF	VLF
vegetable	VEG	veg	vestibule	VEST	vest
vehicle	VEH	veh	vestigial sideband	VS	VS
vehicle identification number	VIN	VIN	vestigial-sideband modulation	VSM	VSM
vellum	VEL	vel	vibrate	VIB	vib
velocity	VEL	vel	vibration	VIB	vib
velocity modulation	VM	VM	Vickers hardness	VH	VH
vendor item control drawing	VICD	VICD	video [adjective]	VID	vid
vent hole	VH	VH	video amplifier	VIDAMP	VIDAMP
vent pipe	VP	VP	video display terminal	VDT	VDT
vent stack	VS	VS	video frequency	VIDF	VIDF
ventilate	VENT	vent	video integration	VINT	VINT
ventilating deadlight	VDL	VDL	videotape recorder	VTR	VTR
ventilating equipment	VE	VE	village	VIL	VIL
ventilator	VENT	vent	violet	V	v
verbatim	VERB	verb	violet	VIO	vio
verification	VERIF	verif	viscometer	VISMR	vismr
verification and validation	V&V	V&V	viscosity	VISC	visc
verify	VERFY	verfy	viscosity index	VI	VI
vernier	VERN	vern	visible	VSBL	vsbl
versatile	VERST	verst	visual	VIS	vis
versed sine	VERS	vers	visual aural radio range	VARR	VARR
version	VER	ver	visual flight rules	VFR	VFR
Version Description Document	VDD	VDD	visual glide slope	VGS	VGS
versus	VS	vs	visual identification	VISID	VISID
vertex	VTX	vtx	vital information management system	VIMS	VIMS
vertical	VERT	vert	vital load center	VLC	VLC
vertical (comb form)	V	v	vitreous	VIT	vit
vertical and short takeoff and landing	VSTOL	VSTOL	vitrified clay	VC	VC
vertical center line	VCL	VCL	vitrified clay tile	VCT	VCT
vertical centrifugal	VCE	VCE	voice	VO	vo
vertical impulse	VIMP	VIMP	voice coil	VC	VC
vertical ladder	VL	VL	voice frequency	VF	VF
vertical location of the center of buoyancy	VCB	VCB			
vertical location of the center of gravity	VCG	VCG			

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
voice frequency carrier teletype	VFCTT	VFCTT	wardroom	WR	wr
voice frequency telegraph	VFTLG	VFTLG	warehouse	WHSE	whse
voice tube	VT	VT	warhead	WARHD	warhd
voice-actuated transmitter keyer inhibitor	ANTIVOX	ANTIVOX	warming	WM	wm
voice-operated device for automatic transmission	VODAT	VODAT	warning	WRN	wrn
voice-operated transmitter keyer	VOX	VOX	warping	WRPG	wrpg
volt	V	V	warranty	WARR	warr
volt per meter	VM	VM	wash bucket	WB	WB
volt per mil	VMIL	VMIL	wash fountain	WF	WF
voltage control transfer	VCT	VCT	Washburn and Moen gage	WMGA	WMGA
voltage detector	VDET	VDET	washer	WSHR	wshr
voltage drop	VD	VD	washing	WSHG	wshg
voltage regulator	VR	VR	washroom	WR	wr
voltage relay	VRLY	VRLY	waste	W	w
voltage standing-wave ratio	VSWR	VSWR	waste pipe	WP	WP
voltage-adjusting rheostat	VADJR	VADJR	waste stack	WS	WS
voltage-controlled oscillator	VCO	VCO	water	WTR	wtr
voltage-tunable magnetron	VTM	VTM	water chiller	WCHR	WCHR
voltage-variable capacitor	VVC	vvc	water closet	WC	WC
volt-ammeter	VAM	vam	water cooler	WCR	WCR
volt-ampere	VA	VA	water fog	WFG	WFG
voltmeter	VM	vm	water heater	WH	WH
voltmeter switch	VS	VS	water jacket	WJ	WJ
volt-ohm-milliammeter	VOM	VOM	water meter	WM	WM
volume	VOL	vol	water pump	WP	WP
volume indicator	VI	VI	water round torpedo	WRT	WRT
volume of compartment	VC	VC	water surface	WS	WS
volume unit	VU	VU	water turbine	WTURB	WTURB
volumetric	VLMTRC	VLMTRC	water turbine, closed-coupled	WTCC	WTCC
volute	VLТ	VLТ	water turbine, direct	WTD	WTD
vulcanize	VULC	VULC	water-cooled	WCLD	WCLD
W			waterline	WL	wl
wafer	WFR	wfr	waterproof	WTRPRF	wtrprf
wagon	WAG	wag	waterproof fan-cooled	WPFC	WPFC
wagon box	WB	WB	waterproof shroud	WPS	WPS
wainscot	WA	wa	waterproofing	WPG	wpg
waiting	WTG	wtg	watertight	WTRTT	wtrtt
wake light	WKLT	WKLT	waterwall	WW	ww
wall hydrant	WH	WH	waterwheel	WWHL	wwhl
wall receptacle	WR	WR	watt	W	W
wall vent	WV	WV	watt demand meter	WDM	WDM
wallboard	WLB	WLB	watt-hour	WH	Wh
walseal	WLSL	WLSL	watt-hour demand meter	WHDM	WHDM
wanigan	WAN	wan	watt-hour demand meter, thermal type	WHT	WHT
wardrobe	WRB	wrb	watt-hour meter	WHM	WHM
			watt-hour meter with contact device	WHC	WHC
			watt-hour meter with loss compensator	WHL	WHL
			wattmeter	WM	wm

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
waveguide	WG	wg	wind direction	WDIR	WDIR
wavelength	WL	wl	wind load	WL	WL
weakened plane joint	WPJ	WPJ	winder	WNDR	wndr
weapon	WPN	wpn	winding	WDG	wdg
weapon carrier	WC	WC	winding to winding	WW	ww
weapon system	WS	WS	windlass	WNDLS	wndls
wearing	WRG	wrg	window	WDO	wdo
weather	WEA	wea	window dimension	WD	WD
weather resistant	WR	WR	window guard	WG	WG
weather seal	WSL	WSL	window unit	WU	WU
weather stripping	WS	WS	windshield	WSHLD	wshld
weatherproof	WTHPRF	wthprf	wing	WG	WG
weatherproof [insul]	WP	wp	wing chord plane	WCP	WCP
weathertight	WEAT	weat	wing reference line	WRL	WRL
webbing	WBG	wbg	wing station	WG STA	WG STA
wedge	WG	wg	winterize	WTRZ	wtrz
week	WK	wk	wipe out	WO	WO
weight	WT	wt	wiping	WPG	wpg
weighting	WTG	wtg	wire (comb form)	W	w
welded	WLD	wld	wire assembly	WA	WA
welder	WLDR	wldr	wire gage	WG	WG
weldless	WLDS	wlds	wire glass	WGL	WGL
west	W	W	wire list	WL	WL
wet bulb	WB	WB	wire mesh	WM	WM
wet process	WP	WP	wire rope	WR	WR
wetted surface	WS	WS	wire schedule	WS	ws
whale boat	WB	WB	wire-bound	WBD	WBD
wheel	WHL	whl	wireway	WW	ww
wheelbarrow	WB	wb	wire-wound	WW	WW
wheelbase	WB	wb	wiring	WRG	wrg
wheelhouse	WH	wh	wiring around frame	WAF	WAF
when practical	WP	wp	wiring harness	WH	wh
whistle	WSTL	wstl	with (comb form)	W	W
white	W	w	with blowout	WBO	WBO
white	WHT	wht	with equipment and spare parts	WESP	WESP
white indicating lamp	WIL	WIL	withdrawn	WD	WD
white light	WL	WL	without	WO	WO
white phosphorus	WP	WP	without blowout	WOBO	WOBO
white room	WR	WR	without equipment and spare	WOESP	WOESP
white scale	WHS	WHS	wood awning-type window	WATW	WATW
whole depth	WD	WD	wood base	WB	WB
wide band	WB	WB	wood block floor	WBF	WBF
wide-area data service	WADS	WADS	wood blocking	WBL	WBL
wide-area telecommunications service	WATS	WATS	wood boring	WDBOR	WDBOR
width	WD	wd	wood casement window	WCW	WCW
width across flats	WAF	WAF	wood door	WD	WD
wildcat	WLC	wlc	wood door and frame	WDF	WDF
winch	WN	wn	wood furring strips	WFS	WFS
			wood jalousie	WJ	WJ

Table 8-1 Words and Terms and Their Abbreviations (Cont'd)

Term	Drawings	Text	Term	Drawings	Text
wood panel	WDP	WDP	wrench	WR	wr
wood pattern	WP	WP	wringer	WRGR	wrgr
wood shingle roof	WSR	WSR	wrist pin	WSTPN	WSTPN
wood threshold	WT	WT	writable control store	WCS	WCS
woodcutting	WCTG	wctg	writer	WR	wr
wooden box [ammo]	WBX	WBX	wrong direction	WRDIR	WRDIR
woodruff	WDF	wdf	wrought	WRT	wrt
word buffer register	WBR	WBR	wrought brass	WBRS	WBRS
word combiner and multiplexer	WCM	WCM	wrought iron	WI	WI
word processing	WP	WP	wrought steel	WS	WS
work breakdown structure	WBS	WBS			
work in process	WIP	wip	Y		
work light	WKLT	wklt	yard	YD	yd
work line	WL	WL	yardarm	YD	YD
work tool	WKTL	wktl	year	YR	yr
workbench	WB	wb	yellow	Y	y
working circle	WC	WC	yellow	YEL	yel
working point	WP	WP	yellow indicating lamp	YIL	YIL
working pressure	WPR	WPR	yellow light	YLT	YLT
working steam pressure	WSP	WSP	yellow varnished cambric [insul]	YVC	YVC
working voltage	WV	WV	yield point	YP	YP
workshop	WKS	wks	yield strength	YS	YS
workshop assembly [torpedo]	WA	WA			
workshop unit [torpedo]	WU	WU	Z		
worm gear	WMGR	WMGR	zero adjusted	ZA	ZA
worm shaft	WMSFT	wmsft	zero temperature coefficient	ZTC	ZTC
worm wheel	WMWHL	wmwhl	zinc yellow chromate	ZY	ZY
wound	WND	wnd			
wrecker	WRK	wrk			
wrecking	WRK	wrk			

GENERAL NOTES:

- (a) The material in this section is in alphabetical order based on the entries under the heading "Term."
 (b) Bracketed ([]) modifiers may appear with certain terms to indicate alternate technology-specific applications for that term. See also [section 5](#).

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms

Drawings	Text	Term	Drawings	Text	Term
—	—	acetate [insul] (see cellulose acetate)	AA	AA	antiaircraft
—	—	silicon controlled rectifier (see semiconductor controlled rectifier)	AA	AA	armature accelerator
1/2DP	1/2dp	half dog point	AA	aa	air-to-air
1/2H	1/2h	half-hard	AAA	AAA	antiaircraft artillery
1/2RD	1/2rd	half-round	AAC	AAC	acquisition advice code
2C	2C	two-conductor	AAC	AAC	antiaircraft common
2D	2D	two-dimensional	AAFC	AAFC	antiaircraft fire control
2DIG	2DIG	two-digit	AAI	AAI	air-to-air identification
2PH	2PH	two-phase	AAL	AAL	aircraft approach light
2STG	2STG	two-stage	AAM	AAM	air-to-air-missile
2W	2W	two-wire	AAN	AAN	advance alteration notice
2WAY	2WAY	two-way	AAO	aao	antiair output
3C	3C	three-conductor	AASD	AASD	antiaircraft self-destructing
3D	3D	three-dimensional	AB	AB	adapter booster
3P	3P	three pole	AB	AB	anchor bolt
3P	3P	triple-pole	AB	ab	afterburner
3PDT	3PDT	three-pole, double-throw	AB	ab	air blast
3PDT	3PDT	triple-pole, double-throw	ABAR	ABAR	advanced battery acquisition radar
3PDTSW	3PDTSW	triple-pole, double-throw switch	ABBR	abbr	abbreviate
3PH	3PH	three-phase	ABC	ABC	automatic brightness control
3PST	3PST	three-pole, single-throw	ABCB	ABCB	air blast circuit breaker
3PST	3PST	triple-pole, single-throw	ABCP	ABCP	automatic bias compensation
3PSTSW	3PSTSW	triple-pole, single-throw switch	ABDNSHP	abdnshp	abandon ship
3PSW	3PSW	triple-pole switch	ABL	abl	above baseline
3STG	3STG	third stage	ABN	abn	airborne
3STG	3STG	three-stage	ABNL	abnl	abnormal
3T	3T	triple-throw	ABRS	ABRS	abrasion
3W	3W	three-wire	ABRSV	abrsv	abrasive
3WAY	3WAY	three-way	ABRSVRES	abrsvres	abrasive-resistant
4/C	4/c	four-conductor	ABS	abs	absolute
4D	4d	four-dimensional	ABSC	ABSC	automatic bass compensation
4P	4p	four-pole	ABSCLG	absclg	absolute ceiling
4PDTSW	4PDTSW	four-pole, double-throw switch	ABSORB	absorb	absorption
4PSTSW	4PSTSW	four-pole, single-throw switch	ABSTR	abstr	abstract
4PSW	4PSW	four-pole switch	ABSW	absw	air-break switch
4STG	4STG	four-stage	ABT	abt	about
4STG	4STG	fourth stage	ABT	ABT	air blast transformer
4W	4W	four-wire	ABV	abv	above
4WAY	4WAY	four-way	ABWC	ABWC	automatic bandwidth control
A			AC	AC	aerodynamic center
A	A	ampere	AC	AC	alternating current
A	A	anode [electron device]	AC	AC	asbestos cement
A	a	anti (comb form)	AC	ac	air conditioning
A	a	astragal	ACB	ACB	air circuit breaker
AA	AA	arithmetic average	ACB	ACB	asbestos-cement board
			ACC	acc	accumulator
			ACCEL	accel	accelerate
			ACCESS	access	accessory
			ACCLRM	acclrm	accelerometer

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
ACCOM	accom	accommodate	AD	ad	analog-to-digital
ACCT	acct	account	AD	ad	anode
ACCUM	accum	accumulate	ADAPT	adapt	adaptation
ACCUR	accur	accurate	ADC	ADC	air data computing
ACDT	acdt	accident	ADC	ADC	analog-to-digital converter
ACE	ACE	automatic checkout equipment	ADCN	ADCN	Advance Drawing Change Notice
ACET	acet	acetylene	ADD	add	addendum
ACFT	acft	aircraft	ADD	add	addition
ACG	acg	angiocardiogram	ADDL	addl	additional
ACIRC	acirc	air circulating	ADDT	addt	additive
ACK	ack	acknowledge	ADF	ADF	automatic direction finder
ACKTX	ACKTX	automatic circuit exchange	ADH	adh	adhere
ACLD	acld	air-cooled	ADH	adh	adhesive
ACLE	ACLE	automatic clutter eliminator	ADJ	adj	adjacent
ACLTR	acltr	accelerator	ADJ	adj	adjust
ACM	ACM	asbestos-covered metal	ADJSP	adjsp	adjustable speed
ACN	ACN	advance change notice	ADMG	admng	admitting
ACO	aco	action cutout	ADMIN	admin	administer
ACPT	acpt	accept	ADP	ADP	automatic data processing
ACPTR	acptr	acceptor	ADPTR	adptr	adapter
ACQ	acq	acquire	ADRS	adrs	address
ACQ	acq	acquisition	ADS	ADS	automatic door seal
ACR	acr	across	ADSORB	adsorb	adsorbent
ACRFLT	ACRFLT	across flats	ADT	ADT	average daily traffic
ACRYL	acryl	acrylic	ADV	adv	advance
ACS	ACS	accumulator switch	ADVSY	advsy	advisory
ACS	ACS	alternating current synchronous	AE	AE	air escape
ACS	acs	access	AE	ae	armament and electronics
ACSR	ACSR	aluminum conductor steel reinforced	AIECP	AIECP	advance engineering change proposal
ACST	ACST	access time	AED	AED	Aerospace and advanced engineering drawing
ACST	acst	acoustic	AEG	AEG	active element group
ACT	ACT	algebraic compiler and translator	AEI	AEI	average efficiency index
ACT	act	activity	AEM	AEM	auxiliary equipment manufacturer
ACTE	acte	actuate	AEO	AEO	advance engineering order
ACTG	actg	actuating	AER	AER	after engine room
ACTL	actl	actual	AERO	aero	aeronautic
ACTN	actn	action	AERODYN	aerodyn	aerodynamic
ACTR	actr	actuator	AEROL	aerol	aerological
ACTT	actt	acetate	AETA	aeta	automatic electronic traction aid
ACTVNANAL	actvnanal	activation analysis	AEW	AEW	airborne early warning
ACTVT	actvt	activate	AF	AF	audio frequency
ACTVTR	actvtr	activator	AFB	AFB	antifriction bearing
ACV	ACV	alarm check valve	AFC	AFC	automatic frequency control
ACW	acw	aircraft control and warning	AFCE	AFCE	automatic flight control equipment
AD	AD	ampere demand meter	AFCS	AFCS	adaptive flight control systems
AD	AD	area drain			
AD	AD	as drawn			
AD	ad	advertisement			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
AFCS	AFCS	adoptive flight control system	AL	AL	amber light
AFCS	AFCS	automatic flight control system	AL	AL	application list
AFM	AFM	antifriction metal	ALC	ALC	automatic level control
AFR	afr	airframe	ALC	alc	alcohol
AFS	AFS	Arming and Fusing System	ALCD	alcd	alclad
AFT	aft	after	ALD	ALD	at a later date
AFTCLR	AFTCLR	after cooler	ALDD	aldd	alidade
AFTM	aftm	aftertreatment	ALG	alg	algebra
AG	AG	air-to-ground	ALGO	algo	algorithm
AG	AG	armor grating	ALGOL	ALGOL	algorithmic-oriented language
AG	ag	agitate	ALIGN	align	alignment
AGC	AGC	automatic gain control	ALK	alk	alkaline
AGCA	AGCA	automatic ground-controlled approach	ALKY	alky	alkalinity
AGCL	AGCL	automatic ground-controlled landing	ALLOC	alloc	allocate
AGDS	AGDS	American Gage Design Standard	ALLOW	allow	allowance
AGE	AGE	aerospace ground equipment	ALM	alm	alarm
AGGR	aggr	aggregate	ALPHA	alpha	alphabetical
AGMT	agmt	augment	ALT	alt	altitude
AGT	AGT	aviation gas turbine	ALT	alt	alternation
AGT	agt	agent	ALTE	alte	altitude transmitting equipment
AH	ah	air over hydraulic	ALTM	altm	altimeter
AH	ah	antihunt	ALTN	altn	alternate
AHDR	ahdr	air header	ALTNTR	altntr	alternator
AHM	AHM	ampere-hour meter	ALTNV	altnv	alternative
AHR	ahr	anchor	ALTRD	altrd	altered
AI	AI	air installations	ALTRN	altrn	alteration
AI	AI	airborne interceptor	ALU	alu	arithmetic and logic unit
AI	AI	airspeed indicator	ALY	aly	alloy
AI	AI	artificial intelligence	AM	AM	amplitude modulation
AI	ai	anti-icing	AM	am	amatol
AIAG	AIAG	automotive industry action group	AM	am	ante meridiem [before noon]
AIC	AIC	ammunition identification code	AMA	AMA	automatic message accounting
AID	AID	altered item drawing	AMAD	AMAD	airframe-mounted accessory drive
AIH	aih	air inlet heater	AMB	amb	amber
AIL	ail	aileron	AMB	amb	ambient
AILAS	AILAS	automatic instrument landing approach system	AMB	amb	ambulance
AILS	AILS	automatic instrument landing system	AMB	amb	antimotorboat
AINDTN	AINDTN	air induction	AMB	amb	asbestos millboard
AIRCLNR	AIRCLNR	air cleaner	AMC	AMC	automatic mixture control
AIRCOND	aircond	air-condition	AMD	AMD	air movement data
AIRSHTR	AIRSHTR	air shutter	AME	AME	actual mating envelope
AIV	AIV	armored infantry vehicle	AMEND	amend	amendment
AJ	AJ	assembly jig	AMER	Amer	American
AJ	aj	antijamming	AMLG	amlg	amalgam
AL	AL	air lock	AMM	AMM	antimissile missile
AL	AL	aluminum	AMM	amm	ammeter
			AMMO	ammo	ammunition
			AMMORK	AMMORK	ammunition rack

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
AMNA	amna	ammonia	ANLR	anlr	angular
AMNIT	amnit	ammonium nitrate	ANLR	anlr	annular
AMNSWP	AMNSWP	acoustic mine sweeping	ANLT	anlt	anchor light
AMOHST	AMOHST	ammunition hoist	ANN	ann	annunciator
AMOHSTDR	AMOHSTDR	ammunition hoist drive	ANO	ANO	alphanumeric output
AMOS	AMOS	automatic meteorological observing station	ANPT	ANPT	aeronautical national taper pipe thread
AMP	amp	ampere	ANS	ans	answer
AMPH	amph	amphibian	ANT	ant	antenna
AMPH	amph	amphibious	ANTIFRZ	antifrz	antifreeze
AMPHR	amphr	ampere-hour	ANTILOG	antilog	antilogarithm
AMPHTRK	amphtrk	amphibious truck	ANTIVOX	ANTIVOX	voice-actuated transmitter keyer inhibitor
AMPL	ampl	amplifier	ANTOX	antox	antitoxin
AMPLDN	ampldn	amplidyne	ANTSPT	antspt	antiseptic
AMPLG	AMPLG	amplidyne generator	AO	AO	access opening
AMPLMG	AMPLMG	amplidyne motor generator	AO	AO	air over
AMPTD	amptd	amplitude	AOC	AOC	automatic output control
AMR	AMR	advance material request	AOQ	AOQ	average outgoing quality
AMS	AMS	aeronautical material specification	AOQL	AOQL	average outgoing quality limit
AMT	amt	amount	AOR	aor	anchor order
AMTB	AMTB	antimotor torpedo boat	AOVC	AOVC	automatic overload circuit
AMTI	AMTI	area moving target indicator	AP	AP	access panel
AMTI	AMTI	automatic moving-target indicator	AP	AP	after peak
AMUN	amun	air munitions	AP	AP	after perpendicular
AN	AN	Air Force-Navy	AP	AP	air passage
AN	AN	alteration notice	AP	AP	argument programming
AN	AN	Army-Navy	AP	AP	armor-piercing
ANA	ANA	Air Force-Navy Aeronautical	AP	ap	acidproof
ANAF	ANAF	Army-Navy-Air Force	APA	APA	axial pressure angle
ANAL	anal	analysis	APC	APC	acoustical plaster ceiling
ANALY	analy	analyze	APC	APC	armored personnel carrier
ANB	ANB	Army-Navy British	APC	APC	armor-piercing capped
ANC	ANC	Air Force-Navy-Civil	APC	APC	automatic phase control
ANC	ANC	all-number calling	APCI	APCI	armor-piercing capped incendiary
ANC	ANC	Army-Navy Commercial	APCIT	APCIT	armor-piercing capped incendiary with tracer
ANCFIL	ANCFIL	anchored filament	APERS	APERS	antipersonnel
ANCG	ancg	announcing	APERT	apert	aperture
ANCH	anch	anechoic	APF	APF	acidproof floor
AND	AND	Air Force-Navy Design	API	API	armor-piercing incendiary
AND	AND	Army-Navy Design	API	API	air-position indicator
ANDZ	andz	anodize	APIS	APIS	array processing instruction set
ANHYD	anhyd	anhydride	APIT	APIT	armor-piercing incendiary with tracer
ANHYD	anhyd	anhydrous	APL	APL	a programming language
ANI	ANI	automatic number identification	APL	APL	allowance parts list
ANL	ANL	automatic noise limiter	APL	APL	automatic phase lock
ANL	anl	anneal	APL	apl	airplane
ANLG	anlg	analog	APLD	apld	applied
ANLOR	ANLOR	angle order			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
APLQ	aplq	appliqué	ARM	arm	arming
APOTH	apoth	apothecary	ARMCA	armca	armored cable
APP	app	appearance	ARMD	armd	armored
APPAR	appar	apparatus	ARMPL	armpl	armor plate
APPL	appl	application	ARMSHT	armsht	armature shunt
APPROX	approx	approximate	ARMT	armt	armament
APPV	appv	approve	ARNG	arng	arc
APPVL	appvl	approval	AROM	arom	aromatic
APPX	appx	appendix	ARP	ARP	aeronautical recommended practice
APR	Apr	April	ARP	ARP	analytical rework program
APRCH	aprch	approach	ARR	ARR	anti-repeat relay
APRNT	aprnt	apparent	ARR	arr	arrange
APRT	aprt	airport	ARS	ars	arsine
APSR	APSR	airport surveillance radar	ARS	ARS	asbestos roof shingles
APT	APT	armor-piercing-with tracer	ARSR	arsr	arrester
APT	apt	apartment	ART	art	article
APU	APU	auxiliary power unit	ARTCC	ARTCC	air route traffic control center
APVD	apvd	approved	ARTCLD	artcl	articulated
APW	APW	architectural projected window	ARTF	artf	artificial
AQ	aq	aqueous	ARTRON	artron	artificial neutron
AQL	AQL	acceptable quality level	ARTY	arty	artillery
AQT	AQT	acceptable quality test	AS	AS	ammeter switch
AR	AR	acid-resisting	AS	AS	antisubmarine
AR	AR	as required	AS	as	air scoop
AR	AR	assembly and repair	AS	as	airspeed
AR	ar	abrasion resistant	ASAP	ASAP	as soon as possible
ARB	arb	arbitrary	ASB	asb	asbestos
ARCCOS	arccos	arc cosine	ASC	ASC	automatic sensitivity control
ARCCOS	arccos	inverse cosine	ASC	ASC	auxiliary switch [breaker] normally closed
ARCCOT	arccot	arc cotangent	ASCII	ASCII	American National Standard Code for Information Interchange
ARCCOT	arccot	inverse cotangent	ASEC	ASEC	American Standard Elevator Code
ARCCSE	arccse	arc cosecant	ASG	ASG	aeronautical standards group
ARCCSE	arccse	inverse cosecant	ASGMT	asgmt	assignment
ARCH	arch	architecture	ASGN	asgn	assign
ARCH	arch	archive	ASHOF	ASHOF	air shutoff
ARCSEC	arcsec	arc secant	ASM	ASM	air-to-surface missile
ARCSEC	arcsec	inverse secant	ASM	asm	assemble [auto manufacturing]
ARCSIN	arcsin	arc sine	ASN	ASN	average sample number
ARCSIN	arcsin	inverse sine	ASO	ASO	auxiliary switch [breaker] normally open
ARCTAN	arctan	arc tangent	ASPH	asph	asphalt
ARCTAN	arctan	inverse tangent	ASPHPF	asphpf	asphalt-plank floor
ARCW	arcw	arc weld	ASPHRS	asphrs	asphalt roof shingles
ARAD	ARAD	Advance Revision Authorization Document	ASPP	ASPP	alloy-steel protective plating
ARF	arf	auto reverse fan	ASPRTR	asprtr	aspirator
ARG	arg	arresting [gear or hook]	ASR	ASR	airborne surveillance radar
ARITH	arith	arithmetic			
ARITHU	arithu	arithmetic unit			
ARL	ARL	acceptable reliability level			
ARM	arm	armature			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
ASRT	asrt	assort	ATTEN	atten	attenuation
ASSEM	assem	assemble	ATTEN	atten	attenuator
ASSIST	ASSIST	Acquisition Streamlining and Standardization Information Systems	ATTN	attn	attention
			ATTY	atty	attorney
ASSN	assn	association	ATV	ATV	amateur television
ASSOC	assoc	associate	ATW	atw	atomic hydrogen weld
ASST	asst	assistant	ATWT	atwt	atomic weight
ASSTN	asstn	assistance	ATXPL	atxpl	atomic explosion
ASSY	assy	assembly	AU	AU	astronomical unit
ASTIG	astig	astigmatism	AUD	aud	audible
ASTN	astn	astern	AUD	aud	audio
ASTRG	ASTRG	air starting	AUDTR	audtr	auditor
ASTROPHYS	astrophys	astrophysics	AUG	Aug	August
ASV	ASV	angle stop valve	AUM	AUM	air-to-underwater missile
ASW	ASW	antisubmarine warfare	AUM	AUM	automatic monitoring
ASW	ASW	auxiliary switch	AUTH	auth	authorize
ASWG	ASWG	American Steel Wire Gage	AUTO	auto	automatic
ASYM	asym	asymmetric	AUTO	auto	automobile
ASYMP	asypm	asymptote	AUTO CV	autocv	automatic check valve
AT	AT	antitank	AUTODIN	AUTODIN	automatic digital network
AT	at	action time	AUTOLEAN	autolean	automatic lean
AT	at	airtight	AUTOM	autom	automotive
AT	at	ampere [turn]	AUTOMN	automn	automation
AT	at	atomic (comb form)	AUTOOVL	AUTOOVL	automatic overload
ATAAC	ataac	air-to-air after cooler	AUTOP	AUTOP	automatic pistol
ATB	ATB	asphalt-tile base	AUTORECL	AUTORECL	automatic reclosing
ATC	ATC	air traffic control	AUTORICH	AUTORICH	automatic rich
ATC	ATC	acoustical tile ceiling	AUTOSCV	AUTOSCV	automatic stop and check valve
ATCH	atch	attach	AUTOSTRT	AUTOSTRT	automatic starter
ATCH	atch	attachment	AUTOSTRTG	autostrtg	automatic starting
ATCK	atck	attack	AUTOVON	AUTOVON	automatic voice network
ATE	ATE	automatic test equipment	AUTOXFM	AUTOXFM	autotransformer
ATF	ATF	asphalt-tile floor	AUV	AUV	armored utility vehicle
ATH	ath	athwartship	AUW	AUW	antiunderwater warfare
ATI	ATI	average total inspection	AUX	aux	auxiliary
ATM	atm	air turbine motor	AUXR	AUXR	auxiliary register
ATM	atm	atmosphere	AVAIL	avail	available
ATMG	atmg	atomizing	AVC	AVC	automatic volume control
ATNM	ATNM	antitank nonmetallic	AVDP	avdp	avoirduois
ATORP	atorp	antitorpedo	AVE	AVE	automatic volume expansion
ATOS	ATOS	assisted takeoff system	AVE	ave	avenue
ATR	ATR	air transport radio	AVG	avg	average
ATR	ATR	anti-transmit-receive	AVG DIA	avgdia	average diameter
ATRAN	ATRAN	automatic terrain recognition and navigation	AVIONICS	AVIONICS	aviation electronics
			AVLBL	avlbl	availability
ATRC	ATRC	anti tracking control	AVN	avn	aviation
ATRM	ATRM	after torpedo room	AVPL	AVPL	average picture level
ATRT	ATRT	anti-transmit-receive tube	AW	AW	arming wire
ATS	ATS	astronomical time switch	AW	aw	above water
ATTD	attd	attitude	AW	aw	accordance with

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
AW	aw	acid waste	BAT	bat	battle
AWAR	awar	area weight average resolution	BATCHG	batchg	battery charger
AWAT	awat	area weighted average T-number	BATT	batt	batten
AWD	awd	all-wheel drive	BAY	bay	bayonet
AWG	AWG	American Wire Gage	BAYC	bayc	bayonet candelabra
AWN	awn	awning	BAYCAND (BAYC)	baycand (bayc)	bayonet candelabra
AWNDLS	AWNDLS	anchor windlass	BAYCANDDC	baycanddc	bayonet candelabra, double contact
AWS	aws	all-wheel steer	BAYCANDSC	baycandsc	bayonet candelabra, single contact
AXFL	AXFL	axial flow	BAYSK	baysk	bayonet skirted
AXFMR	AXFMR	automatic transformer	BB	BB	back of board
AXP	AXP	axial pitch	BB	bb	back to back
AZ	az	azimuth	BB	BB	base band
AZEL	AZEL	azimuth and elevation	BB	BB	bell and bell
AZRNG	AZRNG	azimuth and range	BB	BB	bulletin board
AZS	AZS	automatic zero set	BB	BB	bunching black
B			BBB	BBB	body-bound bolts
B	B	base [electron device]	BBM	BBM	break before make
B	b	balloon	BBRG	bbrg	ball bearing
B	b	bomber [aircraft]	BBT	bbt	bombardment [projectile]
B	b	breadth or beam of ship	BBYCY	bbycy	bow buoyancy
B	b	buoyancy	BC	BC	back-connected
B&I	B&I	base and increment	BC	BC	barge, cargo
BA	BA	backlash allowance	BC	BC	barium crown
BA	BA	breathing apparatus	BC	BC	barrier coat
BA	BA	buffer amplifier	BC	BC	bell cord
BAB	bab	babbitt	BC	BC	between centers
BACT	bact	bacteriological	BC	BC	binary counter
BAF	baf	affle	BC	BC	bolt circle
BAG	bag	baggage	BC	BC	bottom chord
BAK	bak	bakery	BC	bc	bookcase
BAL	bal	balance	BC	bc	broadcast
BAL	bal	ballistic	BCD	BCD	binary coded decimal
BALCL	balcl	balancing coil	BCHG	bchg	bunching
BALRHEO	balrheo	balancing rheostat	BCI	BCI	binary coded information
BALS	bals	balancing set	BCKT	bckt	becket
BALV	balv	balanced voltage	BCL	BCL	basic contour line
BAMG	BAMG	Browning aircraft machine gun	BCL	bcl	bicycle
BAR	BAR	Browning automatic rifle	BCL	bcl	broom closet
BARB	barb	barbette	BCN	bcn	beacon
BARO	baro	barometer	BCO	BCO	bridge cutoff
BARR	barr	barrier	BCT	BCT	bushing current transformer
BASIC	BASIC	beginner's all-purpose symbolic instruction code [computers]	BCVX	bcvx	biconvex
BASNET	basnet	basic network	BD	BD	base detonating
BASW	basw	bell alarm switch	BD	BD	battle dressing
BAT	bat	batter	BD	BD	binary decoder
BAT	bat	battery [electrical]	BD	bd	board
			BDELIM	BDELIM	band elimination
			BDF	BDF	base detonating fuze

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
BDG	bdg	binding	BGP	BGP	barrier, greaseproof
BDGH	BDGH	binding head	BH	BH	boiler house
BDI	BDI	bearing deviation indicator	BH	BH	Brinell hardness
BDI	bdi	battery discharge indicator	BHA	BHA	base helix angle
BDIA	bdia	base diameter	BHCS	BHCS	button head cap screw
BDL	bdl	bundle	BHD	bhd	bulkhead
BDLT	bdlt	bow designation light	BHN	BHN	Brinell hardness number
BDN	bdn	bend down	BI	BI	base ignition
BDNG	bdng	bedding	BI	BI	black iron
BDO	bdo	bow door	BICOND	bicond	biconditional
BDPN	bdpn	bedpan	BIDIR	bidir	bidirectional
BDR	bdr	binder	BIL	BIL	blue indicating light
BDS	BDS	brass divider strip	BIL	bil	basic impulse insulation level
BDSD	BDSD	base detonating, self-destroying	BIN	bin	binary
BDV	BDV	binary divide	BINOMEXP	BINOMEXP	binomial expansion
BDVG	bdvg	bow diving	BIO	bio	biology (comb form)
BDY	bdy	boundary	BIODEF	BIODEF	biological defense
BDZR	bdzr	bulldozer	BIOL	biol	biological
BE	BE	back end	BIOL	biol	biology
BE	BE	base ejection	BIONICS	BIONICS	biological electronics
BE	BE	bell end	BIOR	BIOR	business input-output rerun
BE	BE	bill of exchange	BIPD	BIPD	biaparting doors
BE	BE	breaker end	BIT	BIT	binary digit
BELCRK	belcrk	bell crank	BIT	BIT	built-in test
BERTH	berth	berthing	BITUM	bitum	bituminous
BES	BES	black enamel slate	BJ	BJ	break jaw
BESS	Bess	Bessemer	BK	BK	barge, knockdown
BETW	betw	between	BK	bk	black
BEV	bev	bevel	BK	bk	brake
BF	BF	base fuze	BKAIRPR	bkairpr	brake air pressure
BF	BF	beat frequency	BKD	bkd	blackboard
BF	BF	bell and flange	BKDN	bkdn	breakdown
BF	BF	boiler feed	BKDNDIO	BKDNDIO	breakdown diode
BF	BF	bolddface type	BKGD	bkgd	background
BF	BF	both faces	BKHP	bkhp	brake horsepower
BF	BF	bottom face	BKO	bko	breakout
BF	bf	backface	BKOILPR	bkoilpr	brake oil pressure
BF	bf	back-feed	BKOILTEMP	bkoiltemp	brake oil temperature
BFCO	bfc	band filter cutoff	BKRST	bkrst	backrest
BFCT	BFCT	boiler feed compound tank	BKS	bks	barracks
BFD	BFD	back focal distance	BKSHL	bkshl	backshell
BFD	BFD	book-form drawing	BKSLF	bkslf	back shelf
BFG	bfg	buffing	BKSVR	bksvr	brake saver
BFL	BFL	back focal length	BKT	bkt	bucket
BFO	BFO	beat-frequency oscillator	BKUP	bkup	backup
BFP	BFP	boiler feed pump	BKWD	bkwd	backward
BFR	bfr	before	BL	BL	base line
BFR	bfr	buffer	BL	BL	bend line
BFW	BFW	boiler feedwater	BL	BL	bill of lading
BG	BG	back gear	BL	BL	bottom layer

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
BL	BL	breech loading	BMKR	bmkr	boilermaker
BL	BL	building line	BMPR	bmpr	bumper
BL	BL	butt line	BMSS	BMSS	buoy messenger
BL	BL	buttock line	BMSTRG	bmstrg	beam steering
BL	bl	backlash	BMTLC	bmtlc	bimetallic
BL	bl	billet	BMVP	BMVP	barrier, moisture-vaporproof
BL	bl	blade	BMW	bmw	beamwidth
BL	bl	blast	BMXR	bmxr	batch mixer
BL	bl	bleed	BN	bn	battalion
BL	bl	blue	BN	bn	bullnose
BL	bl	but-live	BNCH	bnch	bench
BLD	BLD	balanced line driver	BNCHBD	bnchbd	benchboard
BLD	bld	blinder	BNCL	bncl	binnacle
BLDG	bldg	building	BNCLR	bnclr	binocular
BLDR	bldr	bleeder	BND	bnd	bonded
BLF	BLF	baryta light fling	BNDDIS	BNDDIS	band display
BLK	blk	black	BNDG	bndg	bonding
BLK	blk	blank	BNDZ	bndz	bonderize
BLK	blk	block	BNF	BNF	bomb nose fuze
BLKG	blkg	blanking	BNG	bng	bending
BLKG	blkg	blocking	BNLS	bnls	boneless
BLKGD	blkgd	blanking die	BNR	bnr	burner
BLKN	blkn	blacken	BNSH	bnsh	burnish
BLKNG	blkng	blackening	BNT	bnt	bonnet
BLKT	blkt	blanket	BO	BO	bail out
BLMTH	blmth	bellmouth	BO	BO	blocking oscillator
BLN	bln	blend	BO	bo	blackout
BLNG	blng	belling	BO	bo	blow off
BLO	blo	blower	BOB	bob	bobbin
BLR	blr	boiler	BOBS	bobs	bolted on base
BLST	blst	ballast	BOC	BOC	body-on-chassis
BLSTGPWD	blstgpwd	blasting powder	BOC	boc	blowout coil
BLSTL	blstl	billet steel	BOD	BOD	biochemical oxygen demand
BLT	BLT	borrowed light	BOD	BOD	blackout door
BLTBT	bltbt	bolted bonnet	BOFS	BOFS	black oil finish slate
BLTIN	bltin	built-in	BOG	bog	boiling
BLU	blu	blue	BOLS	bols	bolster
BLW	blw	below	BOMST	bomst	bombsight
BLWDN	blwdn	blowdown	BOPRESS	bopress	boiler pressure
BLWS	blws	bellows	BOSN	bosn	boatswain
BLWT	blwt	blowout	BOSS	BOSS	bioastronautics orbiting space station
BLWT	blwt	blowtorch	BOT	bot	bottom
BM	BM	bench mark	BOTMG	botmg	bottoming
BM	BM	bill of material	BOW	BOW	blackout window
BM	BM	breech mechanism	BOWR	BOWR	boiler water
BMBDR	bmbdr	bombardier	BP	BP	back pressure
BMEP	BMEP	brake mean effective pressure	BP	BP	base percussion
BMEWS	BMEWS	Ballistic Missile Early Warning System	BP	BP	base pitch
BMG	BMG	Browning machine gun	BP	BP	base plate

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
BP	BP	between perpendiculars	BRT	brt	brightness
BP	BP	black powder	BRTH	brth	breathe
BP	BP	boiling point	BRTHR	brthr	breather
BP	BP	bolted plate	BRZ	brz	braze
BP	bp	bandpass	BRZ	brz	bronze
BP	bp	blueprint	BRZG	brzg	brazing
BPC	BPC	back-pressure control	BS	BS	beams and stringers
BPD	BPD	bushing potential device	BS	BS	bell and spigot
BPI	BPI	bits per inch	BS	BS	binary subtract
BPLA	BPLA	bow plane	BS	BS	black scale
BPRF	bprf	bulletproof	BS	BS	bomb service
BPS	BPS	bearing procurement specification	BS	BS	borescope
BPS	BPS	bits per second	BS	BS	Brown & Sharpe Wire Gage
BPT	bpt	bipost	BS	bs	bill of sale
BR	BR	bend radius	BS	bs	both sides
BR	BR	buffer register	BSC	BSC	borosilicate crown
BR	br	bedroom	BSC	bsc	basic
BR	br	bookrack	BSFL	bsfl	bandstop filter
BR	br	branch	BSHG	bshg	bushing
BR	br	brown	BSI	BSI	British Standards Institution
BR	br	brush	BSKT	bskt	basket
BRAZ	braz	brazier	BSLR	bslr	bus selector
BRAZH	brazh	brazier head	BSMITH	bsmith	blacksmith
BRC	brc	brace	BSMT	bsmt	basement
BRCH	brch	broach	BSP	bsp	ball stop
BRD	brd	braid	BST	BST	Board on Standardization and Testing
BRD	brd	braided	BSTL	bstl	bistaple
BRDB	brdb	broadband	BSTLT	bstlt	blue stern light
BRDG	brdg	bridge	BSTR	bstr	booster
BRG	brg	bearing	BSTRKT	bstrkt	boost rocket
BRH	brh	brush holder	BT	BT	barge, training
BRIL	bril	brilliance	BT	BT	bus tie
BRK	brk	brick	BT	bt	bathythermograph
BRK	brk	break	BT	bt	bent
BRKBD	brkbd	brake band	BTCR	btc	butcher
BRKG	brkg	breaking	BTDC	btdc	bomb testing device
BRKR	brkr	breaker	BTDC	btdc	before top dead center
BRKT	brkt	bracket	BTF	BTF	bomb tail fuze
BRLP	brlp	burlap	BTFL	BTFL	butterfly
BRLS	BRLS	barrier ready light system	BTH	bth	berth
BRN	brn	brown	BTL	btl	bottle
BRNG	brng	burning	BTLL	BTLL	bottom lead left
BRRD	brrd	barred	BTLR	BTLR	bottom lead right
BRRG	brrg	barring	BTN	btn	button
BRS	brs	brass	BTNHD	BTNHD	button head
BRST	brst	boresight	BTR	BTR	barrel tile roof
BRSTR	brstr	burst	BTR	BTR	bus transfer
BRSTSTR	brststr	bursting strength	BTR	BTR	bush transfer
BRT	brt	bright	BTRY	btry	battery

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
BTS	BTS	blue tool steel	CAD	CAD	compensated avalanche diode
BTST	btst	bootstrap	CAD	CAD	computer access device
BTU	BTU	British thermal unit	CAD	CAD	computer aided design
BTWLD	BTWLD	butt weld	CADI	CADI	computer access device input
BU	BU	bulk [substrate] [electron device]	CADO	CADO	computer access device output
BU	bu	bureau	CAES	CAES	computer aided earthmoving system
BU	bu	bushel	CAGC	CAGC	coded automatic gain control
BUBMEM	BUBMEM	bubble memory	CAGE	CAGE	commercial and government entity (code)
BUCK	buck	buckram	CAI	CAI	critical application item
BUIS	BUIS	barrier up indicator system	CAL	cal	calibration
BULL	bull	bulletin	CALC	calc	calculate
BUP	bup	bend up	CAM	CAM	checkout and automatic monitoring
BUS	bus	business	CAM	CAM	computer aided manufacturing
BUTN	butn	butane	CAMDR	camdr	cam drive
BUZ	buz	buzzer	CAMSH	camsh	camshaft
BV	bv	back view	CAN.	can.	canopy
BVC	BVC	black varnish cambric [insul]	CAN	can	control area network
BVGE	bvge	beverage	CANC	canc	canceled
BW	BW	biological warfare	CANTRAN	CANTRAN	canceled transmission
BW	BW	both ways	CAP	cap	capacitance
BW	BW	braided wire	CAP.	cap.	capacity
BW	bw	bandwidth	CAPE	CAPE	communications automatic processing equipment
BW	bw	black and white	CAPT	CAPT	computer aided product technology
BW	bw	black and white prints	CARB	carb	carburetor
BWG	BWG	Birmingham Wire Gage	CARBZ	carbz	carburize
BWL	BWL	belt work line	CARP	CARP	computed air release point
BWLT	bwlt	bow light	CARR	carr	carrier
BWM	BWM	backward-wave magnetron	CASE	CASE	computer automated support equipment
BWO	BWO	backward-wave oscillator	CAT	CAT	clear air turbulence
BWP	BWP	barrier, waterproof	CAT	cat	category
BWPA	BWPA	backward-wave power amplifier	CATE	CATE	computer aided test equipment
BWS	BWS	beveled wood siding	CATV	catv	cable television
BWSM	BWSM	bread wrapping and sealing machine	CAUT	caut	caution
BWSTRN	bwstrn	bowstring	CAVU	CAVU	ceiling and visibility unlimited
BWV	BWV	backwater valve	CAX	CAX	community automatic exchange
BXDT	BXDT	boxcar detector	CB	CB	citizen band
BXF	bx	box fin	CB	CB	comparator buffer
BYNT	bynt	buoyant	CB	CB	component board
BYP	byp	bypass	CB	cb	center ball
BYPC	bypc	bypass closing	CB	cb	counterbalance
BYPO	bypo	bypass opening	CBA	CBA	component board assembly
C			CBHT	cbht	center ball hydraulic tilt
C	C	Celsius	CBL	cbl	cable
C TO C	C TO C	center to center	CBM	CBM	chemical biological munitions
C&D	c&d	communications and data	CBMT	cbmt	center ball manual tilt
CAD	CAD	communications access device			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
CBN	cbn	cubic boron nitride	CFAE	CFAE	contractor furnished aircraft equipment
CBORE	cbore	counter bore	CFD	cfđ	carbon free depth
CBS	CBS	controlled blip scan	CFF	CFF	critical flicker frequency
CBU	CBU	cluster bomb unit	CFLG	cflg	center flange
CC	CC	color code	CFM	CFM	center frequency modulation
CC	cc	cable control	CFM	cfm	cubic feet per minute
CCA	cca	circuit card assembly	CFR	CFR	carbon film resistor
CCC	CCC	component change control	CFS	CFS	carrier frequency shift
CCD	CCD	central command decoder	CFS	CFS	center frequency stabilization
CCD	CCD	charge coupled device	CFS	cfs	cold finished surface
CCFT	CCFT	controlled current feedback transformer	CFS	cfs	cubic feet per second
CCM	CCM	controlled carrier modulation	CG	cg	compacted graphite
CCMD	CCMD	continuous current monitoring device	CGI	cgi	clean gas induction
CCN	CCN	command control number	CH	ch	container handler
CCP	CCP	Consolidated Cryptologic Program	CH	ch	cushion hitch
CCR	ccr	compact common rail	CHAM	cham	chamfer
CCT	CCT	constant current transformer	CHAMB	chamb	chamber
CCU	CCU	camera control unit	CHAR	char	character
CCW	ccw	counterclockwise	CHAS	chas	chassis
CD	CD	capacitor diode	CHG	chg	change
CD	CD	common digitizer	CHK	chk	check
CD	CD	controls and displays	CHNL	CHNL	channel
CD	cd	candela	CHRG	chrg	charging
CD	cd	cold drawn	CHUK	chuk	chuck
CDA	CDA	command data acquisition	CI	CI	computer indicator
CDC	CDC	cold drawn copper	CI	CI	counter intelligence
CDF	CDF	combined distribution frame	CI	ci	configuration item
CDG	CDG	capacitor diode gate	CID	CID	change in design
CDI	CDI	course deviation indicator	CID	CID	commercial item description
CDR	CDR	critical design review	CIN	cin	code identification number
CDR	CDR	command destruct receiver	CIRC	circ	circle
CDRILL	cdrill	counter drill	CIRC	circ	circular
CDRL	CDRL	contract data requirements list	CIRC	CIRC	circulate
CDT	CDT	command destruct transmitter	CIS	CIS	close-in support
CDW	CDW	computer data word	CKT	CKT	circuit
CEF	CEF	carrier elimination filter	CL	CL	closed loop
CEI	CEI	contract end item	CL	CL	contact lost
CEI	cei	clean exhaust induction	CL	cl	center line
CEL	cel	celestial	CL	cl	class
CEM	CEM	communications electronics meteorological	CL	cl	clutch
CERT	cert	certification	CLA	CLA	center line average
CF	CF	carrier frequency	CLAC	CLAC	closed loop approach control
CF	CF	concept formulation	CLAR	clar	clarification
CF	CF	counterfire	CLASS.	class.	classification
CF	Cf	cable fuzing [firing]	CLG	clg	cooling
CF	cf	cold finished	CLMSH	clmsh	clam shell
			CLNR	clnr	cleaner
			CLR	clr	cooler
			CLRN	clrn	clearance

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
CLS	CLS	constant level speech	COMP	comp	compensating
CLU	CLU	central logic unit	COMP	comp	compensator
CM	CM	circuit master	COMP	comp	compiler
CM	CM	command module	COMPL	compl	complete
CM	CM	configuration management	COMPR	compr	compressor
CM	CM	core memory	COMPSN	compsn	composition
CM	CM	corrective maintenance	COMPT	compt	compartment
CMB	cmb	combination	COMSAT	comsat	communications satellite
CMB	cmb	combiner	COMSN	comsn	commission
CMBD	cmbd	combined	CON	con	concession
CMD	CMD	core memory driver	CONC	conc	concentric
CMD	CMD	countermeasures and deception	COND	cond	condenser
CMH	CMH	countermeasures homing	COND	cond	condition
CMOS	CMOS	configuration memory operating system	COND	cond	conductor
CMP	CMP	component metal parts	CONDR	condr	conditioner
CMPNT	cmpnt	component	CONF	conf	conference
CMPT	cmpt	compactor	CONF	conf	confine
CMR	CMR	communications moon relay	CONF	conf	conformance
CN	CN	carrier to noise	CONFIG	config	configuration
CN	cn	communications and navigation	CONL	conl	conical
CNC	CNC	computer numerical control	CONN	conn	connecting
CNCR	cncr	concurrent	CONN	conn	connection
CNG	cng	compressed natural gas	CONN	conn	connector
CNTFG	cntfg	centrifugal	CONSCAN	conscan	conical scan
CNTFG	cntfg	centrifuge	CONSEC	consec	consecutive
CNTNR	cntnr	container	CONT	cont	contact
CNTOR	cntor	contactor	CONT	cont	continued
CNVR	cnvr	conveyor	CONT	cont	control
CO	co	companion	CONT	cont	controller
CO	co	company	CONTD	contd	continued
COA	COA	constant output amplifier	CONTHP	CONTHP	continental horsepower
COAI	coai	combination of adopted items	CONTRAIL	contrail	condensation trail
COBI	COBI	coded biphas	CONV	conv	converter
CODAR	CODAR	correlation display analyzing and recording	CONVG	convg	convergence
CODIT	codit	computer direct to telegraph	CONVN	convn	convection
COIN	coin	counterinsurgency	CONVR	cnvr	convector
COL	col	column	COOL	cool.	coolant
COLL	coll	collector	COOLFLOW	coolflow	coolant flow
COLT	colt	communication line terminator	COOLTEMP	cooltemp	coolant temperature
COM	com	communication	COORD	coord	coordinate
COMB	comb	combining	COPY.	copy.	copyright
COMB.	comb.	combustion	COR	COR	carrier operated relay
COMINT	COMINT	communications intelligence	COR	cor	corner
COMJAM	COMJAM	communications jamming	CORAD	CORAD	correlation radar
COML	coml	commercial	CORAL	CORAL	correlation radio link
COMNEED	comneed	communications need	CORAL	coral	command radio link
COMNET	COMNET	communications network	CORP	corp	corporate
COMO	COMO	coherent master oscillator	CORP	corp	corporation
			CORR	corr	correction

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
COTAR	COTAR	correlated orientation tracking and ranging	CRS	CRS	cold-rolled steel
COTS	COTS	commercial off the shelf	CRS	crs	coarse
COZI	COZI	communications zone indicator	CRSCNT	crscent	crescent
CP	CP	centipoise	CRSHD	crshd	crosshead
CP	CP	change point	CRSN	crsn	corrosion
CP	CP	circular polarization	CRSV	crsv	corrosive
CP	CP	close packed	CRSVR	crsvr	crossover
CP	CP	control point	CRT	CRT	cathode-ray tube
CP	cp	candlepower	CRT	CRT	circuit requirement table
CP	cp	circular pitch	CRTANLTHR	crtanlthr	chrome-tanned leather
CP	cp	cold planer	CRTG	crtg	cartridge
CPACS	CPACS	coded pulse anti-clutter system	CRTOG	crtog	cartographer
CPAM	CPAM	continental polar air mass	CRTS	CRTS	controllable radar target simulator
CPBL	cpbl	capable	CRUIS	cruis	cruising
CPC	CPC	clock pulse control	CRV	crv	curve
CPC	CPC	computer process control	CRVAN	crvan	chrome vanadium
CPD	CPD	contact potential difference	CRVDWG	crvdwg	curve drawing
CPE	CPE	central processing element	CRWFT	crwit	crowfoot
CPE	CPE	circular probable error	CRYG	cryg	carrying
CPI	CPI	crash position indicator	CRYOG	cryog	cryogenics
CPLG	cplg	coupling	CRYPTO	crypto	cryptography
CPLR	cplr	coupler	CRYST	cryst	crystalline
CPM	CPM	card per minute	CS	CS	carbon steel
CPO	CPO	command pulse output	CS	CS	carrier supply
CPRSN	cpnsn	compression	CS	CS	cast steel
CPSK	CPSK	coherent phase shift keying	CS	CS	cast stone
CPU	CPU	central processing unit	CS	CS	center section
CR	CR	change request	CS	CS	close support
CR	CR	continuous rod	CS	CS	coil sketch
CR	CR	combat ready	CS	CS	common steel [projectile]
CR	CR	component repair	CS	CS	control switch
CR	CR	controlled radius	CS	CS	core shift
CR	CR	controlled rectifier	CS	cs	conducted susceptibility
CR	cr	cold rolled	CS	cs	cooling system
CR	cr	credit	CS	cs	cycle per second
CRAM	CRAM	card random access memory	CSB	CSB	concrete splash block
CRCG	crpg	card cage	CSC	CSC	cartridge storage case
CRCONT	crcont	cruise control	CSC	csc	cosecant
CRDL	crdl	cradle	CSCR	CSCR	complementary semiconductor controlled
CRES	cres	corrosion resistant steel	CSD	CSD	cold side
CRG	crg	carriage	CSD	CSD	constant speed drive
CRKC	crkc	crankcase	CSD	CSD	core shift driver
CRNMTR	crnmtr	chronometer	CSE	CSE	communications support element
CRO	CRO	cathode-ray oscilloscope	CSE	CSE	core storage element
CROM	CROM	control read-only memory	CSFS	csfs	current scroll fuel system
CROT	CROT	converter retarder oil temperature	CSG	csg	casing
CRP	crp	crimp	CSHAFT	cshaft	crankshaft
CRPL	CRPL	chromium plate	CSHG	cshg	cushioning

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
CSHIFT	cshift	center shift	CTR	ctr	center
CSI	CSI	critical safety item	CTR	ctr	contour
CSK	csk	countersink	CTR	ctr	counter
CSKH	CSKH	countersunk head	CTR	ctr	cutter
CSKO	CSKO	countersink other side	CTRF	CTRF	center frequency
CSL	csl	console	CTRG	CTRG	centering
CSM	CSM	command and service module	CTRL	ctrl	control [computers]
CSMITH	CSMITH	coppersmith	CTRS	ctrs	contrast
CSMT	CSMT	circuit switching magnetic tape	CTS	CTS	close to shoulder
CSORO	CSORO	conical scan on receive only	CTS	cts	count per second
CSP	CSP	coder sequential pulse	CTSHFT	ctshft	countershaft
CSP	CSP	critical safety process	CTSK	ctsk	countersunk
CSR	CSR	communications satellite relay	CTT	CTT	card-to-tape tape
CSR	CSR	control shift register	CTU	CTU	central timing unit
CSS	CSS	control stick steering	CTWALK	CTWALK	catwalk
CSSB	CSSB	compatible single sideband	CTWT	ctwt	counterweight
CSTG	cstg	casting	CTY	CTY	county
CSTL	cstl	castellate	CU	CU	piezoelectric crystal unit
CSTR	cstr	canister	CU	cu	cubic
CSU	CSU	circuit switching unit	CUB	cub	cubicle
CSW	CSW	control power switch	CUFT	cuft	cubic foot
CSYS	csys	coordinate system	CUIN	cuin	cubic inch
CT	CT	center tap	CUJT	CUJT	complementary unijunction transistor
CT	CT	ceramic tile	CULV	culv	culvert
CT	CT	computerized tomography	CUM	cum	cubic meter
CT	CT	current transformer	CUM	cum	cumulative
CT	ct	count	CUMM	cumm	cubic millimeter
CTAM	CTAM	continental tropical air mass	CUO	cuo	copper oxide
CTB	CTB	ceramic tile base	CUP	cup	cupboard
CTC	CTC	cam timing contact	CUR	cur	current
CTC	CTC	centralized traffic control	CURT	curt	curtain
CTCCC	CTCCC	close type control circuit contact	CUSH	cush	cushion
CTD	ctd	coated	CUST	cust	customer
CTE	CTE	cable termination equipment	CUTS	cuts	cut stone
CTE	CTE	central timing equipment	CUYD	cuyd	cubic yard
CTF	CTF	ceramic tile floor	CV	CV	check value
CTG	ctg	coating	CV	CV	combat vehicle
CTG	ctg	crating	CV	CV	continuously variable
CTG	ctg	cutting	CV	CV	counter voltage
CTGH	ctgh	cryptograph	CVK	CVK	center line vertical keel
CTL	CTL	central	CVL	cvl	civil
CTL	CTL	complementary transistor logic	CVNTL	cvntl	conventional
CTL	CTL	core transistor logic	CVRSN	cvrsn	conversion
CTLRY	ctlry	cutlery	CVX	cvx	convex
CTLST	ctlst	catalyst	CW	CW	carrier wave
CTM	ctm	count per minute	CW	CW	chemical warfare
CTMN	ctmn	contamination	CW	CW	cold water
CTN	ctn	carton	CW	CW	complete with
CTPS	CTPS	changeable type-plate style	CW	CW	continuous wave

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
CW	cw	clockwise	DBB	DBB	detector back bias
CW	cw	cold weather	DBC	DBC	diameter bolt circle
CWAR	CWAR	continuous wave acquisition radar	DBD	DBD	diesel belt drive
CWC	CWC	clear write condition	DBF	DBF	demodulator band filter
CWFM	CWFM	continuous wave frequency modulated	DBFS	DBFS	dull black finish slate
CWG	CWG	corrugated wire glass	DBL	dbl	double
CWI	CWI	continuous wave illuminator	DBLACT	DBLACT	double-acting
CWIF	CWIF	continuous wave intermediate frequency	DBLF	DBLF	double face
CWP	CWP	circulating water pump	DBLR	dblrr	doubler
CWS	CWS	control wheel steering	DBLW	DBLW	double-wall
CX	CX	control transmitter	DBP	DBP	drawbar pull
CY	cy	cycle	DBSP	DBSP	double-based solid propellant
CYCLO	cyclo	cyclotron	DBUT	DBUT	data base update time
CYL	cyl	cylindrical	DC	DC	damage control
CYL	cyl	cylinder	DC	DC	depth charge
CYLCART	cylcart	cylindrical cartridge	DC	DC	direct current
CYLL	cyll	cylinder lock	DC	DC	double contact
CYN	cyn	cyanide	DCD	dcd	decode
D			DCCR	dccr	decoder
D	D	depth (of ship)	DCHAN	dchan	difference channel
D	D	penny [nails, etc.]	DCHEM	dchem	dry chemical
DA	DA	delta amplitude	DCKG	dckg	docking
DA	DA	design activity	DCL	DCL	door closer
DA	DA	digital-to-analog	DCLKG	dclkg	direct current linkage
DAC	DAC	digital-to-analog converter	DCLR	dclr	decelerate
DACT	dact	direct acting	DCLU	dclu	declutch
DAD	DAD	double-acting door	DCMPS	DCMPS	degaussing compass
DAGC	DAGC	delayed automatic gain control	DCMPTR	DCMPTR	degaussing computer
DAI	DAI	design activity identification	DCN	DCN	drawing change notice
DAM	DAM	descriptor attribute matrix	DCTL	DCTL	direct-coupled transistor logic
DAMLG	DAMLG	dental amalgamator	DCTL	dctl	ductile
DAMP	DAMP	distribution amplifier	DCTP	DCTP	duct type
DAS	DAS	direct acting steam	DCU	DCU	digital counting unit
DASTARD	DASTARD	destroyer antisubmarine transportable array detection	DCU	DCU	display and control unit
DASTM	DASTM	double-acting steam	DD	DD	deep-drawn
DAT	dat	datum	DD	DD	disconnecting device
DAVC	DAVC	delayed automatic volume control	DD	DD	dry dock
DB	DB	distribution box	DD	DD	dutch door
DB	DB	double bottom	DD	dd	diesel direct
DB	DB	double break	DD	dd	double density
DB	DB	double-biased [relay]	DDA	DDA	digital differential analyzer
DB	DB	dry bulb	DDC	DDC	digitally directed control
DB	dB	decibel	DDD	DDD	direct distance dialing
DBAO	DBAO	digital block AND-OR gate	DDI	DDI	depth deviation indicator
			DDR	DDR	direct drive
			DDV	ddv	deck drain valve
			DE	DE	double end
			DE	DE	drive end
			DE	de	diesel-electric
			DEA	dea	diethanolamine

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
DEAC	deac	diesel engine antifreeze coolant	DET	det	detonator
DEARTG	deartg	deaerating	DETN	detn	detention
DEC	Dec	December	DETN	detn	determination
DEC	dec	decimal	DEV	dev	development
DECAL	decal	decalcomania	DEV	dev	deviate
DECARB	decarb	decarbonization	DEVEQL	DEVEQL	deviation equalizer
DECN	decn	decision	DEVLG	DEVLG	developed length
DECOMP	decompn	decompression	DEVN	devn	deviation
DECONTN	decontn	decontamination	DEW	DEW	distant early warning
DECR	decr	decrease	DEWTRG	dewtrg	dewatering
DECRT	decr	decrement	DF	DF	dense flint
DED	DED	diesel engine, direct drive	DF	DF	dissipation factor
DED	ded	dedendum	DF	DF	double feeder
DEF	def	defective	DF	DF	Douglas fir
DEF	def	defense	DF	DF	drinking fountain
DEF	def	definition	DF	DF	drive fit
DEFL	defl	deflect	DF	DF	drop forge
DEFT	DEFT	definite time	DF	df	defogging
DEG	deg	degree	DF	df	direction finder
DEGUSG	DEGUSG	degaussing	DF	df	dual fuel
DEL	DEL	delete	DFARS	DFARS	Defense Federal Acquisition Regulation Supplement
DEL	del	delineation	DFL	dfl	deflating
DELE	dele	delete	DFLG	dflg	double flange
DELT	delt	deck edge light	DFMACH	DFMACH	drafting machine
DEMA	DEMA	distributed emission magnetron amplifier	DFR	dfr	defrost
DEMOD	demod	demodulator	DFT	DFT	deaerating feed tank
DEN	den	denote	DFT	DFT	discrete Fourier transform
DENG	deng	diesel engine	DFT	dft	draft
DENS	dens	density	DFT	dft	drift
DEO	deo	diesel engine oil	DFTG	dftg	drafting
DEP	dep	deposit	DFTR	dftr	deflector
DEPINST	depinst	depot installed	DFTSMN	DFTSMN	draftsman
DEPR	depr	depression	DG	DG	double-groove [insulators]
DEPT	dept	department	DG	dg	disk grind
DER	DER	diesel engine, reduction drive	DG	dg	dogged
DER	der	dermatine	DGDP	DGDP	double-groove, double-petticoat [insulators]
DERIV	deriv	derivative	DGLD	dgld	diaphragm gland
DES	des	designation	DGR	dgr	degrease
DES	des	designator	DGS	DGS	degaussing system
DES	des	designer	DGSFR	DGSFR	degasifier
DESCONT	descont	design control	DGTL	dgtl	digital
DESCP	descp	description	DGTZR	dgtzr	digitizer
DESCR	descr	describe	DHD	DHD	drop hammer die
DESTN	destn	destination	DHMY	dhmy	dehumidify
DESTR	destr	destructor	DHW	DHW	double-hung windows
DESTRFIR	destrfir	destructive firing	DI	DI	demand indicator
DET	det	detail	DI	di	deicing
DET	det	detector	DIA	DIA	deficiency in allowance
DET	det	determinant			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
DIA	dia	diameter	DISTING	disting	distinguish
DIAG	diag	diagonal	DISTN	distn	distortion
DIAG	diag	diagram	DISTR	distr	distribute
DIAGR	diagr	diagrammatic	DISTR	distr	distributor
DIALPHTH	dialpht	diallyl phthalate	DIV	div	divertor
DIAPH	diaph	diaphragm	DIV	div	divide
DID	DID	direct inward dialing	DIV	div	division
DIEL	diel	dielectric	DJ	DJ	drill jig
DIFA	difa	differential amplifier	DKE	dke	deck edge
DIFF	diff	difference	DKHSE	dkhse	deckhouse
DIFF	diff	differential	DKPG	DKPG	depth keeping
DIFFR	diff	diffraction	DL	DL	data link
DIFFTR	difftr	differential time relay	DL	DL	data list
DIFFUS	diffus	diffusing	DL	DL	drawing list
DIGN	dign	diagnostic	DL	dl	daylight
DIHY	dihy	dihydrate	DL	dl	dead light
DIL	dil	dilute	DL	dl	dead load
DIM	dim	dimension	DL	dl	delay line
DINA	DINA	direct noise amplification	DLILMN	dlilmn	dial illumination
DIO	dio	diode	DLINDG	dlindg	dial indicating
DIOPT	diopt	diopter	DLO	dlo	daylight opening
DIP	DIP	dual in-line package	DLOCK	dlock	dial lock
DIPLXR	diplex	diplexer	DLR	dlr	dealer
DIPX	dipx	diplex	DLIS	DLIS	Defense Logistics Information Services
DIR	dir	direct	DLT	dlt	data line translator
DIR	dir	direction	DLVY	dlvy	delivery
DIR	dir	directional	DLX	dlx	deluxe
DIR	dir	director	DLX	dlx	die lock
DIRCONN	dirconn	direct connect	DLY	dly	delay
DIRCOUP	dircoup	directional coupler	DLY	dly	dolly
DIRELEC	direlec	direct electric	DM	DM	demand meter
DIRFLT	dirflt	directional filter	DM	DM	diesel mechanical
DIRINJ	dirinj	direct injection	DM	DM	dressed and matched
DIROPR	diropr	direct operated	DMA	DMA	direct memory access
DISASSM	disassm	disassemble	DMC	DMC	digital microcircuit
DISASSY	disassy	disassembly	DMD	dmd	diamond
DISC	disc	disconnect	DME	DME	distance-measuring equipment
DISCAPRS	DISCAPRS	dental suction apparatus	DMGT	dmgt	data management
DISCH	disch	discharge	DMGZ	dmgz	demagnetize
DISLVD	dislvd	dissolved	DMH	dmh	drop manhole
DISM	dism	dismantle	DML	dml	demolition
DISN	disn	digital ignition system negative	DMNRLZR	dmnrlzr	demineralizer
DISP	disp	dispatcher	DMOUNT	dmount	demountable
DISP	disp	dispensary	DMPG	dmpg	dumping
DISP	disp	dispenser	DMPR	dmpr	damper
DISP	disp	displacement	DMR	dmr	dimmer
DISPN	dispn	disposition	DMTZR	dmtzr	demagnetizer
DIST	dist	distance	DMUX	DMUX	demultiplexer
DIST	dist	distant	DN	dn	down
DIST	dist	district			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
DNA	DNA	does not apply	DPLXR	dplx	duplexer
DNDFT	dndft	downdraft	DPM	DPM	data processing machine
DNG	dng	dining	DPNL	DPNL	distribution panel
DNTL	dntl	dental	DPO	DPO	drip proof open
DNTRD	dntrd	denatured	DPP	DPP	drip proof protected
DNU	DNU	do not use	DPR	dpr	diazo print
DO	DO	diesel oil	DPRP	DPRP	drip proof and ratproof
DO	DO	dissolved oxygen	DPS	DPS	drip proof semi-enclosed
DO	DO	draw out	DPSK	dpsk	dipstick
DO	do	ditto	DPST	DPST	double-pole, single-throw
DOC	doc	document	DPST	DPST	two-pole, single-throw
DoD	DoD	Department of Defense	DPSTSW	DPSTSW	double-pole, single-throw switch
DOD	DOD	direct outward dialing	DPSW	DPSW	double-pole switch
DODAAC	DODAAC	Department of Defense Activity Address Code	DPT	DPT	drip proof, totally enclosed
DoDSSP	DoDSSP	Department of Defense Single Stock Point	DPTW	DPTW	desk, double-pedestal typewriter
DOL	DOL	dynamic octal load	DPV	DPV	dry pipe valve
DOM	dom	domestic	DR	DR	drafting request
DOS	DOS	disk operated system	DR	DR	drill rod
DOT	DOT	Department of Transportation	DR	dr	dead reckoning
DOVAP	DOVAP	Doppler velocity and position	DR	dr	drain
DOWNSOL	downsol	down solenoid	DR	dr	dram
DOZ	doz	dozen	DR	dr	drill
DP	DP	deflection plate	DR	dr	drive
DP	DP	demand meter, printing	DRA	dra	dead reckoning analyzer
DP	DP	dew point	DRAM	DRAM	dynamic random access memory
DP	DP	diametral pitch	DRCDG	drcdg	data recording
DP	DP	differential pressure	DRCTY	drcty	directly
DP	DP	double-pole	DRDCN	drdcn	data reduction
DP	DP	drill plate	DRE	DRE	dead reckoning equipment
DP	DP	dry battery	DRF	DRF	datum reference frame
DP	DP	two-pole	DRGR	drgr	dredger
DP	dp	dampproofing	DRI	DRI	dead reckoning indicator
DP	dp	dashpot [relay]	DRK	drk	derrick
DP	dp	deck piercing	DRM	DRM	drafting room manual
DP	dp	depth	DRO	DRO	destructive readout
DP	dp	drip proof	DRS	drs	dressed [lumber]
DP	dp	dual-purpose	DRSG	drsg	dressing
DPBC	DPBC	double-pole, back-connected	DRSR	drsr	dresser
DPD	DPD	digital product definition	DRT	DRT	dead reckoning tracer
DPDT	DPDT	double-pole, double-throw	DRTA	drta	drip tank
DPDT	DPDT	two-pole, double-throw	DRTL	DRTL	diode resistor transistor logic
DPDTSW	DPDTSW	double-pole, double-throw switch	DRTR	DRTR	dead reckoning trainer
DPF	dpf	diesel particulate filter	DRU	DRU	drive unit
DPFC	DPFC	double-pole, front-connected	DRVR	drvr	driver
DPFT	DPFT	desk, double-pedestal flat top	DS	DS	decade scaler
DPG	dpg	damping	DS	DS	decanning scuttle
DPH	DPH	diamond-pyramid hardness	DS	DS	discarding sabot
DPI	dpi	dots per inch	DS	DS	disconnect switch

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
DS	DS	display and storage	DTT	dt	detent
DS	DS	domestic service	DTVM	DTVM	differential thermocouple voltmeter
DS	DS	draft stop	DTYCY	DTYCY	duty cycle
DS	ds	double sided	DUM	dum	dummy
DS	ds	downspout	DUMR	DUMR	dust and moisture
DSB	DSB	double-sideband	DUNC	DUNC	deep underwater nuclear counter
DSBL	dsbl	disable	DUNS	DUNS	Dun & Bradstreet Data Universal Numbering System
DSCC	dsc	desiccant	DUP	dup	duplicate
DSCONT	dscont	discontinue	DUT	DUT	device under test
DSCRM	dscrm	discriminator	DVBD	DVBD	diesel V-belt drive
DSCT	DSCT	double secondary current transformer	DVC	dvc	device
DSD	DSD	dual-speed drive	DVL	dvl	develop
DSENGA	dsenga	disengaging	DVM	DVM	digital voltmeter
DSGN	dsgn	design	DVR	dvr	diver
DSHR	dshr	dish rinsing	DVTL	dvtl	dovetail
DSIF	DSIF	deep-space instrumentation facility	DW	DW	distilled water
DSL	dsl	diesel	DW	DW	double weight
DSLTL	dslt	deck surface light	DW	dw	dishwasher
DSLTR	dsltr	desalter	DW	dw	dumbwaiter
DSNTZ	dsntz	desensitize	DWD	DWD	dumbwaiter door
DSPEC	DSPEC	design specification	DWEL	dwel	dwelling
DSPL	dspl	display	DWG	dwg	drawing
DSPL	dspl	disposal	DWL	DWL	designed waterline
DSPNSG	dspnsg	dispensing	DWL	DWL	dominant wavelength
DSR	DSR	data scanning and routing	DWL	dwl	dowel
DSSB	DSSB	double single-sideband	DWLFBD	DWLFBD	double-wall fiberboard
DST	DST	door stop	DWN	dwn	drawn
DSTL	dstl	distill	DWR	dwr	drawer
DSTLT	dstlt	distillate	DWS	DWS	drop wood siding
DSU	DSU	disk storage unit	DWT	dwt	deadweight
DSUPHTR	dsuphtr	desuperheater	DWT	dwt	pennyweight
DSW	DSW	door switch	DX	dx	duplex
DT	DT	decay time	DXE	DXE	data transmitting equipment
DT	DT	deep tank	DYB	DYB	dynamic breaking
DT	DT	die template	DYG	dyg	drying
DT	DT	double-throw	DYHR	dyhr	dehydrator
DT	DT	drain tile	DYN	dyn	dynamic
DT	DT	dual tires	DYN	dyn	dynamo
DT	DT	dust-tight	DYNM	dynm	dynamotor
DTCH	dtch	detached	DYNMT	dynmt	dynamite
DTD	DTD	dated	DYNMT	dynmt	dynamometer
DTE	DTE	data terminal equipment			
DTER	dter	dither			
DTL	DTL	diode transistor logic			
DTR	DTR	definite-time relay			
DTR	DTR	demand-totalizing relay			
DTRBD	dtrbd	daughterboard			
DTRS	dtrs	distress			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
EAS	EAS	equivalent airspeed	EDUC	educ	eductor
EAX	EAX	electronic automatic exchange	EDYNMT	EDYNMT	electric dynamometer
EBASB	ebasb	ebony asbestos	EE	EE	end to end
EBCDIC	EBCDIC	expanded binary-coded decimal interchange code	EEG	EEG	electroencephalogram
EC	ec	engineering change	EEG	EEG	electroencephalograph
ECA	ECA	equipment condition analysis	EEPROM	EEPROM	electrically erasable programmable read-only memory
ECC	ECC	error correction code	EF	EF	each face
ECC	ecc	eccentric	EF	EF	emitter follower
ECCM	ECCM	electronic counter-countermeasures	EF	EF	extra fine [threads]
ECCSL	ECCSL	emitter-coupled current-steered logic	EFC	EFC	engineering field change
ECD	ECD	estimated completion date	EFF	eff	effective
ECDC	ECDC	electrochemical diffused collector	EFF	eff	efficiency
ECG	ECG	electrocardiogram	EFFL	effl	effective focal length
ECG	ECG	electrocardiograph	EFL	efl	effluent
ECH	ech	echelon	EFT	EFT	electronic funds transfer
ECL	ECL	emitter-coupled logic	EFT	eft	effect
ECM	ECM	electronic countermeasures	EG	eg	for example
ECME	ECME	electronic countermeasures environment	EGD	egd	electrogasdynamics
ECMP	ECMP	electronic countermeasures program	EGO	EGO	eccentric orbit geophysical observatory
ECN	ECN	engineering change notice	EGR	egr	exhaust gas recirculation
ECN	ECN	equipage category number	EGRD	EGRD	eye guard
ECO	ECO	electron-coupled oscillator	EGT	EGT	exhaust gas temperature
ECO	ECO	electronic checkout	EGV	EGV	exit guide vane
ECO	ECO	engineering change order	EHF	EHF	end half
ECON	econ	economize	EHF	EHF	extremely high frequency
ECP	ECP	engineering change proposal	EHW	EHW	extreme high water
ECR	ECR	engineering change request	EI	EI	electronic interface
ECS	ECS	emergency coolant system	EI	EI	equip and install
ECSW	ECSW	end cell switch	EIC	eic	early inlet closing
ECWIRE	ECWIRE	extra control wire	EID	EID	enterprise identifier
ED	ED	engine drive	EIDLT	eidlt	emergency identification light
EDA	EDA	electronic digital analyzer	EJCTR	ejctr	ejector
EDDD	EDDD	expanded direct distance dialing	EJN	ejn	ejection
EDE	EDE	emergency decelerating [relay]	EJNST	EJNST	ejection seat
EDFA	EDFA	electronic differential analyzer	EL	EL	each layer
EDGW	edgw	edgewise	EL	EL	elastic limit
EDM	EDM	electrical discharge machining	EL	EL	eye lens
EDO	EDO	effective diameter of objective	EL	el	electroluminescent
EDP	EDP	electronic data processing	EL	el	elevation
EDR	EDR	equivalent direct radiation	ELAS	elas	elastic
EDSK	EDSK	engineering department sketch	ELAS	elas	elasticity
EDT	EDT	electric discharge tube	ELB	elb	elbow
EDUC	educ	education	ELC	elc	extended life coolant
EDUC	educ	educator	ELCTC	ELCTC	electric contact
			ELCTCBR	ELCTCBR	electric contact brush
			ELCTD	elctd	electrode
			ELCTLT	elctl	electrolyte
			ELCTLT	elctl	electrolytic

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
ELCTRG	ELCTRG	electric contact ring	ENAM	enam	enamel
ELCTRN	elctrn	electron	ENBL	enbl	enable
ELEC	elec	electric	ENCAP	encap	encapsulation
ELECDR	elecdr	electric drive	ENCD	encd	encode
ELECMS	elecms	electronic monitoring system	ENCDR	encdr	encoder
ELECSTG	elecstg	electric starting	ENCL	encl	enclose
ELECTC	ELECTC	electronic control	ENCL	encl	enclosure
ELEK	elek	electronic	ENCSD	encsd	encased
ELEM	elem	element	ENG	Eng	English
ELEM	elem	elementary	ENG	eng	engine
ELEV	elev	elevate	ENGA	enga	engage
ELEV	elev	elevator	ENGA	enga	engaging
ELEX	elex	electronics	ENGOILPR	engoilpr	engine oil pressure
ELF	ELF	extremely low frequency	ENGR	enr	engineer
ELHYD	elhyd	electrohydraulic	ENGRG	engrg	engineering
ELIM	elim	eliminate	ENGRM	ENGRM	engine room
ELINT	ELINT	electronic intelligence	ENGRV	engrv	engrave
ELMCH	ELMCH	electromechanical	ENGV	ENGV	engine V-belt
ELNG	elng	elongate	ENGY	engy	energy
ELONG	elong	elongation	ENI	ENI	environmental impact
ELP	elp	elliptical	ENLG	enlg	enlarge
ELPC	ELPC	electroluminescent photoconductive	ENLGD	enlgd	enlarged
ELPH	ELPH	elliptical head	ENRCZ	enrgz	energize
ELPNEU	elpneu	electropneumatic	ENSI	ENSI	equivalent noise sideband input
ELV	ELV	electrically operated valve	ENTC	ENTC	engine negative torque control
ELVSCPR	elvscpr	elevating scraper	ENTR	entr	entrance
ELW	ELW	extreme low water	ENUM	enum	enumeration
EM	EM	enlisted men	ENV	env	envelope
EM	EM	epitaxial mesa	ENVIR	envir	environment
EM	EM	expanded metal	ENVIR	envir	environmental
EM	em	electromagnetic	EO	EO	engine oil
EMA	EMA	engineering manufacturing authorization	EO	EO	engineering order
EMB	emb	emboss	EO	EO	ethylene oxide
EMC	emc	electromagnetic compatibility	EOC	EOC	edge of cutter
EMD	EMD	electric-motor driven	EOD	EOD	explosive ordnance disposal
EMER	emer	emergency	EOLM	EOLM	electro-optical light modulator
EMF	EMF	electromotive force	EOP	EOP	end of part
EMI	EMI	electromagnetic interference	EOP	eop	edge of ply
EMINT	EMINT	electromagnetic intelligence	EOPM	eopm	edge of ply material
EMP	emp	empennage	EOR	EOR	engine order
EMPL	empl	employee	EOT	EOT	end of tape
EMPS	EMPS	emergency power supply	EOT	EOT	end of transmission [computers]
EMSN	emsn	emission	EP	EP	electrically polarized [relay]
EMT	EMT	electrical metallic tubing	EP	EP	elliptical fillet
EMTR	emtr	emitter	EP	EP	epitaxial planar
EMU	emu	emulator	EP	EP	explosion-proof
EMUL	emul	emulsion	EPBX	EPBX	electronic private branch exchange
EN	EN	engineering notice	EPD	EPD	electric power and distribution

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
EPL	epl	electroplate	EST	EST	electrostatic storage tube
EPO	EPO	engine propeller order	EST	est	estimate
EPROM	EPROM	erasable programmable read-only memory	ESTAB	estab	establish
EPS	EPS	electric power supply	ESTD	ESTD	electronic standard
EPT	EPT	external pipe thread	ESTN	estn	endstone
EPWR	EPWR	emergency power	ET	ET	edge thickness
EQ	eq	equation	ET	ET	elapsed time
EQFL	eqfl	equivalent focal length	ET	ET	electrical time
EQL	eql	equal	ETC	etc	and so forth
EQL	eql	equalizer	ETC	etc	et cetera
EQL	eql	equally	ETCG	ETCG	elapsed-time code generator
EQLSP	eqlsp	equally spaced	ETDT	ETDT	extrusion trim and drill template
EQPT	eqpt	equipment	ETS	ETS	endless tangent screw
EQUIL	equil	equilibrium	ETSQ	ETSQ	electrical time, superquick
EQUIV	equiv	equivalent	ETT	ETT	extrusion trim template
ER	ER	echo ranging	EVA	eva	exhaust valve actuator
ER	ER	electrical resistance	EVAC	evac	evacuate
ER	ER	emergency room	EVAC	evac	evacuator
ERCG	ercg	erecting	EVAL	eval	evaluate
ERCR	ercr	erector	EVAP	evap	evaporate
ERECT	erect	erection	EVAP	evap	evaporator
ERN	ERN	engineering release notice	EVLTN	evltn	evaluation
ERR	ERR	engineering release record	EVM	EVM	electronic voltmeter
ERRC	ERRC	error correction	EVOM	EVOM	electronic volttohmmeter
ERS	ers	erased	EVRLK	evrlk	ever-lock
ES	ES	echo sounding	EW	EW	each way
ES	ES	electronic switching	EW	EW	electronic warfare
ES	ES	equal section	EWASER	EWASER	electromagnetic wave amplification by stimulated emission of radiation
ES	es	electrostatic			
ESA	ESA	engineering support activity	EWB	EWB	embedded wiring board
ESAR	ESAR	electronically steerable array radar	EWG	EWG	electric water cooler
ESC	esc	escape	EWO	EWO	engineering work order
ESC	esc	escutcheon	EX	ex	example
ESD	ESD	electrostatic sensitive device	EX	ex	extra
ESD	esd	electrostatic discharge	EXAM	exam	examination
ESDS	ESDS	electrostatic discharge sensitive	EXC	exc	excavate
ESK	ESK	engineering sketch	EXC	exc	excellent
ESO	eso	engine shipping order	EXC	exc	except
ESOS	ESOS	electrostatic discharge resistive	EXC	exc	excitation
ESP	ESP	equipment and spare parts	EXCH	exch	exchange
ESP	esp	especially	EXCL	excl	exclusive
ESPAR	ESPAR	electronically steerable phased array radar	EXCSV	excsv	excessive
ESPEC	ESPEC	electrical specification	EXCTR	exctr	exciter
ESR	ESR	equivalent series resistance	EXEC	exec	execute
ESS	ESS	electronic switching system	EXEC	exec	executive
ESS	ESS	emergency ship service	EXER	exer	exercise
ESS	ESS	environmental stress screening	EXH	exh	exhaust
ESS	ess	electrostatic sensitive	EXH	exh	exhibit
			EXHV	EXHV	exhaust vent

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
EXP	exp	expand	FAB	fab	fabricate
EXP	exp	expansion	FAB	fab	fabrication
EXP	exp	expense	FAB	fab	first-aid box
EXP	exp	experiment	FABL	FABL	fire alarm bell
EXP	exp	experimental	FABWH	FABWH	flush armor balance watertight hatch
EXP	exp	exposed	FABX	FABX	fire alarm box
EXP	exp	express	FAC	FAC	field accelerator
EXP	exp	expulsion	FAC	fac	factor
EXPED	exped	expedite	FACIL	facil	facility
EXPEN	expen	expendable	FACT	FACT	factual complier
EXPJT	expjt	expansion joint	FACT	FACT	fully automatic compiler translator
EXPL	expl	explanation	FAIR	fair	fairing
EXPLD	expld	explode	FAM	fam	familiar
EXPLN	expln	explosion	FAO	FAO	finish all over
EXPLTN	expltn	exploitation	FARATIO	faratio	fuel-air ratio
EXPNT	expnt	exponent	FAS	FAS	fueling-at-sea
EXPNT	expnt	exponential	FAST	FAST	fast automatic shuttle transfer
EXPO	EXPO	experimental order	FATR	FATR	fixed autotransformer
EXPSR	expsr	exposure	FAX	fax	facsimile
EXST	exst	existing	FB	FB	fire and bilge
EXT	ext	extension	FB	FB	flat bar
EXT	ext	exterior	FB	FB	fuse block
EXT	ext	external	FBCK	fbck	firebrick
EXT	ext	extinguish	FBDC	FBDC	fiberboard, corrugated
EXTD	extd	extrude	FBDS	FBDS	fiberboard, solid
EXTG	extg	extinguisher	FBM	FBM	board foot [measure]
EXTG	extg	extracting	FBM	FBM	fleet ballistic missile
EXTM	extm	extreme	FBM	FBM	foot board measure
EXTND	extnd	extender	FBR	FBR	feedback resistance
EXTR	extr	extractor	FBR	FBR	fiber
EXTRN	extrn	extrusion	FBRBD	fbrbd	fiberboard
EYLT	eylt	eyelet	FBRGL	fbrgl	fiberglass
EYPC	eypc	eyeplate	FBRs	fbrs	fibrous
F			FBT	FBT	form block template
F	F	Fahrenheit	FBT	FBT	forward ballast tank
F	F	fighter [aircraft]	FC	FC	file cabinet
F	F	flat-band metallic armor [insul]	FC	FC	fire control
F	F	flint	FC	FC	front connection
F	F	force	FC	FC	front-connected
F	F	interceptor [aircraft]	FC	fc	fireclay
F	f	frequency (comb form)	FC	fc	foot-candle
F/P	F/P	flat pattern	FCA	FCA	functional configuration audit
F1S	F1S	finish one side	FCB	FCB	free-cutting brass
F2S	F2S	finish two sides	FCG	fcg	facing
FA	FA	field artillery	FCONT	fcont	flow control
FA	FA	final assembly	FCRLS	FCRLS	flight control ready light system
FA	FA	fore and aft	FCS	FCS	fire control system
FA	FA	free aperture	FCSG	fcsg	focusing

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
FCSLE	fcsle	forecastle	FFAR	FFAR	folding-fin aircraft rocket
FCT	FCT	filament center tap	FFC	FFC	flip-flop complementary
FCTN	fctn	function	FFD	FFD	field forcing [decreasing]
FCTY	fcty	factory	FFH	ffh	free fork height
FD	FD	face or field of drawing	FFI	FFI	field forcing [increasing]
FD	FD	flange focal distance	FFILH	FFILH	flat fillister head
FD	FD	floor drain	FFL	FFL	female flared
FD	FD	forced-draft	FFL	FFL	field failure
FD	FD	frequency division	FFL	FFL	flip-flop latch
FD	FD	front of dash	FFL	FFL	front focal length
FD	fd	floppy disc	FFL	ffl	full free lift
FDAO	fdao	final drive and axle oil	FFT	FFT	fast Fourier transform
FDB	FDB	field dynamic braking	FFTL	fftl	full free triple lift
FDB	FBD	forced-draft blower	FG	FG	filament ground
FDBK	fdbk	feedback	FGD	fgd	forged
FDBLR	FDBLR	frequency doubler	FGR	fgr	finger
FDC	FDC	fire department connection	FGY	fgy	foggy
FDE	FDE	field decelerator	FH	FH	fire hose
FDF	FDF	fuel and defueling	FH	FH	full hard
FDFL	FDFL	fluid flow	FHC	FHC	fire hose cabinet
FDI	FDI	field discharge	FHR	FHR	fire hose rack
FDM	FDM	frequency division multiplex	FHSCS	FHSCS	flat head socket cap screw
FDN	FDN	foundation	FHT	fht	fully heat-treated
FDP	FDP	full dog point	fhv	FHY	fire hydrant
FDPL	FDPL	fluid pressure line	FIC	FIC	frequency interference control
FDR	fdr	feeder	FIFO	FIFO	first-in-first-out
FDR	fdr	final drive	FIG	fig	figure
FDR	fdr	finder	FIL	FIL	fuel injection line
FDR	FDR	fire door	FIL	fil	filament
FDRY	fdry	foundry	FIL	fil	fillet
FDSVC	FDSVC	food service	FIL	fil	fillister
FDTT	FDTT	full duplex teletype	FILH	FILH	fillister head
FDW	fdw	feedwater	FILL	fill	filling
FDWL	FDWL	fiberboard, double wall	FIM	FIM	full indicator movement
FEB	Feb	February	FIP	FIP	fuel injection pump
FEB	feb	functional electronic block	FIR	FIR	fuel indicator reading
FED	Fed	federal	FIR	fir	full indicator reading
FELR	feir	feeler	FIS	FIS	floating-point instruction set
FEM	fem	female	FIT	FIT	fault isolation test
FER	FER	forward engine room	FKD	FKD	forked
FERCON	fercon	ferrule-contact	FL	FL	flag note (number)
FET	FET	field-effect transistor	FL	FL	floor line
FEXT	FEXT	fire extinguisher	FL	FL	flute lead
FF	FF	face to face	FL	FL	focal length
FF	FF	file finish	FL	fl	filter (comb form)
FF	FF	fire and flushing	FL	fl	flashing
FF	FF	fire fighting	FL	fl	flood [vent]
FF	FF	flip-flop	FL	fl	floor
FF	ff	following	FL	fl	fluid
FF	FF	full field	FL	fl	flush

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
FL	fL	footlambert	FLT	flt	flight
FLA	fla	full-load amperes	FLT	flt	float
FLD	fld	field	FLTD	fltd	fluted
FLDG	fldg	folding	FLTG	fltg	floating
FLDK	FLDK	flight deck	FLTP	FLTP	flush type
FLDNG	fldng	flooding	FLTR	FLTR	filter
FLDO	FLDO	final limit, down	FLU	FLU	final limit, up
FLDT	fldt	floodlight	FLUOR	fluor	fluorescent
FLEA	FLEA	flux logic element array	FLUSOC	FLUSOC	fluted socket
FLEX	flex	flexible	FLUSOCH	FLUSOCH	fluted socket head
FLEX	flex	flexure	FLUT	flut	flutter
FLF	FLF	final limit, forward	FLW	FLW	flash welding
FLG	flg	flange	FLW	FLW	flat washer
FLG	flg	flooring	FLWK	FLWK	flat work
FLGSTF	flgstf	flagstaff	FLWP	flwp	follow-up
FLGSTN	flgstn	flagstone	FLYWHL	flywhl	flywheel
FLH	FLH	final limit, hoist	FLYWT	flywt	flyweight
FLH	FLH	flat head	FM	FM	field manual
FLHLS	flhls	flashless	FM	FM	fire main
FLIDEN	FLIDEN	flight data entry	FM	FM	frequency modulation
FLKD	flkd	fluked	FMAN	fman	foreman
FLL	FLL	final limit, lower	FMR	FMR	frequency modulated radar
FLL	FLL	flow line	FMS	FMS	floating machine shop
FLLD	flld	full load	FMS	FMS	free-machining steel
FLM	flm	flame	FMS	fms	fumes
FLMB	flmb	flammable	FMT	FMT	flush metal threshold
FLMPRF	flmprf	flameproof	FMW	fmw	firmware
FLMPRS	FLMPRS	film processing	FN	FN	find number
FLMRES	FLMRES	flame resistant	FN	FN	flat nose [projectile]
FLMRTD	FLMRTD	flame retardant	FND	fnd	fender
FLMSD	FLMSD	film sound	FNH	FNH	flashless nonhygroscopic
FLMT	FLMT	flush mount	FNI	FNI	fan in
FLMTT	flmtt	flame-tight	FNO	FNO	fan out
FLN	fln	flatten	FNPT	FNPT	fusion point
FLN	fln	fuel line	FNSH	fnsh	finish
FLNG	flng	fueling	FO	FO	fast operate [relay]
FLOCOM	FLOCOM	floating commutator	FO	FO	flat oval
FLOT	flot	flotation	FO	FO	fuel oil
FLPR	flpr	flapper	FO	fo	foldout
FLR	flr	failure	FOB	FOB	free on board
FLR	flr	filler	FOB	FOB	front of board
FLR	FLR	final limit, reverse	FOC	foc	focal
FLRD	flrd	flared	FOC	foc	focus
FLRG	FLRG	flaring	FOD	FOD	foreign object damage
FLRT	FLRT	flow rate	FOFM	FOFM	fog foam
FLRY	flry	flurry	FOL	fol	follow
FLSP	FLSP	flight space	FOLQ	FOLQ	foam liquid
FLSW	FLSW	flow switch	FOP	FOP	fuel oil pump
FLT	flt	fault	FORG	forg	forging
FLT	flt	flashlight	FORM	form	formation

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
FORM	form	formula	FRICT	frict	friction
FORTTRAN	FORTTRAN	formula translation	FRLD	frld	fairlead
FOSGEN	FOSGEN	fog oil smoke generator	FRM	frm	fire room
FOT	FOT	frequency of optimum operation	FRMR	frmr	former
FOT	FOT	fuel-oil transfer	FRNG	frng	fringe
FOVH	FOVH	flush oiltight ventilation hole	FRT	frt	freight
FOY	foy	foyer	FRTN	frtn	front end
FP	FP	faceplate	FRWK	frwk	framework
FP	FP	feedback positive	FRZR	frzr	freezer
FP	FP	field protective	FS	FS	far side
FP	FP	flat point	FS	FS	Federal Specification
FP	FP	forward perpendicular	FS	FS	female soldered
FP	FP	freezing point	FS	FS	field service
FP	FP	fungus proof	FS	FS	finish specification [number]
FP	fp	fireplace	FS	FS	fin-stabilized
FP	fp	forepeak	FS	FS	fire station
FP	fp	fuel pump	FS	FS	foreign service
FPGA	FPGA	field programmable gate array	FS	FS	freight supply [vessel]
FPI	FPI	fluorescent penetrant inspection	FS	FS	functional schematic
FPL	fpl	fire plug	FS	FS	fuselage station
FPM	FPM	foot per minute	FS	FS	sulfur trioxide chlorosulfonic acid
FPOT	FPOT	feedback potentiometer	FS	fs	foresight
FPPR	fppr	fish paper	FS	fs	front shovel
FPR	fpr	fuel pressure	FS	fs	full size
FPRF	fprf	fireproof	FSBL	fsbl	feasible
FPS	FPS	foot per second	FSBL	fsbl	fusible
FPS	FPS	foot-pound-second	FSBLCUT	fsblcut	fusible cutout
FPT	FPT	female pipe thread	FSC	fsc	full scale
FPTS	FPTS	forward propagation tropospheric scatter	FSCIL	FSCIL	Federal Supply Catalog Identification List
FR	FR	failure rate	FSCM	FSCM	Federal Supply Code for Manufacturers
FR	FR	fast release [relay]	FSE	FSE	field support equipment
FR	FR	field reversing	FSK	FSK	frequency-shift keying
FR	fr	frame	FSMWO	FSMWO	field service modification work order
FR	fr	front	FSN	FSN	Federal Stock Number
FRAC	frac	fractional	FSN	FSN	fuel service nozzle
FRAG	frag	fragment	FSSN	fssn	fission
FRAG	frag	fragmentation	FST	FST	forged steel
FRBEL	frbel	from below	FSTNR	fstnr	fastener
FRC	frc	fuel ratio control	FSW	FSW	field switch
FREBD	freebd	freeboard	FSW	FSW	frame synchronization word
FREQ	freq	frequency	FT	FT	flush threshold
FREQCHG	freqchg	frequency changer	FT	FT	frequency tracker
FREQCONV	freqconv	frequency converter	FT	ft	foot
FREQM	FREQM	frequency meter	FT	ft	fume tight
FRES	FRES	fire-resistant	FT	ft	functional test
FRESFL	fresfl	fire-resistant fluid	FTC	FTC	fast time constant
FRFY	frfy	french fry	FTD	ftd	fitted
FRHGT	FRHGT	free height			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
FTF	FTF	flared tube fitting	FZ	fz	fuze
FTFGS	FTFGS	flared tube fitting gasket seal	FZSTO	fzsto	frozen storage
FTG	ftg	fitting			
FTG	ftg	footing	G		
FTHRD	FTHRD	female thread	G	G	gate [electron device]
FTI	FTI	frequency time indicator	G	g	girder
FTK	FTK	fuel tank	G	g	gravity
FTLB	FTLB	foot pound force	G	g	green
FTP	FTP	fuel transfer pump	G	g	grounded [outlet]
FTP	ftp	fully tapered and polished	G	g	gram
FTR	FTR	fixed transom	GA	GA	gas amplification
FTR	FTR	flat tile roof	GA	GA	glide angle
FTR	fr	feather	GA	GA	graphic ammeter
FTR	fr	functional test requirement	GA	GA	ground-to-air
FTT	FTT	flat trim template	GA	ga	gage (gauge)
FTTW	FTTW	desk, combination flat top and typewriter	GABD	GABD	gage board
FUBX	FUBX	fuse box	GAL	gal	gallon
FUHLR	fuhlr	fuse holder	GALL	gall	gallery
FUJ	FUJ	front upset jaw	GALV	galv	galvanic
FUL	ful	fulcrum	GALV	galv	galvanize
FUND	fund	fundamental	GALVI	galvi	galvanized iron
FUNL	funl	funnel	GALVND	galvnd	galvannealed
FUR	fur	furnace	GALVNM	galvnm	galvanometer
FURN	furn	furnish	GALVS	galvs	galvanized steel
FURN	furn	furniture	GALY	galy	galley
FUSLG	fuslg	fuselage	GAM	GAM	guided aircraft missile
FUT	fut	future	GAR	GAR	guided aircraft rocket
FV	FV	flush value	GAR	gar	garage
FV	FV	front view	GARBD	garbd	garboard
FV	fv	full voltage	GAS	gas	gasoline
FVD	FVD	front vertex back focal distance	GASFR	gasfr	gasifier
FW	FW	face width	GASW	GASW	gas weld
FW	FW	fire wall	GAV	gav	gas admission valve
FW	FW	fresh water	GBG	gbg	garbage
FW	fw	full wave	GCA	GCA	ground-controlled approach
FWA	fwa	front wheel assist	GCC	GCC	ground control center
FWD	fwd	forward	GCD	gcd	greatest common divisor
FWDCT	FWDCT	fresh water drain collecting tank	GCI	GCI	ground-controlled interception
FWK	FWK	field weakening	GCMPS	gcmps	gyrocompass
FWP	FWP	feedwater pump	GCN	GCN	gage code number
FWP	FWP	fresh water pump	GCRG	GCRG	gun carriage
FWPLN	FWPLN	fairwater planes	GCWR	gcwr	gross combined weight rating
FWS	fws	free wheeling stator	GD	GD	graphic demand meter
FXD	fxd	fixed	GD	GD	ground detector
FXP	FXP	fixed point	GD	GD	grown diffused
FXTR	fxtr	fixture	GD	gd	guard
FY	FY	fiscal year	GD&T	GD&T	geometric dimensioning and tolerancing
FYIG	FYIG	for your information and guidance	GDE	gde	guide

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
GDE	gde	guided	GLV	GLV	globe valve
GDLK	GDLK	grid leak	GLWB	glwb	glazed wallboard
GDNC	gdnc	guidance	GLYCN	glycn	glycerin
GDOP	GDOP	geometric dilution of precision	GLZ	glz	glaze
GDR	GDR	guard rail	GM	GM	geometric mean
GE	GE	gas ejection	GM	GM	guided missile
GECC	GECC	gasoline engine, close-coupled	GM	gm	gaseous mixture
GED	GED	gasoline engine driven	GM	gm	metacentric height
GEN	gen	generation	GMBL	gmbl	gimbal
GEN	gen	generator	GMC	GMC	gun motor carriage
GENCONT	gencont	general contractor	GMCM	GMCM	guided missile countermeasures
GENG	geng	gasoline engine	GMET	gmet	gun metal
GENL	genl	general	GMLDG	gmldg	garnish molding
GEOL	geol	geological	GMR	GMR	ground mapping radar
GEOMAG	geomag	geomagnetism	GMT	GMT	Greenwich mean time
GFAE	GFAE	government-furnished aircraft equipment	GMTRY	gmtry	geometry
GFD	GFD	gap-filler data	GMV	GMV	guaranteed minimum value
GFE	GFE	government-furnished equipment	GN	GN	general note (number)
GFF	GFF	granolithic finish floor	GND	gnd	ground
GFI	GFI	ground-fault interrupter	GNDDRVN	gnddrvn	ground driven
GFLD	gfld	generator field	GNLTD	gnltd	granulated
GFM	GFM	government-furnished material	GNOZ	GNOZ	grease nozzle
GFP	GFP	government-furnished parts	GNP	GNP	gas, nonpersistent
GFP	GFP	government-furnished property	GOE	GOE	ground operation equipment
GFU	GFU	glazed facing unit	GOPR	GOPR	gas operated
GG	GG	ground-to-ground	GOR	GOR	general operational requirement
GGL	GGL	ground glass	GOV	GOV	government
GI	gi	gray iron	GOV	gov	governor
GIDEP	GIDEP	Government-Industry Data Exchange Program	GOVG	govg	governing
GIGO	GIGO	garbage in, garbage out	GOVT	govt	government
GIL	GIL	green indicating lamp	GOVTOR	govtor	governor torque
GIRLS	GIRLS	Generalized Information Retrieval and Listing System	GOX	gox	gaseous oxygen
GIT	GIT	graph isomorphism tester	GP	GP	gang punch
GJ	GJ	grown junction	GP	GP	gas, persistent
GL	GL	grade line	GP	GP	ground-protective [relay]
GL	GL	green light	GP	gp	general purpose
GL	gl	glass	GP	gp	group
GLB	glb	glass block	GPC	gpc	gypsum-plaster ceiling
GLD	gld	gold	GPEN	GPEN	general plant equipment requirements
GLE	GLE	government-loaned equipment	GPF	gpf	gasproof
GLI	gli	glider	GPH	GPH	gallon per hour
GLOSS	gloss	glossary	GPH	gph	graphite
GLPG	glpg	glow plug	GPI	GPI	ground-position indicator
GLS	GLS	glide slope	GPM	GPM	gallon per minute
GLT	glt	guide light	GPS	GPS	gallon per second
GLTN	glt	guillotine	GPS	GPS	global positioning system
			GPW	gpw	gypsum-plaster wall
			GR	GR	grid resistor

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
GR	gr	grab rod	GSU	GSU	glazed structural units
GR	gr	grade	GSUB	GSUB	glazed structural unit base
GR	gr	grain	GSV	GSV	globe stop valve
GR	gr	gross	GSWR	GSWR	galvanized-steel-wire rope
GRA	gra	gray	GT	GT	grease trap
GRAB	grab	grade ability	GT	gt	gastight
GRAD	grad	gradient	GTC	GTC	gain time control
GRAN	gran	granite	GTC	GTC	gas turbine compressor
GRAN	gran	granodize	GTL	GTL	government test laboratory
GRB	GRB	granolithic base	GTO	GTO	gate turnoff
GRBX	grbx	gearbox	GTR	gtr	garter
GRC	grc	gearcase	GTRB	GTRB	gas turbine
GRD	grd	grind	GTV	GTV	gate valve
GRDL	grdl	griddle	GUAR	guar	guarantee
GRDTN	grdtn	graduation	GUN	gun	gunnery
GRG	grg	gearing	GUS	gus	gusset
GRK	grk	gear rack	GUT	gut	gutter
GRL	grl	grille	GVA	GVA	graphic kilovolt-ampere meter
GRLP	GRLP	ground lamp	GVL	gvl	gravel
GRN	grn	green	GVW	GVW	gross vehicle weight
GRO	gro	gear oil	GWB	gwb	gypsum wallboard
GROM	grom	grommet	GWT	GWT	glazed wall tile
GRPH	grph	graphic	GWTB	GWTB	glazed wall tile base
GRPL	grpl	grapple	GY	gy	gray
GRS	grs	grease	GYM	gym	gymnasium
GRSH	grsh	gearshift	GYP	gyp	gypsum
GRSHFT	grshft	gear shaft	GYRO	gyro	gyroscope
GRTG	grtg	grating	GZ	GZ	ground zero
GRTN	GRTN	grid return	GZ	gz	righting arm
GRTR	grtr	generated rotor			
GRTR	grtr	grater	H		
GRV	grv	groove	H	H	henry
GRVA	GRVA	graphic varimeter	H	h	head (comb form)
GRVD	grvd	grooved	H	h	horizontal (comb form)
GRVG	grvg	grooving	H&C	h&c	head and cover
GRVR	grvr	groover	HA	HA	hardness assurance
GRWT	GRWT	gross weight	HA	HA	high altitude
GS	GS	ground speed	HAF	HAF	heavy aircraft fuel
GS	gs	gas safety	HAP	HAP	high-altitude platform
GSA	GSA	General Services Administration	HARN	harn	harness
GSAP	GSAP	gunsight aiming point	HARNLTHR	harnlthr	harness leather
GSB	GSB	gypsum sheathing board	HARP	HARP	Halpern anti-radar paint
GSBR	GSBR	gravel-surface buildup roof	HARVEST.	harvest.	harvester
GSE	GSE	ground support equipment	HATCDS	HATCDS	high-altitude terrain contour data sensor
GSFU	GSFU	glazed structural facing unit	HAV	hav	haversine
GSIL	GSIL	German silver	HAZ	haz	hazardous
GSKT	gskt	gasket	HB	HB	hose bib
GSS	GSS	gamma scintillation system	HB	hb	half breadth
GST	gst	gas start			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
HB	HB	heavy barrel [rifle]	HEAF	HEAF	heavy end aviation fuel
HBCN	HBCN	hazard beacon	HEAP	HEAP	high-explosive armor-piercing
HBPUMP	HBPUMP	hot brine pump	HEAT	HEAT	high-explosive antitank
HBW	HBW	Brinell hardness	HEDS	HEDS	high-explosive discarding sabot
HC	HC	hand crank	HEI	HEI	high-explosive incendiary
HC	HC	heating cabinet	HEIT	HEIT	high-explosive incendiary with tracer
HC	HC	high capacity [projectile]	HEMW	HEMW	hybrid electromagnetic wave
HC	HC	high carbon	HEP	HEP	high-explosive plastic
HC	HC	holding coil	HERA	HERA	high-explosive rocket-assisted
HC	HC	hose clamp	HERJ	HERJ	high-explosive ramjet
HC	HC	hydraulic clean	HES	HES	high-explosive spotting
HC	hc	hexachloroethane	HEST	HEST	heat emergency service tanks
HCG	HCG	horizontal location of center of gravity	HET	HET	high-explosive with tracer
HCI	HCI	hardness critical item	HET	het	heterodyne
HCL	HCL	horizontal center line	HEX	hex	hexagon
HCN	HCN	hydrocyanic acid	HEX	hex	hydraulic excavator
HCONN	HCONN	hose connector	HEXHD	hexhd	hexagonal head
HCP	HCP	hardness critical process	HEXSOC	hexsoc	hexagonal socket
HCS	HCS	high-carbon steel	HEXSOCH	hexsoch	hexagonal socket head
HCS	hcs	hydraulic cylinder repair stand	HF	HF	high frequency
HCSHT	HCSHT	high-carbon steel, heat treated	HF	HF	holding fixture
HD	HD	harbor defense	HF	hf	hot finished
HD	HD	harmonic distortion	HFB	HFB	hand form block
HD	HD	heavy-duty	HFCUR	HFCUR	high-frequency current
HD	hd	hand (comb form)	HFD	HFD	hydro-form die
HD	hd	hard disc	HFMF	HFMF	hone-finish monolithic floor
HD	hd	head diameter	HFO	HFO	high-frequency oscillator
HDBK	hdbk	handbook	HFS	HFS	hyperfine structure
HDCP	hdcp	handicap	HFS	hfs	hot finished surface
HDCR	HDCR	hard chromium	HFSSF	hfssf	hot finished surface, scale free
HDDRN	HDDRN	hard-drawn	HG	HG	harden and grind
HDG	hdg	heading	HGALV	HGALV	hot-galvanize
HDL	hdl	handle	HGBN	hgbn	herringbone
HDLG	hdlg	handling	HGC	hgc	hypergolic clean
HDLMP	hdlmp	headlamp	HGPS	HGPS	high-grade plow steel
HDLS	hdls	headless	HGR	hgr	hanger
HDN	hdn	harden	HGSW	HGSW	horn gap switch
HDNS	hdns	hardness	HGT	hgt	height
HDOV	hdov	hardover	HH	h	hatch
HDR	hdr	header	HH	HH	heel to heel
HDS	hds	hydrostatic drive system	HH	hh	handhold
HDSHK	hdshk	handshake [computers]	HH	hh	handhole
HDST	hdst	headset	HH	hh	harvester head
HDW	hdw	hardware	HID	hid	high intensity discharge
HDWC	hdwc	hardware cloth	HIFI	HIFI	high fidelity
HDWD	hdwd	hardwood	HIHUM	HIHUM	high humidity
HE	HE	heat exchange	HIMP	HIMP	high impact
HE	HE	high explosive	HINT	HINT	high intensity
HEAA	HEAA	high-explosive anti-aircraft	HIPAR	HIPAR	high-power acquisition radar

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
HIPOT	HIPOT	high potential	HNYCMB	hnycmb	honeycomb
HIPOTT	HIPOTT	high-potential test	HO	ho	hydraulic oil
HIR	HIR	horizontal impulse reaction	HOGEN	HOGEN	hold off generator
HJ	HJ	hinge jaw	HOL	hol	high overlap
HKP	hkp	hookup	HOL	hol	hollow
HL	HL	hand lantern	HOLDSW	holdsw	hold switch
HL	HL	heel line	HOM	hom	homing
HL	HL	hinge line	HON	hon	honorary
HL	hl	highline	HORIZ	horiz	horizontal
HLBR	HLBR	heel breaster	HOSP	hosp	hospital
HLBRD	hlbrd	halberd	HOT	Hot	hydraulic oil temperature
HLCL	hlcl	helical	HOW	how	howitzer
HLCPS	hlcps	helical compression	HP	HP	high pass
HLCPTR	hlcptr	helicopter	HP	HP	high pressure
HLDG	hldg	holding	HP	HP	hot-press
HLDN	hldn	holddown	HP	hp	horsepower
HLDR	hldr	holder	HPB	HPB	hinged plotting board
HLEXT	hlext	helical extension	HPFL	HPFL	high-pass filter
HLFM	hlfm	half-moon	HPHR	HPHR	horsepower-hour
HLG	HLG	hot leg	HPLR	HPLR	hinge pillar
HLL	HLL	high-level language [computers]	HPOT	hpot	helipotentiometer
HLNG	hlng	headlining	HPR	hpr	hopper
HLP	hlp	helper	HPS	HPS	high-pressure steam
HLSD	HLSD	heel sanding	HPT	HPT	high point
HLXA	hlxa	helix angle	HPT	HPT	high-pressure test
HM	HM	hardness maintenance	HPU	hpu	hydrostatic power unit
HM	hm	hollow metal	HQ	hq	headquarters
HMA	hma	hybrid microelectronic assembly	HR	HR	hook rail
HMC	HMC	howitzer motor carriage	HR	HR	hose rack
HMD	hmd	humid	HR	HR	hot-rolled
HMD	hmd	humidity	HR	hr	handling room
HMDF	HMDF	hollow metal door and frame	HR	hr	hour
HMG	HMG	heavy machine gun	HRL	HRL	horizontal reference line
HMG	hmg	hydro-mechanical governor	HRPO	HRPO	hot-rolled, pickled, and oiled
HMNC	hmnc	harmonic	HRS	HRS	hot-rolled steel
HMR	hmr	hammer	HRZN	hrzn	horizon
HMSO	hmso	hydro-mechanical shutoff	HS	HS	hardness surveillance
HNDCONT	hndcont	hand control	HS	HS	high speed
HNDFBR	hndfbr	horn fiber	HS	HS	hinged seat
HNDGEN	hndgen	hand generator	HS	HS	horizon sensor
HNDRL	hndrl	hand rail	HS	HS	horizontal shear
HNDRST	hndrst	hand reset	HSC	HSC	hermetic sealed container
HNDST	hndst	handset	HSC	HSC	horizon scanner
HNDWL	hndwl	handwheel	HSD	HSD	hot side
HNG	hng	hanging	HSDL	hsdl	high speed data link
HNG	hng	hinge	HSE	hse	house
HNIL	HNIL	high noise-immunity logic	HSG	hsg	housing
HNTG	hntg	hunting	HSHLD	hshld	household
			HSR	HSR	high-speed reader
			HSS	HSS	high-speed steel

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
HST	hst	hoist	HXWXL	HXWXL	height by width by length
HSTH	HSTH	hose thread	HYB	hyb	hybrid
HT	HT	high tension	HYBMED	HYBMED	hybrid microelectronic device
HT	HT	hollow tile	HYDAPT	HYDAPT	hybrid digital-analog and pulse time
HT	HT	horizontal tabulation			
HT	HT	hot tin	HYDM	hydm	hydrometer
HT	ht	halftone	HYDR	hydr	hydraulic
HTCI	HTCI	high-tensile cast iron	HYDRELC	hydrelec	hydroelectric
HTD	htd	heated	HYDRST	hydrst	hydrostatic
HTF	HTF	height finding	HYDTD	hytdt	hydrated
HTG	htg	heating	HYP	hyp	hypotenuse
HTL	HTL	high-threshold logic	HYPERB	hyperb	hyperbola
HTM	HTM	high temperature	HYPH	hyph	hydrophone
HTNSL	HTNSL	high tensile	HYPOTH	hypoth	hypothetical
HTR	htr	heater	Hz	Hz	hertz
HTRES	htres	heat-resisting	HZMP	HZMP	horizontal impulse
HTRK	htrk	half-track	HZRN	HZRN	horizontal reaction
HTS	HTS	high tensile strength			
HTS	HTS	high-tensile steel	I		
HTSHLD	htshld	heat shield	I	I	intrinsic (i)-type semiconductor material
HTSK	htsk	heat sink	I/R	I/R	interchangeability/ replaceability
HTTR	httr	heat-treat	IACS	IACS	International Annealed Copper Standard
HV	HV	high voltage	IAGC	IAGC	instantaneous automatic gain control
HVAC	HVAC	heating, venting, and air conditioning	IAS	IAS	indicated airspeed
HVAP	HVAP	high-velocity, armor-piercing	IAVC	IAVC	instantaneous automatic volume control
HVAP	HVAP	hypervelocity, armor-piercing	IAW	IAW	in accordance with
HVAPDS	HVAPDS	hypervelocity, armor-piercing discarding sabot	IB	IB	incendiary bomb
HVAR	HVAR	high-velocity, aircraft rocket	IB	IB	inner bottom
HVC	HVC	hardened voice circuit	IB	IB	instruction book
HVCH	HVCH	hardened voice channel	IB	IB	ironing board
HVR	HVR	high-voltage regulator	IBBM	IBBM	iron-body bronze-mounted
HVRNG	hvrng	hovering	IBCN	ibcn	identification beacon
HVSS	HVSS	horizontal volute spring suspension	IBE	IBE	inner back end
HVTP	HVTP	high-velocity, target practice	IC	IC	impulse conductor
HVTP	HVTP	hypervelocity, target practice	IC	IC	instruction card
HVTPDS	HVTPDS	hypervelocity, target practice, discarding sabot	IC	IC	integrated circuit
			IC	IC	interior communication
HVY	hvy	heavy	IC	IC	internal combustion
HVYEQUIP	hvyequip	heavy equipment	IC	IC	ion chamber
HW	HW	half wave	ICAS	ICAS	intermittent commercial and amateur service
HW	HW	hot water			
HW	hw	head wind	ICBM	ICBM	intercontinental ballistic missile
HW	hw	howler	ICBR	icbr	ice cuber
HWC	HWC	hot water, circulating	ICD	ICD	interface control drawing
HWH	HWH	hot-water heater	ICDRUM	ICDRUM	intercommunication drum
HWL	HWL	high-water line			
HWL	hwl	hot well			
HWY	hwy	highway			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
ICE	ICE	internal combustion engine	IGES	IGES	initial graphics exchange specification
ICF	ICF	inspection check fixture	IGFET	IGFET	insulated-gate field-effect transistor
ICFCD	ICFCD	interior communication and fire control distribution	IGFET	IGFET	isolated-gate field-effect transistor
ICM	icm	intercommunication [short form]	IGMT	igmt	impingement
ICMPS	ICMPS	induction compass	IGN	ign	ignition
ICR	ICR	iron-core reactor	IGN	ign	ignitron
ICRD	ICRD	identification cross-reference drawing	IGNTR	igntr	ignitor
ICRM	icrm	ice cream	IGS	IGS	inertial guidance system
ICS	ICS	intercommunication system	IGT	igt	ingot
ICS	ICS	interphone control station	IGV	IGV	inlet guide vane
ICT	ICT	inspection check template	IHFF	IHFF	inhibit halt flip-flop
ICT	ICT	International Critical Tables	IHP	i hp	indicated horsepower
ICTCD	ictcd	insecticide	IHPH	IHPH	indicated horsepower-hour
ICU	ICU	intensive-care unit	II	ii	item identification
ICW	ICW	interrupted continuous wave	IIL	IIL	integrated injection logic
ID	ID	indentured data list	IK	IK	inner keel
ID	ID	indicator driver	IL	IL	inclined ladder
ID	ID	induced draft	IL	IL	index list
ID	ID	inside diameter	IL	IL	inside layer
ID	ID	internal diameter	IL	IL	instruction leaflet
IDCTR	idctr	inductor	ILA	ILA	instrument landing approach
IDDD	IDDD	international direct distance dialing	ILAS	ILAS	instrument landing approach system
IDENT	ident	identification	ILLUM	illum	illuminate
IDENT	ident	identify	ILLUS	illus	illustrate
IDF	IDF	intermediate distributing frame	ILPFL	ILPFL	ideal low-pass filter
IDFO	IDFO	identified foe	ILS	ILS	instrument landing system
IDL	idl	idler	IM	IM	inside of metal
IDLT	idlt	identification light	IM	IM	installation and maintenance
IDNO	idno	identification number	IM	IM	interceptor missile
IDP	IPD	integrated data processing	IM	IM	intermediate missile
IDRTY	idrtty	indirectly	IMAG	imag	imaginary
IDSM	IDSM	inertial demand servomotor	IMD	IMD	intermodulation distortion
IDTY	IDTY	intermittent duty	IMEP	IMEP	indicated mean effective pressure
IDX	idx	index	IMH	IMH	inlet manhole
IE	ie	that is	IMIT	imit	imitation
IF	IF	inside frosted	IML	IML	inside mold line
IF	IF	instruction folder	IMMED	immed	immediate
IF	IF	intermediate frequency	IMP	imp	impact
IFE	IFE	inner front end	IMPD	impd	impedance
IFF	IFF	identification friend or foe	IMPF	impf	imperfect
IFFS	IFFS	identification friend or foe switching	IMPL	impl	implement
IFL	ifl	inflatable	IMPLR	implr	impeller
IFLDFL	IFLDFL	inflating-deflating	IMPLS	impls	impulse
IFR	IFR	instrument flight rules	IMPPS	IMPPS	improved plow steel
IG	IG	inertial guidance	IMPR	impr	impedor
IGEN	igen	current source	IMPRG	imprg	impregnate

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
IMPRL	imprl	imperial	INORG	inorg	inorganic
IMPROV	improv	improvement	INOZ	INOZ	inch-ounce
IMPRSN	imprsn	impression	INP	inp	input
IMPS	imps	impose	INQ	inq	inquiry
IMRS	imrs	immersion	INR	inr	inner
IMU	IMU	inertial measurement unit	INRT	inrt	inert
IN	in	inch	INRTFLR	INRTFLR	inert filler
INBD	inbd	inboard	INRTG	INRTG	inert gas
INC	INC	incorporated	INRTL	inrtl	inertial
INCAND	incand	incandescent	INS	ins	inside
INCBR	incbr	incubator	INS	ins	insure
INCIN	incin	incinerator	INSC	insc	inscription
INCL	incl	include	INSCHAR	inschar	insert character
INCL	incl	inclusive	INSEP	insep	inseparable
INCLN	incln	inclined	INSOL	insol	insoluble
INCLR	inclr	intercooler	INSP	insp	inspect
INCLS	incls	inclosure	INSR	insr	insert
INCM	incm	incoming	INST	INST	insert screw thread
INCND	incnd	incendiary	INST	inst	instantaneous
INCOH	incoh	incoherent	INST	inst	institute
INCOMP	incomp	incomplete	INSTAR	INSTAR	inertialess scanning, tracking, and ranging
INCOR	incor	incorrect	INSTL	instl	install
INCR	INCR	interrupt control register	INSTL	instl	installation
INCR	incr	increase	INSTLR	instlr	installer
INCR	incr	increment	INSTM	instm	instrumentation
IND	ind	indicate	INSTPN	INSTPN	instrument panel
IND	ind	inductance	INSTR	instr	instruct
IND	ind	induction	INSTR	instr	instrument
IND	ind	industry	INSTRLY	instrly	instantaneous relay
INDEP	indep	independent	INSUF	insuf	insufficient
INDET	indet	indeterminate	INSUL	insul	insulate
INDL	indl	industrial	INT	INT	interface control
INDLP	indlp	indicating lamp	INT	int	integral
INDREG	indreg	inductance regulator	INT	int	interrupter [relay]
INDT	indt	indent	INTCHG	intchg	interchangeable
INDTR	INDTR	indicator-transmitter	INTCHGR	intchgr	interchanger
INDV	indv	individually	INTCON	intcon	interconnection
INF	inf	infinite	INTCON	intcon	internal connection
INF	inf	infinity	INTCP	intcp	intercept
INFO	info	information	INTCYL	intcyl	intercylinder
INFRN	infrn	inference	INTEG	integ	integrating
INHB	inhb	inhibit	INTEL	intel	intelligence
INIT	init	initial	INTEN	inten	intensity
INIT	init	initiation	INTERCOM	intercom	intercommunication
INJ	inj	inject	INTERGOVT	INTERGOVT	intergovernmental
INJ	inj	injection	INTFC	intfc	interface
INJ	inj	injector	INTK	intk	intake
INL	inl	inlet	INTL	intl	internal
INLB	inlb	inch-pound	INTL	intl	international
INOP	inop	inoperative			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
INTLK	intlk	interlock	IPD	ipd	illustrated parts data
INTMD	intmd	intermediate	IPD	ipd	indicated parts data
INTMT	intmt	intermittent	IPL	IPL	indentured parts list
INTPH	intph	interphone	IPS	IPS	international pipe standard
INTPHTR	INTPHTR	interphase transformer	IPS	IPS	iron pipe size
INTPO	intpo	interpole	IPS	IPS	inch per second
INTPR	intpr	interpret	IPT	IPT	internal pipe thread
INTR	intr	interior	IPT	IPT	iron pipe thread
INTRC	intrc	intricate	IR	IR	infrared
INTRF	INTRF	interference	IR	IR	inside radius
INTRG	intrg	interrogate	IR	IR	insulation resistance
INTRO	intro	introduction	IR	IR	interrogator-responder
INTRPL	intrpl	interpolation	IRACQR	IRACQR	infrared acquisition radar
INTRPLRY	intrplry	interpupillary	IRASER	IRASER	infrared maser
INTRPT	intrpt	interrupt	IRBM	IRBM	intermediate-range ballistic missile
INTSCT	intsct	intersect	IRC	IRC	information retrieval center
INTSHP	intshp	inter-ship	IRCM	IRCM	infrared countermeasures
INTSTG	intstg	interstage	IRMRA	IRMRA	infrared monochromatic radiation
INTVL	intvl	interval	IRREG	irreg	irregular
INTVLM	intvlm	intervalometer	IRS	IRS	item reduction studies
INV	inv	inverter	IS	IS	incomplete sequence [relay]
INVAR	invar	invariant	IS	IS	industrial service
INVLT	invlt	involute	IS	IS	insect screen
INVN	invn	inventory	IS	IS	inventory schedule
INVS	invs	inverse	IS	is	island
INVT	invrt	invert	ISAP	ISAP	information sort and predict
INWD	inwd	inward	ISFS	isfs	interim scroll fuel system
INXLTR	INXLTR	input translator	ISGN	isgn	insignia
IO	IO	inlet and outlet	ISLN	isln	isolation
IO	IO	input-output	ISLNWD	islnwd	isolation ward
IOB	IOB	input-output buffer	ISO	ISO	International Organization for Standardization
IOE	IOE	input-output element	ISO	iso	isometric
IOH	IOH	inlet and outlet head	ISOL	isol	isolate
IOL	IOL	instantaneous overload	ISOS	isos	isosceles
IOM	IOM	interoffice memorandum	ISPEC	ISPEC	insulation specification
IONO	iono	ionosphere	ISS	iss	issue
IOR	IOR	input-output register	IST	IST	international standard thread
IP	IP	identification of position	ISTAR	ISTAR	image, storage translation, and reproduction
IP	IP	instruction plate	ISYN	isyn	inductosyn
IP	IP	instruction pulse	IT	IT	instruction tag
IP	IP	interchangeable solid and screen panels	IT	IT	insulating transformer
IP	IP	intermediate pressure	IT	IT	interrogator-transponder
IP	ip	interpost	ITAE	ITAE	integrated time and absolute error
IP	IP	iron pipe	ITL	ITL	inverse time limit
IPA	IPA	intermediate power amplifier	ITR	ITR	inverse time relay
IPADAE	IPADAE	integrated passive-action detection and acquisition equipment	ITS	ITS	insulation test specification
IPB	IPB	illustrated parts breakdown			
IPC	IPC	illustrated parts catalog			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
ITT	ITT	inside trim template	KC	KC	key characteristic
IUID	IUID	item unique identification	KCP	KCP	Keene's cement plaster
IV	IV	initial velocity	KCPC	KCPC	Keene's cement plaster ceiling
IV	IV	intermediate voltage	KD	KD	knock down
IVA	iva	inlet valve actuator	KD	kd	kiln-dried
IW	iw	indirect waste	KDF	KDF	Kalamein door and frame
J			KE	KE	kinetic energy
J	j	joiner	KG	kg	kilogram
JAMG	jamg	jamming	KINE	kine	kinescope
JAN	JAN	Joint Army-Navy	KL	kl	key locker
JAN	Jan	January	KNBL	KNBL	knife blade
JANAF	JANAF	Joint Army-Navy-Air Force	KNED	KNED	knife edge
JAP	jap	japanned	KNSW	KNSW	knife switch
JATO	JATO	jet-assisted takeoff	KO	ko	kickoff [relay]
JB	JB	junction box	KO	ko	knockout
JC	JC	janitor's closet	KOUT	kout	kick out
JC	JC	joint compound	KP	kp	keypunch
JCT	jct	junction	KP	kp	kickpipe
JFET	JFET	junction field-effect transistor	KPD	KPD	kick plate & drip
JKSCR	jkscr	jackscrew	KPG	kpg	keeping
JKT	jkt	jacket	KPL	KPL	kick plate
JND	JND	just noticeable difference	KPLS	KPLS	key pulsing
JNL	jnl	journal	KRAL	kral	Koroseal
JNND	JNND	just not noticeable difference	KRSN	krsn	kerosene
JO	JO	job order	KST	kst	keyseat
JOG	jog	joggle	KVAH	KVAH	kilovolt-ampere hour
JP	JP	jet propelled	KVAHM	KVAHM	kilovolt-ampere hour meter
JP	JP	joists and planks	KVAM	KVAM	kilovolt-ampere meter
JPFT	JPFT	joiner pilaster fumetight	KWHM	KWHM	kilowatt-hour meter
JPNT	JPNT	joiner pilaster nontight	KWY	kwy	keyway
JR	jr	junior	KYBD	kybd	keyboard
JSTICK	jstick	joystick	L		
JT	JT	jig template	L	L	inductance (comb symbol)
JT	jt	joint	L	L	liter
JTB	JTB	joint bar	L	l	cellulose acetate [insul]
JTSN	jtsn	jettison	L	l	lewisite
JUL	Jul	July	L	l	liaison [aircraft]
JUN	Jun	June	L	l	line (comb form)
JW	JW	jacket water	LA	LA	lead angle
K			LA	LA	lightning arrester
K	K	cathode [electron device]	LAB	LAB	low-altitude bombing
K	K	kelvin	LAB	lab	laboratory
K	k	tanker [aircraft]	LAD	lad	ladder
KAL	kal	Kalamein	LADAR	LADAR	laser detection and ranging
KALD	KALD	Kalamein door	LAE	LAE	left arithmetic element
KB	KB	knee brace	LAG	lag	lagging
			LAM	lam	laminate

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
LAMA	LAMA	local automatic message accounting	LCB	LCB	longitudinal position of center of buoyancy
LAN	lan	local area network	LCC	LCC	launch and control center
LANH	lanh	launch	LCD	LCD	liquid-crystal display
LANNET	LANNET	large artificial neuron network	LCF	LCF	longitudinal position of center of flotation
LAP	lap	loading and packaging	LCG	LCG	longitudinal position of center of gravity
LAPT	LAPT	local apparent time	LCH	lch	latch
LAQ	laq	lacquer	LCHR	lchr	launcher
LAS	LAS	low-alloy steel	LCL	LCL	lower control limit
LAS	las	liquid additive system	LCL	lcl	local
LASCR	LASCR	light-activated semiconductor controlled rectifier	LCM	LCM	lead-coated metal
LASER	laser	light amplification by stimulated emission of radiation	LCM	LCM	least common multiple
LASSM	LASSM	line amplifier and super sync mixer	LCOLNT	LCOLNT	low coolant
LAT	lat	latitude	LCR	LCR	inductance-capacitance-resistance
LATL	latl	lateral	LCRV	LCRV	length of curve
LAU	lau	laundry	LCS	LCS	life-cycle survivability
LAV	lav	lavatory	LCSW	LCSW	latch checking switch
LB	LB	letter box	LCT	lct	locate
LB	LB	linoleum base	LCT	lct	locust
LB	lb	lifeboat	LCV	lcv	load control valve
LB	lb	pound	LD	LD	line drawing
LBF	lbf	pound force	LD	ld	leading
LBFT	LBFT	pound-force foot	LD	ld	light-duty
LBIN	LBIN	pound-force inch	LDB	LDB	light distribution box
LBK	lbk	left bank	LDC	LDC	linear detonating card
LBL	LBL	left buttock line	LDC	LDC	line-drop compensator
LBL	lbl	label	LDET	LDET	level detector
LBP	LBP	length between perpendiculars	LDG	ldg	landing
LBR	lbr	lumber	LDGGR	ldggr	landing gear
LBRT	lbtr	liberty	LDISCR	LDISCR	level discriminator
LBRY	lbry	library	LDK	LDK	lower deck
LBYR	lbyr	labyrinth	LDMK	ldmk	landmark
LBYRPK	LBYRPK	labyrinth pack	LDR	LDR	loader
LC	LC	inductance-capacitance	LDR	ldr	leader
LC	LC	laundry chute	LDR	ldr	loading
LC	LC	lead-covered	LE	LE	leading edge
LC	LC	length of chord	LE	LE	lifting eye
LC	LC	light case	LE	LE	low explosive
LC	LC	line-carrying	LE	le	low emissions
LC	LC	load carrier	LED	LED	light-emitting diode
LC	LC	load center	LEJ	LEJ	longitudinal expansion joint
LC	LC	load-compensating [relay]	LEM	LEM	lunar excursion module
LC	LC	low carbon	LER	LER	leading edge radius
LC	LC	lox clean	LEVMETr	levmetr	levelometer
LC	lc	lowercase	LF	LF	lawn faucet
LC	lc	long undercarriage	LF	LF	life float
			LF	LF	linoleum floor
			LF	LF	load factor [tabular]

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
LF	LF	low frequency	LKUCL	lkuc1	lock-up clutch
LFLN	LFLN	Lifeline	LKUP	lkup	lockup
LFO	LFO	low-frequency oscillator	LKWASH	LKWASH	lock washer
LFOM	LFOM	low-frequency outer marker	LKWR	lkwr	lockwire
LFRD	LFRD	lot fraction reliability definition	LL	LL	light lock
LFT	lft	lifting	LL	LL	live load
LG	lg	length	LL	LL	load list
LGC	lgc	logic	LL	LL	loft line
LGD	LGD	length-to-diameter ratio	LL	LL	low level
LGE	lge	large	LLL	LLL	low-level logic
LGG	LGG	light-gun pulse generator	LLRES	LLRES	load-limiting resistor
LGNMVTE	LGNMVTE	lignum vitae	LLYP	LLYP	longleaf yellow pine
LGSK	lgsk	log skidder	LM	LM	left male
LGTH	LGTH	lightning hole	LM	LM	list of material
LH	LH	left hand	LMB	LMB	least material boundary
LH	LH	litter hook	LMC	LMC	least material condition
LHDR	LHDR	left-hand drive	LMPBLK	lmpblk	lampblack
LHS	LHS	left-hand side	LMTG	lmtg	limiting
LIC	LIC	linear integrated circuit	LMTR	lmtr	limiter
LIC	lic	license	LN	LN	natural logarithm
LID	LID	locked in device	LN	ln	logarithm [natural]
LIFO	LIFO	last-in-first-out	LNBD	lnbd	lens board
LIM	lim	limber	LNG	lng	lengthening
LIM	lim	limit	LNG	lng	lining
LIMSW	LIMSW	limit switch	LNG	lng	liquefied natural gas
LIN	lin	lineal	LNSP	lnsp	lens speed
LIN	lin	linear	LNTL	lntl	lintel
LINOL	linol	linoleum	LNVD	lnyd	lanyard
LIQ	liq	liquid	LO	LO	local oscillator
LIQFL	LIQFL	liquid fuel	LO	LO	lock-on
LIRLY	LIRLY	load-indicating relay	LO	LO	lubrication order
LIT	lit	literature	LOA	LOA	length overall
LIT	lit	litter	LOACCUMPR	loaccumpr	low accumulator pressure
LITHO	litho	lithograph	LOAMP	LOAMP	logarithmic amplifier
LITPK	litpk	literature pack	LOBAR	LOBAR	long baseline radar
LIZ	liz	lizard	LOC	loc	localizer
LJ	LJ	life jacket	LOCCIT	loccit	in the place cited
LKD	lkd	locked	LOCO	loco	locomotive
LKDC	LKDC	locked closed	LOFAR	LOFAR	low-frequency acquisition and ranging
LKDO	LKDO	locked open	LOFF	loff	leakoff
LKG	lkg	leakage	LOG	log	logarithm
LKG	lkg	locking	LOL	LOL	length of lead [actual]
LKG	lkg	looking	LOL	lol	low overlap
LKGE	lkge	linkage	LOM	LOM	light-optic microscope
LKNT	lknt	locknut	LONG	long	longitude
LKO	lko	lockout	LONG	long	longitudinal
LKR	lkr	locker	LONGN	LONGN	longeron
LKROT	LKROT	locked rotor	LOP	LOP	lubricating oil pump
LKSCR	lkscr	lock screw	LOPAR	LOPAR	low-power acquisition radar
LKT	lkt	lookout			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
LOR	LOR	lunar orbit-rendezvous	LSA	LSA	limited-space-charge accumulation [microwaves diodes]
LORAN	LORAN	long-range navigation	LSB	LSB	lower sideband
LOS	LOS	line-of-sight	LSD	LSD	long side
LOS	LOS	loss of signal	LSDT	LSDT	local sidereal time
LOSS	LOSS	landing observer signal system	LSHG	lshg	lashing
LOX	LOX	liquid oxygen	LSHI	LSHI	large-scale hybrid integration
LP	LP	low pass	LSI	LSI	large-scale integration
LP	LP	low point	LSMITH	lsmith	locksmith
LP	LP	low pressure	LSP	LSP	low speed
LP	lp	liquefied petroleum	LSR	LSR	load shifting resistor
LPC	LPC	loop-control [relay]	LSST	LSST	list of specifications and standards
LPFL	LPFL	low-pass filter	LST	LST	local standard time
LPFM	LPFM	low-powered fan marker	LSTM	LSTM	low steam
LPG	lpg	lapping	LSVG	lsvg	lifesaving
LPG	lpg	liquefied petroleum gas	LSWLT	lswlt	landing signal wand light
LPG	LPG	liquid petroleum gas	LT	LT	laundry tray
LPHLDR	lphldr	lamp holder	LT	lt	light
LPL	LPL	lightproof louver	LT	LT	low tension
LPLR	LPLR	lock pillar	LT	lt	large tug
LPO	LPO	low power output	LT	LT	light trap
LPR	lpr	looper	LTA	LTA	lighter-than-air
LPS	LPS	lightproof shade	LTC	ltc	lattice
LPS	lps	liquefied petroleum safety	LTD	ltd	limited
LPSVR	LPSVR	life preserver	LTEMPT	LTEMPT	low temperature
LPTR	LPTR	line printer	LTG	ltg	lightening
LPV	LPV	lightproof vent	LTG	ltg	lighting
LPW	LPW	lumen per watt	LTGH	LTGH	lightening hole
LQGLS	LQGLS	liquid in glass	LTHR	lthr	leather
LQMETR	lqmetr	liquidometer	LTID	LTID	light-intensity detector
LQR	lqr	liquor	LTPD	LTPD	lot tolerance percent defective
LR	LR	ladder rung	LTPR	LTPR	long taper
LR	LR	liquid rocket	LTQ	LTQ	low torque
LR	LR	load ratio	LTR	ltr	letter
LR	LR	load-resistor [relay]	LTR	ltr	lettering
LR	LR	locus of radius	LTRN	ltrn	lantern
LRA	LRA	line receiving amplifier	LTRPRS	ltrprs	letterpress
LRA	LRA	locked-rotor amperes	LTSW	LTSW	light switch
LRC	LRC	load-ratio control	LTTK	LTTK	light tank
LRE	LRE	liquid-rocket engine	LU	LU	logic unit
LRI	LRI	left-right indicator	LUB	lub	lubricate
LRI	LRI	long-range radar input	LUBO	lubo	lubricating oil
LRIRR	LRIRR	low-resolution infrared radiometer	LUBT	lubt	lubricant
LRU	LRU	line replaceable unit	LUD	LUD	lift-up door
LS	LS	launcher site	LUF	LUF	lowest usable frequency
LS	LS	left side	LUHF	LUHF	lowest usable high frequency
LS	ls	limestone	LUM	lum	luminous
LS	ls	logging special	LUN	lun	lunette
LS	ls	loudspeaker	LUS	LUS	load, update, subset

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
LV	LV	low voltage	MANOVL	MANOVL	manual overload
LVD	LVD	louvered door	MANUV	manuv	maneuvering
LVL	lvl	level	MAOS	MAOS	metal-aluminum-oxide-silicon
LVO	LVO	louver opening	MAPG	MAPG	maximum available power gain
LVP	LVP	low-voltage protection	MAPU	MAPU	memory allocation and protection unit
LVR	lvr	lever	MAR	Mar	March
LVR	lvr	louver	MAR	Mar	marine
LVRE	LVRE	low-voltage release effect	MARG	marg	margin
LVRLSE	LVRLSE	low-voltage release	MARS	MARS	Military Affiliate Radio System
LVS	lvs	leaves	MARS	MARS	multiaperture reluctance switch
LWB	LWB	long wheelbase	MAS	mas	metal anchor slots
LWC	LWC	lightweight concrete	MASER	MASER	microwave amplification by stimulated emission of radiation
LWIC	LWIC	lightweight insulating concrete	MASK	mask	masking
LWL	LWL	load waterline	MASU	MASU	machined surface
LWL	LWL	low-water line	MAT	mat	matrix
LWR	lwr	lower	MATH	math	mathematical
LWST	lwst	lowest	MATH	math	mathematics
LYR	lyr	layer	MATL	matl	material
LYT	lyt	layout	MATW	MATW	metal awning-type window
M			MAX	max	maximum
M	m	magnaflux	MAXCAP	maxcap	maximum capacity
M	m	Manila [rope]	MAXFLT	MAXFLT	maximum flight
M	m	metacenter	MB	MB	main battery [guns]
M	m	meter (instr, comb form)	MB	MB	model block
M	m	model [military nomenclature]	MB	mb	mailbox
MA	MA	mercury arc	MB	mb	motorboat
MA	MA	metal anchor	MBD	MBD	model-based definition
MA	ma	master	MBD	MBD	motor belt drive
MAC	MAC	mean aerodynamic chord	MBE	MBE	model-based enterprise
MACH	MACH	Mach number	MBL	mbi	mobile
MACH	mach	machine	MBR	MBR	mechanical buffer register
MAG	mag	magazine	MBR	mbr	member
MAG	mag	magnesium	MBS	MBS	main bang suppressor
MAG	mag	magnet	MBSD	MBSD	model-based standards development
MAG	mag	magnetic	MBSE	MBSE	model-based systems engineering
MAGAMP	MAGAMP	magnetic amplifier	MBT	MBT	main ballast tank
MAGMOD	MAGMOD	magnetic modulator	MBT	MBT	main battle tank
MAGN	magn	magnetron	MC	MC	main coolant
MAGTD	magtd	magnitude	MC	MC	manhole cover
MAGTHOR	magthor	magnesium-thorium	MC	MC	medicine cabinet
MAH	mah	mahogany	MC	MC	military characteristics
MAINT	maint	maintenance	MC	MC	momentary contact
MAJ	maj	major	MC	MC	motor chain
MAL	mal	malleable	MC	MC	multiple contact
MALE	MALE	multiaperture logic element	MC	mc	multi-chip
MALF	malf	malfuction			
MAM	mam	milliammeter			
MANF	manf	manifold			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
MCAM	mcam	microammeter	MED	med	medical
MCB	MCB	metal corner bead	MEG	meg	megabyte
MCC	MCC	maintenance of close contact	MEL	mel	melamine
MCD	MCD	metal-covered door	MELEC	melec	microelectronics
MCE	MCE	military characteristics equipment	MELEM	melem	microelement
MCH	MCH	mail chute	MEM	mem	memory
MCHCL	MCHCL	mechanically cooled	MEMB	memb	membrane
MCHRF	MCHRF	mechanically refrigerated	MEMO	memo	memorandum
MCHRY	mchry	machinery	MEMPT	MEMPT	memory point
MCHST	mchst	machinist	MEP	MEP	mean effective pressure
MCKT	mckt	microcircuit	MER	mer	meridian
MCKT	mckt	microcurrent	MERCH	merch	merchantable
MCM	MCM	magnetic core memory	MESS	mess	messenger
MCM	mcm	military characteristics motor vehicles	MET	met	metal
MCM-L	MCM-L	multi-chip modules, laminated	MET	met	metallurgical
MCMPTR	mcmptr	microcomputer	METB	METB	metal base
MCO	MCO	manual change order	METC	METC	metal curb
MCP	MCP	metal casting pattern	METD	METD	metal door
MCR	MCR	manual change request	METF	METF	metal flashing
MCR	MCR	master change record	METG	METG	metal grille
MCRL	MCRL	master cross-reference list	METJ	METJ	metal jalousie
MCSW	MCSW	motor circuit switch	METM	METM	metal mold
MCSWGR	mcswgr	metal-clad switchgear	METP	METP	metal partition
MCT	MCT	main control tank	METP	METP	metal portion
MCW	MCW	metal casement window	METR	METR	metal roof
MCW	MCW	modulated continuous wave	METRL	metrl	meteorological
MD	MD	motor direct	METS	METS	metal strip
MDC	MDC	motor direct-connected	METS	METS	mobile engine test stand
MDF	MDF	main distributing frame	MEW	MEW	microwave early warning
MDGT	mdgt	midget	MEZZ	mezz	mezzanine
MDIF	MDIF	manual data input function	MF	MF	main feed
MDL	mdl	middle	MF	MF	male and female
MDL	mdl	module	MF	MF	mastic floor
MDM	MDM	maximum design meter	MF	MF	medium frequency
MDM	MDM	metal-dielectric-metal [filter]	MF	MF	motor field
MDM	mdm	medium	MF	mf	microfilm
MDN	mdn	median	MFC	mfc	microfunctional circuit
MDR	MDR	master data record	MFD	mfd	manufactured
MDRL	mdrl	mandrel	MFG	mfg	manufacturing
MDS	MDS	minimum discernible signal	MFGINFO	MFGINFO	manufacturing information
MDSE	mdse	merchandise	MFH	mfh	maximum fork height
ME	ME	miter end	MFHBF	MFHBF	mean flight hours between failure
MEAR	MEAR	maintenance engineering analysis record	MFLRD	MFLRD	male flared
MEAS	meas	measure	MFP	MFP	multifrequency pulsing
MECH	mech	mechanical	MFR	mfr	manufacture
MECH	mech	mechanism	MFS	MFS	marine-finish slate
MECZ	mecz	mechanize	MFS	dfs	magazine flooding and sprinkling
MED	MED	microelectronic device	MFSFU	MFSFU	matt-finish structural facing units

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
MG	MG	machine gun	MIT	mit	miter
MG	MG	motor generator	MJ	MJ	mastic joint
MG	mg	magnetic armature	MKD	mkd	marked
MG	mg	multigage	MKGS	mkgs	markings
MGC	MGC	manual gain control	MKR	mkr	marker
MGE	MGE	maintenance ground equipment	MKS	MKS	meter-kilogram-second
MGF	mgf	magnify	MKUP	mkup	makeup
MGL	mgf	marginal [relay]	ML	ML	material list
MGL	mgf	mogul	ML	ML	mold line
MGMC	MGMC	multiple gun motor carriage	ML	ml	monolithic
MGN	mgn	magneto	MLD	MLD	master layout duplicate
MGR	mgr	manager	MLD	MLD	middle landing
MGS	MGS	metal gravel stop	MLD	mld	molded
MGT	mgt	management	MLDG	mldg	molding
MGTMTTR	mgtmtr	magnetometer	MLG	MLG	main landing gear
MH	mh	manhole	MLL	MLL	master lines layout
MH	mh	material handling	MLLW	MLLW	mean lower low water
MHB	MHB	mine hauling bogie	MLO	MLO	master layout original
MHD	mhd	magnetohydrodynamic	MLP	MLP	metal lath and plaster
MHD	mhd	masthead	MLS	MLS	metal slitting
MHDLT	mhdlt	masthead light	MLT	MLT	mean low tide
MHF	MHF	medium high frequency	MLTPL	mltpl	multiplane
MHHW	MHHW	mean higher high water	MLTSP	mltsp	multispeed
MHL	MHL	mast hull loop	MLW	MLW	mean low water
MHPD	MHPD	masonite hydropress die	mm	mm	millimeter
MHT	MHT	mean high tide	MMB	MMB	Maximum material boundary
MHW	MHW	mean high water	MMC	MMC	maximum material condition
MI	MI	malleable iron	MMC	MMC	mortar motor carrier
MI	MI	manufacturing instruction	MMD	MMD	master makeup and display
MI	mi	mile	MMF	MMF	magnetomotive force
MIA	MIA	metal-interface amplifier	MMIN	mmin	microminiature
MIC	mic	micrometer	MMOD	mmod	micromodule
MIC	mic	microphone	MMS	MMS	magnetic mine sweeping
MIC	MIC	monolithic integrated circuit	MMT	MMT	metal mount
MICELEM	MICELEM	microphone element	MNCMPTR	mncmptr	minicomputer
MICR	MICR	magnetic ink character recognition	MNFRM	MNFRM	main frame
MICR	MICR	magnetic-ink character recognition	MNG	mng	managing
MICR	micr	microscope	MNL	mnl	manual
MIL	mil	military	MNLOPR	MNLOPR	manually operated
MILSPEC	milspec	military specification	MNOS	MNOS	metal-nitride-oxide silicon
MIL-STD	MIL-STD	military standard [book]	MNRL	mnrl	mineral
MIN	min	minimum	MNSTBMV	MNSTBMV	monostable multivibrator
MIN	min	minor	MO	MO	mason operated
MINTR	mintr	miniature	MO	MO	master oscillator
MIP	MIP	missile impact predictor	MO	MO	motor operated
MIPRCS	miprcs	microprocessor	MO	mo	month
MIR	mir	mirror	MOA	MOA	matrix output amplifier
MISC	misc	miscellaneous	MOBLT	MOBLT	man overboard and breakdown light
			MOCAN	MOCAN	motor can

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
MOD	mod	model	MRBM	MRBM	medium-range ballistic missile
MOD	mod	modification	MRCL	mrcl	mercurial
MOD	mod	modify	MRD	MRD	metal rolling door
MOD	mod	modulator	MRF	MRF	marble floor
MOD	mod	modulus	MRG	mrg	mooring
MODEM	MODEM	modulator-demodulator	MRT	MRT	marble threshold
MOL	mol	mole	MRT	MRT	mildew-resistant thread
MOL	mol	molecule	MS	MS	maintenance and supply
MOLELEX	MOLELEX	molecular electronics	MS	MS	mark sensing
MOLWT	MOLWT	molecular weight	MS	MS	military standard [sheet]
MOM	mom	momentary	MS	ms	magnetostriction
MON	mon	monitor	MS	ms	manuscript
MON	mon	monument	MSB	MSB	most significant bit
MONO	mono	monophonic	MSCR	MSCR	machine screw
MONOG	monog	monograph	MSE	MSE	maintenance support equipment
MOPA	MOPA	master oscillator power amplifier	MSG	MSG	miscellaneous simulation generation
MOPR	MOPR	mop rack	MSG	msg	message
MORT	MORT	Morse taper	MSGG	MSGG	message generator
MOS	MOS	metal-oxide semiconductor	MSHG	mshg	meshing
MOS	mos	mosaic	MSL	MSL	mean sea level
MOSFET	MOSFET	metal-oxide-semiconductor field effects transistor	MSL	msl	missile
MOST	MOST	metal-oxide-semiconductor transistor	MSLBT	mslbt	missile boat tail
MOT	mot	motor	MSLT	mslt	minesweeping light
MP	MP	medium pressure	MSLY	msly	mostly
MP	MP	melting point	MSMP	MSMP	master sensitized material print
MP	mp	multipole	MSNRY	msnry	masonry
MP	mp	multipurpose	MSO	MSO	machine shipping order
MPC	MPC	motion picture control panel	MSP	MSP	metal splash pan
MPE	MPE	maximum permissible exposure	MSR	MSR	mineral-surface roof
MPG	MPG	mile per gallon	MST	MST	machine steel
MPH	MPH	mile per hour	MSTC	mstc	mastic
MPI	MPI	magnetic particle inspection	MSTRE	mstre	moisture
MPIR	MPIR	missile precision instrumentation radar	MSW	MSW	master switch
MPK	MPK	maintenance parts kit	MSYNC	MSYNC	master synchronizer
MPL	MPL	maintenance parts list	MT	MT	magnetic tape
MPN	MPN	most probable number	MT	MT	mail tray
MPP	MPP	motion picture projector	MT	MT	maximum torque
MPPH	MPPH	motion picture phonographic unit	MT	MT	mean tide
MPR	MPR	monopulse radar	MT	MT	mean time
MPT	MPT	male pipe thread	MT	MT	metal threshold
MPTO	mpto	multipurpose tractor oil	MT	MT	motor transport
MR	MR	machine rifle	MT	mt	mount
MR	MR	maintenance and repair	MTB	MTB	maintenance of true bearing
MR	mr	marble	MTBF	MTBF	mean time between failures
MRB	MRB	marble base	MTC	MTC	memory test computer
			MTC	MTC	mission and traffic control
			MTCHD	mtchd	matched
			MTD	mtd	mounted

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
MTF	MTF	mechanical time fuze	MVT	mvt	movement
MTG	mtg	mounting	MWB	MWB	motor whaleboat
MTGC	MTGC	mounting center	MWG	MWG	music wire gage
MTHBD	mthbd	motherboard	MWO	MWO	modification work order
MTHD	mthd	method	MWP	MWP	maximum working pressure
MTHRD	MTHRD	male threaded	MWP	MWP	membrane waterproofing
MTI	MTI	moving-target indicator	MWR	MWR	mean width ratio
MTLC	mtlc	metallic	MWV	MWV	maximum working voltage
MTLZ	mtlz	metallize	MXDCR	MXDCR	mode transducer
MTN	mtn	motion	MXFL	MXFL	mixed flow
MTOS	MTOS	metal-thick-oxide silicon	MXG	mxg	mixing
MTR	mtr	meter [instrument]	MXT	mxt	mixture
MTR	mtr	metering	MZL	mzl	muzzle
MTRCL	mtrcl	motorcycle			
MTRDN	MTRDN	motor-driven	N		
MTRS	mtrs	mattress	N	N	electron (n)-type semiconductor material
MTS	MTS	material test specification	N	N	National form [thread]
MTSQ	MTSQ	mechanical time, superquick	N	N	north
MTTF	MTTF	mean time to failure	NA	NA	not applicable
MTTFF	MTTFF	mean time to first failure	NA	NA	not available
MTTR	MTTR	mean time to repair	N	N	novelty [insul]
MTWF	MTWF	metal thru-wall flashing	NA	na	next assembly
MTZ	mtz	motorized	NAC	nac	nacelle
MU	MU	multiple unit	NAIOP	NAIOP	navigational aid inoperative for parts
MUF	MUF	maximum usable frequency	NAR	nar	narrow
MUF	muf	muffler	NAT	nat	natural
MUFD	MUFD	makeup feed	NATL	natl	national
MUI	mui	mechanical unit injector	NAUT	naut	nautical
MULR	mulr	muller	NAV	nav	naval
MULT	mult	multiple	NAV	nav	navigate
MULT	mult	multiplication	NAVAID	NAVAID	navigational aid
MULTD	MULTD	multidirectional	NAVBRZ	NAVBRZ	naval bronze
MULTH	multh	multilith	NAVCMD	NAVCMD	navigation countermeasures and deception
MULTR	multr	multimeter	NB	NB	narrow band
MULTR	multr	multiplier	NB	NB	no bias [relay]
MUN	mun	munitions	NBS	NBS	natural black slate
MUSB	MUSB	mobile unit support base	NC	NC	National coarse [thread]
MUT	MUT	mean up time	NC	NC	no change
MUT	MUT	mock-up template	NC	NC	no coil
MUT	mut	mutilated	NC	NC	no connection
MUW	muw	music wire	NC	NC	normally closed
MUX	mux	multiplex	NC	NC	numerical control
MV	MV	mean variation	NCA	NCA	nickel copper alloy
MV	MV	muzzle velocity	NCAGE	NCAGE	NATO Commercial and Government Entity
MV	mv	multivibrator	NCH	NCH	notched
MVB	MVB	motor V-belt	NCM	NCM	noncorrosive metal
MVBL	mvbl	movable			
MVC	MVC	manual volume control			
MVG	mvg	moving			
MVP	MVP	methyl-violet paper			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
NCOMBL	ncombl	noncombustible	NISIL	nisil	nickel-silver
NCP	NCP	normal circular pitch	NITROS	nitros	nitrostarch
NCPLD	ncpld	non-coupled	NITSTL	NITSTL	nitride steel
NCU	NCU	nozzle control unit	NKL	nk1	nickel
ND	ND	no drawing	NL	nl	nolead
NDE	NDE	nondestructive evaluation	NLCHG	NLCHG	normal charge
NDI	NDI	nondestructive inspection	NLD	nld	no load
NDL	ndl	needle	NLG	NLG	nose landing gear
NDP	NDP	normal diametral pitch	NLLT	NLLT	net-laying light
NDRO	NDRO	nondestructive readout	NLNR	nlmr	nonlinear
NDT	NDT	nondestructive testing	NLT	NLT	normal lube oil tank
NEC	NEC	National Electrical Code	NM	NM	noise meter
NEC	nec	necessary	NM	nm	nonmetallic
NECS	NECS	National Electrical Code standards	NM	NM	nuclear magnetron
NEF	NEF	National extra fine [thread]	NMAG	nmag	nonmagnetic
NEG	neg	negative	NMI	NMI	nautical mile
NEGPR	NEGPR	negative print	NO	NO	normally open
NEIL	NEIL	neon indicating light	NO	no	number
NELEC	nelec	nonelectric	NOCCC	NOCCC	no control circuit contacts
NENCL	nencl	nonenclosure	NOL	NOL	normal overload
NESC	NESC	National Electrical Safety Code	NOM	nom	nominal
NET	NET	noise equivalent temperature	NOMAD	NOMAD	naval oceanographic meteorological automatic device
NEUT	neut	neutral	NOMEN	nomen	nomenclature
NEUT	neut	neutralizing	NONSTD	nonstd	nonstandard
NEWS	NEWS	naval electronic warfare simulator	NONSYN	nonsyn	nonsynchronous
NF	NF	National fine [thread]	NOR	NOR	notice of revision
NF	NF	national formulary	NORM	norm	normal
NF	NF	near face	NORM	norm	normalize
NF	NF	noise factor	NOSC	nosc	non-oscillating
NF	NF	noise figure	NOV	Nov	November
NF	NF	noise frequency	NOZ	noz	nozzle
NF	NF	noise fuse	NP	NP	National pipe thread
NFL	NFL	navy standard flange	NP	NP	nickel-plated
NFLMB	nlmb	nonflammable	NP	np	nonprocurable
NFND	nfnd	not for new design	NP	np	nonpropelled
NFSD	nfsd	non-fused	NPA	NPA	normal pressure angle
NFT	NFT	normal fuel oil tank	NPET	npet	nonpetroleum
NFUW	nfuw	not for use with	NPI	npi	new product introduction
NG	NG	narrow gage	NPL	npl	nameplate
NG	NG	no good	NPN	NPN	negative-positive-negative [transistor]
NGEN	NGEN	noise generator	NPNN	NPNN	negative-positive-negative-negative
NGO	NGO	National gas outlet [thread]	NPNP	NPNP	negative-positive-negative-positive
NGS	ngs	nongovernment standards	NPRN	nprn	neoprene
NH	nh	nonhygroscopic	NPS	NPS	Navy primary standards
NHA	NHA	next higher assembly	NPSC	NPSC	straight thread [pipe couplings]
NIC	NIC	not in contract	NPSF	NPSF	thread for press-tight joints
NICOP	NICOP	nickel copper			
NIP	nip	nipple			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
NPSL	NPSL	locknut pipe thread	OAE	oae	over all extended
NPSM	npsm	joints	OAIDE	OAIDE	operational assistance and instructive data equipment
NPT	NPT	National taper pipe [thread]	OALG	oalg	overall length
NPT	NPT	taper pipe thread	OALWR	oalwr	overall lowered
NPTF	NPTF	tight joints	OA0	OA0	orbiting astronomical observatory
NPTR	NPTR	taper pipe thread [railing fixtures]	OB	ob	obscure
NR	NR	nuclear reactor	OBA	oba	oxygen breathing apparatus
NR	nr	nonreactive [relay]	OBE	OBE	outerback end
NRCP	NRCP	nonreinforced concrete pipe	OBJ	obj	object
NRD	NRD	nonreplenishable demand	OBJV	objv	objective
NRETN	nretn	nonreturn	OBL	obl	oblique
NRL	NRL	night ration locker	OBNR	obnr	oil burner
NRVSB	nrvsbl	nonreversible	OBS	obs	observe
NRZ	NRZ	non-return-to-zero	OBS	obs	obsolete
NS	NS	National special [thread]	OBSTN	obsta	obstruction
NS	NS	near side	OBSV	obsv	observation
NS	NS	nickel steel	OBV	obv	obverse
NSLF	nslf	nonself	OBW	OBW	observation window
NSN	NSN	national stock number	OC	OC	on center
NSS	NSS	Navy secondary standards	OC	OC	outside circumference
NST	NST	nonslip tread	OC	oc	overcurrent
NSTR	nstrl	nonstructural	OCB	OCB	oil circuit breaker
NT	NT	navy type	OCB	OCB	override control bits
NT	nt	nontight	OCC	occ	occupy
NTC	NTC	negative temperature coefficient	OCHR	OCHR	oil catcher
NTM	NTM	night message	OCI	OCI	observable critical item
NTN	ntn	neutron	OCLD	OCLD	oil-cooled
NTP	NTP	normal temperature and pressure	OCLNR	oclnr	oil cleaner
NTPL	ntpl	nut plate	OCLR	OCLR	oil cooler
NTS	NTS	negative torque signal	OCO	OCO	open-close-open
NTS	NTS	not to scale	OCONT	OCONT	oil control
NTWK	ntwk	network	OCP	OCP	observable critical processes
NTWT	ntwt	net weight	OCR	OCR	oil circuit recloser
NU	nu	never used	OCR	OCR	optical character recognition
NUC	nuc	nuclear	OCR	OCR	overcurrent relay
NUM	num	numeral	OCT	Oct	October
NUM	num	numerical	OCT	oct	octagon
NVG	NVG	night vision goggles	OCT	oct	octane
NVIS	NVIS	night vision imaging system	OCT	oct	octuple
NVR	NVR	no voltage release	OCTAHDR	octahdr	octahedral
NWG	NWG	National Wire Gage	OD	OD	olive drab
NWT	nwt	nonwatertight	OD	OD	outside diameter
NYL	nyl	nylon	ODA	ODA	other design activity
O			ODC	ODC	ozone-depleting chemical
O	o	orange	ODIFF	ODIFF	oil differential
OA	oa	overall	ODM	ODM	orbital determination module
			ODN	ODN	own Doppler nullifier
			ODOM	odom	odometer

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
ODP	ODP	open drip proof	OPP	opp	opposite
ODPP	ODPP	open drip proof protected	OPPCE	oppce	opposite commutator end
ODPSK	ODPSK	oil dipstick	OPPPE	opppe	opposite pulley end
ODS	ODS	ozone-depleting substance	OPPR	OPPR	offset printing press
ODT	ODT	outside diameter tube	OPR	opr	opener
ODU	ODU	output display unit	OPR	opr	operate
OE	OE	open end	OPRS	OPRS	oil pressure
OEM	OEM	original equipment manufacturer	OPRT	oprt	operator table
OF	OF	outside face	OPSD	opsd	openside
OFC	ofc	office	OPT	opt	optical
OFCL	ofcl	official	OPT	opt	optimum
OFCR	ofcr	officer	OPTAX	optax	optical axis
OFFEN	offen	offensive [ammunition]	OPTL	optl	optional
OFL	ofl	oil filter	OR	OR	oil ring
OFR	OFR	overfrequency relay	OR	OR	output register
OFS	ofs	offset	OR	OR	outside radius
OGL	OGL	obscure glass	OR	or	overhaul and repair
OGO	OGO	orbiting geophysical observatory	ORD	ord	order
OGR	OGR	outgoing repeater	ORD	ord	ordinary
OGT	OGT	outgoing trunk	ORD	ord	ordnance
OH	OH	open hearth	ORF	orf	orifice
OHA	OHA	outside helix angle	ORFC	orfc	orificed reverse flow check
OHM	ohm	ohmmeter	ORFS	orfs	O-ring face seal
OI	OI	oil-immersed	ORG	org	organic
OI	OI	oil-insulated	ORG	org	organization
OIFC	OIFC	oil-insulated fan-cooled	ORIENT	orient	orientation
OIL	OIL	orange indicating light	ORIG	orig	origin
OISC	OISC	oil-insulated self-cooled	ORIG	orig	original
OIWC	OIWC	oil-immersed water-cooled	ORLY	ORLY	overload relay
OJ	OJ	open joisted	ORN	orn	orange
OLVL	OLVL	oil level	ORN	orn	ornament
OM	OM	outside of metal	ORP	orp	O-ring port
OML	OML	outside mold line	ORS	ors	oil renewal system
ONoz	ONoz	oil nozzle	OS	OS	oil switch
OO	oo	out-to-out	OS	OS	one-shot
OP	OP	oil pump	OS	OS	operating system
OP	OP	out of print	OS	OS	otherwise specified
OP	op	oilproof	OSC	osc	oscillate
OP	op	Ozalid print	OSC	osc	oscillator
OPA	opa	opaque	OSCG	oscg	oscillating
OPDAR	OPDAR	optical detection and ranging	OSCG	OSCG	oscillograph, string
OPIL	OPIL	opalescent indicating light	OSCGRM	oscgrm	oscillogram
OPLG	OPLG	oil plug	OSCRN	OSCRN	oil screen
OPN	OPN	oil pan	OSE	OSE	operational support equipment
OPN	opn	operation	OSL	OSL	outstanding leg
OPNG	opng	opening	OSL	osl	oil seal
OPNL	opnl	operational	OSMV	osmv	one-shot multivibrator
OPP	OPP	octal print punch	OSP	OSP	oil suction pump
			OSP	OSP	operating steam pressure
			OSR	OSR	output shift register

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
OSTG	ostg	one-stage	P	p	period
OSY (OS&Y)	osy (os&y)	outside screw & yoke	P	p	pilaster
OT	ot	oiltight	P	p	pitch
OT	ot	overtone	P	p	plate [electron tube]
OTCCC	OTCCC	open-type control circuit contacts	P	p	probe
OTG	otg	output transfer gear	PA	PA	parabolic fillet
OTK	OTK	oil tank	PA	PA	power amplifier
OTP	OTP	of true position	PA	PA	pressure angle
OTT	OTT	outside trim template	PA	PA	public address
OUT	out	outgoing	PA	PA	pulse amplifier
OUT	out	outlet	PA	pa	prearm
OUT	out	output	PA	pa	price and availability
OUT	out	outside	PAADAR	PAADAR	passive airborne detection and ranging
OUTBD	OUTBD	outboard	PABX	PABX	private automatic branch exchange
OUTXLTR	OUTXLTR	output translator	PACM	PACM	passive countermeasures
OV	OV	open ventilated	PACR	PACR	perimeter acquisition radar
OVBD	ovbd	overboard	PAD	PAD	padder [capacitor]
OVE	OVE	on-vehicle equipment	PADAR	padar	passive detection and ranging
OVFL	ovfl	overflow	PADLOC	PADLOC	passive detection and location of countermeasures
OVH	OVH	oval head	PAL	PAL	programmable array logic
OVHD	ovhd	overhead	PAM	PAM	pulse-amplitude modulation
OVHG	ovhg	overhanging	PAN	pan	panoramic
OVHL	ovhl	overhaul	PAN	pan	pantry
OVL	ovld	overload	PANB	PANB	panic bolt
OVP	OVP	oval point	PANT	pant	pantograph
OVPRS	ovprs	overpressurized	PAP	PAP	pierced aluminum plank
OVPWR	ovpwr	overpower	PAR	PAR	precision approach radar
OVRD	ovrd	override	PARA	para	paragraph
OVRM	ovrm	overarm	PARAMP	PARAMP	parametric amplifier
OVS	ovs	oversize	PAREN	paren	parenthesis
OVSP	ovsp	overspeed	PARK	park	parkerized
OVTR	ovtr	overtravel	PARSYN	PARSYN	parametric synthesis
OVV	ovv	overvoltage	PART	part	partial
OW	ow	one-way	PARV	parv	paravane
OW	ow	one-wire	PARVSTCR	PARVSTCR	paravane and stores crane
OW	OW	outer wing	PASS	pass	passage
OWF	OWF	optimum working frequency	PASS	pass	passenger
OWGL	OWGL	obscure wire glass	PAT	pat	patent
OWL	OWL	Ontology Web Language	PATHOL	PATHOL	pathological
OWU	OWU	open-window unit	PATPEND	PATPEND	patent pending
OXD	oxd	oxide	PATT	patt	pattern
OXD	oxd	oxidized	PAVMT	pavmt	pavement
OXY	oxy	oxygen	PAX	PAX	private automatic exchange
OZ	oz	ounce	PB	PB	pad and boom [refueling]
OZIN	ozin	ounce-inch	PB	PB	pull box
P			PB	PB	push button
P	P	hole (p)-type semiconductor material	PB	pb	painted base
			PBD	pbd	paperboard

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
PBD	pbd	pressboard	PDR	PDR	priority data reduction
PBFD	PBFD	pierce, blank, and form die	PDR	PDR	program drum recording
PBIT	PBIT	parity bit	PDR (PWD)	pdr (pwd)	powder
PBKDN	pbkdn	product breakdown	PDS	PDS	purchasing department specification
PBL	PBL	photo butt line	PDS	PDS	point detonating, self-destroying
PBSTA	pbsta	push-button station	PDVN	pdvn	power-driven
PBSW	PBSW	pull-button switch	PE	PE	pinion end
PBX	PBX	private branch exchange	PE	PE	probable error
PC	PC	parts catalog	PE	PE	pulley end
PC	PC	personnel carrier	PEC	PEC	photoelectric cell
PC	PC	pitch circle	PECARD	pecard	production estimate card
PC	PC	plug cock	PED	ped	pedestal
PC	PC	point of curve	PEJ	PEJ	premolded expansion joint
PC	PC	printed circuit	PELEC	pelec	photoelectric
PC	PC	pulsating current	PELR	pelr	peeler
PC	pc	piece	PEN	pen	penetrate
PC	pc	precombustion chamber	PEN	pen	penetration
PC	pc	product control	PEND	pend	pending
PCB	PCB	power circuit breaker	PENT	pent	pentode
PCB	PCB	printed circuit board	PEP	pep	planar epitaxial passivated [transistor]
PCC	PCC	point of compound curve	PEP	pep	producibility engineering and planning
PCF	PCF	pound per cubic foot	PER	per	person
PCH	pch	punch	PERC	perc	percussion
PCHG	pchg	punching	PERD	perd	periodic
PCHT	pcht	parchment	PERF	perf	perfect
PCI	PCI	peripheral command indicator	PERF	perf	perforate
PCI	PCI	physical configuration identification	PERF	perf	performed
PCL	pcl	pencil	PERIS	peris	periscope
PCLR	pclr	precooler	PERM	perm	permanent
PCM	PCM	photo contact master	PERM	perm	permission
PCM	PCM	pulse-code modulation	PERMB	permb	permeability
PCMK	pcmk	piece mark	PERP	perp	perpendicular
PCS	PCS	primary coolant system	PERS	pers	personnel
PCT	pct	percent	PERSP	persp	perspective
PCTM	PCTM	pulse-count modulation	PERT	PERT	performance evaluation and review technique
PCU	PCU	power control unit	PES	PES	photoelectric scanner
PCV	pcv	positive crankcase ventilation	PETN	PETN	pentaerythritol tetranitrate
PD	PD	pitch diameter	PETRO	petro	petroleum
PD	PD	pivoted door	PF	PF	point of frog
PD	PD	point detonating	PF	PF	power factor
PD	PD	potential difference	PF	PF	pulse frequency
PD	pd	punch die	PF	pf	profile
PDD	PDD	plumbing and deck drain	PF	pf	purchased finished
PDF	PDF	point-detonating fuze	PFB	PFB	preformed beam
PDIO	pdio	photodiode	PFD	pfd	preferred
PDISCH	PDISCH	pump discharge	PFM	PFM	power factor meter
PDISPL	PDISPL	positive displacement			
PDM	PDM	pulse-duration modulation			
PDR	PDR	power directional relay			

Table 9-1 Cross Reference List of Abbreviations and Their Words and Terms (Cont'd)

Drawings	Text	Term	Drawings	Text	Term
PFM	PFM	pulse-frequency modulation	PINSTD	pinstd	preinserted
PG	PG	pressure gage	PION	pion	pioneer
PG	PG	proving ground	PIV	PIV	post indicator valve
PGMT	pgmt	pigment	PIX	pix	picture
PGT	pgt	pigtail	PJCTL	pjctl	projectile
pH	pH	hydrogen-ion concentration	PJTN	pjtn	projection
PH	ph	phase	PJTR	pjtr	projector
PH	ph	phone	PKG	pkg	package
PHAR	phar	pharmacy	PKT	pkt	pocket
PHARMACOL	pharmacol	pharmacological	PKWY	pkwy	parkway
PHBRZ	phbrz	phosphor bronze	PL	PL	parting line [castings]
PHCVSD	PHCVSD	phase conversion and step-down	PL	PL	parts list
PHEN	phen	phenolic	PL	PL	pitch line
PHH	PHH	Phillips-head	PL	PL	power and lighting
PHM	phm	phantom	PL	PL	property line
PHM	phm	phase meter	PL	PL	proportional limit
PHOC	phoc	photocopy	PL	pl	padlock
PHOFL	phofl	photoflash	PL	pl	place
PHONO	phono	phonograph	PL	pl	places
PHOS	phos	phosphate	PL	pl	plain
PHOS	phos	phosphorescent	PL	pl	plant
PHOTO	photo	photograph	PL	pl	plate
PHOTOLITH	photolith	photolithographic	PL1	PL1	programming language 1
PHP	php	pound per horsepower	PLA	PLA	programmable logic array
PHR	PHR	pound-force per hour	PLAS	plas	plaster
PHR	phr	phrase	PLATF	platf	platform
PHR	phr	preheater	PLB	PLB	pull button
PHRHD	PHRHD	pump, hydraulic ram, hand driven	PLBLK	PLBLK	pillow block
PHT	pht	preheat	PLC	PLC	power-line carrier
PHYS	phys	physical	PLC	PLC	programmable logic controller
PHYSIOL	physiol	physiological	PLD	PLD	programmable logic device
PI	PI	point of intersection	PLD	pld	pay load
PI	PI	point-initiating	PLD	pld	plated
PI	PI	point-insulating	PLDISTR	pldistr	power and lighting distribution
PI	PI	production illustration	PLG	plg	piling
PI	PI	programmed instruction	PLGL	plgl	plate glass
PIBD	PIBD	point initiating, base detonating	PLGR	plgr	plunger
PIC	PIC	polyethylene-insulated conductor	PLK	plk	plank
PICE	PICE	programmable integrated control equipment	PLKR	plkr	peacoat locker
PIL	PIL	purple indicating light	PLL	pll	pallet
PIM	PIM	pulse-interval modulation	PLM	PLM	product lifecycle management
PIN	PIN	part or identification number	PLMB	plmb	plumbing
PIN	PIN	position indicator	PLN	pln	plane
PIN	PIN	positive-intrinsic-negative [transistor]	PLNG	plng	planning
PIN.	PIN.	product identification number	PLNR	plnr	planar
PIN	pin	pinion	PLNT	plnt	planet
			PLNTY	plnty	planetary
			PLOT	plot	plotting
			PLQ	plq	plaque
			PLR	plr	pillar