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# APPENDIX

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# F

## LIST OF ABBREVIATIONS

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The intent of this appendix is to expand on some of the abbreviations used throughout this text.

<b>ABC</b>	activity-based cost
<b>ABET</b>	accreditation board for engineering and technology
<b>ADT</b>	administrative delay time
<b>CAD</b>	computer-aided design
<b>CALS</b>	computer-aided acquisition and logistic support
<b>CAM</b>	computer-aided manufacturing
<b>CAS</b>	computer-aided support
<b>CBS</b>	cost breakdown structure
<b>CCB</b>	change control board or configuration control board
<b>CDR</b>	critical design review
<b>CER</b>	cost estimating relationship
<b>CI</b>	configuration item
<b>CIM</b>	computer-integrated manufacturing
<b>CLM</b>	council of logistics management
<b>CM</b>	configuration management
<b>CMM</b>	capability maturity model
<b>CMMI</b>	capability maturity model integration
<b>COTS</b>	commercial off-the-shelf
<b>CPFF</b>	cost plus fixed fee
<b>CPI</b>	continuous process improvement
<b>CPIF</b>	cost plus incentive fee

<b>CPM</b>	critical path method
<b>CSA</b>	configuration status accounting
<b>CSCI</b>	computer software configuration item
<b>CSU</b>	computer software unit
<b>CWBS</b>	contract work breakdown structure
<b>DFE</b>	design for the environment
<b>DOD</b>	department of defense
<b>DRB</b>	design review board
<b>EC</b>	electronic commerce
<b>ECP</b>	engineering change proposal
<b>EDI</b>	electronic data interchange
<b>EOQ</b>	economic order quantity
<b>ERP</b>	enterprise resource planning
<b>FFBD</b>	functional flow block diagram
<b>FFP</b>	firm fixed price
<b>FMECA</b>	failure mode, effects, and criticality analysis
<b>FOM</b>	figure of merit
<b>FRACAS</b>	failure reporting, analysis, and corrective action system
<b>FTA</b>	fault-tree analysis
<b>GPS</b>	global positioning system
<b>IDEF</b>	integrated definition model
<b>ILS</b>	integrated logistic support
<b>ILSP</b>	integrated logistic support plan
<b>IMM</b>	integrated maintenance management
<b>IMMP</b>	integrated maintenance management plan
<b>INCOSE</b>	international council on systems engineering
<b>IPPD</b>	integrated product and process development
<b>IPT</b>	integrated product team or integrated process team
<b>IT</b>	information technology
<b>JIT</b>	just in time
<b>LCC</b>	life-cycle cost
<b>LCCA</b>	life-cycle cost analysis
<b>LDT</b>	logistics delay time
<b>LORA</b>	level of repair analysis
<b>LMI</b>	logistics management information
<b>LSA</b>	logistic support analysis
<b>LSI</b>	large scale integration
<b>M</b>	active maintenance time
<b>MDT</b>	maintenance downtime

<b>MI</b>	maintainability improvement
<b>MIS</b>	management information system
<b>MLH/OH</b>	maintenance labor hours per operating hour
<b>MP</b>	maintenance prevention
<b>MTA</b>	maintenance task analysis
<b>MTBF</b>	mean time between failure
<b>MTBM</b>	mean time between maintenance
<b>MTBR</b>	mean time between replacement
<b>MTTF</b>	mean time to failure
<b>MTTR</b>	mean time to repair
<b>NASA</b>	national aeronautics and space administration
<b>NC</b>	numerical control
<b>OSHA</b>	occupational safety and health administration
<b>OSD</b>	operational sequence diagram
<b>OTA</b>	operational task analysis
<b>PBL</b>	performance-based logistics
<b>PC</b>	personal computer
<b>PDR</b>	preliminary design review
<b>PERT</b>	program evaluation review technique
<b>PMP</b>	program management plan
<b>QA</b>	quality assurance
<b>QC</b>	quality control
<b>QFD</b>	quality function deployment
<b>RCM</b>	reliability-centered maintenance
<b>R &amp; D</b>	research and development
<b>RFP</b>	request for proposal
<b>RPN</b>	risk priority number
<b>PRR</b>	production readiness review
<b>SA</b>	supportability analysis
<b>SA-CMM</b>	software acquisition capability maturity model
<b>SC</b>	supply chain
<b>SCAMPI</b>	standard CMMI assessment method for product improvement
<b>SCM</b>	supply chain management
<b>SDR</b>	system design review
<b>SECAM</b>	system engineering capability assessment model
<b>SECM</b>	system engineering capability model
<b>SE-CMM</b>	system engineering capability maturity model
<b>SEI</b>	software engineering institute
<b>SEMP</b>	system engineering management plan

<b>SEMS</b>	system engineering master schedule
<b>SFR</b>	system functional review
<b>SOW</b>	statement of work
<b>SRR</b>	system requirements review
<b>SVR</b>	system verification review
<b>SWBS</b>	summary workbreakdown structure
<b>SW-CMM</b>	software capability maturity model
<b>TAAF</b>	test, analyze, and fix
<b>TAM</b>	total asset management
<b>TEMP</b>	test and evaluation master plan
<b>TPM</b>	technical performance measure or total productive maintenance
<b>TQM</b>	total quality management
<b>TQMP</b>	total quality management plan
<b>TRR</b>	test readiness review
<b>VLSI</b>	very large scale integration
<b>WBS</b>	work breakdown structure