

APPENDIX A

REFERENCES

Required Publications

Government Publications

Department of Defense

MIL-M-24100 (inactive), *Manual, Technical; Functionally Oriented Maintenance Manuals for Systems and Equipment*. (Cited in paragraph 3-4e)

MIL-STD-756 (cancelled), *Reliability Prediction* (Cited in paragraph 3-4j)

MIL-STD-785B (cancelled), *Reliability Program for System and Equipment Development and Production*, 15 September 1980. (Cited in paragraph 1-5)

MIL-STD-1629A (cancelled), *Procedures for Performing a Failure Mode, Effects and Criticality Analysis*, 24 November 1980. (Cited in paragraph 1-5)

National Aeronautical Space Agency

NASA's Reliability Centered Maintenance Guide for Facilities and Collateral Equipment, February 2000. (Cited in paragraph 1-6d(3))

Non-Government Publications

Automotive Industry Action Group (AIAG), *Potential Failure Mode and Effects Analysis – FMEA*, second edition, February 1995. (Cited in paragraph 4-6h)

Failure Mode/Mechanism Distributions-97, FMD-97, Reliability Analysis Center & Rome Laboratory, Rome, NY, 13440. (Cited in paragraph 4-4e(2))

Ned H. Criscimagna, *Practical Application of Reliability Centered Maintenance*, Report No. RCM, Reliability Analysis Center, 201 Mill Street, Rome, NY, 2001. (Cited in paragraph 1-6d(1))

Non-electric Parts Reliability Data-95, NPRD-95, Reliability Analysis Center, 201 Mill Street, Rome, NY, 2001. (Cited in paragraph 4-4e(2))

David Mahar, James W. Wilbur, *Fault Tree Analysis Application Guide*, Report No. FTA, Reliability Analysis Center, 201 Mill St., Rome, NY: 1990. (Cited in paragraph 1-6d(2))

Reliability Toolkit: Commercial Practices Edition, Reliability Analysis Center & Rome Laboratory, Rome, NY, 13440, pg 161. (Cited in paragraph 4-5)

Rome Air Development Center, RADC-TR-77-287, *A Redundancy Notebook*, Rome Laboratory, 1977.
(Cited in paragraph 4-51)

Related Publications

Government Publications

Department of Defense

MIL-STD-2070, *Procedures for Performing a Failure Mode, Effects & Criticality Analysis for Aeronautical Equipment*, 12 June 1977

Non-Government Publications

Borgovini, Robert; Pemberton, Stephen; Rossi, Michael, *Failure Mode, Effects and Criticality Analysis (FMECA)*, Report No. CRTA-FMECA, Reliability Analysis Center, 201 Mill Street, Rome, NY: April 1993.

Chopra, P.S., Wolosewicz, R. M., *Application of Reliability, Maintainability, and Availability Engineering to Solar Heating and Cooling Systems*, Proceedings of the Annual Reliability and Maintainability Symposium, 22-24 January 1980, pp. 248-253.

Collett, R.E., P.W. Bachant., *Integration of BIT Effectiveness with FMECA*, Proceedings of the Annual Reliability and Maintainability Symposium, 1984, pp. 300-305.

Himanen, R., *Failure Mode and Effect Analysis by Matrix Method in the Availability Analysis*, Proceedings of the 10th Annual Engineering Conference on Reliability, Availability, and Maintainability for the Electric Power Industry, 1983, pp. 189-194.

IEEE Std 352-1975/ANSI N411.4 1976, *IEEE Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Protection Systems*.

Reliability, Maintainability, Supportability (RMS) Committee, *Failure Modes Effects and Criticality Analysis (FMECA), Reliability, Maintainability and Supportability Guidebook*, SAE G-11, Published by the Society of Automotive Engineers (SAE), Inc., 400 Commonwealth Drive, Warrendale, Pennsylvania: 1990. pp. 139-147.

Prescribed Forms

The following forms are printed in the back of this manual and are also available on the Army Electronic Library (AEL) CD-ROM and the USAPA Web site (www.usapa.army.mil)

DA Form 7610
Failure Modes and Effects Analysis (FMEA)
(Cited in paragraph 3-4n)

DA Form 7611
Quantitative Failure Modes Effects and Criticality Analysis (FMECA)
(Cited in paragraph 4-2a)

DA Form 7612
Qualitative Failure Modes Effects and Criticality Analysis (FMECA)
(Cited in paragraph 4-2a)

DA Form 7613
Failure Mode Criticality Ranking (Quantitative)
(Cited in paragraph 5-1a)

DA Form 7614
Item Criticality Ranking (Quantitative)
(Cited in paragraph 5-1a)