

RELIABILITY TEST REPORT

FOR THE

SAM POWER SUPPLY

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1.0 INTRODUCTION AND SUMMARY

This document presents the Sample Company Reliability Test Report performed on the SAM Power Supply. It was tested for Mean Time Between Failure (MTBF) in accordance with Paragraph 3.1.6.1 of MIL-STD-781D, "Reliability Testing for Engineering Development, Qualification, and Production"; Task 303 of MIL-STD-785B, "Reliability Program for Systems and Equipment Development and Production"; Task 100 of MIL-STD-756B, "Reliability Modeling and Prediction"; and paragraph 5.3.8 of MIL-HDBK-338B, "Military Handbook, Electronic Reliability Design Handbook".

The SAM Power Supply was found to have a Mean Time Between Failure (MTBF) of 15,430 hours of operation at the 95% Confidence Level (CL). This statement is fully supported by the reliability mathematical model presented in Section 3.0 and the Reliability Test Data presented in Appendix A of this report.

This example is not a complete report. The remaining text, mathematical models and supporting Appendix B calculations will be provided upon the purchase of this report.

APPENDIX A

Reliability Test Data For The SAM Power Supply

APPENDIX B

The Sum of the Probabilities of Exactly 0, 1, 2 ... 12 Failures
For The
SAM Power Supply