

1.0 SCOPE

1.1 Introduction

This Handbook provides procuring activities and development contractors with an understanding of the concepts, principles, and methodologies covering all aspects of electronic systems reliability engineering and cost analysis as they relate to the design, acquisition, and deployment of DoD equipment/systems.

1.2 Application

This Handbook is intended for use by both contractor and government personnel during the conceptual, validation, full scale development, production phases of an equipment/system life cycle.

1.3 Organization

The Handbook is organized as follows:

SECTION 2	Referenced Documents
SECTION 3	Definitions
SECTION 4	General Statements
SECTION 5	Reliability/Maintainability/Availability Theory
SECTION 6	Reliability Specification, Allocation and Prediction
SECTION 7	Reliability Engineering Design Guidelines
SECTION 8	Reliability Data Collection and Analysis, Demonstration and Growth
SECTION 9	Software Reliability
SECTION 10	Systems Reliability Engineering
SECTION 11	Production and Use (Deployment) R&M
SECTION 12	R&M Management Considerations