

## TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	INTRODUCTION AND SUMMARY	4
1.1	Scope	4
1.2	Objectives	4
2.0	REFERENCED DOCUMENTS	5
2.1	Military Documents	5
2.2	Commercial/Bellcore Documents	5
2.3	Aerodudes Systems Documents	5
3.0	MAINTAINABILITY DESIGN AND EVALUATION	6
3.1	Design Techniques	6
3.2	Maintainability Analysis Requirements and Methodology	6
3.3	Maintenance Levels	6
4.0	MAINTAINABILITY PREDICTION	7
4.1	Maintenance Concept	7
4.2	Model Assumptions	7
4.3	Model Input Data Sources	8
4.4	MTTR Prediction Mathematical Models And Calculations	8
4.5	Maintainability Prediction Results	10
5.0	AVAILABILITY PREDICTION	11

## TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
<u>Figure</u>		
1	MTTR and Mmaxct Calculation for the Normal Distribution of Repair Times	9
<u>Appendix</u>		
A	Maintainability Analysis Worksheets For MTTR and Mmaxct Calculations (Normal Distribution)	12