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Langley Research Center

SYSTEMS ENGINEERING HANDBOOK FOR IN-HOUSE SPACE FLIGHT PROJECTS

(Due to formatting problems, this edition of LAPG 7122.1 contains errors in page numbering, figure location, and general format style. However, the content of the document is correct and represents the Center's policy for and implementation of the Systems Engineering Process.)

National Aeronautics and Space Administration

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PREFACE

This handbook provides a summary of the systems engineering procedures associated with space flight projects where the primary project components (hardware and software) are developed in-house. The information in this handbook should serve as a basic reference for projects to develop a tailored sequence of events which will lead to achieving the best system design for the project.

This handbook is a supplement to the Langley Management Manual and is primarily applicable to space flight projects which are implemented in-house at Langley Research Center (LaRC). However, the fundamental systems engineering disciplines described will be applicable to early studies for contracted projects and to aeronautical projects and ground facility developments.

Revisions and additions to this handbook will be issued annually when changes or refinements in the systems engineering process or its implementation at LaRC are required.

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TABLE OF CONTENTS

CHAPTER		Page
1	**INTRODUCTION**	1-1
	1.1 PURPOSE	1-1
	1.2 SCOPE	1-1
	1.3 BACKGROUND	1-2
	1.4 SYSTEMS ENGINEERING PROCESS	1-3
	1.5 PROJECT LIFE CYCLE	1-6
	1.6 SYSTEMS ANALYSIS AND DESIGN PROCEDURE MODEL	1-6
2	**SYSTEMS ENGINEERING MANAGEMENT**	2-1
	2.1 PROJECT MANAGEMENT	2-1
	2.2 SYSTEMS ENGINEERING RESPONSIBILITIES	2-1
	2.3 SYSTEMS ENGINEERING MANAGEMENT	2-2
3	**SYSTEMS ANALYSIS AND DESIGN PROCEDURE**	3-1
	3.1 INTRODUCTION	3-1
	3.2 INITIALIZATION	3-1
	3.3 USER NEEDS AND GOALS ANALYSIS	3-2
	3.4 SYSTEMS REQUIREMENTS AND CONSTRAINTS	3-6
	3.5 PERFORMANCE MEASURES	3-7
	3.6 SYSTEMS CONCEPTS	3-7
	3.7 CONCEPTS ANALYSIS	3-8
	3.8 CONCEPTS RANKING	3-8
	3.9 SYSTEMS DEVELOPMENT	3-9
	3.10 REVIEW, VERIFICATION, AND VALIDATION	3-12
	3.11 DECISION POINT	3-13
4	**PROJECT LIFE CYCLE**	4-1
	4.1 INTRODUCTION	4-1

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TABLE OF CONTENTS - Continued

CHAPTER			Page
4	4.2	PRE-PHASE A - PRELIMINARY REQUIREMENTS AND CONCEPTS ANALYSIS	4-6
	4.3	PHASE A - REQUIREMENTS DEFINITION AND CONCEPTUAL TRADE STUDIES	4-7
	4.4	PHASE B - DEFINITION	4-8
	4.5	PHASE C - DESIGN	4-11
	4.6	PHASE D - FABRICATION, INTEGRATION, TEST, AND EVALUATION	4-14
	4.7	PHASE E - OPERATIONS PHASE	4-14
5		**SYSTEMS HARDWARE/SOFTWARE ENGINEERING**	5-1
	5.1	INTRODUCTION	5-1
	5.2	SYSTEMS REQUIREMENTS DEFINITION	5-1
	5.3	SYSTEMS REQUIREMENTS ALLOCATION	5-2
	5.4	HARDWARE/SOFTWARE DEVELOPMENT PROCESS	5-2
	5.5	HARDWARE/SOFTWARE INTEGRATION	5-3
6		**SYSTEMS ENGINEERING ACTIVITIES AND PRODUCTS**	6-1
	6.1	INTRODUCTION	6-1
	6.2	FORMULATION PHASE: PRE-PHASE A - PRELIMINARY REQUIREMENTS AND CONCEPTS ANALYSIS	6-1
	6.3	FORMULATION PHASE: PHASE A - REQUIREMENTS DEFINITION AND CONCEPTUAL TRADE STUDIES	6-5
	6.4	FORMULATION PHASE: PHASE B(1) - CONCEPT DEFINITION AND PRELIMINARY DESIGN	6-8
	6.5	FORMULATION PHASE: PHASE B(2) - SOURCE SELECTION PROCESS	6-12

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TABLE OF CONTENTS - Concluded

CHAPTER **Page**

6 6.6 IMPLEMENTATION PHASE: PHASE C - FINAL DESIGN AND ENGINEERING DEVELOPMENT . . . 6-13
6.7 IMPLEMENTATION PHASE: PHASE D - FABRICATION, INTEGRATION, TEST, AND EVALUATION 6-15
6.8 OPERATIONAL PHASE: PHASE E - PREFLIGHT AND FLIGHT MISSION OPERATIONS AND DISPOSAL 6-18

7 **LESSONS LEARNED** 7-1
7.1 INTRODUCTION 7-1
7.2 COMMUNICATION 7-1
7.3 FORMULATION STUDY STAFFING 7-1
7.4 AUDIT TRAIL 7-2
7.5 RESOURCE BUDGET RESERVES 7-2

APPENDIX

A LIST OF ACRONYMS A-1
B GLOSSARY OF TERMINOLOGY B-1
C ENGINEERING AND SYSTEMS ENGINEERING SOFTWARE . . . C-1
D SAMPLE DECISION ANALYSIS D-1
E REFERENCES E-1

INDEX I-1

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Continue to Next Section

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