Wildcat Rocketry Universal Flight Computer

LOGO GOES HERE

**Submitted By:**

The Apogeeniouses

Tannyr Singleterry

Gannon Bird

Ethan Benne

Nathan Emerson

10 October 2024

Executive Summary

Temp

Table of Contents

Executive Summary……………………………………………………………………………………………………………………..2

Table of Contents…………………………………………………………………………………………………………………………3

Project Description……………………………………………………………………………………………………………………...4

Background and Motivation ..X

Problem Statement ..X

Project Requirements ..X

Validation and Acceptance Tests ..X

Verification and Validation Matrix ..X

Data Needed to Support Analysis ..X

Technical Design ..X

Pre-Conceptual and Conceptual Design/Solution Descriptions ..X

Preliminary Design/Solution Description ..X

Detailed Design/Solution Descriptions ..X

Validation and Acceptance Test Results ..X

Assessment of Test Results ..X

Work Plan ..X

Work Breakdown Structure (WBS) & RACI Chart ..X

Schedule Gantt Chart ..X

Prototyping and Testing Protocol ..X

Financial Plan ..X

Proposed Budget ..X

Comparison of Final Expenditures to Budget ..X

Feasibility Assessment ..X

Lessons Learned ..X

Conclusions ..X

References ..X

Appendices ..X

Discussion

**Project Description**

Temp

*Background and Motivation*

Temp

*Project Requirements*

Temp

*Validation and Acceptance Tests*

Temp

*Verification and Validation Matrix*

Temp

*Data Needed to Support Analysis*

Temp

**Technical Design**

Temp

*Pre-Conceptual and Conceptual Design/Solution Descriptions*

Temp

*Preliminary Design/Solution Description*

Temp

*Detailed Design/Solution Descriptions*

THIS IS SEMESTER TWO ONLY

*Validation and Acceptance Test Results*

THIS IS SEMESTER TWO ONLY

*Assessment of Test Results*

THIS IS SEMESTER TWO ONLY

**Work Plan**

Temp

*Work Breakdown Structure & RACI Chart*

Temp

*Schedule Gantt Chart*

Temp

*Prototyping and Testing Protocol*

Temp

**Financial Plan**

Temp

*Proposed Budget*

Temp

*Comparison of Final Expenditures to Budget*

THIS IS SEMESTER TWO ONLY

**Feasibility Assessment**

Temp

**Lessons Learned**

Temp

**Conclusions**

Temp

**REFRENCES**

[1] Temp

**APPENDEICIES**

Temp