



Hardware Configuration Management Plan

for the

<Program Name>

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1.0 INTRODUCTION

1.1 Purpose

The purpose of this Hardware Configuration Management Plan is to establish the Hardware Configuration Management (HCM) related policies and methods to be adopted and implemented during Lifecycle development. This plan specifically addresses HCM methods related to identification, change control, change review, status accounting, and baseline development and review of program documentation and Hardware Configuration Items (HWCIs). In addition, this plan establishes and provides the basis for a uniform and concise HCM policy during the Planning and design phases of the Program.

1.2 Scope

This document presents the plan by which Hardware artifacts associated with this project will be identified, configured, controlled, archived, and tracked. This Hardware Configuration Management Plan complies with the documentation requirements of RTCA/DO-254 Section 10.1.5.

1.3 Acronyms and Abbreviations

<PROJ>	<Add Project Acronyms in Alphabetical Order>
AIMS	Action Item Management System
ALU	Arithmetic Logic Unit
ARP	Aerospace Recommended Practice
ASIC	Application Specific Integrated Circuit
COTS	Commercial-Off-The-Shelf
DRMS	Document Review Management System
HAS	Hardware Accomplishment Summary
HC1	Hardware Control Category 1
HC2	Hardware Control Category 2
HCMP	Hardware Configuration Management Plan
HWCI	Hardware Configuration Item
EUROCAE	European Organization for Civil Aviation Equipment
FAR	Federal Aviation Regulations
FFP	Functional Failure Path
FFPA	Functional Failure Path Analysis
FHA	Functional Hazard Assessment
F-FMEA	Functional Failure Modes and Effects Analysis
FTA	Fault Tree Analysis
HDL	Hardware Description Language
JAR	Joint Aviation Requirements
LRU	Line Replaceable Unit
PHAC	Plan for Hardware Aspects of Certification
PLD	Programmable Logic Device
PSSA	Preliminary System Safety Assessment
RTMS	Requirements Traceability Management System
SAE	Society of Automotive Engineers
SC	Special Committee
SSA	System Safety Assessment
WG	Working Group