Appendix A

RASIC Charts

*Housing ASM CM-SHF*

*50V MY 28 – LZ0*

# DATE 11-DEC-2023

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| **a. Resolution of all supplier issues identified during development or validation shall be confirmed by successful validation.** | Product to be Supplied | | | | | | | | | | | | | | | | | | | | | **Roles & Responsibilities:** | | | | | | **R** | | **A** | **S** | | **I** | C |
| Legend: **SUP**= Supplier, **GM**= General Motors  **S**= Support, **I**= Inform, **C**= Consult, **A**= Approval, **R**= Responsible | | | | | | | | | | | | | | | | | | | | | | | |  | **1** | | **GM** | |  |  | |  |  |
| **2** | | **GM** | |  | **SUP** | |  |  |
|  |  | |  |  | |  |  | |  | |  | |  | |  | |  |  | |  | |  |  | | **3** | | **SUP** | | **GM** | **GM** | |  |  |
|  |  | |  |  | |  |  | |  | |  | |  | |  | |  |  | |  | |  |  | | **4** | | **SUP** | |  | **GM** | | **GM** |  |
| Note: This is a generic parts list. Refer to the VTS & SSTS for specific parts. |  | | |  | | | | | | | | | | | | |  | | | | | | | |  | | | | |  | | |  | |
|  | **DESIGN** | | | **RELEASE** | | | | | | | | | | | | | **DEVELOP** | | | | | | | | **VALIDATE** | | | | | PROCESS | | | PROD’N | |
| "Commodity" | PACKAGE VEHICLE | COMPONENT DESIGNS  (MATH DATA) | | VEHICLE INTEGRATION | COMPONENT SPECIFICATIONS | | | FINAL SSTS | | APPLICATION ENGINEERING OF COMPONENTS | | DESIGN RELEASE | | PRE GATE REVIEWS | | VEHICLE ASSEMBLY ISSUES | METALURGICAL TESTS (LAB) | | COMPONENT TESTS (LAB) | | ENGINE TESTS (GMPT) | | | VEHICLE INTEGRATION | METALURGICAL TESTS (LAB) | | COMPONENT TESTS (LAB) | | ENGINE TESTS | OPERATION SEQUENCE  (PROCESS FLOW) | | EQUIPMENT BUILD | PHASE 3  FIELD / SERVICE ISSUES | |
| Housing ASM CM-SHF | 1 | 2 | | 1 | 2 | | | 1 | | 1 | | 2 | | 2 | | 1 | 3 | | 2 | | 1 | | | 1 | 3 | | 2 | | 2 | 3 | | 3 | 4 | |
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# **Definitions for RASIC**

**PACKAGE VEHICLE** - Perform interface packaging.

**ENGINEERING/APPEARANCE CRITERIA (DC)** - Identify criteria relative to the subsystem. Provide feedback to Design Center on issue resolution.

**COMPONENT DESIGNS (MATH DATA)** - Develop component designs relative to the Design Section of the SOR.

**VEHICLE INTEGRATION - VTS, MSS, SSTS, SERVICE & NAO STRATEGIES** - Implement all appropriate VTS, MSS, SSTS, Service and NAO Strategies relative to the subsystem design and execution.

**COMPONENT SPECIFICATIONS** - Develop component level specifications or execute the NAO provided specification.

**FINAL SSTS/CTS** - Completion of the program specific SSTS/CTS

**APPLICATION ENGINEERING OF COMPONENTS** - Perform application engineering of components.

**DESIGN RELEASE** - Develop appropriate EWOs for release and approval within the VEC per the SOR Engineering and Design requirements.

**PRE GATE REVIEWS** - Prepare and present subsystem requirements/status at Pre Gate Reviews for approval by VEC.

**VEHICLE ASSEMBLY ISSUES** - Identify, root cause and resolve all vehicle assembly plant issues utilizing the 5 step-process.

**MATH MODELING APPLICATIONS** - Develop and perform the appropriate math modeling analysis relative to the successful development of the subsystem.

**COMPONENT TESTS (LAB)** - Develop and conduct appropriate subsystem and component tests that would enable the successful development of the subsystem.

**VEHICLE TESTS (DPG, MPG)** Conduct appropriate vehicle level tests to assess subsystem performance relative to meeting the Functional Requirements.

**VEHICLE INTEGRATION** - Execute integration of the subsystem into the vehicle.

**COMPONENT TESTS (LAB)** - Validate subsystem

**VEHICLE TEST (DPG, MPG)** - Conduct appropriate vehicle level validation tests to assure successful compliance of the subsystem performance relative to the Functional Requirements.

**OCCUPANT PERFORMANCE** - Perform/analyze and validate the appropriate Occupant Performance.

**OPERATION SEQUENCE - PAD (VEHICLE PLANT)** - Develop appropriate operation sequence relative to the installation of components/subsystem per the BOP requirements.

**EQUIPMENT SPECS (VEHICLE PLANT)** - Develop appropriate vehicle assembly equipment specifications.

**BUILD EQUIPMENT (VEHICLE PLANT)** - Fabrication of plant equipment if required.

**PHASE 3, FIELD / SERVICE ISSUE** - Identify and resolve field and service issues.