

## SUPPLEMENT 6-C

# REQUIREMENTS ALLOCATION SHEET

The RAS initiated in Functional Analysis and Allocation is expanded in Design Synthesis to document the connection between functional requirements and the physical system. It provides traceability between the Functional Analysis and

Allocation and Synthesis activities. It is a major tool in maintaining consistency between functional architectures and the designs that are based on them. (Configuration Item (CI) numbers match the WBS.)

Requirements Allocation Sheet	Functional Flow Diagram Title and No. 2.58.4 Provide Guidance Compartment Cooling		Equipment Identification	
Function Name and No.	Functional Performance and Design Requirements	Facility Rqmnts	Nomenclature	CI or Detail Spec No.
2.58.4 Provide Guidance Compartment Cooling	The temperature in the guidance compartment must be maintained at the initial calibration temperature of +0.2 Deg F. The initial calibration temperature of the compartment will be between 66.5 and 68.5 Deg F.		Guidance Compartment Cooling System	3.54.5
2.58.4.1 Provide Chilled Coolant (Primary)	A storage capacity for 65 gal of chilled liquid coolant (deionized water) is required. The temperature of the stored coolant must be monitored continuously. The stored coolant must be maintained within a temperature range of 40–50 Deg F. for an indefinite period of time. The coolant supplied must be free of obstructive particles 0.5 micron at all times.		Guidance Compartment Coolant Storage Subsystem	3.54.5.1

Figure 6-5. Requirements Allocation Sheet (Example)