

**Table C.1: OHA Worksheet Categories**

Hazard ID	Hazard Description	Cause	System State
Alpha-numeric identifier (under 10 characters)	Any real or potential condition that can cause injury, illness, or death to people; damage to or loss of a system, equipment, or property; or damage to the environment	The origin of a hazard	An expression of the various conditions, characterized by quantities or qualities, in which a system can exist

**Controls:**

Controls	Control Justification
Any means currently reducing a hazard's causes or effects	A justification for each control indicating its effect on the identified hazard's causes or effects

**Severity and Safety Objectives:**

Effect	Severity	Severity Rationale	Safety Objectives
The real or credible harmful outcome that has occurred or can be expected if the hazard occurs in the defined system state	The consequences or impact of a hazard's effect or outcome in terms of degree of loss or harm	Explanation of how severity was determined	Description of the safety objective to potentially mitigate the risk of the identified hazard to an acceptable level

**5.3 ASOR Development Process**

In the ASOR, safety requirements are developed to achieve the safety objectives identified in the OHA. Safety objectives and safety requirements must then be allocated (1) to the CNS/ATM system elements that provide the functional capability to perform the service and (2) to the stakeholders in control of or responsible for each of the elements. Safety objectives and requirements must be further synthesized into the appropriate standards and specifications, which are used by the FAA/ATO to ensure that systems are compliant.

The ASOR uses the safety objectives and requirements developed and derived from the OHA to develop a strategy that takes into account procedural and architectural mitigations. The set of safety requirements to meet the objectives are allocated to the various ground and/or airborne CNS/ATM systems.