PLATFORM Representative Aircraft Assessment ZHA R C Performed on the first production aircraft post 90 stage installations Also referred to as the Safety Case Report Requirements into the CRADLE Database CRADLE Database Safety Requirements Random / Failure Targets \ Develop Accident Mitigation Strategies Shall follow MIL-STD-882D order of precedence: Probability Targets 1. Eliminate hazards through design selection. If unable to eliminate a hazard, reduce the hazard occurring to an acceptable level through design selection. Derived for the individual 2.Incorporate Safety Devices. If unable to eliminate the hazard through design selection, reduce the risk of the hazards from the HRI Acceptance Criteria hazard occurring to an acceptable level using protective safety features or devices. Systematic Failure Targets 3. Provide Warning Devices. If safety devices do not adequately lower the risk of the hazard occurring, include detection and warning system to alert personnel to the particular hazard. 4. Develop Procedures and Training. Incorporate special procedures and training where it is impractical to eliminate hazards through design selection, or to reduce the associated risk to an acceptable level with safety and warning devices. For catastrophic and critical hazards avoid using warning, caution, or other written advisory as the only risk reduction method. Ensure that the system safety design requirements and guidelines are Acceptance Criteria developed; refined; correctly and completely specified, and properly translated into system HW and SW requirements. Provide traceability between the hazards identified and the related safety requirements. Identify safety critical computer SW components and ensure they are placed MIL-STD 882C Task 203 under configuration control. Identify procedural/training procedures required to mitigate hazards.

Mil-STD-882C Task 301







