A. Criticality Analysis Requirement Definition

- Identifying critical processes and sub-processes
- Defining criticality levels
- Establishing criticality criteria

B. Conduct Program-Level Criticality Analysis

1. Identify Program Level Critical Processes
2. Analyze Identified Processes
3. Establish Baseline Levels

C. Conduct System/Subsystem Level Criticality Analysis

1. Identify System/Subsystem Level Critical Processes
2. Analyze Identified Processes
3. Establish Baseline Levels

D. Conduct Component/Subcomponent Level Criticality Analysis

1. Identify Component/Subcomponent Level Critical Processes
2. Analyze Identified Processes
3. Establish Baseline Levels

E. Conduct Detailed Review of Criticality for Processes, B, C, and D

1. Review Finalized Process Criticality Levels
2. Validate Detailed Review
3. Finalize Criticality Analysis
A. Criticality Analysis Procedure Definition

B. Conduct Program-Level Criticality Analysis

C. Conduct System/Subsystem-Level Criticality Analysis

D. Conduct Component/Subcomponent-Level Criticality Analysis

E. Conduct Detailed Review of Criticality for Processes B, C, and D

End
E.1 Identify and Map Interactions, intersections, Connections and Dependencies Across Components/Subcomponents, Systems/Subsystems, and Programs

E.2 Identify Controls Protecting the System to be Used

E.3 Review Impact of Operating States

E.4 Validate, Apply and Trace any Available Risk Information Through Connections and Dependencies

E.5 Assign Final Criticality Levels to Programs, Systems, Subsystems, Components, and Subcomponents

Finalized Criticality for Each Analyzed System Component(s)/Subcomponent(s)

Finalized Criticality for Each Analyzed System(s)/Subsystem(s)

Start Review of Risk and CA

Have Baseline Criticality levels been Determined in Processes B, C and D and are they current/up-to-date?

No

Baseline Criticality for Processes B, C, and D

Existing Documentation; System Design Process

Root Cause Analysis; Hazard Analysis; Contingency Plan

Risk Assessment (esp. Threat Assessment; Vulnerability Assessment, Impact Analysis)

Conduct Program (Process B); System/Subsystem (Process C); Component/Subcomponent (Process D)-Level Criticality Analysis

End