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AIR TRAFFIC ORGANIZATION

LAAS System Safety Assurance Status

Randy Key
Mike Monroe Technical Center
FAA/Navigation Services, ATO-W
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Discussion Topics

- System Safety Plan Overview
- System Safety Status
- System Safety Future Work

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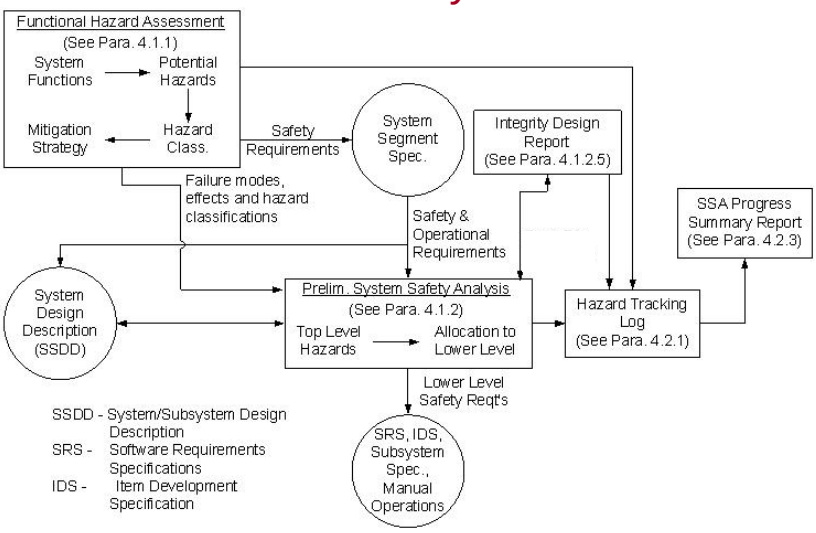
Phase I Safety Process



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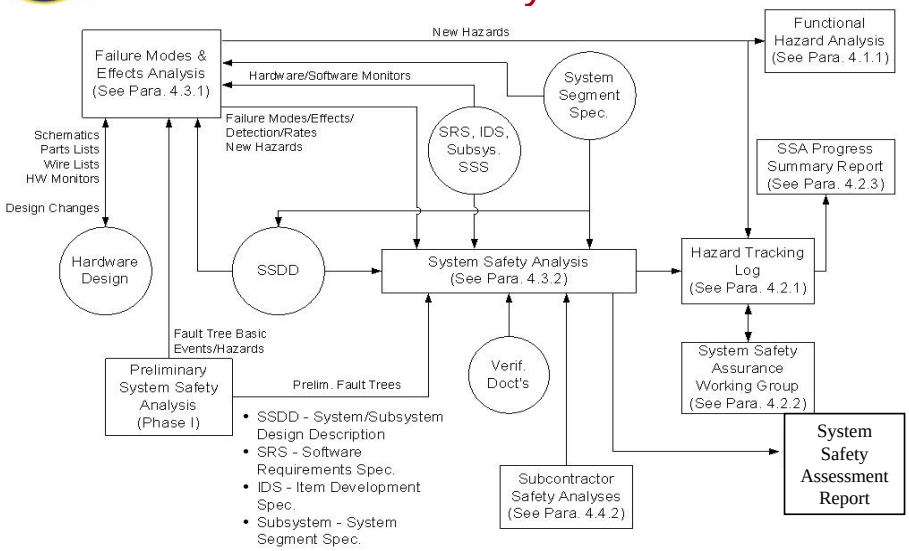
Phase II Safety Process



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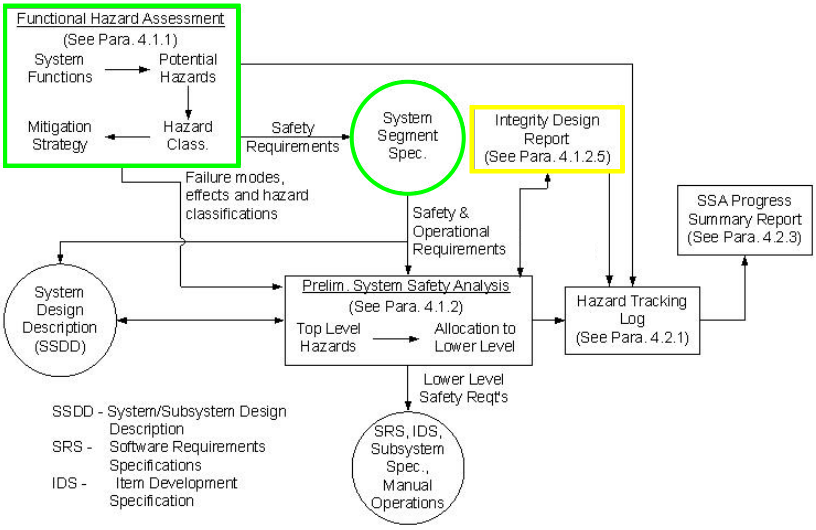
Phase I System Safety Status



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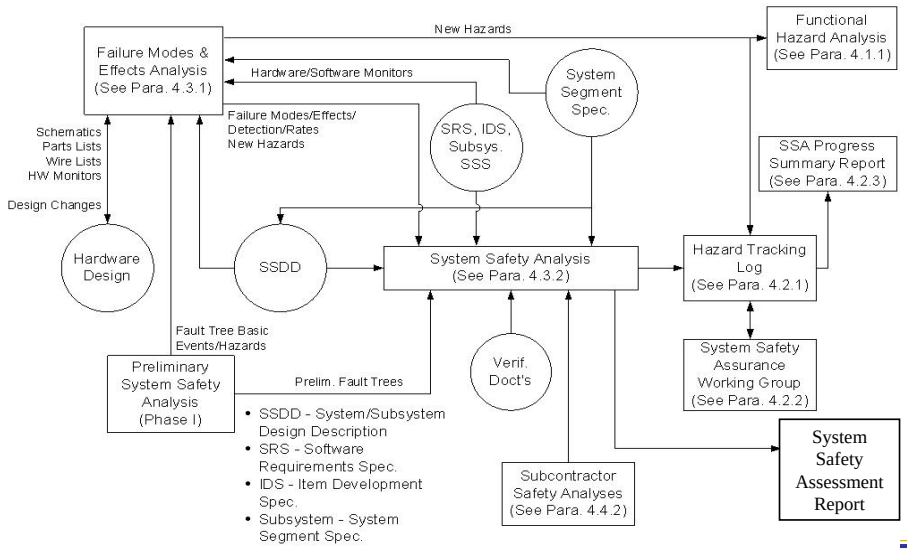
Phase II System Safety Status



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System Safety Plan Status

- Key Risk Area (KRA) 16 established to analyze the integration of key integrity requirements & allocations
  - Substantiates that the Key Risk Areas have been adequately addressed
  - Validates that KRA resolutions don't adversely effect compliance with integrity or continuity requirements

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System Safety Plan Status

- Initial Draft of KRA 16 report has been delivered and reviewed. Report includes:
  - Partial integrity and continuity fault trees
  - Architecture and monitor descriptions
  - Failure rate allocations

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System Safety Future Work

- Tasks under discussion:
  - Develop Algorithm Description Documents (ADD) for primary integrity algorithms
  - Investigate alternative safety architectures and associated requirements
  - HMI Analysis