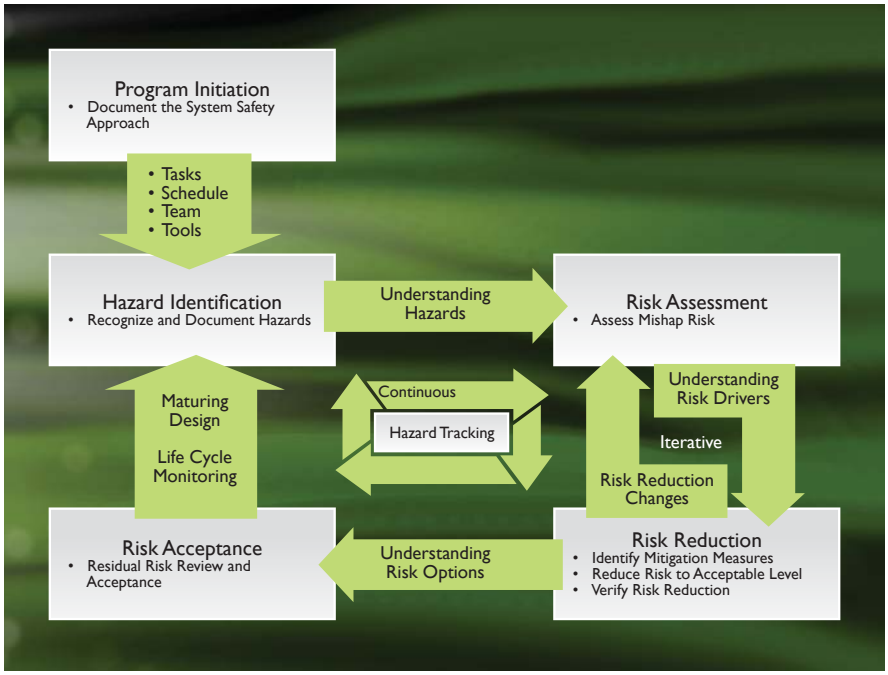
A-P-T Research, Inc.

SYSTEM SAFETY

Optimizing Safety Throughout the Life Cycle

System Safety Engineering applies engineering and management principles, criteria, and techniques to optimize safety within the constraints of operational effectiveness, schedules, and cost throughout all phases of the system or facility life cycle.

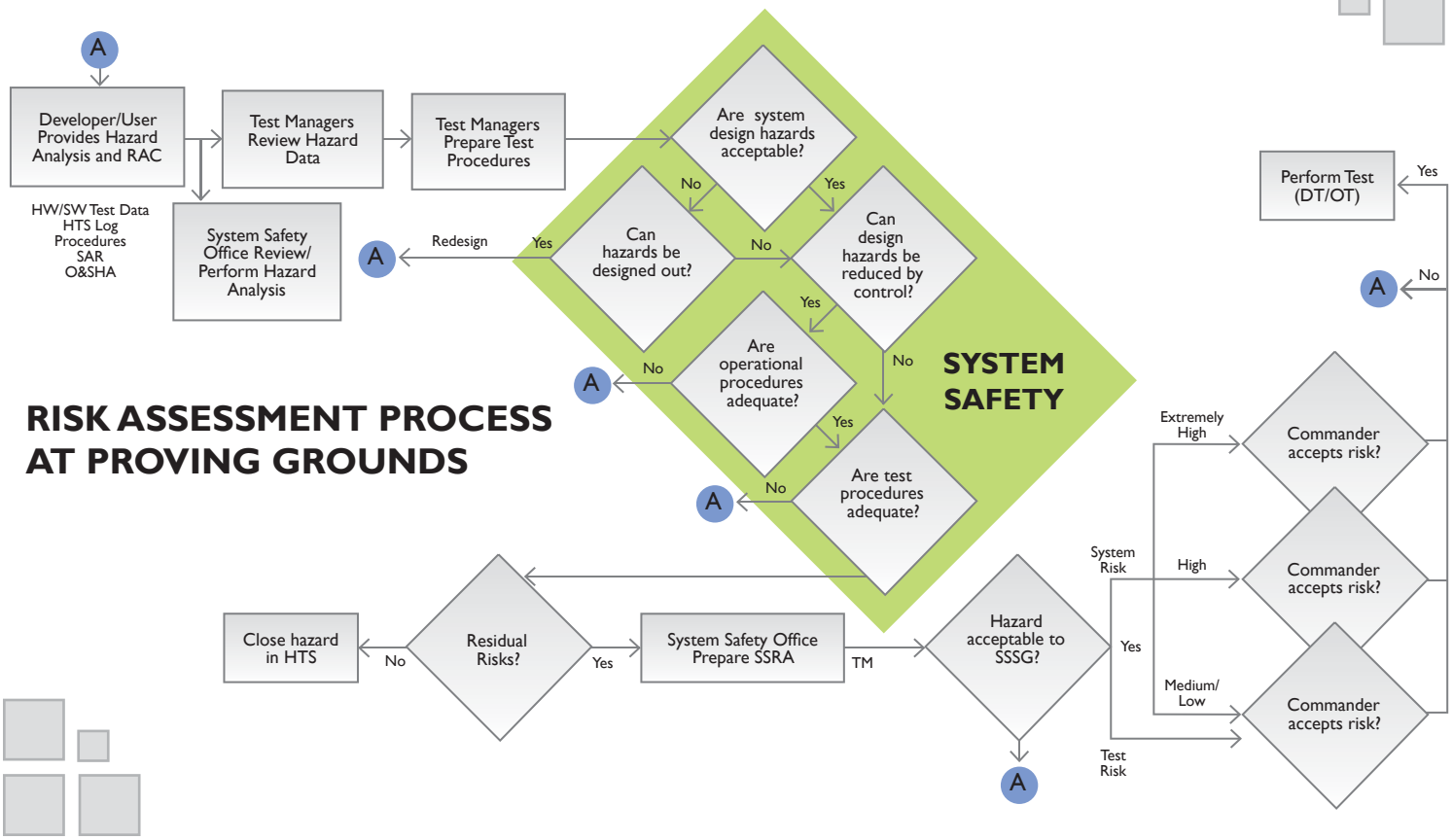
APT engineers have established a dependable process to conduct System Safety Engineering.



Capabilities

- Perform System Safety Programs
- Perform System Safety for Range Operations
- Serve as Secretariat for Safety Working Groups
- Perform and Evaluate Hazard Analyses
- Prepare Reliability and Fault Tree Analyses
- Prepare and Maintain Hazard Tracking Systems
- Conduct System Safety Training (Multiple Courses)
- Tailor Safety Program Requirements
- Define Safety Criteria
- Analyze System Hardware/ Software Designs
- Resolve Safety Issues
- Perform Risk Assessments
- Perform Flight Failure Mode Analyses
- Software Safety
- Analyze Flight Termination System Designs
- Perform Government Standard Inspections
- Contribute to Industry Standards Development
- Perform Risk Assessments
- Conduct Safety Workshops

RISK ASSESSMENT PROCESS AT PROVING GROUNDS



Customers

- Hera
- MLRS
- GBI
- XBR
- THAAD
- AMCOM
- GBR-P
- PAC-3
- SBX
- YPG
- KEI
- MKV

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