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VERTICON 2026 SMS Safety Assurance

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March 10, 2026

SMS Pillar (Safety Assurance)

- **Safety Assurance (SA)** — Evaluates the continued effectiveness of implemented risk control strategies; supports the identification of new hazards
 - Systematically provide confidence that organizational outputs meet or exceed safety requirements
 - FAA AVS (Aviation Safety Office) SMS has a dual safety assurance focus:
 - AVS organizations
 - Product/service providers
 - Ensures compliance with **FAA** SMS orders, standards, policies, and directives
 - Information Acquisition
 - Audits and evaluations
 - Employee reporting
 - Data Analysis
 - System Assessment
 - Provides insight **for** methods/opportunities for improving safety and minimizing risk
 - Assurance functions will continue to evaluate and improve service

SMS Pillars

The Four SMS Components

Safety Policy

Establishes senior management's commitment to continually improve safety; defines the methods, processes, and organizational structure needed to meet safety goals

Safety Assurance

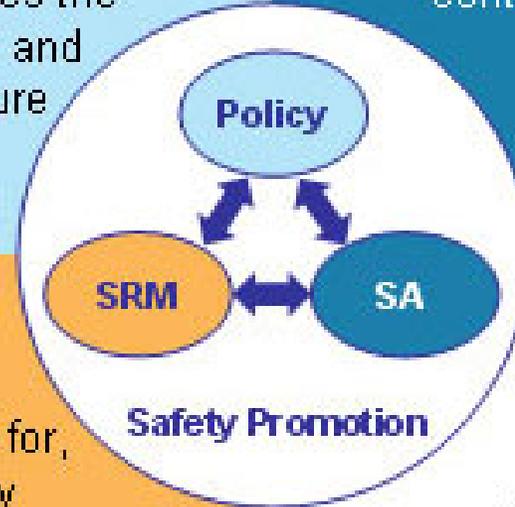
Evaluates the continued effectiveness of implemented risk control strategies; supports the identification of new hazards

Safety Risk Management

Determines the need for, and adequacy of, new or revised risk controls based on the assessment of acceptable risk

Safety Promotion

Includes training, communication, and other actions to create a positive safety culture within all levels of the workforce





Internal Audits

- **Internal Audit Program**

- Monthly Tasks by company departments - reviewed by Safety Director
- Establish an Internal Audit Program (IAP) to assess the full scope of processes
- IAP focuses on policies, processes and procedures that provide risk controls to confirm their effectiveness
- IAP includes the activities of external entities with which the organization interfaces, including suppliers and vendors
- We can use monthly examples from PRISM

- **Prism**

- Hazard Reporting
- IAP

- **Wyvern**

- Monthly Tasks focusing on effectiveness



Data Collection

- **SPIs (Specific Performance Indicators)**
- **SPTs (Specific Performance Targets)**
- **IAP (Internal Audit Program)**
- **Personal Interviews**
- **Accident/Incident reports**
- **Monthly Safety Meetings**
- **Quarterly Safety Council Meetings**



Data Collection

SPI's (Specific Performance Indicators) & SPT's (Specific Performance Targets)

- Develop to support the organization's safety objectives and target areas of significant risk.
- Examples: MEL, Hazard reports, Hot Starts



Safety Objectives

Safety Objectives

- Reflective of company's type of operation
- Updated on a regular basis
- Realistic



Confirm Effectiveness

- **Follow up with hazard mitigation (30 days etc.) for effectiveness**
- **Change mitigation if not effective**

Safety Assurance

- **Evaluates the continued effectiveness of risk controls**
- **Supports the identification of new hazards**
- **Ensures compliance with FAA SMS standards**
- **Provides insight for improving safety and minimizing risk**
- **SA will continue to evaluate and improve service**

Questions?