Federal Aviation Administration

ATO SMS

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Federal Aviation Administration

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ATO Safety Management System

YESTERDAY'S

Strategies
&
Focus Areas

Safety Management System: Strategy

- **Implement the ATO's SMS (required by international safety standards)**
  - The ATO complied by completing:
    - Gap assessment began in 2001
    - First SMS Manual was published in 2004
    - Implementation Plan was published in 2005

Safety Management System: Focus Areas

- **Define the scope of the ATO's SMS**
  - Develop the roles and responsibilities
  - Develop the policy and guidance
  - To ensure the safety of the National Airspace System (NAS)

- **Deliver first Safety Culture Survey**

- **Define the ATO's Just Culture Policy**

- **Developed a risk assessment methodology**

ATO Safety Management System

TODAY'S

**Strategies
&
Focus Areas**

Today's Strategies

- **Utilizing Quantitative Data**
  - Risk assessments
  - Safety Performance Monitoring
  - Validate VRSP reports (data base of more than 40,000 reports)

Today's Strategies

- **Top 5**
  - National effort
  - It is the culmination of the ATO's proactive safety management – Collect. Find. Fix. Monitor.
  - Corrective actions are monitored to ensure corrections properly mitigate risks

Today's Focus

- **Partnership for Safety**
  - Partnership for Safety enables local management and labor teams to work together to resolve risk
  - The responsibility for identifying and resolving risk is shared among all operational employees

- **Manager's Safety Dashboard**
  - Provides users with individual facility information, as well as a "roll-up" view, providing information at the District level
  - The Manager's Safety Dashboard makes identifying safety issues much easier for safety personnel and managers.
    - Assisting with prioritizing resources to those areas most needing attention

TOMORROW'S

Strategy,
Focus Areas,
&
Initiatives

Safety Management System: Strategy

- **Continue to empower employees (management) with their facility's current safety data; so that decisions are informed by risk based data.**

- **Build on safety management principles to proactively address emerging safety risk**

Safety Management System: Focus Areas

- **Development of Advanced Analytics to support effective risk management**

- **Revise FAA Safety Risk Management policy to align with risk-based decision making principles**

- **Continue to support the development of Safety Culture**

Safety Management System: Initiatives

- **Evolving the Top 5 Program**
  - The FAA's annual Hazard Risk Mitigation program will place emphasis on results versus the annual time frame. The FAA will focus agency resources on mitigating risk until an acceptable level is achieved

Safety Management System: Initiatives

- **Tiered Monitoring**
  - Align monitoring work based on priority of the NAS change/safety issue
  - Better target safety performance monitoring resources
  - Create a discussion about the effects of our decisions on the NAS through both risk and impact assessment

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Safety Management System: Initiatives

- **Risk Continuum**
  - Define risk as a fatality and assess each hazard to the level of risk.
  - Benefits will include:
    - Standard risk language
    - Risk assessments will include all predictive indicators and the associated likelihoods
    - Mitigation strategies will be placed and measured for effectiveness early in the chain of events

QUESTIONS?