

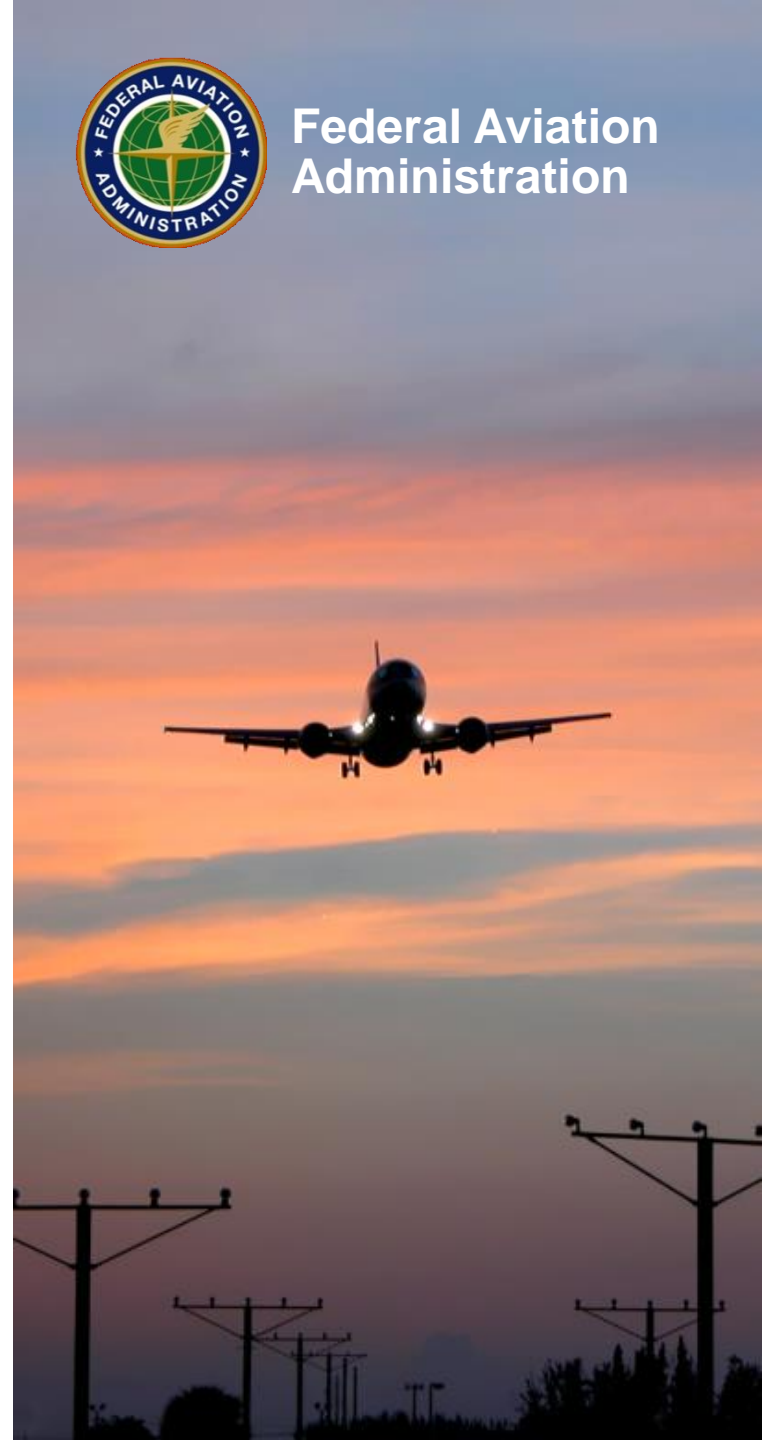


Federal Aviation
Administration

Evolving T&E in the FAA

Presented to: ITEA International Symposium
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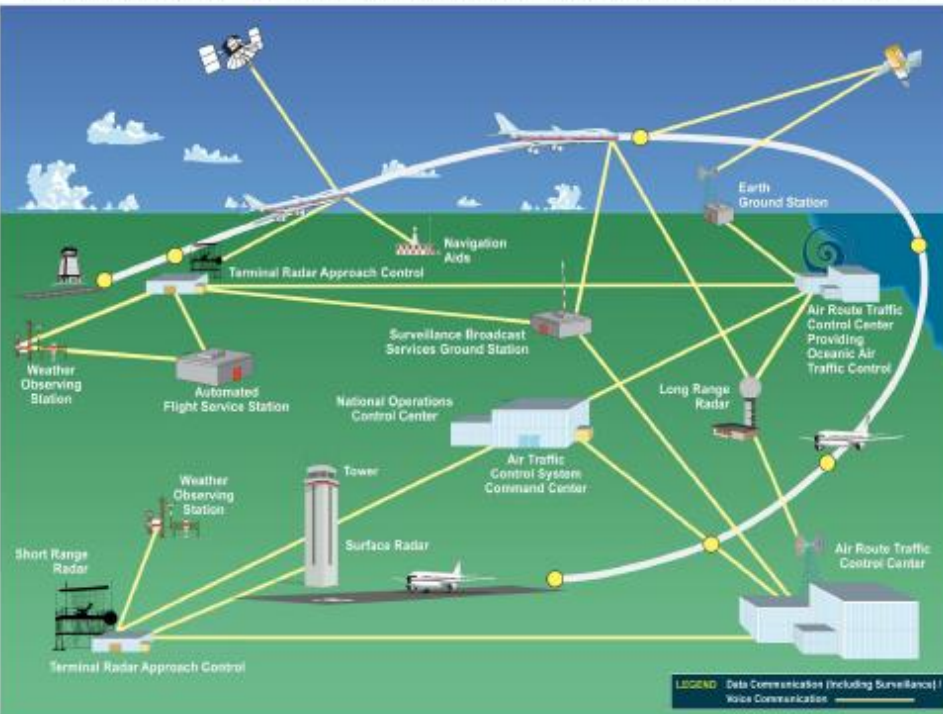
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Topics

- National Airspace System (NAS) Operational Views and evolving challenges
- Improving T&E: People, Process, Tools
- Optimizing the Approach
- Where do we still need to focus?





Current NAS

Future NAS



NextGen 2025 OV-1

INTERNATIONAL HARMONIZATION



Net Centric Operations

SOA CORE SERVICES				SUPPORT SERVICES		ENTERPRISE GOVERNANCE		ADMINISTRATIVE SERVICES				
Messaging Services	Interface Management	Security Service	Enterprise Services Mgt	Collaboration Services	Data Flow Management	Data Access	Strategic Governance	Run-time Management	Data/Network Support Services	Provisioning Services	Management	Training Support
ENTERPRISE WIDE OPERATIONS (NATIONAL)												
System & Services Analysis	System & Services Management	Safety Management Service	Trajectory Management	Flow Contingency Management	Capacity Management	Flight & State Data Management	Weather Information Management	Aeronautical Information Management	Surveillance Information Management			



- Core Values
- Experience
- Training

People

Coordination

Coordination

Strategy
&
Execution

- Best Practice
- Efficient
- Effective

Process

- Simplify
- Standardize
- Communicate

Tools

Coordination

FAA T&E Area of Focus

- **Standardized T&E processes with:**
 - Quality oversight
 - More rigor in policies
- **Training, credentialing, technical interchange, fostering culture change, promoting capability focus**
- **Enhanced lab with system-of-systems evaluation capabilities**



