NOTAM SYSTEM MODERNIZATION PROGRAM

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Aviation Information World – Forecasting the Future

Why Modernize NOTAMs?

- **Safety of flight issue – volume and clarity of information**

- **Industry stakeholders want a single point of contact for all AIS**

- **Several ATO service units and agency LOBs share responsibility and engage similar stakeholder groups and communities**

- **NOTAM system is not compliant with 2012 Reauthorization Requirement, called the Pilot's Bill of Rights, and now the 2018 Reauthorization, Section 394**

- **NOTAM format is not compliant with International Civil Aviation Organization (ICAO) standard**

NOTAM Modernization Goals

1. Align the NOTAM and aeronautical information systems under a single governing office with the authority to standardize and ensure compliance with FAA Orders and ICAO requirements

2. Redesign the current NOTAM information management system with single technology gateways for entering, processing, and retrieving all NOTAM data

3. Create a unified training and outreach strategy for federal and non-federal NOTAM users

NOTAM Modernization Plan

	External Stakeholder Engagement	Engage Stakeholders and Conduct Program Planning
	Process Improvement	Establish Single FAA Governing Office, Processes, and Procedures to Ensure a Sustainable Quality Management System
	Technology and Data Optimization	Identify Single-Source, Public Location, that is Internet-Accessible, Machine-Readable, Searchable, Archivable, and Filterable
	Training and Outreach	Develop and Implement a Unified Training and Outreach Strategy

Process Improvement Updates

Process Improvement

- ID'd a single organization to consolidate Aeronautical Information and NOTAMs to standardize and comply with FAA Orders and ICAO requirements.

- Conducting a gap analysis of ICAO Annex 15 with current NOTAM policy and determining numbering and series of digital NOTAMs.

- Canceled over 50% of the outstanding Tech Ops PERM NOTAMS. Working to cancel Air Traffic and Airports PERM NOTAMS.

- Reached agreement with National Geospatial-Intelligence Agency (NGA) on a single source of airport mapping data.

- Created an improvement plan to deliver current Pref Routes using the most effective data format (in partnership with FAA's Command Center).

Technology and Data Optimization Updates

Technology and Data Optimization

- Evaluated 3 options to modernize NOTAM system (redesign, build, buy) and identified optimum solution for industry stakeholders and legislative requirements is to redesign our current system.

- Partnered with DoD to understand system cutover risks from U.S. NOTAM System (USNS) to Federal NOTAM System (FNS) and created long-term vision for our shared system and Aeronautical Information (AI) data.

- Established work group to standardize procedures and tools for TFRs and airshows.

Training and Outreach Updates

Training and Outreach

- Developed a survey for airport users of NOTAM Manager to help gain an understanding of how the system meets user needs and identify areas of improvement (functionality and training).

- Identified existing NOTAM training for Controllers, Technicians, and Operators and conducting a gap analysis.

- Determined numerous mechanisms for increasing the number of airports using NOTAM Manager.

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