



**Federal Aviation
Administration**

An abstract graphic on the left side of the slide. It consists of a large white circle containing several blue and light blue geometric shapes, including triangles and hexagons, arranged in a symmetrical pattern. The circle is surrounded by thick, dark blue curved lines that sweep around it.

NOTAM System Modernization

**Briefing at the Aeronautical
Charting Meeting**

October 28, 2020



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
- The NOTAM modernization effort is part of the Air Traffic Organization (ATO) Top 5 Program



NOTAM Modernization Goals

Goal 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

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

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







Workstreams, Goals, and Work Groups

WORKSTREAMS

GOALS

WORKGROUPS

 EXTERNAL STAKEHOLDER ENGAGEMENT	Engage Stakeholders and Conduct Program Planning	Program Management
 PROCESS IMPROVEMENT	Establish Single FAA Governing Office and Processes and Procedures to Ensure a Sustainable Quality Management System	Alignment of NOTAMs and AI Governance Publications Chart Supplement PERM NOTAMS
 TECHNOLOGY AND DATA OPTIMIZATION	Identify Single-Source, Public Location, that is Internet- Accessible, Machine-Readable, Searchable, Archivable, Sortable, and Filterable	Technology Architecture Route Data Temporary Flight Restrictions (TFRs)
 TECHNICAL TRAINING AND OUTREACH	Develop and Implement a Unified Training and Outreach Strategy	Training Outreach Data Optimization Summit Airshows and Stadium Deconfliction



Highlights

Created a Single Office for NOTAMs & Aeronautical Info *[Goal 1]*



Shut Down PilotWeb & Switched to NOTAM Search *[Goal 2]*



Aligned Route Data across FAA Systems *[Goal 2]*



Retired AIDAP & Switched to NOTAM Distro Service *[Goal 2]*



Charted & Canceled 400+ PERM NOTAMs *[Goal 2]*



Retired the Notice to Airmen Publication (NTAP) *[Goal 2]*



Mitigated Airspace Schedule Conflicts For Airshows & Sports Events *[Goal 3]*



Held Two Stakeholder Summits on Aeronautical Info Optimization *[Goal 3]*



Summary of Impacts

Consistent

Data consistency across FAA products means stakeholders can trust that the info they have is right

Compliant

The FAA has made concrete steps towards compliance with 2018 FAA Reauthorization Act and 2012 Pilot's Bill of Rights

Responsive

Single FAA touchpoint for NOTAMs and AI improves how the agency interacts with and responds to industry issues and concerns



Comprehensive

NOTAM Modernization includes all relevant aspects: processes, policy, technology, training, outreach, and related data & publications

Trusted

Responsiveness to industry concerns has helped build trust with aeronautical information and NOTAM stakeholders

Simplified

Reducing redundant sources of NOTAMs and aeronautical information helps pilots find the info they need



Questions?