



NORTH CAROLINA Department of Transportation



FAA UAS Integration Pilot Program

Basil Yap, UAS Program Manager

November 6, 2017

Presidential Memorandum

October 25, 2017

Through a presidential memorandum to Elaine Chao, U.S. Secretary of Transportation, the president established the UAS Integration Pilot Program to launch an initiative to safely test and validate advanced operations for drones in partnership with state and local governments in select jurisdictions.



[Presidential Memorandum](#) [DOT Press Release](#)

UAS Integration Pilot Program Purpose

- The program is intended to gather safety data on expanded drone operations, create framework for state, local and tribal participation, and lay the basis for rulemaking that would allow nationwide expanded operations.
- The program is an opportunity for state, local, and tribal governments to partner with private sector entities, such as UAS operators or manufacturers, to accelerate safe UAS integration

Participants

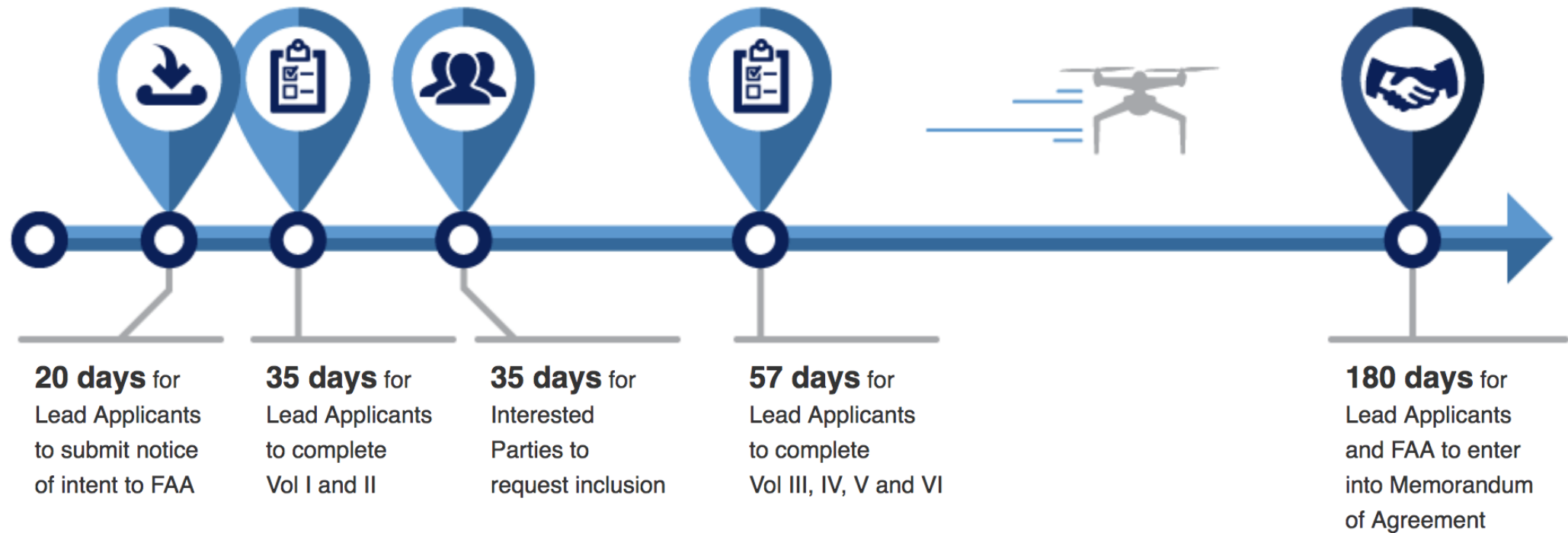
- **Lead Applicants** - State, local or tribal governmental entities
- **Interested Parties** – Industry stakeholders with technological, operational or other relevant expertise who partner with state, local or tribal governments.
- **USDOT and FAA** – Review and approve applications and provide safety advice to participants as well as gather data and safety performance from participants.

Timeline

- October 25, 2017 – Presidential Memorandum
- November 8, 2017 – Federal Register Notice
- November 28, 2017 – State, Local and Tribal government submitting a Notice of Intent are due.
- December 13, 2017 – First part of proposals are due.
- January 4, 2017 – Proposals completed and review by DOT and FAA starts.

Timeline

Key dates after publication of Federal Register Notice (FRN)



Detailed Submission Process

- Volume 1 – Identification of Lead Applicant (Due Dec. 13)
- Volume 2 – Overview of Lead Applicant Solicitation Concept (Due Dec. 13)
- Volume 3 – Airspace and Concept of Operations (Due Jan. 4)
- Volume 4 – Key Considerations (Due Jan. 4)
- Volume 5 – Team Members Rationale and Past Performance (Due Jan. 4)
- Volume 6 – Infrastructure (Due Jan. 4)

Benefits of Participation

The pilot program will evaluate a variety of UAS operational concepts, including night operations, flights over people, flights beyond the pilot's line of sight, package delivery, detect-and-avoid technologies, counter-UAS security operations, and the reliability and security of data links between pilot and aircraft. Industries that could see immediate opportunities from the program include commerce, photography, emergency management, precision agriculture, and infrastructure inspections and monitoring.

The Drone Pilot Program is the US DOT's second major initiative leveraging new technologies and follows *A Vision for Safety 2.0*, which offers a path forward for the safe deployment of automated or self-driving vehicles.

Highlights

- The U.S. Department of Transportation (DOT) and Federal Aviation Administration (FAA) launched a three-year UAS Integration Pilot Program.
- The DOT and FAA will partner directly with a minimum of five state, local or tribal governments.
- Private industry will have the opportunity to partner with state, local and tribal governments in this program to push the boundaries of UAS use.
- There is an aggressive timeline for the application process.

Resources

- [UAS Integration Pilot Program Website](#)
- [UAS Integration Pilot Program: Get Ready to Apply video](#)
What you need to know before applying to the UAS Integration Pilot Program.
- [UAS Integration Pilot Program Webinar video](#)
Overview of the program, the application process, acceptance criteria and deadlines.
- [Presidential Memo](#)
Presidential direction to establish a pilot program to enable public/private partnerships to test and evaluate integration of civil and public UAS operations into the National Airspace System.
- [Federal Register Notice](#)
The official public announcement of the program.
- [Screening Information Request](#)
Step-by-step instructions for how to submit an application, including what kind of information you need to provide, when you need to provide it by, and in what format.
- [Sample Memorandum of Agreement](#)
- [Interested Parties List](#)

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