


[Overview](#)
[Getting Started](#) >

[Overview](#)
[How to Register Your Drone](#)
[What Kind of Drone Flyer Are You?](#)
[Where Can I Fly?](#)
[B4UFLY App](#)
[Low Altitude Authorization and  
Notification Capability \(LAANC\)](#)
[Temporary Flight Restrictions \(TFRs\)](#)
[Remote ID](#)
[Aviation Safety Reporting Program  
\(ASRP\) for UAS](#)
[Recreational Flyers & Community-  
Based Organizations](#) >

[Certificated Remote Pilots including  
Commercial Operators](#) >

[Public Safety and Government](#) >

[Educational Users](#) >

[Drone Events](#) >

[Critical Infrastructure & Public Venues](#) >

[Advanced Operations](#) >

[Programs, Partnerships &  
Opportunities](#) >

[Research & Development](#) >

[Resources & Other Topics](#) >

[UAS en Español](#) >

[Contact Us](#) >

## Remote Identification of Drones

### Note: FAA Policy on Remote ID Enforcement

Drone pilots are expected to comply with the September 16, 2023, compliance date for Remote ID. However, the FAA understands that some drone pilots may not be able to comply because of limited availability of broadcast modules and lack of approved FAA-Recognized Identification Areas. In those instances, the FAA will consider all factors in determining whether to take enforcement action through March 16, 2024.

[Read the full policy in the Federal Register.](#)

Remote identification (Remote ID) is coming. Are you ready?

Drones are fundamentally changing aviation, and the FAA is committed to working towards fully integrating drones into the National Airspace System (NAS). All drone pilots who are required to register or have registered their drone must operate in accordance with [the rule on Remote ID](#). Safety and security are top priorities for the FAA and Remote ID for drones is crucial to our integration efforts.

**What is it?** Remote ID is the ability of a drone in flight to provide identification and location information that can be received by other parties through a broadcast signal.

**Why do we need it?** Remote ID lays the foundation of the safety and security groundwork needed for more complex drone operations. Remote ID also helps the FAA, law enforcement, and other federal agencies locate the control station when a drone appears to be flying in an unsafe manner or where it is not allowed to fly.

## How to be Remote ID Ready

There are three ways drone pilots can meet the identification requirements of the Remote ID rule:

- [Operate a Standard Remote ID drone](#) (PDF) that broadcasts identification and location information of the drone and control station. A Standard Remote ID drone is one that is produced with built-in Remote ID broadcast capabilities in accordance with the Remote ID rule's requirements.
- [Operate a drone with a Remote ID broadcast module](#) (PDF). A broadcast module is a device that broadcasts identification and location information about the drone and its take-off location in accordance with the Remote ID rule's requirements. The broadcast module can be added to a drone to retrofit it with Remote ID capabilities. Pilots operating a drone with a Remote ID broadcast module must be able to see their drone at all times during flight.

- [Operate \(without Remote ID equipment\)](#) (PDF) at [FAA-recognized identification areas \(FRIAs\)](#), sponsored by [community-based organizations \(CBOs\)](#) or [educational institutions](#). FRIAs are the only locations where UAS (drones and radio-controlled airplanes) may operate without broadcasting Remote ID message elements.

## Get Remote ID Ready

### Which Drones Must Comply With Remote ID?

Drones which are required to be registered or have been registered, including those flown for recreation, business, or public safety, must comply with [the rule on Remote ID](#).

### Registering Drones

Recreational drone pilots may register once and apply their registration number to all the devices listed within their inventory. During registration, you must list the serial number(s) of each Standard Remote ID drone and/or the Remote ID broadcast module. If you use a Remote ID broadcast module, the Remote ID serial number attached to the module must be listed for each drone not equipped with Standard Remote ID you add to your inventory. This will permit you to move the module from one drone not equipped with Standard Remote ID to another so long as each of the drones make/model are listed within the same inventory.

This is not the case for Part 107 pilots who must register each individual device (Standard Remote ID drone or Remote ID broadcast module) separately within their inventory and each device will get a unique registration number

### Important! Before You Get Started:

- Ensure your device has an FAA-approved Remote ID [Declaration of Compliance](#)
  - Have your **Remote ID serial number** handy. If you are not sure how to locate it, please **check with the manufacturer** for assistance.
- If you previously listed a drone and answered “No” to the Remote ID question, you will now create a new listing for that same drone.

### Recreational Flyers Registration

Recreational flyers will need to add each Standard Remote ID drone and/or the Remote ID broadcast module to their inventory, then if applicable, remove the drone not equipped with Standard Remote ID that it replaces.

- Log in to [FAADroneZone](#)
  - Click on the button labeled “Launch Drone Owners and Pilots Dashboard”
  - Be sure you are on the Recreational Flyer Dashboard
- Click on “Manage Device Inventory”
  - Click on “Add Device”
  - Answer the Remote ID question “Yes”
  - Choose the device type from the drop down menu (Remote ID broadcast module or Standard Remote ID drone):
    - If using one broadcast module on multiple drones not equipped with Standard Remote ID, select broadcast module for each and input the particular drone(s) make/model while using the same Remote ID serial number from the module in the following step.
  - Enter the Remote ID serial number (NOTE: this number may be on either the device or the controller)
  - Click on “Add Device”
- Return to “Your Inventory”
- If you’d like to cancel the previously registered drone not equipped with Standard Remote ID
  - While in your inventory, click on the three vertical dots associated with the drone under the “Actions” column and select “Cancel” from the drop down menu
  - **Note:** a canceled device will remain in your inventory as “cancelled”

### Part 107 – Editing an Existing Registration

- Log in to [FAADroneZone](#)
  - Click on the button labeled “Launch Drone Owners and Pilots Dashboard”
  - Make sure you are on the Part 107 Dashboard
- Click on "Manage Device Inventory"

- Click on the three vertical dots associated with the drone in the “Actions” column and select “Edit” from the drop down menu
- Edit the answer to the Remote ID question to “Yes”
- Enter the Remote ID serial number from either the updated Standard Remote ID drone or the Remote ID broadcast module: (NOTE: this number may be listed on either the device or the controller)
- Click on “Save”

## Part 107 - Registering a New Device

- Log in to [FAADroneZone](#)
  - Click on the button labeled “Launch Drone Owners and Pilots Dashboard”
  - Make sure you are on the Part 107 Dashboard
- Click on "Manage Device Inventory"
  - Click on “Add Device”
  - Answer the Remote ID question “Yes”
  - Choose the device type from the drop down menu (Remote ID broadcast module or Standard Remote ID drone):
    - If using a broadcast module, list the drones make/model while adding the broadcast modules Remote ID serial number in the following step.
  - Enter the Remote ID serial number (NOTE: this number may be listed on either the device or the controller)
  - Click on “Add Device”
  - Continue on with the registration process.

### 3 Ways Drone Pilots Can Meet Remote ID Rule



#### Drone Remote Identification

- Remote ID capability is built into the drone
- From takeoff to shutdown, drone broadcasts:
  - Drone ID (Remote ID-compliant serial number)
  - Drone location and altitude
  - Drone velocity
  - Control station location and elevation
  - Time mark
  - Emergency status

#### Drone Remote Identification

- Remote ID capability through module attached to drone
- Limited to visual line of sight operations
- From takeoff to shutdown, drone broadcasts:
  - Drone ID (Remote ID-compliant serial number)
  - Drone location and altitude
  - Drone velocity
  - Takeoff location and elevation
  - Time mark

#### FAA-Recognized Identification Area (FRIA)

- Drones without Remote ID can operate without broadcasting
- Drones without Remote ID can operate within visual line of sight and within the FRIA
- Anyone can fly there, but FRIA can only be requested by [community-based organizations](#) and [educational institutions](#)

## Session ID

In the future, operators of Standard Remote ID drones may be able to choose between broadcasting their drone's ID (Remote ID-compliant serial number) or a Session ID.

The FAA is developing a strategy for assignment of Session ID to drone pilots and will consider existing policies when developing the Session ID policy. The Session ID will be uniquely identifiable such that law enforcement and the FAA can correlate each Session ID to a specific drone's registration, but this ability will not be publicly available. The FAA will seek public comment on the Session ID policy prior to finalizing it.

# Remote ID Background

The FAA's Notice of Proposed Rulemaking (NPRM) on Remote Identification of Unmanned Aircraft Systems was published on December 31, 2019. The FAA received over 53,000 comments on the NPRM during the 60-day comment period following publication. The FAA reviewed all of the comments and considered them when writing the final rule. [The final rule](#) (PDF) was published in the Federal Register on January 15, 2021 with an original effective date of March 16, 2021. Corrections made to the rule and published in the Federal Register on March 10, 2021 delayed the effective date to April 21, 2021. Got Questions? [Contact the UAS Support Center](#)

## Resources

- [Enforcement Policy Regarding Operator Compliance Deadline](#)
- [Remote ID for Industry and Standards Bodies](#)
- [Remote ID Rule Executive Summary](#) (PDF)
- [UAS Declaration of Compliance System](#)
- [Remote ID toolkit \(overview\)](#)
- [Remote ID toolkit for Industry](#)
- [FAA-Recognized Identification Areas \(FRIAs\) toolkit](#)

Last updated: Friday, September 29, 2023

### U.S. DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration  
800 Independence Avenue, SW  
Washington, DC 20591  
866.835.5322 (866-TELL-FAA)  
[Contact Us](#)

### GET IMPORTANT INFO/DATA

[Accident & Incident Data](#)  
[Airport Data & Information Portal \(ADIP\)](#)  
[Charting & Data](#)  
[Flight Delay Information](#)  
[Supplemental Type Certificates](#)  
[Type Certificate Data Sheets \(TCDS\)](#)

### LEARN ABOUT NEXTGEN

[Next Generation Air Transportation System \(NextGen\)](#)  
[NextGen Today](#)  
[NextGen Programs and Resources](#)  
[Performance Reporting and Benefits](#)

### REVIEW DOCUMENTS

[Aircraft Handbooks & Manuals](#)  
[Airport Diagrams](#)  
[Aviation Handbooks & Manuals](#)  
[Examiner & Inspector](#)  
[FAA Guidance](#)  
[Performance Reports & Plans](#)

### VISIT OTHER FAA SITES

[Airmen Inquiry](#)  
[Airmen Online Services](#)  
[N-Number Lookup](#)  
[FAA Mobile](#)  
[FAA Safety Team](#)  
[Frequently Asked Questions](#)

### POLICIES, RIGHTS & LEGAL

[About DOT](#)  
[Budget and Performance](#)  
[Civil Rights](#)  
[FOIA](#)  
[Information Quality](#)



[No FEAR Act](#)

[Office of Inspector General](#)

[Privacy Policy](#)

[USA.gov](#)

[Web Policies and Notices](#)

[Web Standards](#)