

# Drone Class

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Cincinnati Central School



# Sky Op LLC

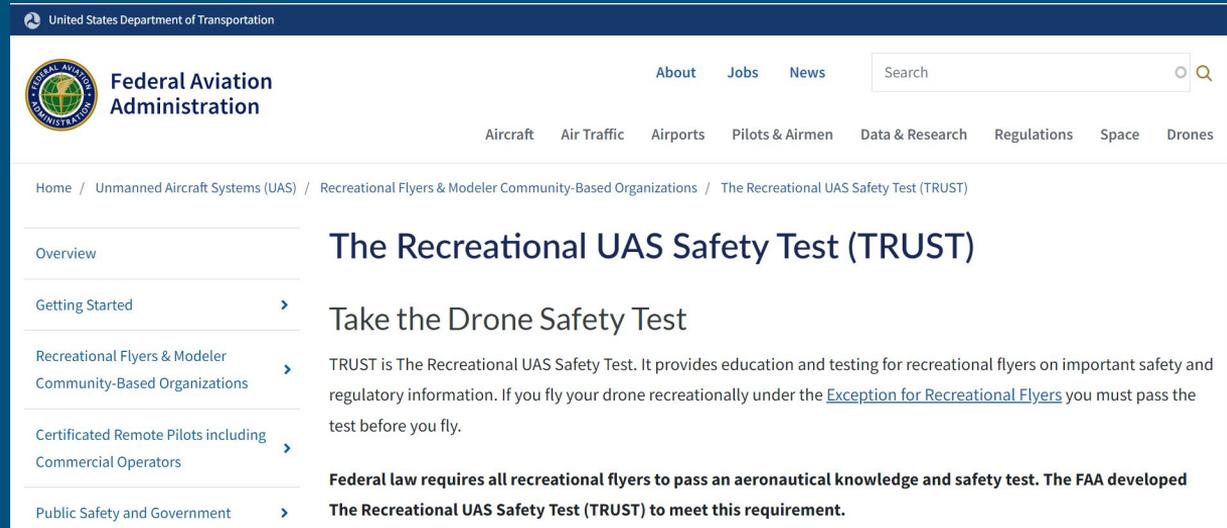


The screenshot displays the SkyOP web application interface. At the top left, there is a menu icon and the SkyOP logo. A sidebar on the left contains a list of navigation items: Flight Training – Syma X5 Series, Maintenance, DroneLogbook, Best Practices, Privacy, Drone Program Risks, FAA Remote Pilot Knowledge Test, Part 107 Regulations, and Airports And Airspace. The main content area features a header for the course 'Cincinnati CSD 2021-2022' with a breadcrumb trail: Dashboard / My courses / Cincinnati CSD 2021-2022. Below the header, there is a 'General' section with a 'Rectangular Snip' button and two items: 'Class Announcements' and 'Class Discussion Forum'. At the bottom of the main content area, there is a section titled 'Industry Overview'.

We partnered with SkyOP for a drone curriculum.

# The Recreational UAS Safety Test (TRUST Test)

All students passed the TRUST test to be licenced for recreational drone use.



United States Department of Transportation

 Federal Aviation Administration

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Home / Unmanned Aircraft Systems (UAS) / Recreational Flyers & Modeler Community-Based Organizations / The Recreational UAS Safety Test (TRUST)

Overview

Getting Started >

Recreational Flyers & Modeler Community-Based Organizations >

Certificated Remote Pilots including Commercial Operators >

Public Safety and Government >

## The Recreational UAS Safety Test (TRUST)

### Take the Drone Safety Test

TRUST is The Recreational UAS Safety Test. It provides education and testing for recreational flyers on important safety and regulatory information. If you fly your drone recreationally under the [Exception for Recreational Flyers](#) you must pass the test before you fly.

**Federal law requires all recreational flyers to pass an aeronautical knowledge and safety test. The FAA developed The Recreational UAS Safety Test (TRUST) to meet this requirement.**



# Commercial Drone Applications

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- Agricultural Drones
- Real Estate
- Engineering Projects
- Environmental Conservation and Monitoring using Drones
- Media Coverage
- Security
- Special Events
- Search and Rescue Operations
- Delivery
- Military

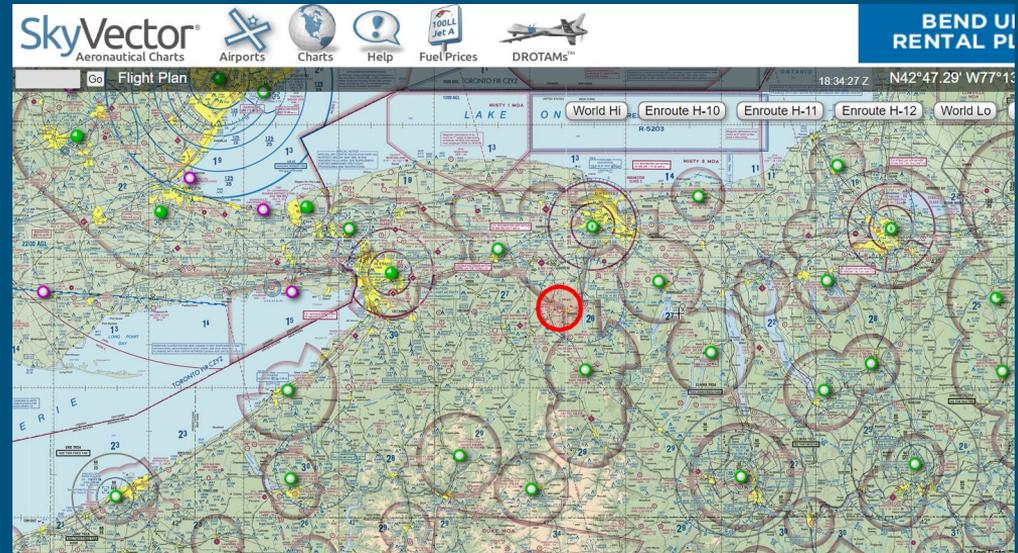
# Preflight Procedures

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Before flying each day students must complete a pre flight checklist.

They must check:

- Weather conditions -
  - UAV Forecast
- Airspace clearance
  - SkyVector,
  - B4UFLY
- Checking equipment



# Flying FPV drones in the classroom

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# In the Future -> Working with CNY Drones

CNY Drones offers:

- Drone Soccer Competitions
- Northeast Drone Challenge
- Tech Meetups for students

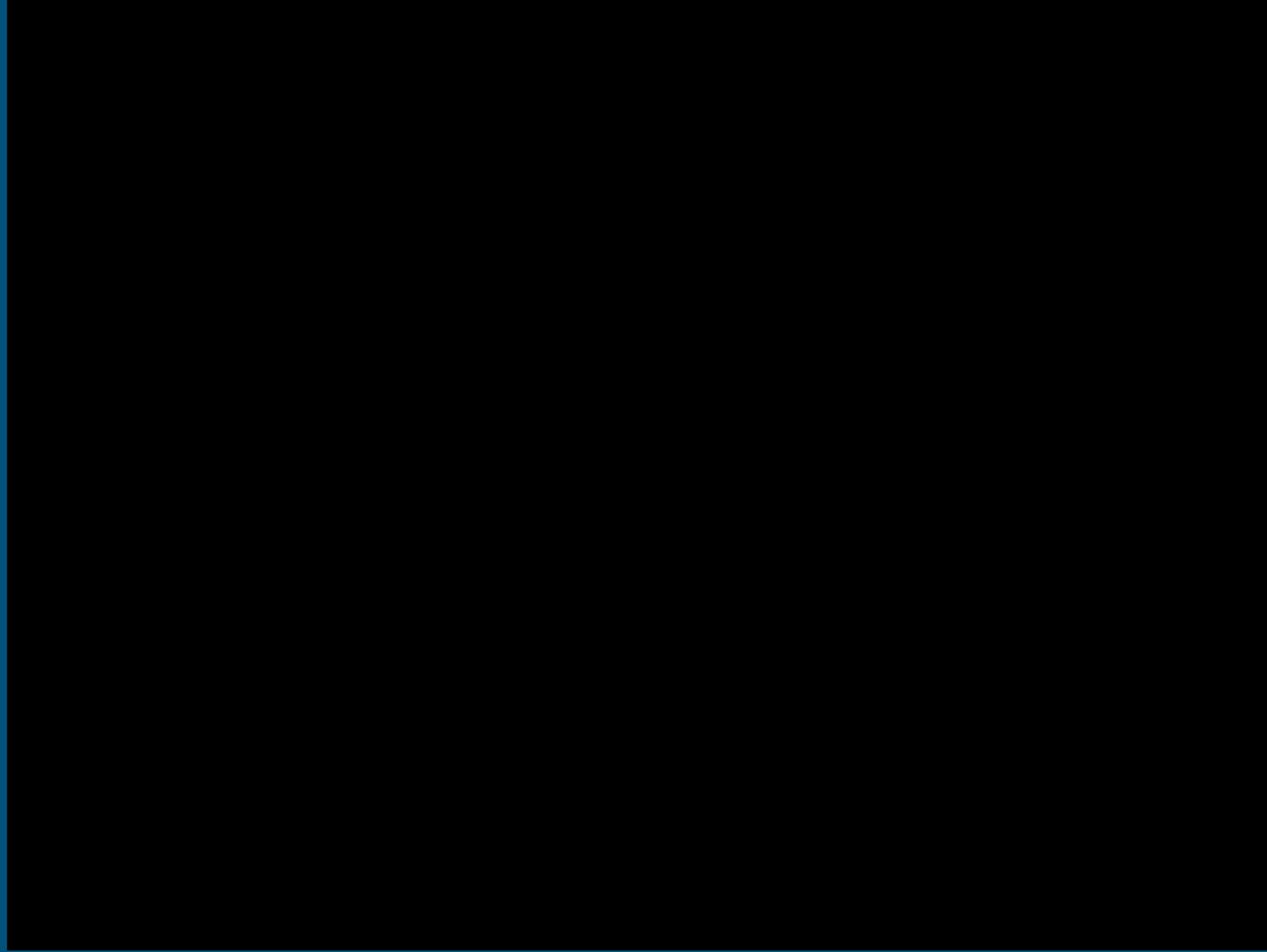


**CNY Drones** 

CENTRAL NEW YORK'S COMMUNITY-BASED ORGANIZATION PROMOTING DRONE-FOCUSED STEM

**Tiny Whoops in class** |

# Outdoor Flying | with the Autel Evo 2 Pro



# 3D Printed Pieces

We 3D printed prop guards for the drones and holders for the gates we made.



Fpv drone with small, lightweight cameras and goggles.

