ROC
VTOL UAS

Unmanned Aerial Solution for Firefighting

- Runway independent
- Certified for civilian airspace
- Long Endurance
- High Resolution Sensors with advanced Analytics

The Pain

The Cost of Wildfires in the United States is estimated between $394 billion to $893 billion each year*

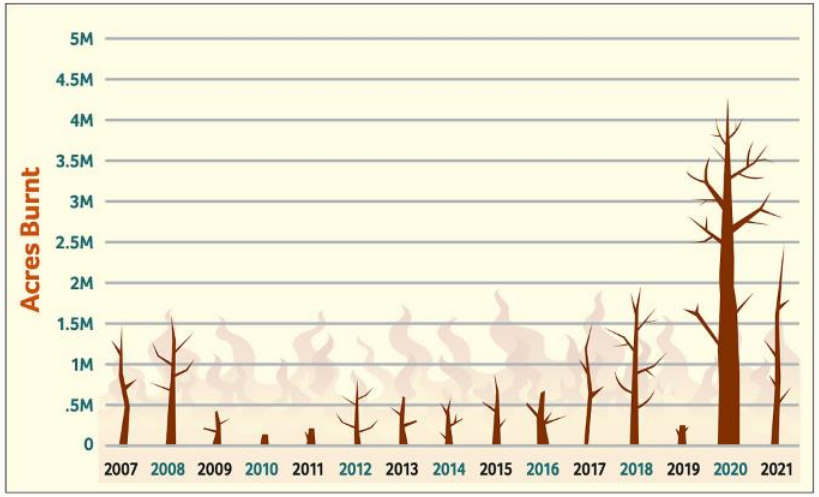
* The range was calculated by combining estimates from the costs related to property damage, direct and indirect deaths and injuries, health impacts from wildfire smoke, income loss, watershed pollution etc.

In California

California's cumulative spending on firefighting efforts and disaster relief over the past decade is estimated to be around $35 billion.

Total cost of wildfires in California between 2017 and 2021 was $117.4 billion.

Acres Burned Annually In California (2007-2021)



Source: CalFIRE Red Books.

The Camp Fire (California)

- Approx. **153,336** acres of burned area
- **89** people perished
- Damage of **16.5b$**
- More than **18,800** destroyed structures
- Heavy **air pollution**
- Long-term **natural damage**

In California in 2024

INCIDENTS PREVENT PREPARE OUR IMPACT WHAT WE DO JOIN US

Search incidents and safety information SEARCH

Home › Incidents › 2024

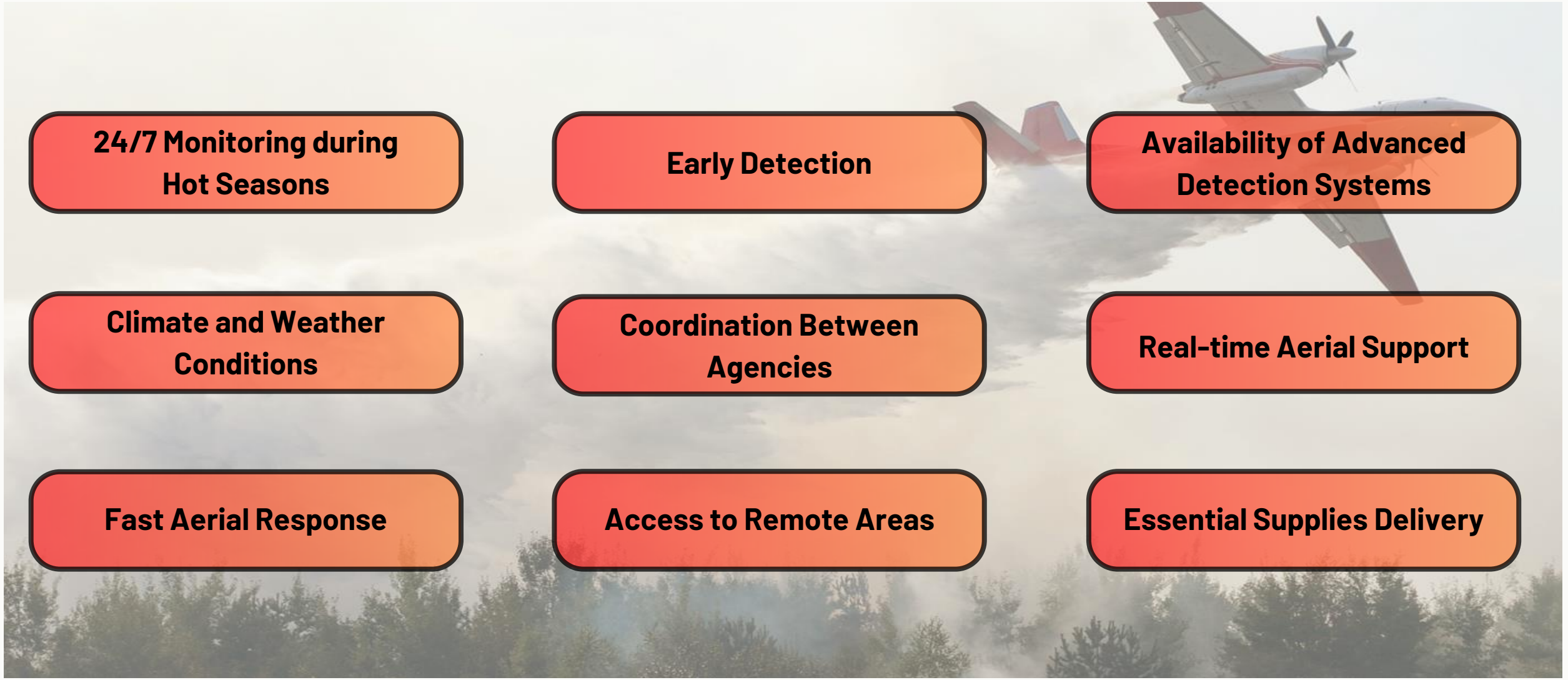
2024 Incident Archive

421,412	6,045	906,013	1	1,248
Total Emergency Responses	**Wildfires**	**Acres Burned**	**Fatalities:** 1 Civilian / 0 Firefighter	**Structures:** 145 Damaged / 1,103 Destroyed

The Smokehouse Creek Fire (Texas)

- Approx. **1,058,482** acres of burned area
- **2** people perished
- Damage of **4,600,570$**
- At least **11,000** people were left without power
- More than **130** houses were destroyed
- Heavy **air pollution**
- Long-term **natural damage**

Firefighting Operational Challenges



- 24/7 Monitoring during Hot Seasons
- Early Detection
- Availability of Advanced Detection Systems
- Climate and Weather Conditions
- Coordination Between Agencies
- Real-time Aerial Support
- Fast Aerial Response
- Access to Remote Areas
- Essential Supplies Delivery

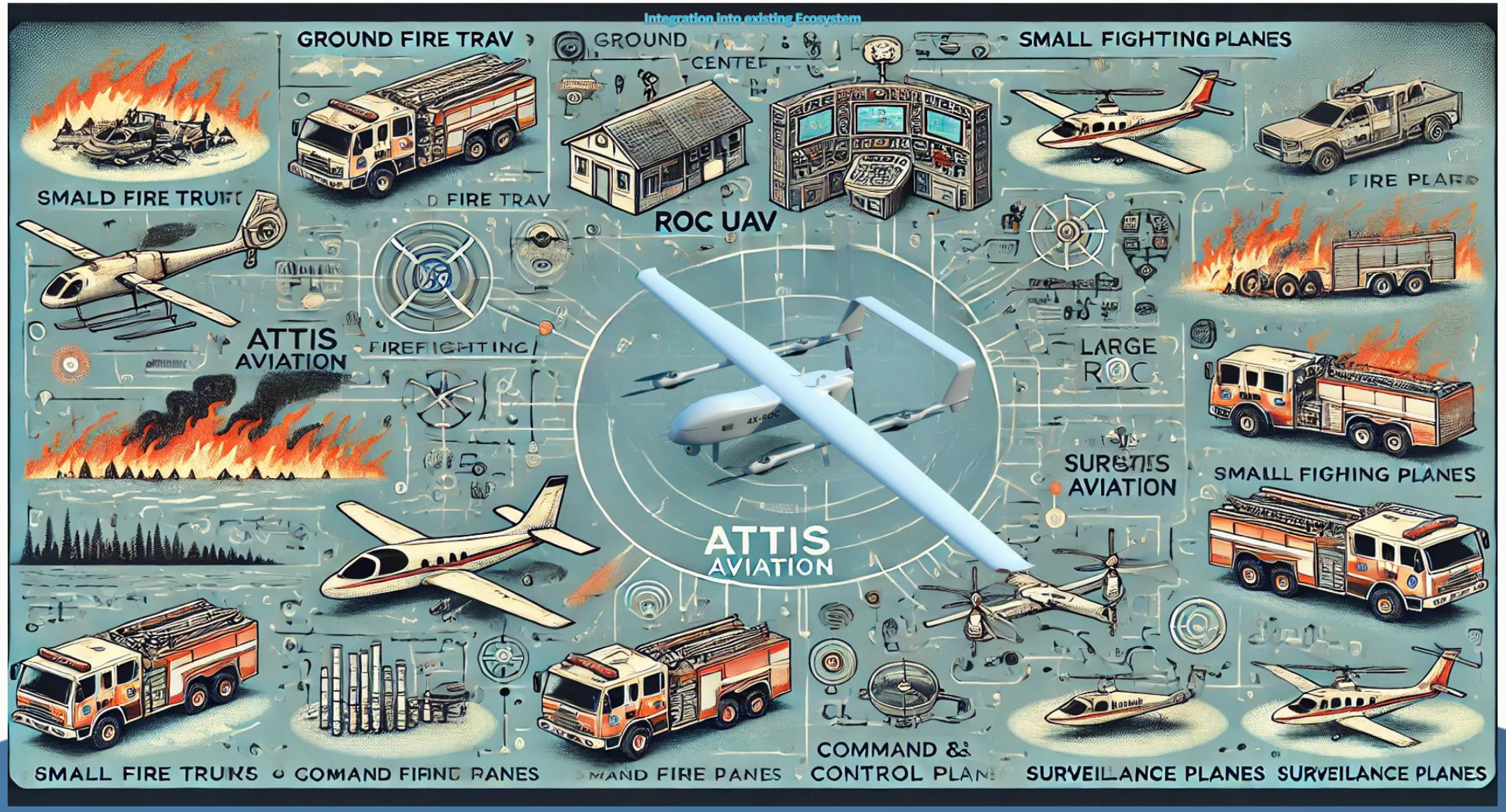
Our Solution

ROC VTOL UAS

- A Certified 150 kg / 330 lbs. VTOL UAV for flight in Civilian airspace
- Up to 40 kg / 90 lbs. of Payload, above 20 hrs. of endurance
- End to end operation by a 2-man crew
- Fast response and availability 24/7
- Integration to existing eco-systems
- Early fire detection, during Day and Night
- Ability to direct forces

Integration of an Unmanned Array

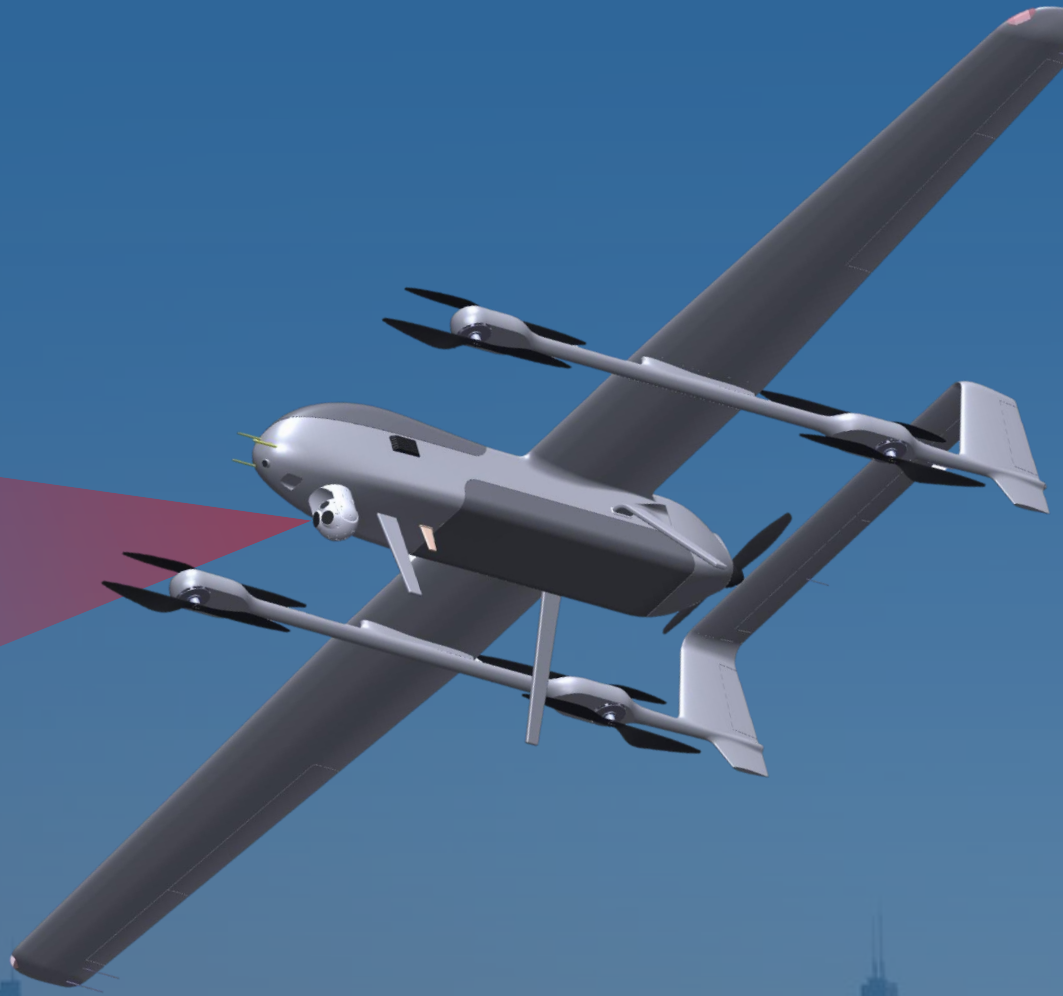
Integration into existing Ecosystem



ROC VTOL UAS

https://www.youtube.com/watch?v=IuPBvVLzndY

ROC
VTOL UAS



Thank You!

Multimodal Drone Delivery Project Update

UAS Taskforce

September 24, 2024

North Central Texas Council of Governments

Project Background

Grant Award

Department of Energy Vehicle Technologies Office Program-Wide Funding Opportunity

- Open topic for project demonstration and deployment
- $708,182 awarded to City of Arlington

Activities

- Pilot program testing and documenting the efficiency and scalability of using drones to serve food to residents in need
- Public education and outreach on the implementation autonomous vehicles and aerial drones
- Reduce greenhouse gas emissions by using autonomous, electric vehicles

Partners

Demonstration #1

September 9th - 13th

Completed 139 scheduled deliveries

Average 27 packages per day

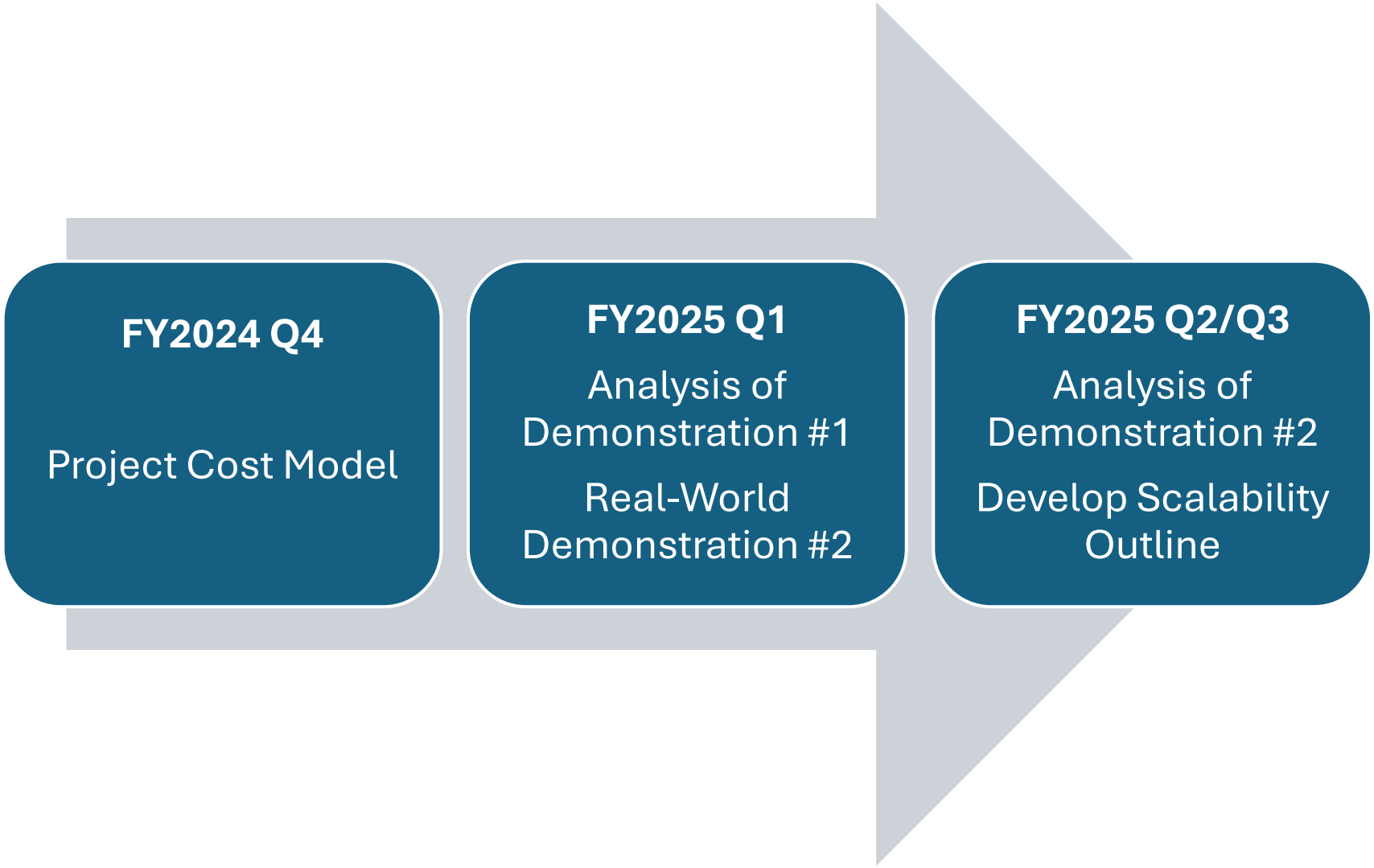
Received 40+ service feedback surveys


Autonomous food delivery
CLEVON


Autonomous food delivery
CLEVON
UTA


Autonomous food delivery
ARLINGTON
CLEVON
TARRANT AREA FOOD BANK
UTA

Project Timeline Update



Contact Us

Ernest Huffman
Program Manager
ehuffman@nctcog.org

Lori Clark
Senior Program Manager
& DFWCC Director
lclark@nctcog.org

Bradley LeCureux
Air Quality Planner
blecureux@nctcog.org

Dallas-Fort Worth CLEAN CITIES

dfwcleancities.org

cleancities@nctcog.org

SOLUTIONS

FOR THE UAS WORKFORCE

flyUSI.org

USI

10 YEARS

SAFETY ELEVATED

PITSCO

EDUCATION

Eliminating Barriers in Aerospace with Drones (20 Min)

ABOUT USI

THE LEADERS IN UAS WORKFORCE DEVELOPMENT SINCE 2014

USI exists to define, promote and support the best practices for UAS operations starting with the industry's current and future workforce through complex applications of UAS operations in any market sector around the globe.

ABOUT PITSCO

POSITIVELY AFFECTING LEARNERS SINCE 1971

PITSCO EDUCATION

More than **160 MILLION** students served since 1992

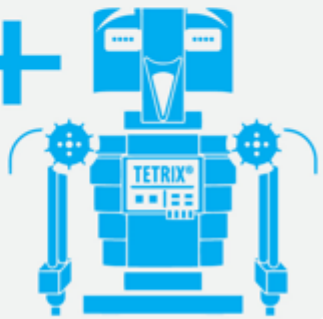
Since 2005, we have provided curriculum professional development for **7,800+** educators.

3 MILLION Currently serving learners with product shipped annually

44% of our customers have been customers since **2000 or before!**

1,016 different careers to explore within our curriculum

3,000+ Products



USI

TRADITIONAL AEROSPACE CAREER FIELDS

"Transportation and Logistics" CTE Cluster

Pilot	Technician	Engineering	Business and Management	Air Traffic Control	Weather	Dispatch
• Part 141 • Part 61	• Part 147 • AET	• 2 & 4 Yr Degrees	• 2 & 4 Yr Degrees	• FAA CTI • 2 & 4 Yr Degrees	• 4 Yr Degrees	• FAA Dispatch

AEROSPACE CAREER FIELD ACCESS

EXPANDED USE OF AEROSPACE ASSETS IN ALL CTE CLUSTERS

EMERGING TECHNOLOGY (DRONES)
FAA Part 107

Agriculture	Arts, A/V Technology	Marketing	Construction	Infrastructure/ Telecomm	Energy (electric, water, gas)	Public Safety	Education & Training	Transportation & Logistics	STEM	Manufacturing	Tourism

Pilot	Technician	Engineering	Business and Management	Air Traffic Control	Weather	Dispatch
• Part 141 • Part 61	• Part 147 • AET	• 2 & 4 Yr Degrees	• 2 & 4 Yr Degrees	• FAA CTI • 2 & 4 Yr Degrees	• 4 Yr Degrees	• FAA Dispatch

AEROSPACE CONTINUUM

ENGAGE STUDENTS EARLIER, WHERE THEIR INTERESTS ARE

USI/PITSCO Partnered Curriculum Offering (Articulation, Dual Enrollment, Concurrent Enrollment Options)

Elementary	Middle School	High School	Technical/Community College	University	Employment & Career
•Design, Build, and Fly	•Fly and Code out of the Box	•USI Part 107 Prep •Optional Primary Certification Track	•Part 107 Prep •Primary Certification Track •Optional Advanced Track	•Part 107 Prep •Primary Certification Track •Advanced Certification Track	•Third party proctored certification-based standardization

USI/PITSCO Partnered Hardware/Software Based Engagement Offering

Elementary	Middle School	High School	Technical/Community College	University	Employment & Career
•Drone Maker Kit	•Drone Maker Kit •Echo Drone	•Echo Drone •Tetrix® •Arduino Student Kit •Zephyr Simulation	•Echo Drone •Tetrix® •Arduino Student Kit •Zephyr Simulation •Commercial Grade Drones	•Echo Drone •Tetrix® •Arduino Student Kit •Zephyr Simulation •Commercial Grade Drones	

BUILDING A WORKFORCE
FOR A COMPLEX INDUSTRY

BASIC OPERATIONS

Consumer electronics,
Lowest air and ground risk,
Requires some skills,
Independent operators

PRIMARY OPERATIONS

Visual Line-of-Sight,
Lower air and ground risk,
Requires psychomotor skills,
Companies operating under
14 CFR Part 107

ADVANCED OPERATIONS

Beyond Visual Line-of-Sight,
Higher ground and air risk,
Programmed flight paths,
14 CFR Part 135 operations

PROFESSIONAL CERTIFICATION

STANDARDS BASED WORKFORCE DEVELOPMENT

- Meets and exceeds the Airman Certification Standard for aeronautical knowledge
- Meets the National Institutes of Standards and Technology standard for aerial imagery acquisition
- Meets ASTM International standard for training Remote Pilot in Command of Unmanned Aircraft Systems
- From the beginning, USI has partnered with aviation insurance underwriters to promote best practices in safety. Currently, USI is a proud member of USAIG's Performance Vector program.

PRIMARY PATHWAY

THIRD PARTY VALIDATED COMPETENCY

Entry Level Certification

REMOTE PILOT CERTIFICATE

Aeronautics
- ▷ Aviation Regulations
- ▷ Weather
- ▷ Airspace
- ▷ Airport Operations
- ▷ Reliability
- ▷ Performance

Knowledge-Based Industry Certifications

Systems Architecture
- ▷ Air Vehicles
- ▷ Aerodynamics
- ▷ Performance
- ▷ Data Links
- ▷ Control Stations
- ▷ Payloads

sUAS Maintenance
- ▷ MX Programs
- ▷ Cycles & Checklists
- ▷ Inventory & Tools
- ▷ General MX Actions
- ▷ Electronics & Firmware
- ▷ Calibration & Testing

Mission Planning
- ▷ Area Assessments
- ▷ Site Surveys
- ▷ Transportation
- ▷ Decision Making
- ▷ Professionalism
- ▷ Record Keeping

Skill-Based Certification

Flight Training
- ▷ System Orientation
- ▷ Planning
- ▷ Servicing
- ▷ Procedures
- ▷ Flight Path Management
- ▷ Emergencies

Professional Designation

ADVANCED PATHWAY

FLYING BEYOND LINE OF SIGHT

Entry Level Certification

REMOTE PILOT CERTIFICATE

Aeronautics
- ▷ Aviation Regulations
- ▷ Weather
- ▷ Airspace
- ▷ Airport Operations
- ▷ Reliability
- ▷ Performance

Primary Knowledge-Based Industry Certifications

USI CERTIFIED LEVEL 1 sUAS SAFETY

Systems Architecture
- ▷ Air Vehicles
- ▷ Aerodynamics
- ▷ Performance
- ▷ Data Links
- ▷ Control Stations
- ▷ Payloads

USI CERTIFIED LEVEL 2 sUAS SAFETY

Maintenance
- ▷ MX Programs
- ▷ Cycles & Checklists
- ▷ Inventory &Tools
- ▷ General MX Actions
- ▷ Electronics & Firmware
- ▷ Calibration & Testing

USI CERTIFIED GROUND VLOS SYSTEM OPERATIONS

Mission Planning
- ▷ Area Assessments
- ▷ Site Surveys
- ▷ Transportation
- ▷ Decision Making
- ▷ Professionalism
- ▷ Record Keeping

Advanced Knowledge-Based Industry Certifications

USI CERTIFIED LEVEL 1 ADVANCED UNMANNED SAFETY

Human Factors
- ▷ Crew Functions
- ▷ Training
- ▷ Human Factors
- ▷ Machine Interaction
- ▷ CRM & TEM
- ▷ Decision Making

USI CERTIFIED LEVEL 2 ADVANCED UNMANNED SAFETY

Safety Management
- ▷ Accident Causation
- ▷ Safety Policy
- ▷ Risk Management
- ▷ Quality & Assurance
- ▷ Promotion
- ▷ Safety Culture

USI CERTIFIED GROUND ADVANCED UNMANNED SYSTEM OPERATIONS

Advanced Planning
- ▷ Data Link Planning
- ▷ Risk Mitigation
- ▷ Waypoint Navigation
- ▷ Guidance & Control
- ▷ Ground Safety
- ▷ System Performance

Skill-Based Certification

USI CERTIFIED FLIGHT ADVANCED UNMANNED SYSTEM OPERATIONS

Advanced Operations
- ▷ Advanced Systems
- ▷ Data Links
- ▷ Detect & Avoid
- ▷ Guidance & Control
- ▷ Ground Safety
- ▷ Traffic Awareness

Professional Designation

PROFESSIONAL REMOTE OPERATOR USI ADVANCED

FLIGHT INSTRUCTOR

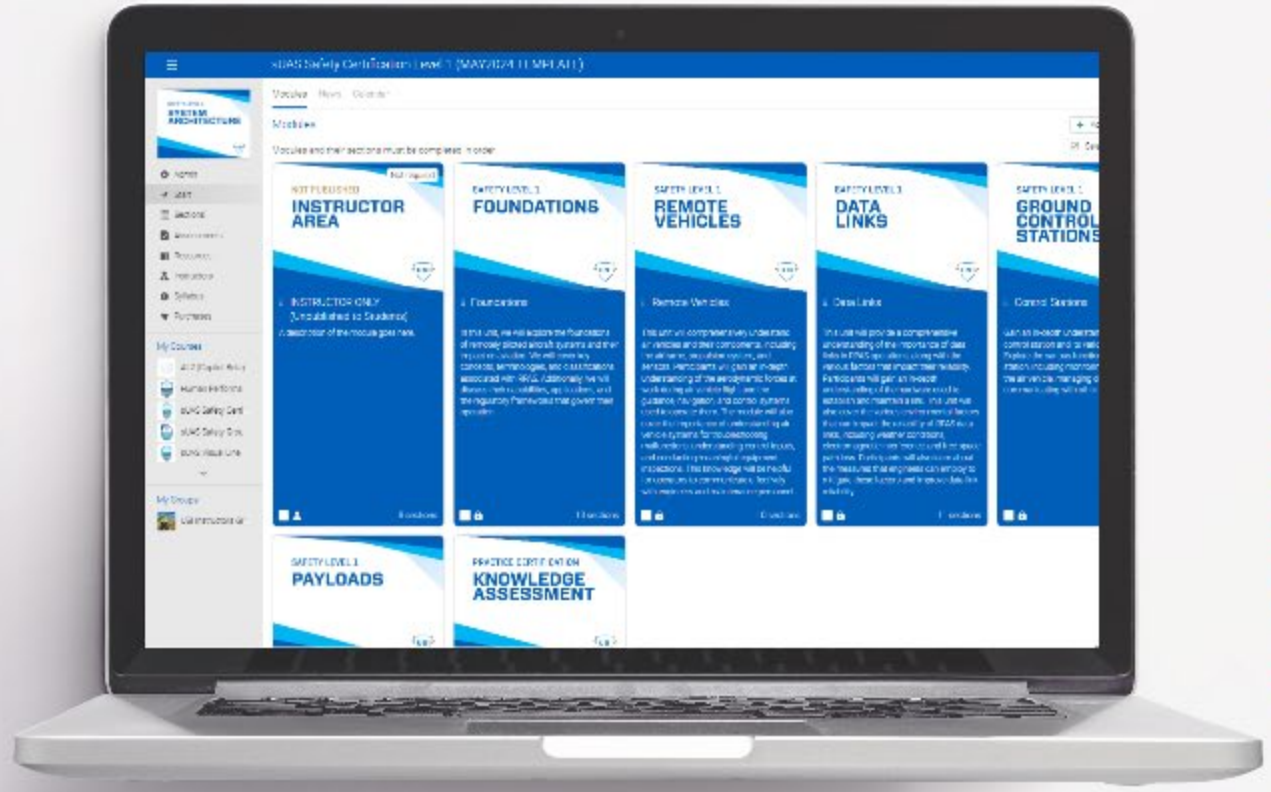
USI

ADDENDUMS

Product Alignment Detail and Delivery

- USI Delivery Options
  - Authorized Training Provider through Train the Trainer
  - UAS Center of Excellence with USI Staff Member Onsite
  - USI Virtual Instruction
- USI/Pitsco Program Packages
- USI Train the Trainer
  - Primary Instructor
  - Advanced Instructor
- Pitsco Drone Products

MULTIPLE DELIVERY OPTIONS
TO SERVE YOUR NEEDS



SELF DIRECTED CUSTOMER LED TAUGHT BY USI

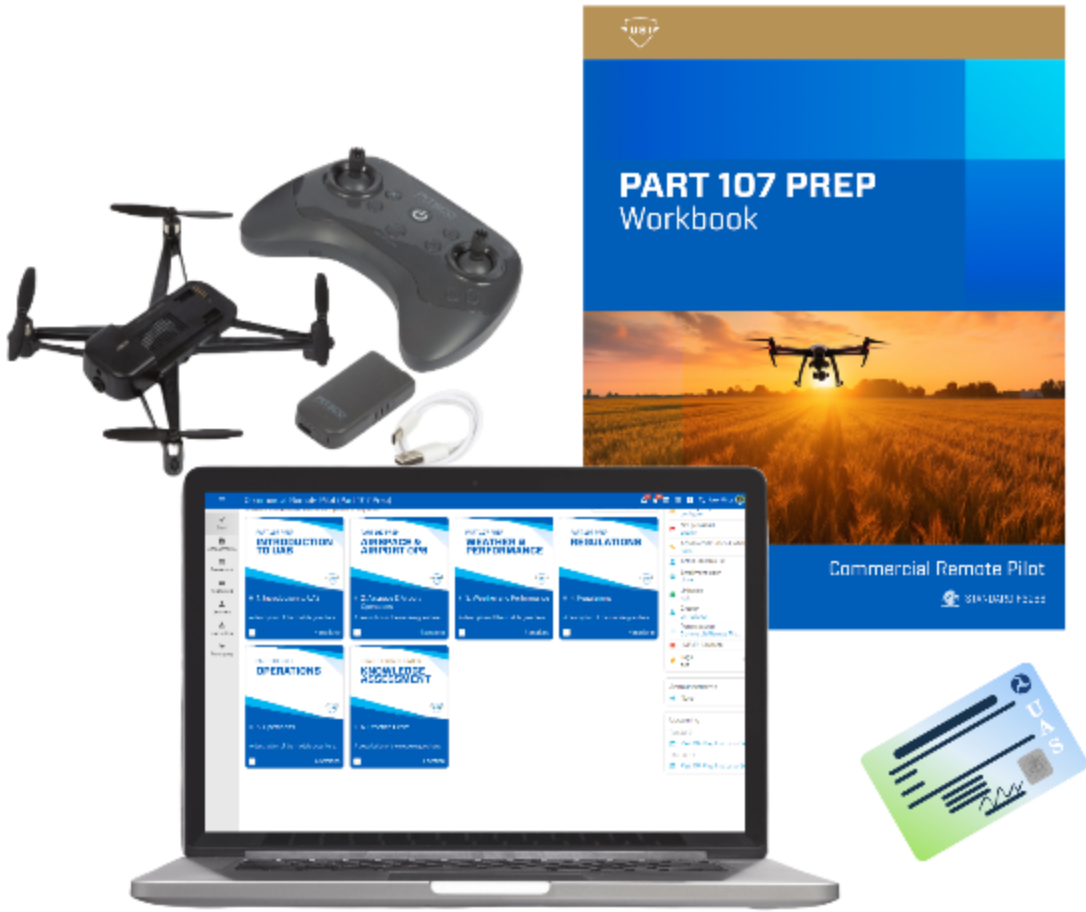
OUR COURSES

- ORIGINAL BODY OF KNOWLEDGE
- WORKBOOKS (PHYSICAL OR DIGITAL)
- PRESENTATIONS COVERING KEY CONCEPTS
- ELABORATION EXERCISES TO ENGAGE LEARNERS
- MULTIPLE ASSESSMENTS
- DEDICATED CUSTOMER SUCCESS TEAM

PACKAGE A

REMOTE PILOT PREPARATION

- Option 1: Digital access to the online course with videos, elaboration exercises, and practice questions.
- Option 2: Physical workbook for each student and digital access to the online course with videos, elaboration exercises, and practice questions. This option includes Zephyr Simulation with a physical handheld controller and simulation exercises.
- Option 3 (depicted): PITSCO Echo Indoor Drones with curriculum guide, physical workbooks for each student, and digital access to the online course with videos, elaboration exercises, and practice questions.



PACKAGE B

SYSTEMS & TECHNOLOGY

- Option 1: Online course with videos, elaboration exercises, practice questions, and a third-party proctored certification exam.
- Option 2: Course with a physical workbook and digital access to the online course with videos, elaboration exercises, practice questions, and a third-party proctored certification exam. This option includes Zephyr Simulation with a physical handheld controller and simulation exercises.
- Option 3 (depicted): Curriculum guide, PITSCO Tetrix® Robotics Kit with curriculum guide, two physical workbooks for each student, and digital access to the online course with videos, elaboration exercises, assessments, and a third-party proctored certification exam.

PACKAGE C

MAINTENANCE TECHNICIAN

- Option 1: Three online courses with videos, elaboration exercises, practice questions, and third-party proctored certification exams.
- Option 2: Three courses with physical workbooks and digital access to the online courses with videos, elaboration exercises, practice questions, and third-party proctored certification exams. This option includes Zephyr Simulation with a physical handheld controller and simulation exercises.
- Option 3 (depicted): PITSCO Echo Indoor Drones with curriculum guide, PITSCO Tetrix® Robotics Kit with curriculum guide, Arduino Student Kit for each student, three physical workbooks for each student, and digital access to the online courses with videos, elaboration exercises, assessments, and third-party proctored certification exams.

PACKAGE D

PROFESSIONAL REMOTE OPERATOR

- Option 1: Four online courses with videos, elaboration exercises, practice questions, and third-party proctored certification exams, as well as a digital flight record for each student. Instructors will receive training and a Training Course Outline to enable quality training at their school. Schools must also purchase outdoor UAS that meet the training requirements and the supplies to run a flight line safely.
- Option 2: Four online courses with physical workbooks and digital access to the content with videos, elaboration exercises, practice questions, and third-party proctored certification exams. This option includes Zephyr Simulation with a physical handheld controller and simulation exercises. Instructors will receive training and a Training Course Outline to enable quality training at their school. Schools must also purchase outdoor UAS that meet the training requirements and the supplies to run a flight line safely.
- Option 3 (depicted): Outdoor Drones, NIST Buckets, Safety Kit, PITSCO Echo Indoor Drones with curriculum guide, PITSCO Tetrix® Robotics Kit with curriculum guide, Arduino Student Kits for each student, four physical workbooks for each student, and digital access to the online courses with videos, elaboration exercises, assessments, and third-party proctored certification exams.

TEACHER PROFESSIONAL DEVELOPMENT

PACKAGE D

Teachers will be enrolled in the Online **Professional Remote Operator Pathway**, A USI virtual instructor presents on difficult topics weekly and is available to answer all questions.

Once teachers have completed the online content and passed the proctored exams, they will move to the **in-person flight line**. Teachers can expect to spend 3 days learning to fly and administer the training course outline.

Upon completing the entire pathway, the teacher will be designated as a **USI Certified Flight Instructor**.

The USI Flight Instructor Certification requires standardization, which occurs on a biennial basis at USI.

TEACHER PROFESSIONAL DEVELOPMENT

ALL OTHER PACKAGES

Teachers will be enrolled in online versions of the classes they will teach.

Upon completing each course, the teacher will be required to pass a **proctored certification exam** (not required for Package A).

Teachers will also be enrolled in **USI's educator course**, which is designed to familiarize them with our Learning Management System and provides access to **quarterly live educator info sessions**.

Both sUAS Safety Level 1 Certification and sUAS Safety Level 2 Certification requires re-certification every two years, which is completed online via the USI Learning Management System.

Industry Accepted Qualifications

	BASIC	PRIMARY	ADVANCED
QUALIFIERS: Operational & System Complexity	Civil Aviation Authority Minimum	VLOS OPERATIONS Aircraft <20 lbs Lower Risk Operations Some Manual Control	BVLOS OPERATIONS Aircraft >20 lbs Higher Risk Operations Higher Levels of Automation
AVAILABLE CERTIFICATION PREP COURSES	**Commercial Remote Pilot Course**	**UAS Technology Course** **UAS Maintenance Course** **UAS Mission Planning Course** **UAS Flight Operations Course**	**Human Factors in UAS Course** **UAS Safety Management Course** **Advanced Mission Planning Course** **Advanced UAS Flight Operations Course**
INDUSTRY SAFETY CERTIFICATIONS (DIGITAL BADGES)	None		
PROFESSIONAL DESIGNATIONS (DIGITAL BADGES)			

PITSCO EDUCATION

DRONES IN THE CLASSROOM AND BEYOND

DRONE ZONE

ENGAGING
Using drones opens up a new set of opportunities to make learning more relevant and engaging for students.

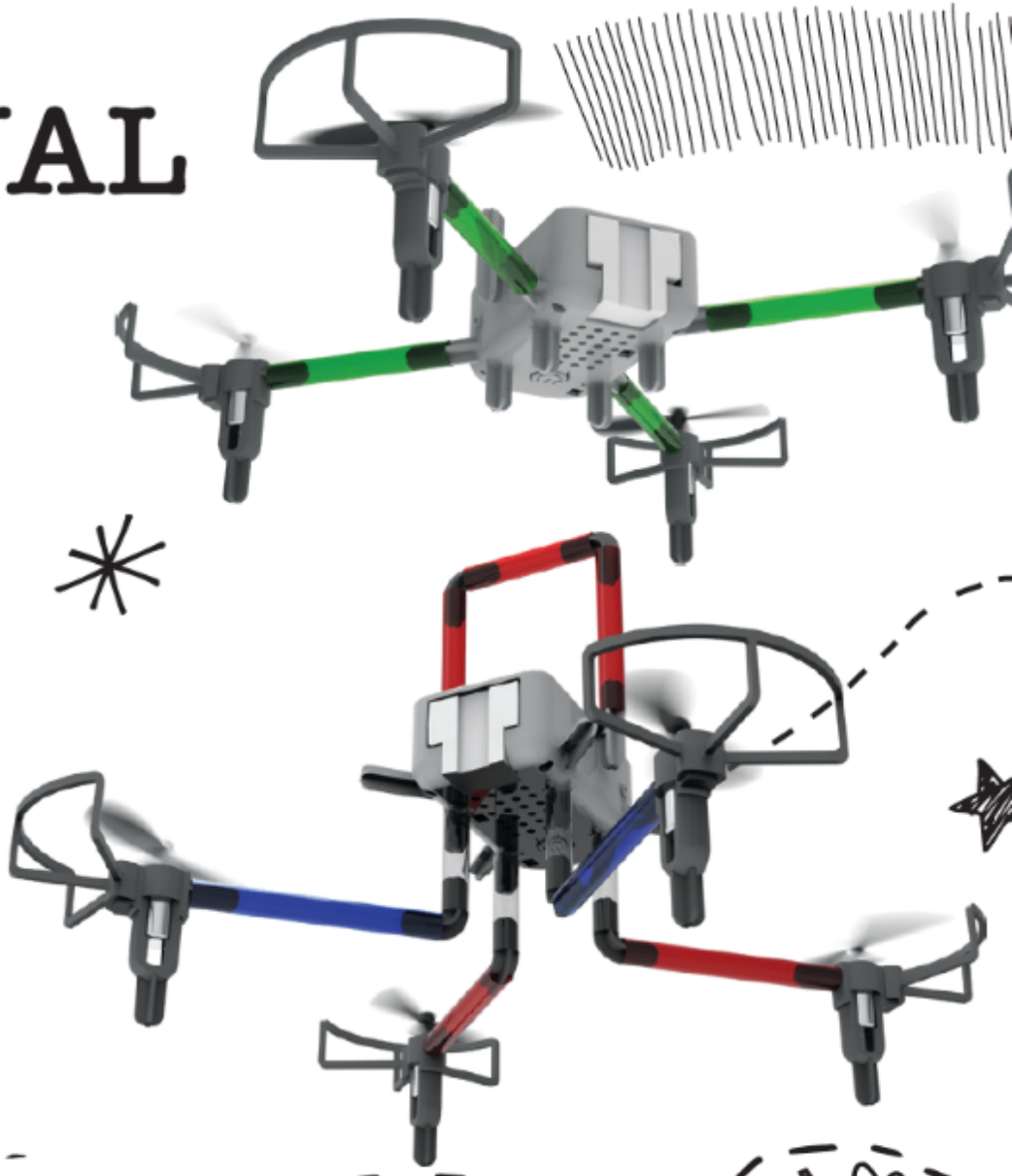
CAREER CONNECTIONS
There are many direct correlations to jobs with drones whether it be in aviation, agriculture, construction, entertainment, oil and gas, or military.

EMPLOYABILITY SKILLS
Drone flight exposes students to programming, nomenclature, and flight patterns – even communication, collaboration, and critical thinking – all vital technical and soft skills employers seek in today's world.

DRONES AND NATIONAL CAREER CLUSTERS

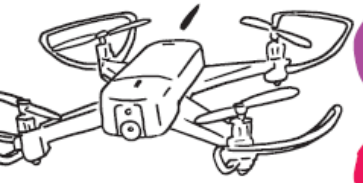
National Career Clusters

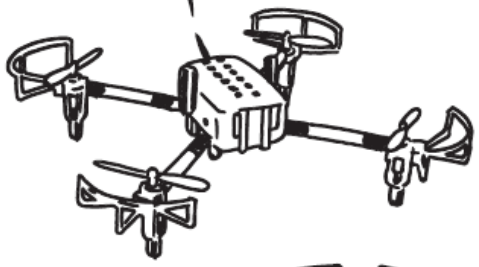
Agriculture	✔	Hospitality & Tourism	✔
Architecture & Construction	✔	Human Services	
Arts, A/V Tech, & Communication	✔	Information Technology	✔
Business Management & Admin	✔	Law, Public Safety, & Security	✔
Education & Training	✔	Manufacturing	✔
Finance		Marketing	✔
Government & Public Admin	✔	Science, Tech, Engineering, & Math	✔
Health Science		Transportation, Distribution, & Logistics	✔



REAL-WORLD DRONE CAREERS

- PHOTOGRAPHY & ENTERTAINMENT
- MAPPING
- TRANSPORTATION & DELIVERY
- HEALTH CARE
- SURVEYING & TRACKING
- SEARCH & RESCUE
- AGRICULTURE
- FORESTRY
- RESEARCH & ANALYSIS
- THEATER CHOREOGRAPHY
- JOURNALISM
- LOGISTICS
- CONSTRUCTION & INSPECTION
- POLICE & MILITARY
- REAL ESTATE
- MINING





OUR GOAL

To make it easy for teachers to bring hands-on STEM into the classroom and to arm students with the transferable, future-ready skills that will last a lifetime. The result: Learners who are college, career, and citizen ready.

COLLEGE READY

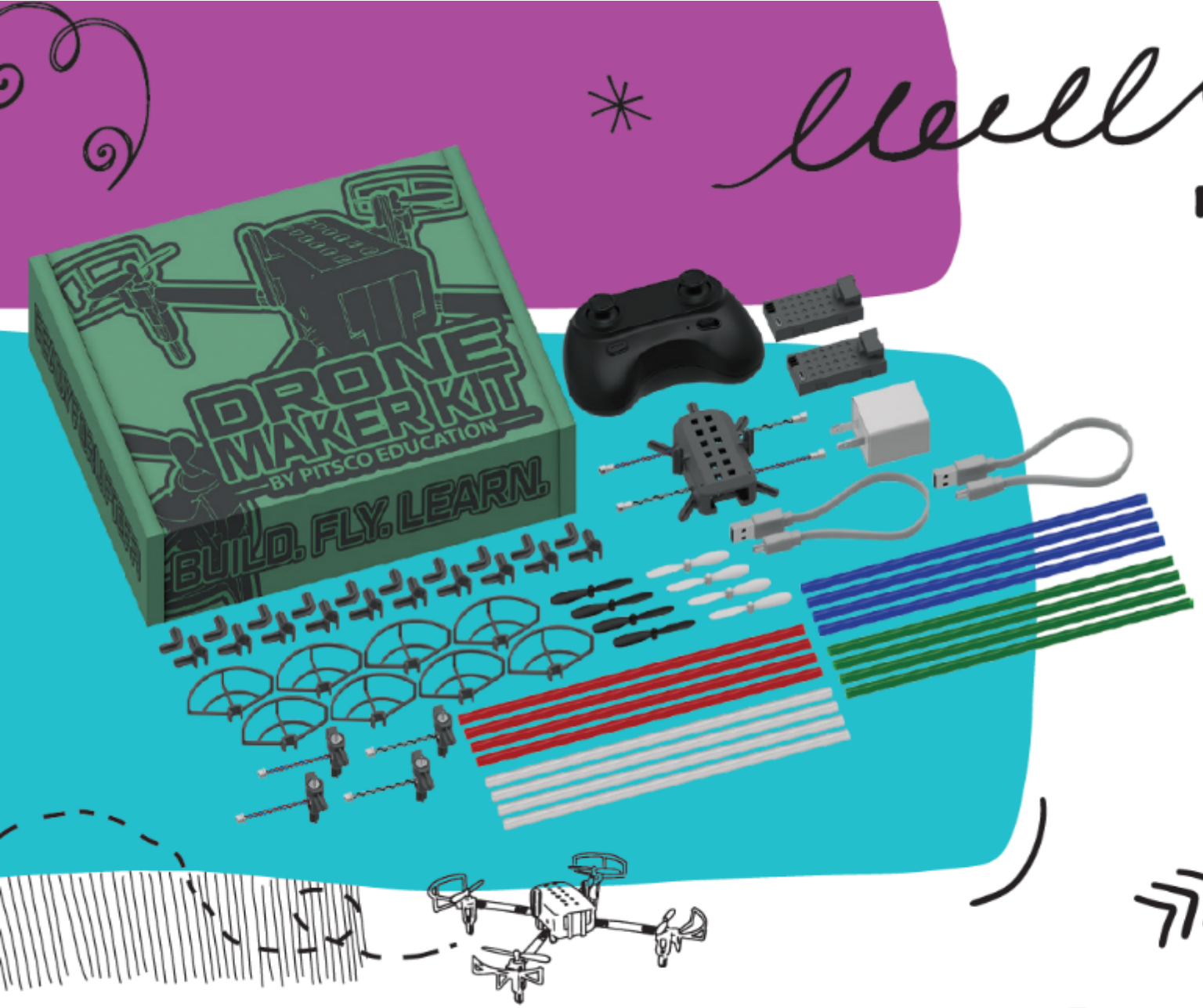
CAREER READY

CITIZEN READY

DESIGN, BUILD, AND FLY

GRADES 3-8

- Work through the engineering design process to customize your own drone using the Drone Maker Kit.
- Teach the basics of engineering and aviation through drone flight.
- Great for classrooms, clubs, after school, STEAM nights, at home, or just for fun!



THE DRONE

- Arrives with the components shown
- <100 grams
- No device required to fly
- Reusable – assemble and disassemble as many times as you want
- Refill components available for purchase
- Section 889 compliant
  - No camera, no data transfer
  - Available for purchase using funding
  - Tier 1 drone in Florida

THE CURRICULUM

Drone Maker User Guide

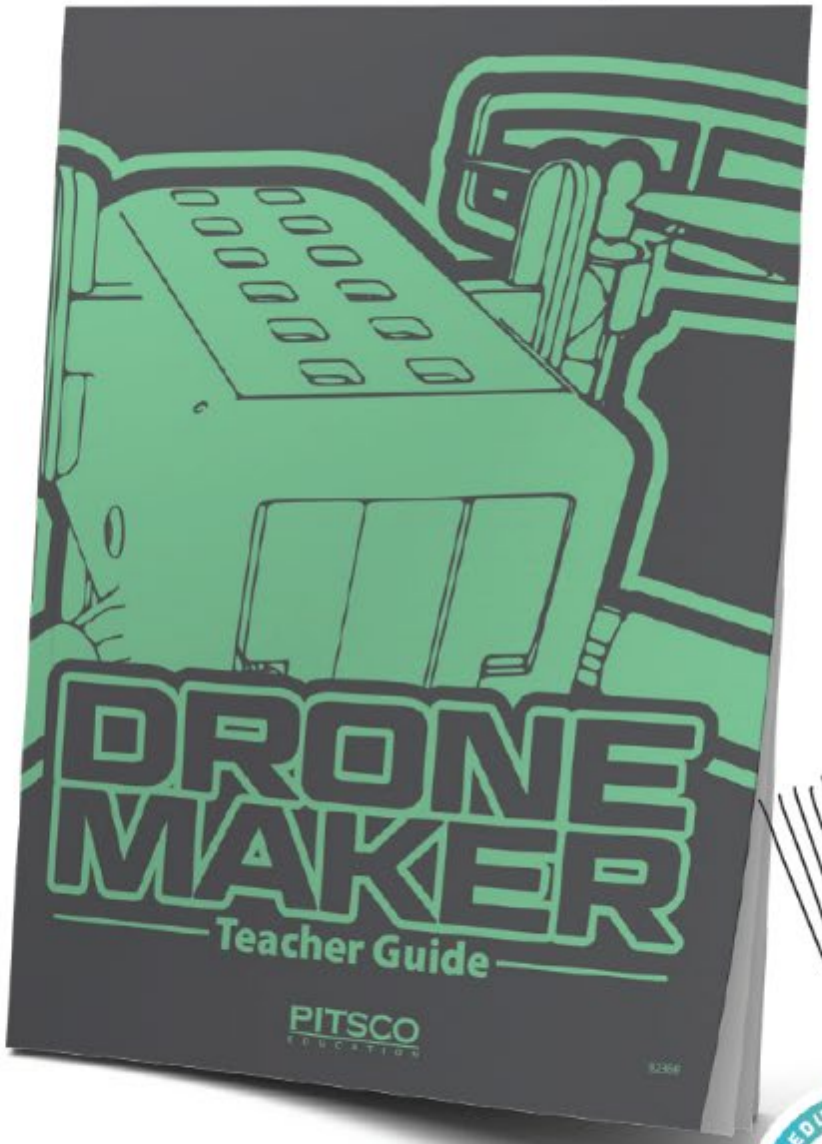
- Walks through assembly methods
- Teaches basics of drone flight
- Introduces essential aviation vocabulary
- Provides beginner flight activity and engineering extensions
- Is included in kit and available for free download

EDUCATORS PICK
BEST OF STEM
WINNER 2023

THE CURRICULUM

Drone Maker Teacher Guide

- Aligned to NGSS engineering design standards
- Contains:
  - Teacher-friendly introduction to drones
  - Troubleshooting and getting started tips
  - Reproducible student pages
- Teaches FAA Part 107 regulations
- Implements principles and vocabulary of flight
- Offers career connections
- Provides flight activities and challenges



EDUCATORS PICK
BEST OF STEM
WINNER 2023

FLY AND CODE OUT OF THE BOX

GRADES 6+

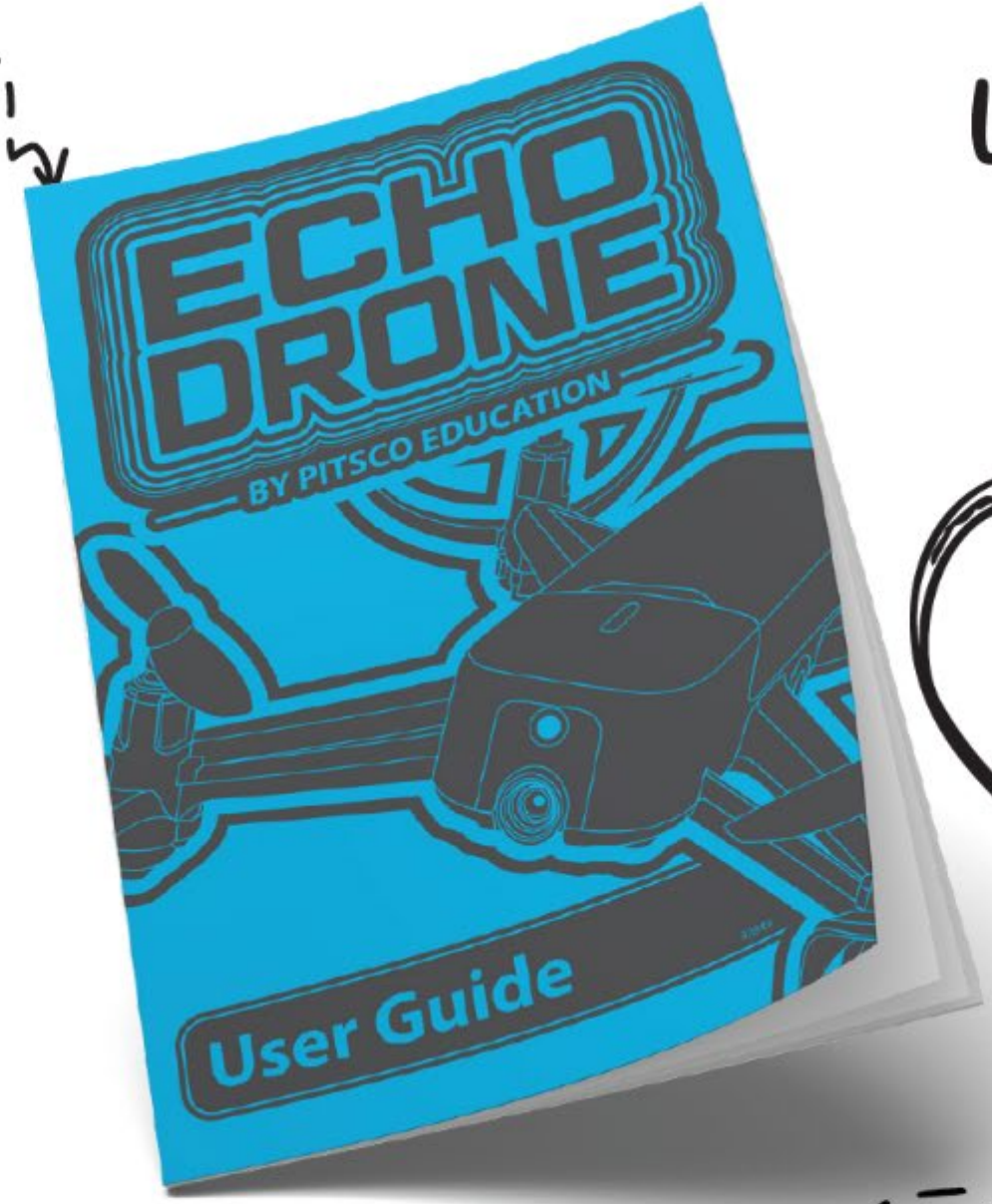
- Echo Drone
- 10-minute flight time
- Weight: 85 g
- Requires 2 AAA batteries for controller
- App not required for flight

IN THE BOX

- Quick-start card
- Drone body
- R/C controller
- Battery
- Props
- Prop guards
- Phone bracket
- Charging (USB) cord

THE USER GUIDE

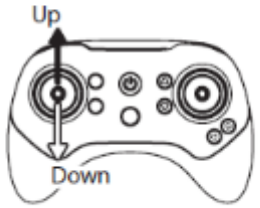
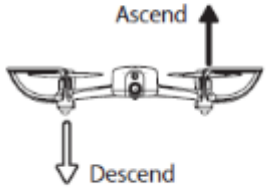
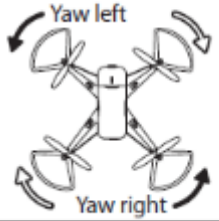
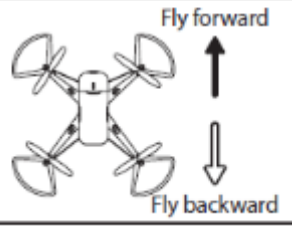
- Read the guide online: Pitsco.com/Echo-Drone
- QR code on box and quick-start card
- Contains:
  - Safety info
  - How to fly
  - How to code
  - Troubleshooting notes

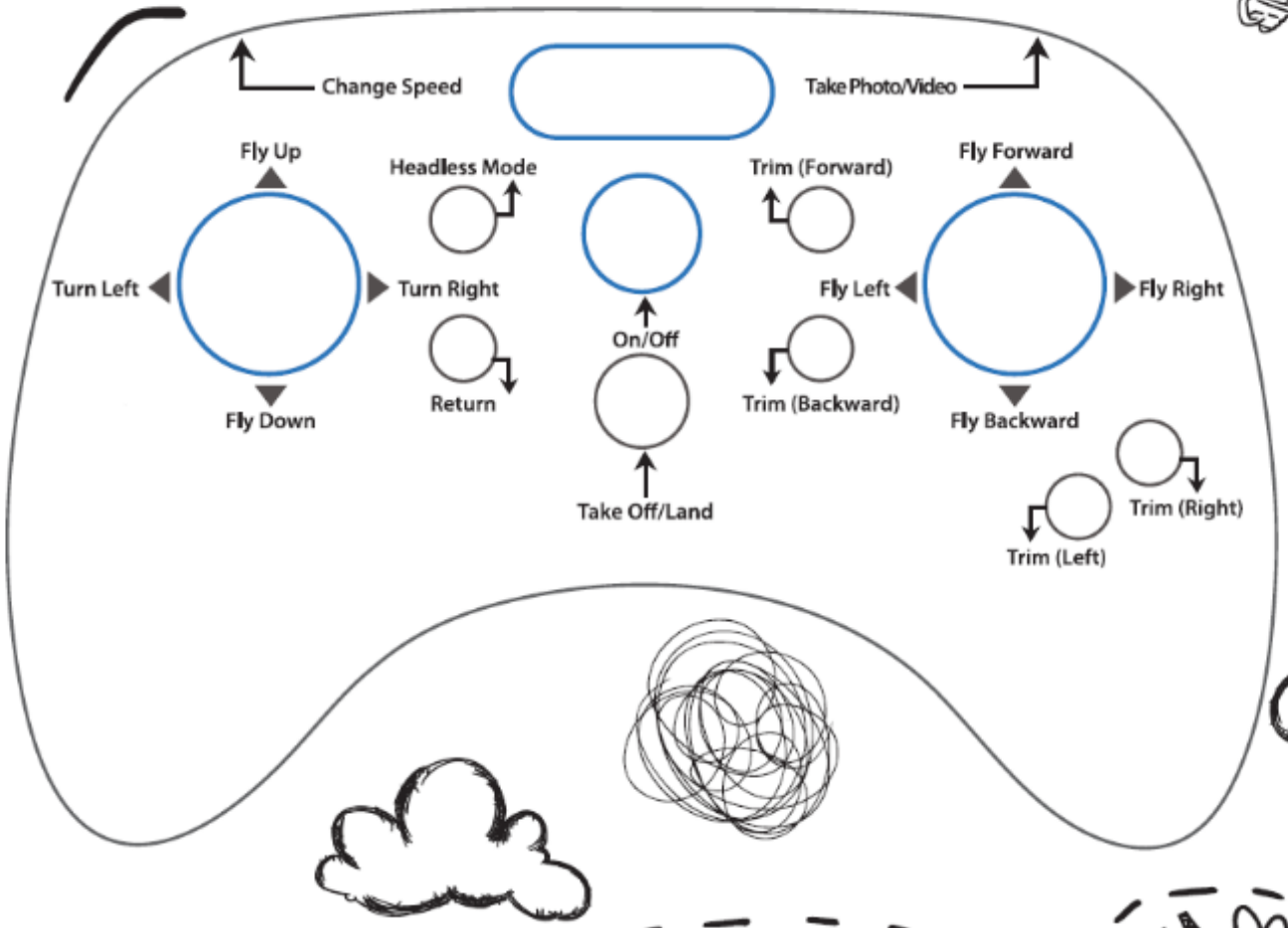


OPERATING THE CONTROLLER

DRONE FLIGHT AT A GLANCE

Before you fly the drone, familiarize yourself with the controller.

		Push the left joystick up for the drone to fly up. Push it down for the drone to fly down.
		Push the left joystick left to turn the drone left. Push it right to turn the drone right.
		Push the right joystick up to make the drone fly forward. Push it down to make the drone fly backward.
		Push the right joystick left to fly the drone left. Push it right to fly the drone right.



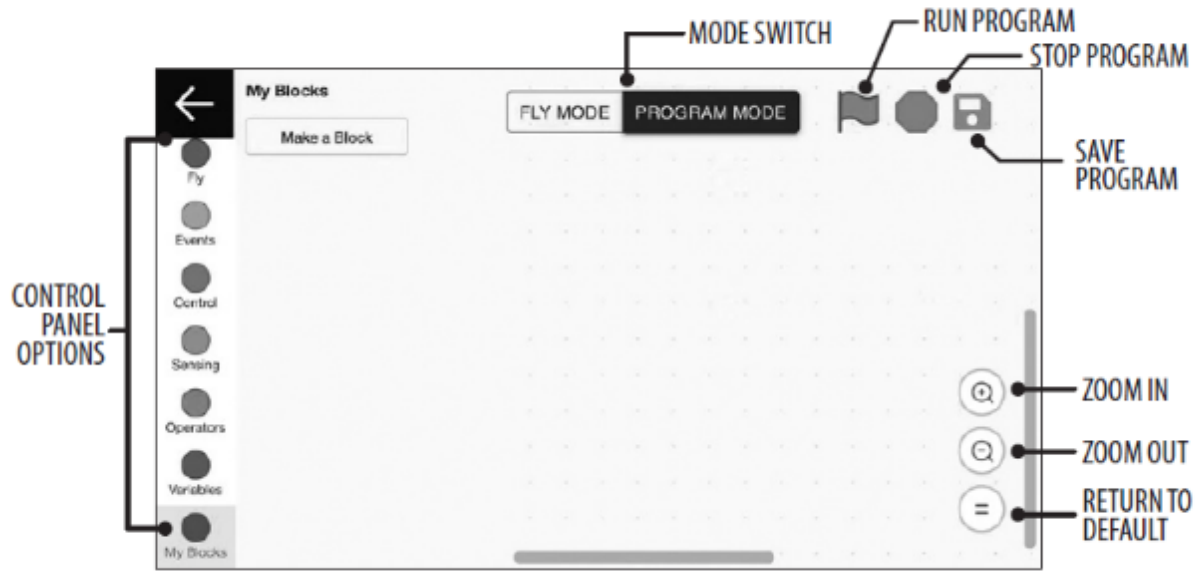
USING THE APP

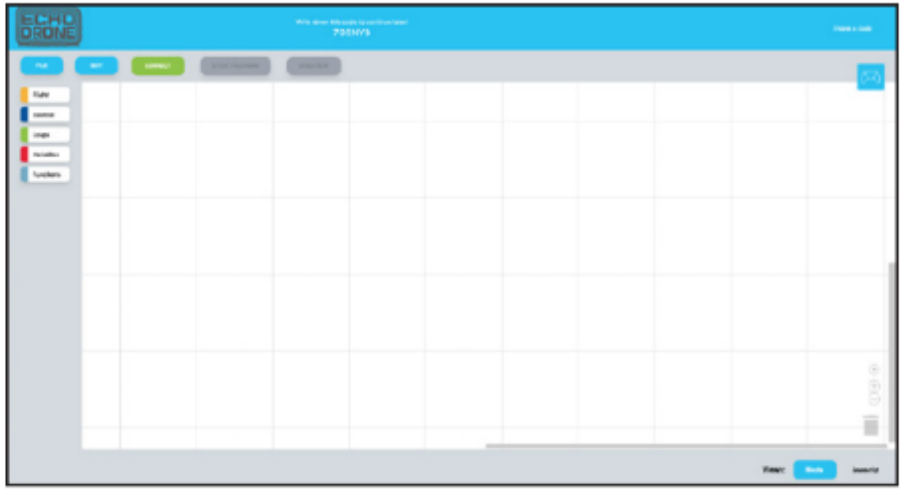
Smartphone options for download

- Access via Pitsco.com/Echo-Drone
- Block-based coding

Browser option

- No download required
- Block-based or Javascript views





FEDERAL AVIATION ADMINSTRATION'S

CENTER FOR ADVANCED AVIATION TECHNOLOGIES

NORTH TEXAS AVIATION PROGRAM
UNMANNED

Image credit: GETTY

BACKGROUND

As one of the authors of the FAA Reauthorization Act of 2024, Senator Ted Cruz championed a provision authorizing the creation of a Center for Advanced Aviation Technologies

Center for Advanced Aviation Technologies Legislation Sec. 961 of the FAA Reauthorization Act of 2024

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ESTABLISHMENT PLAN

08 / 14 / 2024 dates 90 days after enactment to when the FAA Administrator is required to develop a plan to establish the center

Goal to support new and emerging aviation technologies, including:

- **Advanced Air Mobility (AAM) and**
- **Powered-lift Aircraft**

CONSULT

Advanced Air Mobility Working Group

&

Interagency Working Groups

ROLES & RESPONSIBLITIES

The center will develop airspace laboratories and flight demonstration zones to facilitate the safe integration of AAM aircraft into the national airspace system

Establishment of testing corridors to validate air traffic requirements for AAM operations

Partnerships will be promoted between industry, academia, and government for technology development.

Identifying and supporting the advancement of new aviation technologies, including powered-lift aircraft

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LOCATION CRITERIA

1. a large commercial airport or large air logistics center
2. aviation manufacturing with expertise in advanced aviation technologies
3. existing FAA facilities or offices
4. airspace utilized for advanced aviation technology testing
5. proximity to both rural and urban communities
6. State, local, or Tribal governments
7. programs to support public-private partnerships
8. academic institutions that offer programs relating to advanced aviation technologies engineering

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FUNDING / TIMELINE

INTERACTION WITH OTHER AGENGIES

Leverage the research and testing capacity and capabilities of the **Center of Excellence for Unmanned Aircraft Systems** and, the **unmanned aircraft test ranges**

NORTH TEXAS AVIATION PROGRAM
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WHY DALLAS-FORT WORTH?

Senator Cruz hosted an Advanced Aviation Roundtable on 08/30/2024 to discuss why the Center should be in the Dallas-Fort Worth region

PARTCIPANTS INCLUDED:

- Wisk Aero
- Lilium
- Archer Aviation
- Joby Aviation
- DroneUp
- Amazon
- Southwest Airlines
- Venus Aerospace
- Vertical Aviation Intl.
- Wing Aviation
- Ferrovial Vertiports
- Autonomy Research Institute at Texas A&M University-Corpus Christi

- DFW Airport, Dallas Love Field, and Perot Field- Fort Worth Alliance Airport
- Bell / Airbus / Lockheed Martin / L3Harris
- FAA Southwest Regional Office
- DFW Airport / Arlington Municipal Airport partnerships with eVTOL manufacturer
- FAA UTM Key Site
- Controlled and uncontrolled airspace
- Ease of access/corridor planning to Choctaw Nation
- NCTCOG UAS Safety and Integration Task Force
- NCTCOG Air Transportation Advisory Committee
- NCTCOG Public Safety Unmanned Response Team
- North Texas Aerial Robotics Initiative
- University of North Texas, University of Texas at Arlington, Dallas College, Tarrant County College
- AllianceTexas Mobility Innovation Zone
- Dallas Inland Port
- Mineral Wells Innovation Zone
- City of Fort Worth Autonomous Vehicle Weather DOT SMART Grant
- NASA National Campaign #2 - AAM Flight Testing Corridor