FMC
Fire Management Consultant International
Saving Lives One Student at a Time

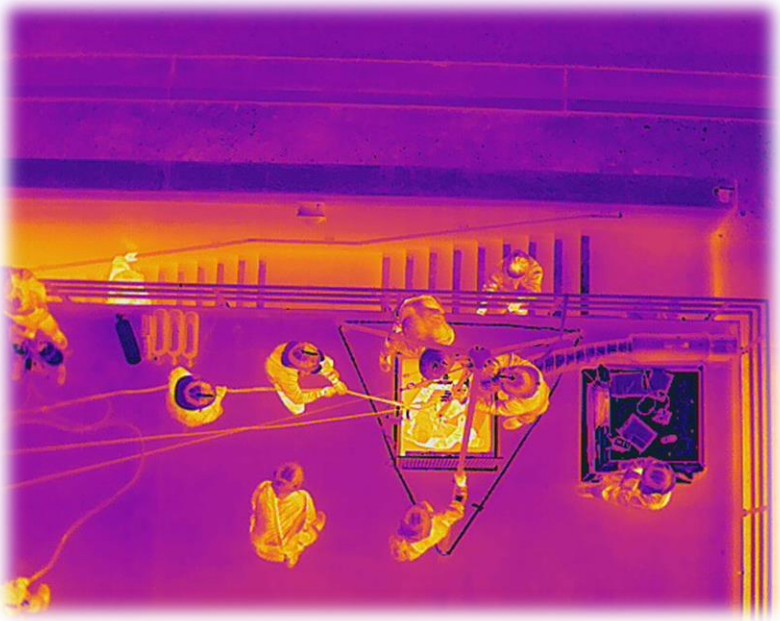
CAMBRIA CSD FIRE

August 5,6,7,8 2024

Cambria Fire Department

FAA drone pilot prep course for first responders

FIREDRONES
--International Drone Operators --



Registration $595

FAA drone pilot prep course for first responders

Cambria Fire Department

And

Fire Management Consultant International

Presenting

Drone Pilot Prep Course
For
First Responders

Price includes Pilot Handbook of Aeronautical Knowledge, Airman Knowledge Test Supplement, and Online Practice Test

LOCATION
Cambria Fire Department
2850 Burton Drive
Cambria, California
COST: $ 595
REGISTER ONLINE:
WWW.FIREMANAGEMENTCONSULTANT.COM

To register go to www.firemanagementconsultant.com

Fire Management Consultant International 209-612-8832

Established 1975 www.firemanagementconsultantinternational.com **209-612-8832**

Drone Pilot Prep Course
For First Responders

Course Objectives

In order to fly your drone under the FAA's Small UAS Rule (Part 107), you must obtain a Remote Pilot Certificate from the FAA. This certificate demonstrates that you understand the regulations, operating requirements, and procedures for safely flying drones.

This course is designed to provide the student with the knowledge required to pass the FAA administered 107 knowledge exam and attain the professional certification of Remote Pilot In Command.

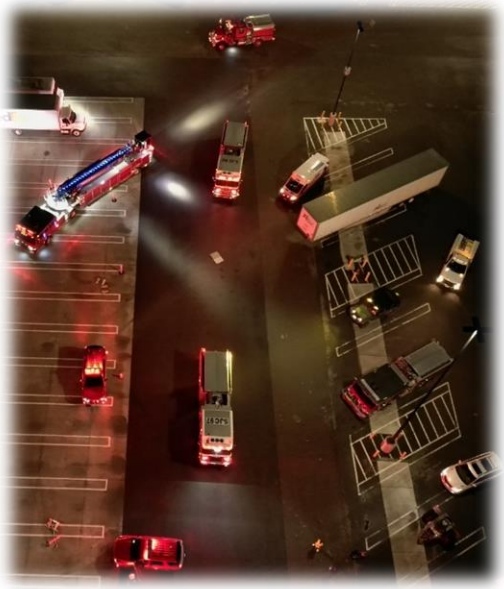
Each course module will introduce the student to aeronautical terms, requirements, and best practices for preparation to safely operate an unmanned aircraft in national air space and any incident that may require the use of the UAV.

This course will also provide insight into best practices for first responders in the use of drones.

FAA drone pilot prep course for first responders

At the end of this course the student shall:

- **Understand the environment and limitations of unmanned aircraft.**
- **Apply risk management skills to assess, reduce or mitigate risk for each flight.**
- **Knowledge to pass the knowledge portion of the Federal Aviation Administration 14 CFR Part 107 knowledge exam. Passing the FAA administered exam the student attains the professional certification of Remote Pilot In Command.**
- **Online practice tests will be available after each module to familiarize the student with the FAA testing system.**
- **At the end of the course, a 60-question practice exam will be made available. This exam will mimic a testing facility with 2-hour time requirement and materials used during the exam.**
- **At the end of this course, students will have a basic knowledge of basic emergency response techniques while using drones.**
- **At the end of the course, students will have a basic knowledge of planning and executing a drone program and best practices.**



FAA drone pilot prep course for first responders

Agenda

Regulations

Students will be introduced to aeronautical terms, definitions, and regulation requirements to operate Unmanned Aerial Systems (UAS) within the guidelines established by the FAA for safe operations in national air space.

Airspace

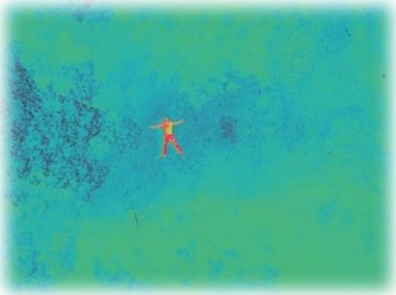
Students will be able to identify the different types of airspace, altitude, and area. Understand the requirements associated with contacting controlling agencies in order to receive approval to fly in controlled airspace.

Weather

Students will be introduced to weather terms and minimal requirements to safely fly. Students will be able to decipher Meteorological Terminal Forecast (METAR), Identify weather phenomenon, understand how weather affects the performance of an UAS, and learn best practices for preparation to safely operate an unmanned aircraft.

Loading and Performance

Students will be introduced to aeronautical terms, requirements and best practices to understand basic forces required for flight and how weight and balance of payloads affect the controllability of the UAS.



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Operations

Students will be introduced to aeronautical terms, requirements and best practices using Radio Communications, how airport flight patterns are determined, Physiology to identify and mediate environmental effects on the pilot, understand concepts of Task Management, Crew resource management, Attitudes, and how to use each of the concepts to reduce risk and manage positive team communications. Preflight inspections and general maintenance and inspections will be discussed and performed if student drones are available.

Emergency Response

Students will be introduced to best UAV practices for first responders including case studies of previous incidents, types of UAV for each incident, uses and limitations. The course will include development of a UAV program that fits departmental and public needs.

Hands on flight time

Students will be provided with a small practice drone to fly under the supervision of a pilot in command and instructor.

To host this course contact us at:

Phill@firemanagementconsultant.com or you can call at 209-612-8832