



# Unmanned Aerial Vehicles: Ground School and Flight Training

(40 Hours)

This dynamic course will address the various demands confronting law enforcement's use of Unmanned Aerial Vehicles (UAVs) during high and medium risk operations. Hands-on exercises and group scenarios geared towards safely completing the mission will enable you to immediately apply the concepts you learn during the lecture portion of class.

After a thorough introduction to the history, philosophy and justification for UAVs in law enforcement applications, we will focus on safely working within the National Airspace System (NAS) and the strict Federal Regulations that will govern your daily operations. You will learn proper communication protocols with the local FAA tower, how to file necessary NOTAMS, proper procedures to request Temporary Flight Restrictions (TFRs), and various mandated administrative functions.

Integrated ground instruction will cover controls, avionics, batteries, safety and procedures, systems, maintenance, setup, FAA regulations and compliance, records and log books, aircraft registration and markings. You will learn how to use the UAVs to assist with crash reconstructions, crime scene and disaster photography as well as hostage and high risk scenarios.

## Topics include, but are not limited to:

- FAA 333 Exemption
- FAA Part 107
- UAV Integration/Operations within National Airspace System (NAS)
- National Airspace System Overview
- Flight Restrictions and TFRs
- Political Realities
- Weather and Micro Meteorology
- Multi-rotor flight dynamics, maneuvers and theory
- Weight and Balance
- Operations and limitations
- Crew coordination and communications
- Emergency operations
- Aeronautical decision making and judgment
- Communications
- Physiological effects of drugs, alcohol and fatigue
- Maintenance requirements

**Audience:** Officers, supervisors and command staff personnel who wish to transition to UAV Operations or become UAV Specialists - *Class is restricted to sworn law enforcement officers and those personnel assigned directly to law enforcement agencies.*

Course Fee: \$1200

*This course is not eligible for certificate discounts.*

### REGISTRATION AND FEES

Full payment must accompany all registrations. You may register online at [www.iptm.org](http://www.iptm.org) and pay with your Visa, MasterCard, Discover or American Express credit card, or you may download a registration form and mail it to IPTM with a check.

### CANCELLATION/REFUND POLICY

Complete the Cancellation Request Form and return it to IPTM. No telephone cancellations will be accepted. A 20% administrative fee will be assessed to all refunds if the cancellation request is received within 14 days of the course start date. In lieu of a refund, student substitutions can be made or a credit can be issued for a future course. No refunds will be given for no-shows.

### COURSE CONFIRMATIONS

A minimum number of registrations must be received for a class to run as scheduled. When the minimum criterion has been met, written confirmation will be mailed, faxed, or emailed to you.

**Please do not make airline reservations until you receive written notification confirming that the course will run as scheduled.**

### TRANSPORTATION AND LODGING

Most locations are served by several major airlines. Ground transportation, food and lodging are the responsibility of the student. However, hotels in the listed areas offer a special rate to IPTM program participants. For more information, please visit our website at [www.iptm.org](http://www.iptm.org) or call us at (904) 620-IPTM.

### CONTINUING EDUCATION CREDITS

Continuing Education Units (CEUs) are available through IPTM. Please call us at (904) 620-IPTM for details.

**To register for this course online, please visit our website at:**

**[www.iptm.org](http://www.iptm.org)**