WILCOM DRONE OPERATIONS
Training Center

CITTS

Flight Training Lesson Plan

Training Program Name: Commercial Drone Training | **Course #** WC-23-0124

Program Area of Focus: Hands-on Drone Flight Training

Program Training Objectives:

WILCOM Drone Ops provides hands-on instruction with students using all flight modes (Normal Mode, Sport Mode, Cine Mode). We incorporate a flight simulator by Real Flight Evolution to assist with your training. Flight system specific information that may be covered includes upgrading firmware on both the flight system and batteries, charging and maintaining batteries, installing, and using DJI apps, using remote controller settings for different modes, component maintenance and replacement, geo-fencing, and operating the flight simulator internal to the system.

Hands-on practical exercise may include calibration, take-off and landing using both automatic and manual modes, hovering using the vision systems, obstacle avoidance, Course Lock, Hyperlapse, QuickShots, ActiveTrack, Point of Interest, Waypoints, TapFly, Cinematic Mode, return-to-home, camera operation, and emergency procedures.

We also cover additional practical topics including charging batteries in the field and connecting external monitors, and we provide tips and tricks to maximize the performance and functionality of the system.

Program Training Hours: | Instructions: 2-3 hours | Practical Exercise: 10 Exercises

Program Training Platforms:

In-person training, Classroom Training, Drone flight Sim

Program Materials / Equipment List:

DJI Mavic 2, DJI Mavic 3 Pro, Rapid Battery charger

Program Training References:

DJI Manual 2 user manual
DJI Mavic 3 Pro user manual.

Program Risk Assessment: LOW

There is low risk for this training program.

Summary of Task / Action:

Calibration, take-off and landing using both automatic and manual modes, hovering using the vision systems, obstacle avoidance, Course Lock, QuickShots, ActiveTrack, Point of Interest, Waypoints, TapFly, Cinematic Mode, return-to-home

Training Program Validation Requirements:

WILCOM Drone Ops obstacle course (Timed Event)
Emergency procedures
Camera operation