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06 UAS Mission Planning

Course Overview

On completion of this training session the student will have gained an overview of the various aspects of planning and conducting a UAS mission.

The topics to be covered in this course include:

Apps and Online Resources
Location Identification (coordinates, address)
COA and Permissions the Letter of Authorization and filing a Flight Plan)
Wind and Weather Conditions
On-site Compass Calibration
Satellite Access and GPS Basics
GPS vs. Manual (ATTI) Control
LOC – Loss of Control Procedures (so called “C2 loss”)
Go/No-Go Decision Making
Crew Resources and Management
Accident Reporting
NOTAMS, TFR’s and TRA’s
We’ll talk about privacy concerns
And we’ll include a Practice in Mission-Planning.

Course Objective

The objective of this course is to provide a summary of the procedures and considerations in planning a UAV mission. This course will include a discussion of operations under a public COA or Waiver as well as under Part 107. We will review a number of useful mobile apps, the LAANC authorization system, accident reporting, evaluating a flight location,

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awareness of hazards, visual observer functions, the function of aeronautical charts, NOTAMs, TFR's and TRA reports, and weather information. Along the way, I'll include a couple of useful tips to make it more interesting.

Every effort has been made to provide current information but the world of drone aviation is constantly changing and this course is revised as changes warrant.

Required Material

(None)

Additional Class Requirements:

(none)

ADDITIONAL CLASSROOM MATERIAL

Handouts, resource links, videos, and/or demonstrations

Online Resources (<https://www.TheDroneProfessor.com/classes>)

SCHEDULE

(The schedule for the course to be provided by the host provider.)