



“RPAS Flight School” Course Outline

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Course Duration: 8 hours (4hr in field, 4hr in-class)

Course Description

This course is designed for new or experienced remotely piloted aircraft system (RPAS) operators who have completed RPAS Ground School training through M3 Aerial Productions. Due to discontinuity between the content that other “compliant” RPAS Ground Schools in Canada offer, we require students who have completed alternate training programs to at least complete the M3 2-day in-class “UAV Systems in Industry” portion of the program. If the student has no prior training in aviation, the entire RPAS Ground School course (both online and in-class portions) must be completed prior to completing RPAS Flight School.

M3 Aerial Productions is registered with Transport Canada as a Compliant RPAS Ground School, and our instructors are experienced RPAS pilots and trainers. Upon successful completion of the RPAS Flight Training course, you will receive a certificate of completion. which can be used to supplement your RPAS Ground School certification when you apply for a Special Flight Operations Certificate. ***NOTE: This course involves a large amount of hands on training in the field, therefore, course dates are scheduled as “weather permitting” (Weather Dates will be identified)**

Content Overview

Course content will focus on the following learning outcomes:

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| • Mission Planning Sequence | • Maintenance Checks |
| • Communications with NAV CANADA | • GPS-Assisted Flight Training |
| • Flight Planning Software | • Safe Battery Maintenance |
| • Semi-Autonomous Operations | • Pilot Awareness |
| • Mapping at Different Altitudes | • Dealing with Emergencies |
| • DJI Intelligent Flight Modes | • Weather Constraints |
| • Operating and Flight Rules | • Crew Management |
| • Use of the Canada Flight Supplement | • Aircraft Airworthiness Test |
| • Takeoff and Landing Procedures | • Data Processing Platforms |
| • Basic Radio Communications | • Data Analysis |
| • Data Collection Strategies | • Data Sharing |

Formative Evaluation

There will not be a final examination, but rather a opportunity for students to complete a flight checks throughout the course, achieving proficiency in various skill categories, which they will receive constructive feedback to help with future operations