



## MA UAV PILOT TRAINING COURSE

### Quad-copter

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**Course Description:** This 3-day executive course offers a dedicated UAV pilot training program and relevant documentation developed by a well-established USA UAV flight centre and leading Aviators and Flight Instructors, in partnership with Marques Aviation.

#### Course Contents

Flexibility in training based on prior experience, knowledge and skill sets.

- Fixed Wing flight accomplishing basic flight dynamics, maneuvers, and theory.
- Learn precision control, medium to advanced flight skills, emergency recovery, and resource management.
- 20 hours free simulator time (currently offered for courses in the USA).
- Ground instruction including setup, controls, avionics, batteries, operational procedures and safety, systems, maintenance, FAA regulations and compliance, records and log books, aircraft registration and markings.
- Up-To-Date FAA Part 107 sUAS aeronautical knowledge requirements for the FAA practical test and sUAS Operators Certificate.

Basics 1: Intro to Quads  
 Basics 2: The Quadcopter  
 Basics 3: The Controller  
 Basics 4: Your First Quadcopter  
 Basics 5: 6 Axis or 3 Axis?  
 Flight School 1: Sync, Bind, Trim  
 Flight School 2: Hover  
 Flight School 3: Intro to Turning  
 Flight School 4: Horizontal Flight & Turning  
 Flight School 5: Banking Turns

Flight School 6: Power Efficiency  
 Flight School 7: Distance Flying & Orientation  
 Flight School 8: VRS (Wobble of Death)  
 Flight School 9: Rapid Descent & Thermals  
 Misc 1: Night Flying  
 Misc 2: Aerial Video Part 1  
 Misc 3: Aerial Video Part 2

- Instructors have extensive military and commercial aviation experience and expertise in mapping, sensors, imaging, data collection, telemetry, inspection, agriculture and surveillance
- Included materials: Flight training manuals, Aeronautical charts, Personal pilot logbook.