UAV / Quadcopter Training Course

UAV / Quadcopter Pilot Training: 2 Day course

Redstack now offer a 2 day training course for UAV (Unmanned Aerial Vehicle) operators. This course will educate new pilots on how to responsibly and effectively manage their aerial vehicle.

Training will be based on a standard DJI Phantom 4 operation and aimed at beginners and novice operators. Training will be delivered by a fully certified RPAS pilot with over 16 years aviation experience and over 10 years experience as a CASA licensed operator.

Course outcomes:

- Understanding of the CASA regulations >2kg rules (unlicensed)
- Phantom 4 flight characteristics, limitations and Flight modes
- Hands on flight training
- Safety, Risk analyse
- Insurance considerations

Prerequisites: No experience required

Course agenda:

Day 1
- Introduction
- Setup
- Performance and limitations
- Aircraft features
- Remote controller features
- Camera and gimbal
- DJI GO app
- Battery charging
- Safety procedures
- Maintenance
- Flight logging
- CASA requirements

Day 2
- Pre-Flight
- Compass calibration
- Flight Modes
- Basic Flight Manoeuvres
- Intermediate Flight
- Advance Flight Manoeuvres
- Camera and Gimbal Operations
- Emergency Situations (RTH)
- Tap fly
- Post flight

UAV Services

- Operator Training
- Aerial Inspections
- DJI UAV Sales
- Customised aerial systems
- BIM integration
- Fixed wing systems
- Aerial photography
- Reality capture

Who is Redstack?

Redstack is a leading provider of design technology and services to engineering and architecture professionals. With over 15 years of local experience, we provide the expertise, training and support to help companies realise the full power of their design technology. We partner with the world’s leading providers of CAD software, hardware, 3D printers and 3D Scanners such as Autodesk, Apple, Makerbot, Ultimaker, Avitus, Maptek and IMAGINiT Technologies to provide local service with the support of global resources. These relationships allow us to deliver complete end to end solutions tailored to meet your unique requirements.