

# AVI30419 Certificate III in Aviation (Remote Pilot)

## School Program

### Course Description

This qualification is relevant to individuals operating remotely piloted aircraft systems (RPAS), in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards. Remote pilots operating at this level will apply non-technical and technical knowledge and skills to demonstrate autonomy and judgement and will take limited responsibility in known and stable operational contexts within established regulatory parameters. Licensing, legislative or certification requirements apply to this qualification at the time of publication. This qualification aligns to Remote Pilot Licensing requirements described in Civil Aviation Safety Regulation (CASR) Part 101 — Manual of Standards.

This course is for any student wishing to gain employment in the Aviation Industry which also includes, Airline Pilot, Maintenance Engineer, Air Traffic Controller, Ground Staff, Air Staff (Flight Attendant) and any other Aviation career, General subjects taught for general aviation also include: Working effectively in the Aviation Industry, Principals of Air law, Situational awareness, Aeronautical radio, and Human factors.

### Introduction to Students

MW Training along with Drone-operations or the school may provide a welcome session which usually lasts for 4 hours and covers the following:

- Welcome
- Information about the training AVI30419 course
- Complete the RTO Sign up and interview process for students
- CASA Rules (Drones – flying for fun)
- Safety
- Where to fly
- Types of Drones
- Types of Drone Jobs
- Drone Accessories
- Flying your Drone
- Drone Maintenance
- Get your ARN
- Feedback
- Fly drones indoors to understand controls
- Fly drones outdoors (if permitted) – we bring a fleet of drones to fly

As we cover schools across Australia, these introductions can only be provided at limited times throughout the year, this is dependent on needs of our schools and obvious COVID19 restrictions.

These sessions can also be attended for late comers online via our LMS introduction (basic course), however obviously for online delivery we cannot offer drone flight experience.

## Volume of Learning

While the qualification at AQF 3 is deemed to require 12-24 months (1-2-year school term) to complete, The training delivery includes a combination of classroom delivery (one - two periods (two hours) a week delivered in school by the school) and distance learning with mentoring support. We would assume the homework (distance learning) would be around a minimum of an extra 4 hours a week during the School term. 30 weeks out of a 40 week school year are dedicated to the Aviation Course

## Entry Requirements

There are no specific entry requirements for this qualification.

## Delivery

The program has been designed around 2 hours a week in class and a further minimum of 4 hours self-study for 31 weeks (sessions) in the first year and 29 weeks (sessions) in the second year. This takes into account 40 weeks a year available over 4 terms and allowing 10 weeks a year which may be taken up with other activities, such as final exams etc, we believe 30 weeks per year out of a potential 40 week year is easily achievable.

The course is delivered in school, mentored by the teacher in class. The training (on line component ) and assessment is ultimately signed off by our trainers/assessors.

We provide all the learning and assessment material, which is a mixture of class workbooks, inline materials, Flight logbooks, class work books and assessment material. All knowledge evidence is completed online via the LMS (Learning Management System), where the school has complete visibility of marking along with our own assessors for final sign off.

## Assessment

Assessment information will be provided to you at the start of the course by your trainer and you must abide by the assessment requirements set by MW Training Consultants and your trainers/Teachers in School. Your coursework will be returned with feedback from your Teacher.

All of our learning and assessment material aligns (maps) with the new CASA RePL guidelines and along with the pilot logbook our course meets the requirements (not including a final assessment) for a RePL license. Those students who wish to sit the final RePL assessments can then obtain a CASA issued RePL (via our delivery partner). A fee is involved for a RePL license.

## Flying Drones in Schools

Drone Operations holds a Remote Operator Certificate CASA.ReOC.7046, and we allow the school to operate all drone flights in schools under our ReOC. This allows the school to meet safety requirements and cover for 20mil Public Liability, though, ultimately our Chief pilot will hold all responsibility for all activities under our ReOC.

## Units of competency required

A minimum of **14 units of competency** comprising:

- **9 core units plus**
- **2 elective units** selected from the **Group A** : General, **plus**
- At least **1 elective unit** selected from the **Group B** : Specialist elective, **plus**
- At least **2 units** selected from the **Group C** :

Unit Code	Unit Title
<b>Year 1</b>	
AVIG0003 (A)	Work effectively in the aviation industry
AVIY0031 (C)	Apply the principles of air law to remote pilot aircraft systems operations
AVIW0004 (C)	Perform operational inspections on remote operated systems
AVIY0053 (C)	Manage remote pilot aircraft systems energy source requirements
AVIY0052 (C)	Control remote pilot aircraft systems on the ground
AVIY0023 (C)	Launch, control and recover a remotely piloted aircraft
<b>Year 2</b>	
AVIY0027 (B)	Operate multi-rotor remote pilot aircraft systems
AVIW0028 (C)	Operate and manage remote pilot aircraft systems
AVIZ0005 (C)	Apply situational awareness in remote pilot aircraft systems operations
AVIH0006 (C)	Navigate remote pilot aircraft systems
AVIE0003 (A)	Operate aeronautical radio
AVIF0021 (C)	Manage human factors in remote pilot aircraft systems operations
AVIY0026 (C)	Conduct aerial application operations using remote pilot operated systems
AVIW0006 (C)	Perform infrastructure inspections using remote operated systems

## Purchase of Drones

Drone Operations have partnered with CR Kennedy (one of the main importers of DJI who also sell to Harvey Norman and other major DJI retailers). CR Kennedy have their head office in Victoria, with offices in every state of Australia. We offer brand new and second-hand drones and also offer a trade in on current drones if anyone wishes to upgrade to a later or better DJI model. We also offer a 10% education discount on any drone used in education.

We strongly believe any student who purchases a drone for their own use is also able to purchase at the educational discount and all sales from enrolled students will be able to access the 10% discount from new or second hand drones or accessories.

We strongly recommend the “Mavic Mini” as a starting point for students to fly as they weigh less than 250g and will not need to be registered with CASA. They are a great drone to start out with, (again we offer trade in when a student wished to upgrade)

### Course Cost

\$1200 – Interest free payment plans available.

\$50 per month – 24 months

\$150 term – 8 Terms

### What is included in the fee:

- Use of learning material aligned with RePL
- Use of online resources (added list general learning resources)
- Cater for different delivery
  - Classroom delivery (PPS and ability to print (pdf) presentation)
  - LMS – Online delivery
- Class workbooks (pdf format)
- Flight logbooks (pdf format)
- Full assessment resources aligned with RePL
- Full copy or CASA RePL training guidelines
- On site introduction of the AVI30419 Drone Course
- Use of Drone Operations ReOC and 20mil PL for ability to fly drones in schools
- Supply of Drone Kit (Build a Drone) as part of the study (student to keep)
- Issue of AVI30419 Qualification
- Access to Drone Operations online shop – 10% school student discount

### How to Enrol

You should ensure that any queries you may have about **AVI30419 Certificate III in Aviation (Remote Pilot)** have been fully addressed prior to enrolment.

**Please note:** MW Training Consultants cannot give advice to students regarding career outcomes from this course.

To enrol in this course, please complete the enrolment form and return to our Head Office.

### Further Contacts

**Drone Operations** – [www.drone-operations.com.au](http://www.drone-operations.com.au)

Chief Remote Pilot – [laurie@drone-operations.com.au](mailto:laurie@drone-operations.com.au)

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