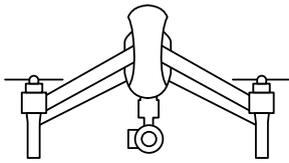# BECOMING A REMOTE PILOT

WITH NATIONAL DRONES INSTITUTE

NATIONAL DRONES Institute™

SUMMARY

National Drones Institute is an industry leader in the training field. Our extensive background in aviation as well as in the operation of remotely piloted aircraft systems puts us at the forefront of delivery for our CASA certified training programs.

Commercial operations utilizing remotely piloted aircraft systems (RPAS) fall under the provisions of the Civil Aviation Safety Regulations (Part 101) made under the Civil Aviation Act 1988, the most recent revision of which was registered on 24 March, 2016.

Under these provisions it is strictly forbidden for a remotely piloted aircraft (RPA) greater than 2kg to be operated for commercial gain, unless the operating business has a valid RPA Operator Certificate (ReOC) issued by the Civil Aviation Safety Authority (CASA) and that the controller (pilot) of that aircraft holds a Remote Pilot License (RePL). In most cases, an Aeronautical Radio Operator Certificate (AROC) is also required.

At National Drones Institute, we have trained students from Government and Law Enforcement Agencies, tertiary education facilities, famed cinematographers and nationwide survey companies to name just a few. We are always happy to provide referees for our training courses.

If you are looking for a thorough and practical training course to become a certified Remote Pilot, National Drones Institute provides the training and guidance you need to get officially certified. All of our RPAS training courses are CASA-approved, ensuring the quality of our instruction and our conformance to industry requirements and standards is second to none. Whether you're an experienced hobbyist seeking certification for commercial activities or a novice seeking instruction to fly a drone for the first time, you'll get the necessary training from us to enable you to become a safe and competent operator.

RePL
REMOTE PILOT LICENSE

Our Remote Pilot License (RePL) course could take you from having never operated an RPA to obtaining your Remote Pilot License in as little as 5 days! Our course will also accredit you with an Aeronautical Radio Operators Certificate (AROC), which is required to operate in Controlled airspace.

If you are operating for sport and recreation then you will not require certification. However, the Remote Pilot License is required for an individual to operate an Remotely Piloted Aircraft (RPA) above 2kg, when used for commercial purposes. To operate commercially you will require the RePL and to also obtain either an RPA Operators (ReOC) certificate; gain employment with, or operate under a company that holds an ReOC.

Our course is designed from the outset to be as engaging as possible through use of animations, supplemented with a study guide written specifically for RPA operations. Some of the topics covered include

- Flight Planning
- Navigation
- Controlled Airspace
- Air Law
- Identifying airspace
- Gaining area approvals
- NOTAMS (Notice to airmen)
- Principles of Flight
- Weight and Balance
- Aircraft Components and Systems

ReOC

RPA OPERATOR CERTIFICATE

"National Drones Institute has recently applied to CASA to become an approved delegate which will then allow us to issue the RPA Operator Certificate on behalf of CASA"

The ReOC is what permits a company or individual to work for hire or reward using a remotely piloted aircraft system. As part of the application process you will be required to develop an Operations Manual and Operational Library, demonstrating how your organization will manage the risk of operating your flight equipment to both the aviation community and the public at large.

It will also set out the legal obligations of the Chief Controller and all other controllers within the organization as well as detailing your risk assessment processes, procedures and policies.
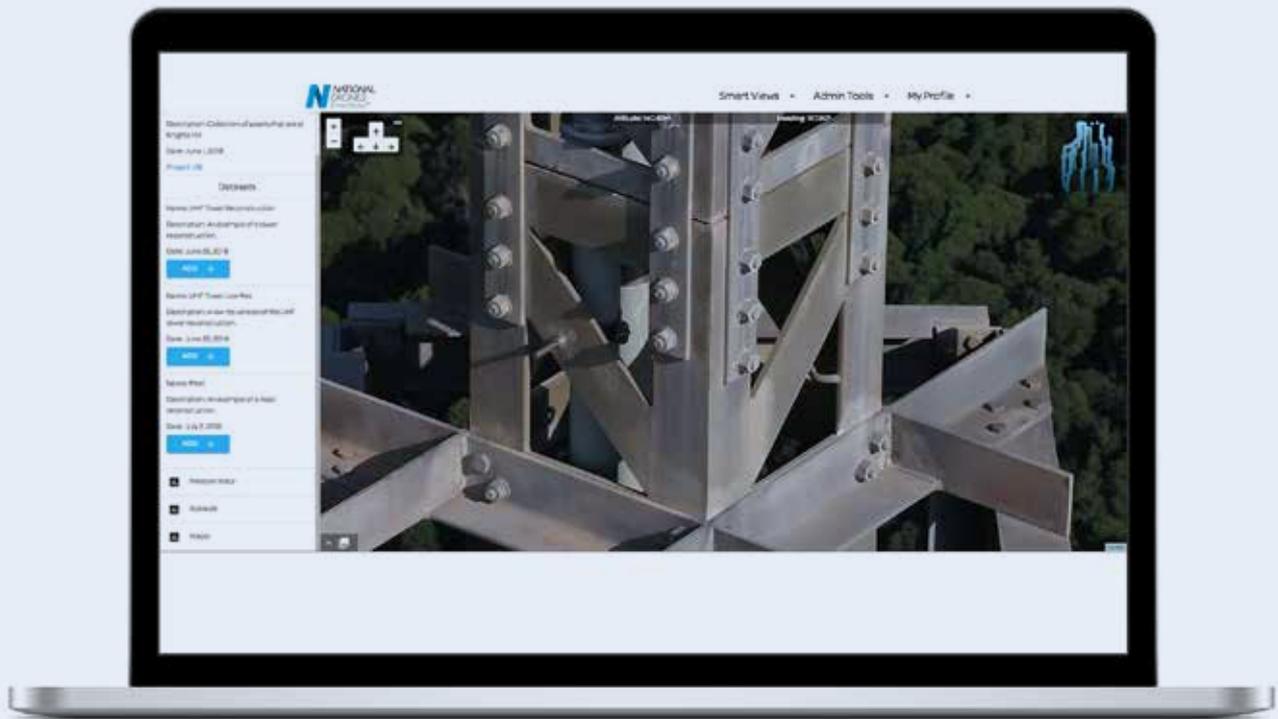
Whilst CASA have recently created a set of generic templates to assist in the development of these manuals (making the process relatively easy) we work with you to ensure you understand what's in them and are capable of, and willing to operate to, the standards required within.

Furthermore, National Drones Institute is applying to become a delegate of CASA, meaning that in the near future we may be able to issue ReOC's on CASA's behalf. Whilst conflict of interest rules apply, we hope to be able to work with our students and clients to advise them throughout the process, from taking flight for the very first time, to becoming a commercial operator.

WHY TRAIN WITH US?

- No previous experience necessary – we train you in every aspect of the operation.
- Aviation Background - Our extensive aviation background ensures that you will get relevant information passed onto you.
- Comprehensive flight operations training, resulting in CASA issued certification. Gain new formally recognized qualifications!
- We can assist in the process of obtaining a RPA Operator Certificate (ReOC) through the Civil Aviation Safety Authority (CASA)
- Course Content Matters! We have gone to extraordinary efforts to ensure that our extensive training resources support our students. This includes a 300 page study guide developed in conjunction with Bob Tait's Aviation Theory School, as well as a large online learning management system which is jamb-packed with resources.

- Real world experience - there are certain things which can only be passed down from having operational experience out in the field.
- Assistance with data processing and flight planning based on your operation type if required. We train to suit your proposed operation
- Aeronautical Radio Operator Certificate and English Language Proficiency assessment is included in the course at no extra cost. This is a requirement for operations within controlled airspace.
- Extensive ongoing support - Consider us your partner for life
- Choice of platform - we give you the option to train on both multirotor (small and large) as well as fixed wing systems (small and large) as required
- All course materials are supplied including training drones. All you need to do is turn up to the course; the rest is provided.

EXTENSIVE ONLINE RESOURCES

All of our students gain access to our interactive learning management system, which has been designed to cater for different learning types. Containing high quality graphic presentations featuring professional audio voiceovers, these lessons make it fun and interactive to learn the theoretical side of the course. They also allow for revision once a lesson has been completed

Students are continually quizzed on their knowledge throughout the program with constructive feedback given for incorrect answers, ensuring the student understands where they've made mistakes. For those students conducting self-paced study (through our online course) our friendly Instructors are available by appointment via telephone or Skype, to answer any questions they may have as they progress through the material.

Contact us to view demonstrations of both the online lessons and the e-text documentation.

COURSE FEES

Our premium course content is surprisingly affordable and in most cases, fully recoverable after just a few weeks of commercial operation. Group discounts are also offered for organizations wanting to train a number of pilots in one sitting, whilst payment terms may be available to private students who do not have the luxury of employer sponsorship. If affordability is a concern, please talk to us as we may have a solution.

As mentioned earlier, our course cost includes training for and attainment of an Aeronautical Radio Operator Certificate (AROC), as well as the prerequisite English Language Proficiency (ELP) testing. (Both of these are required if you intend to operate in Controlled Airspace, which covers most Australian Capital cities.)

We have also developed an extensive online theory course, which allows students who can't take 5 days away from work, to complete the theory component via remote learning. This course utilizes online presentations, and an online study guide which ensures you don't miss anything. Contact us should you require more information about any of our course offerings.

To enrol or book into any of our upcoming course dates simply call us on 1300 FLY UAS (1300 359 827), or send us an email anytime:

skyview@nationaldrones.com.au

To make an enquiry about our services:

☏ 1300 759 843

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