



## 2020 Course Brochure

### About Us

Drone-X (Pty) Ltd is an **Approved Training Organization** with the **Civil Aviation Authority** providing professional course for recreational and commercial RPAS Pilots. Our Training License number is **CAA/0420**

Our **Remotes Pilots License (RPL)** course provides pilots with the knowledge and practical skills necessary to safely and effectively operate unmanned aircraft commercially.

Our **Introductory Course** provides private individuals the knowledge and basic practical skills to operate the unmanned aircraft in a safe and legal manner. Introductory courses are not scheduled, we book your lesson with an instructor at a time that is convenient for you at one of training Venues.

### Venues

We provide training at approved venues in Cape Town, Johannesburg and Durban.

	Theory	Practical
Cape Town	Cape Town International Airport General Aviation Area or Belville	R304, Stellenbosch, Wild Clover Farm.
Johannesburg	Midrand	Centurion
Durban	Harlequins Rugby Club, The Bluff	Harlequins Rugby Club, The Bluff

### Requirements:

To enrol in the RPL course, the prospective student must be **18 years** and older, and have completed a **Class 3 Aviation Medical Examination** by an Aviation Medical Examiner that is approved by the South African Civil Aviation Authority. (You cannot do the examination with your local GP). Below is an extract of the list of approved AME's. The list is quite extensive, and we can provide you with a more detailed list of approved AME's at your request.



## Aviation Doctors

Cape Town Doctors:	Durban Doctors:	Johannesburg Doctors:
Dr W Chouler <b>021 715 7063</b>	Dr L Chetty <b>031 563 0735</b>	Dr BU Buchner <b>021 347 9349</b>
Dr D Bekker <b>021 914 1222</b>	Dr RA Goordeen <b>031 507 9110</b>	Dr DC Bellingan <b>011 828 2859</b>
Dr Johan vd Merwe <b>021 887 0305</b>	Dr H van Schalkwyk <b>033 345 8010</b>	Dr PDC Erasmus <b>011 849 6511</b>

Our Training consists of the following Phases:

### **Phase 1** - Theory (7 Days Total)

The theory part of the course is broken up into 14 Modules. Internal exams are set for the following Subjects:

- Air Law
- Principles of Flight
- Aircraft Technical & General
- Meteorology
- Human Performance
- Flight Planning & Navigation

**5 Days (Online Option Now available) Refer to Online Theory Lecture Schedule!**

### **Phase 2** - Restricted Radio License

In addition to the 14 Modules above you are required to obtain a Restricted Radio License. This is covered during the 7 days of theory training. After which you will be required to write an online CAA examination as well as pass a Practical test with an approved CAA examiner. We normally suggest at least a week of study time in order to prepare for the CAA online exam.

### **Phase 3** – Practical Training

Practical Training consists of 4 two-hour sessions. We cover some theory training within the two-hour session and include at least one hour of actual flight time during the session. On completion of the Phase 2, our Chief instructor will allocate the candidate to a Flight instructor and co-ordinate the bookings at a convenient time.



#### **Phase 4 – Skills Test**

Once you have completed Phase 3 our instructors will pass you onto our chief instructor who will conduct a “mock skills test” known as the Letter of Recommendation flight. This lesson is to ensure that each candidate is proficient in the practical flying manoeuvres as well as ensure that the theoretical knowledge is acceptable to be able to pass the final skills test. The Chief instructor will then issue the candidate with a letter of recommendation, and will pass this onto the Approved Designated Flight Examiner to conduct the final skills test.

The final Skills test consists of theoretical ground evaluation of approximately 1 – 1,5 hours followed by a 15-minute practical flight test.

#### **Application to Civil Aviation Authority & Issue of RPL License**

Drone-X will arrange the application to the Civil Aviation Authority and will supply each candidate with a list of required documentation for the application after registering for a course. Once your RPL License is issued we will arrange for collection or delivery of the license.

#### **Duration:**

The RPL Course can be comfortably completed within 4-6 weeks.

We can accommodate students that are unable to attend the full-time course, and wish to complete it in phases.

Please note that the skills test must be completed within 90 days of passing the final theoretical exam. Each phase can be paid for separately.

Furthermore, the phases must be completed in the above order.