



NTSUDRONEACADEMY
TRAINING & SKILLS DEVELOPMENT



REMOTE PILOT LICENSE (RPL) COURSE 2023



RPL ADMISSION REQUIREMENTS 2023

Dear Student,

Thank you for choosing Ntsu Drone Academy / Aviation Training Academy to do your RPL course.

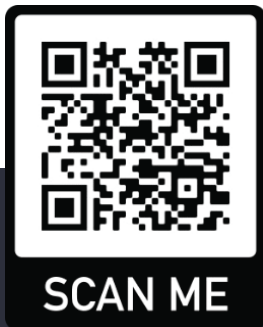
Admin requirements

The following documents are required from each student:

1. Completed Student Information Form

Please scan the icon below or click on the following link in order to register as a student:

<https://forms.gle/SS88KdrNgz6SRu4g6>



2. Certified Copy of ID Document
3. Certified Copy of Matric Certificate
4. Two ID Photos
5. Certified Copy of Class 3 Medical Certificate
 - This examination needs to be completed by an Aviation Medical Examiner, approved by the SACAA (South African Civil Aviation Authority).

This examination cannot be done by your local GP.

- See a link to a detailed list of SACAA approved Medical Examiners

<https://www.caa.co.za/industry-information/aviation-medicine/>



Remote Pilot License (RPL)

A pilot license required for entrepreneurs and drone business start-ups. The RPL license is issued by the South African Civil Aviation Authority

THEORETICAL TRAINING

Subject – Theory

- RPAS Air Law Part 101
- Construction and Flight General
- Battery Fundamentals and Radio Links
- Flight Planning and Navigation and Meteorology
- Human Performance
- Restricted Radio Telephony

Logistics: Online course using Zoom

*Please log on by 8h15 every morning to complete admin

Once the Theory Training has been completed, a Final Theoretical Examination will be written.

- Should you not be in a position to write your Theory Examination, kindly inform the instructor and schedule a suitable date and time.
- No extra charge for re-write of Theory Exam.
- You have 90 days from the date of completing your Theory Exam to finish the rest of the requirements for submission to the SACAA:
 - Class 3 Medical and Chest X-ray.
 - Language Proficiency unless you have a Matric Certificate with English as a first language with a minimum of a symbol “D” or (50%);
 - Restricted Radio Telephony On-line Examination; and

- Restricted Radio Practical.
- You will have received personalized login details to the groundschool.aero website, where you will need to complete as many Restricted Radio Mock Exams as you can.
- Please try to complete 100 mock exams to prepare you for your Restricted Radio Exam. You need to be obtaining between 90% and 95%, to be ready for the SACAA exam.
- Please note: should you fail this Radio Exam, there is a 7 day “cooling off” period before you are permitted to do a re-write. The cost of the re-write is for the student’s personal account.



PRACTICAL TRAINING

RPL Practical Training Information:

- Practical Training needs to be scheduled through Nonhlanhla Mthembu.
- The practical will only be booked once the students have passed their Theory Examination and have completed all 3 SACAA requirements.
- An information email is sent out with documents attached – these documents need to be printed by the student and taken with to the practical.
- Practical training consists of exercises to be completed and performed to the required SACAA standard.
- Duration of Practical's will depend entirely on each individual student. Each student learns to fly at his/ her own pace and depends on the ability to grasp the maneuvers.
- On average it takes about a week to complete the practical, however, this could take longer dependent on the student's ability.

Skills Test

- On completion of the Practical Training, the Instructor will issue the student with a Letter of Recommendation.
- The letter basically confirms that the student is ready to proceed with the final Skills Test with the DFE and is scheduled.



SKILLS TEST PROCEDURE

1. Ground Evaluation (Verbal exam)(1hour 15min + -)
This is the very first part in the exam where your theoretical knowledge will be assessed regarding aviation in general, PART 101, technical knowledge, flight planning ability, reading of maps etc.
2. Pre-flight check on Drone (5 – 10min)
A full pre-flight check will be done for the examiner to assess whether the drone is airworthy. In the pre-flight check the examiner may ask some technical questions regarding the aircraft that you will be tested on.
3. Safety briefing will be done (5 – 10min)
A safety briefing will be done for the examiner covering aspects of the operation like orientation, roles of responsibility, hazards etc. It is good to try and include all people on site when doing the risk assessment.
4. Flight test (15 – 20min)
Practical flight test will be performed after safety briefing where radio communication ability, flying skill, Airmanship etc. will be assessed.
5. Debriefing with examiner (10 – 15min)
Examiner does a debriefing with you to give you feedback and recommendations.

It is during this phase that we require you to please hand your original certified copy of your Medical Certificate, original certified copy of your Identity Document, 2 Passport Sized Photos and your Restricted Radio License Paperwork to your instructor, so that we can submit your application to the SACAA for approval.

We need to submit your paperwork to the SACAA within 30 days of doing your final test, otherwise you will have to re-write your exam. Please furnish us with any outstanding documentation to avoid delays in submitting your final application for your RPL.

2023 SCHEDULE

- 13 FEB 2023
- 13 MAR 2023
- 17 APR 2023
- 15 MAY 2023
- 19 JUN 2023
- 17 JUL 2023
- 14 AUG 2023
- 11 SEPT 2023
- 16 OCT 2023
- 20 NOV 2023



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