

SACAA/1553ATO



**REMOTE PILOT  
Certificate (RPC)  
COURSE 2024**



## RPC ADMISSION REQUIREMENTS 2024



### Remote pilot certificate (RPC)

A remote pilot certificate required for entrepreneurs and drone business start-ups. The Remote pilot certificate is issued by the South African Civil Aviation Authority (SACAA).

Dear Student,

Thank you for choosing Ntsu Drone Academy to do your RPC course.

#### Admin requirements:

The following Student documents are required.

- ❖ Completed Student Information Form (Sent via email before the start of training)
- ❖ Copy of ID Document or Passport for non South-African citizens.
- ❖ Copy of Matric Certificate.
- ❖ Two ID Photos.
- ❖ Copy of Class 3 Medical Certificate.

#### Note:

The Class 3 medical certificate needs to be completed and issued by an approved SACAA Medical Examiner. This medical examination cannot be done by your local GP.



## RPC Theory 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

Theory training can be done online using Zoom or done in person (Classroom). When attending online RPC training, students are required to log on by 8h15 every morning to complete admin. In person RPC training starts at 9am every morning for the duration of the RPC theory course

### RPC Theoretical examination:

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

RPC Exam information:

- Should you not be in a position to write your RPC Examination, kindly inform the instructor and schedule a suitable date and time.
- Pass mark required for the RPC theory exam is 75 %
- No extra charge for re-write of RPC Theory Exam.
- You have 90 days from the date of completing your RPC Theory Exam to finish the rest of the requirements for submission to the SACAA. These include,
  - Class 3 medical and chest X-Ray
  - English language proficiency (ELP)
  - SACAA Restricted radio telephony Online exam
  - Restricted radio practical training.

### The Restricted radio telephony exam

This is a Online SACAA exam written at the SACAA or at an approved aviation training organization and you need to achieve 75% in order to pass the radio exam. NTSU Will provide you with a radio mock exam subscription (Valid for 3 months) to assist you with the radio telephony exam. It is suggested that you complete 100 mock exams before attempting to write the final Radio telephony SACAA exam.

Rewrite after radio exam failure:

A student will have to wait 7 Calendar days before applying for a radio exam rewrite. The student will have to cover the costs of the Radio exam rewrite.

## Practical Training

### RPC Practical Training Information:

- Practical Training needs to be booked in advance before attending the training.
- 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.

### RPC 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 DRE and is scheduled.



## 2024 RPC SCHEDULE

15 January - 19 January

12 February - 16 February

4 March - 8 March

8 April - 12 April

13 May - 17 May

10 June - 14 June

8 July - 12 July

12 August - 16 August

9 September - 13 September

7 October - 11 October

11 November - 15 November

## RPC Skill test procedure

### ▪ **Ground Evaluation (Verbal exam)(1hour 15min + - ).**

This is the very first part in the test where your theoretical knowledge will be assessed regarding aviation in general, PART 101, technical knowledge, flight planning ability, reading of maps etc.

### ▪ **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.

### ▪ **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.

### ▪ **Flight test (15 – 20min)**

Practical flight test will be performed after safety briefing where radio communication ability, flying skill, Airmanship etc. will be assessed.

### ▪ **Debriefing with examiner (10 – 15min).**

Examiner does a debriefing with you to give you feedback and recommendations.

## RPC Submission to the SACAA:

*Once you have successfully completed your RPC skills test we will submit your RPC documents to the SACAA for processing and license issuing. During this stage NTSU requires the following from a student,*

- *Certified copy of your medical certificate*
- *Certified copy of I.D*
- *Two passport color photo's*
- *Restricted radio application form and exam results*
- *Language proficiency certificate or Matric certificate.*

*NTSU needs to submit your RPC paperwork to the SACAA within 30 days of doing your final RPC Skills test, otherwise you will have to redo a RPC Skills test with a DRE.*

## RPC Renewal:

The RPC renewal will be conducted by a SACAA approved Designated examiner. During the RPC Renewal the examiner will follow the same procedure as for the Initial RPC skills test procedure as indicated above.

It is recommended that a student attend refresher training before attempting the RPC renewal skills test. The following documents are needed when attending the skills test,

- Valid Class 3 or higher medical, RPC and Logbook.



Official reseller



## CONTACT US:

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