



Private Pilot Ground School and Exam Preparation Course Outline

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Delivery: Free-form Online for 9 months

Contact Information:

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Prerequisites: None

Course Description

This course will allow students to gain the necessary knowledge to achieve their Private Pilot License accreditation with Transport Canada. In addition to the Transport Canada mandated topics, students will have access to Canadian Flight Trainers PSTAR Preparation Course, the opportunity to explore preparatory ground instruction for all of their flight lessons, and access to a Radio Examiner to earn their ROC-A Certificate.

The course will draw upon Transport Canada's study guide for questions, guidance, and preparation. Videos will include practical application of the theoretical knowledge which will instill a deep level of understanding for students. The course is designed to go beyond the solo stage of flying and will draw upon topics from the Private and Commercial Course.

Learning Outcomes

After successfully completing our Private Pilot Ground School Course, you will be able to:

- Pass the PSTAR and PPAER Exams
- Examine and predict flying conditions based on meteorological data
- Prepare, plan and execute a cross-country flight to PPL Flight Test Standards
- Discuss the impact of applicable Air Regulations on typical flight
- Discuss aerodynamic principles as they relate to a light aircraft
- Describe pilot responsibilities as they relate to flight planning, cross country flying, aerodrome operations, wake turbulence and collision avoidance
- Describe the purpose and operation of flight instruments, airframes, engines and related engine parts



Teaching Philosophy

If we had a dime for every pilot that couldn't relate ground school knowledge to practical flying, we'd be rich. **We don't teach you to just pass an exam.** The course is designed in such a way to mimic the tasks you would face as a Private Pilot. We will immerse you in these activities, asking you to reflect and apply yourself in a way which goes beyond a multiple-choice exam. This will **save you money** and make you a **better Pilot** in the long term. We're different and we are proud of it.

Learning Activities and Assignments

You will have an opportunity to learn and demonstrate your learning through the following activities and assessments:

- Video Lectures and Lecture Notes
- Video Tutorials
- Assigned Readings
- Topics/Lesson Quizzes
- Self-reflection and critique through an online forum
- In-flight demonstration videos
- PSTAR Sample Exams
- PPAER Sample Exams

Topics to be Covered

You will learn about:

- Air Law as it pertains to the Private Pilot
- General Aviation Knowledge
- Pilot Responsibilities, Psychology, and Human Factors
- Navigation Principles and Planning
- Communication in Controlled and Uncontrolled Airspace
- Practical Meteorology Theory

Your Success

In order to be successful in this course, we recommend you fully engage and immerse yourself into the designed learning activities and assignments. As this course is a flat fee, any time spent participating in learning activities will lessen the cost of training later on and will better prepare you for your flight training. All students are required to participate in the first lesson on "Course Success." As such, **we expect you to participate to get the most out of the course.**



Letter of Ground School Completion

We are able to issue a letter which could be put towards your Private Pilot License Ground School. Upon course completion, e-mail the course instructor at the e-mail above and we will issue you a record of ground school.

Recommended Reading Materials

We recommend purchasing or obtaining access to the following supplemental materials:

- Flight Training Manual
- From the Ground Up
- Aeronautical Information Manual
- Pilot Operating Handbook of your aircraft

Additional Guidance and Help

This course is not just designed to help you pass the Transport Canada exam. Sometimes, you may find yourself stuck and needing some help. If you ever have any questions or need to reach out for assistance, please reach out to our staff using the online forums and we will do whatever is in our power to help and guide you through the course. **No question is off limits when it comes to your learning.**

This course is optimized to be accessed on a desktop computer or portable laptop using Google Chrome. The website and course may be accessed via a cell-phone, tablet or other programs, but user experience may go down.

Course Feedback

At all points throughout the course, we encourage students to provide feedback outlining topics or lessons they may have enjoyed or moments of difficulty. By providing feedback, it allows us to enhance your experience as well as that of others. **We encourage you to provide feedback whenever possible to us via the above communication methods without delay.**