



TRANSPORT CANADA CARS PART IX · BASIC OPERATIONS

Pegasus RPAS Basic Certification

A one-day, instructor-led ground school that prepares you — start to finish — to sit and pass the Transport Canada Small RPAS Basic Operations exam, and to fly legally and safely from day one.



DURATION

8 Hours



FORMAT

Live Virtual



OUTCOME

Exam-Ready



LEVEL

Beginner



Who This Course Is For



Complete Beginners

No prior drone or aviation experience required — every concept is explained from first principles before any regulation is introduced.



Students & Educators

Anyone 14 or older pursuing their first Transport Canada credential, including school and youth-program participants.



Small Business Owners

Real estate, photography/videography, agriculture, and construction professionals adding legal, certified drone services to their offering.



Hobbyists Going Legal

Recreational pilots who want to fly with full confidence that they understand and comply with CARs Part IX.



What You'll Learn

1

Introduction to Canadian RPAS Operations

What an RPAS is, Basic vs. Advanced, registration, and your core legal responsibilities.

2

Canadian Air Law

Airspace classes, airport/heliport distances, NOTAMs, forest fires, and right of way.

3

Navigation & Flight Planning

Charts, coordinates, UTC time, site surveys, and a full pre-flight planning checklist.

4

Weather

Reading METARs and TAFs, icing rules, and making a defensible go/no-go call.

5

RPAS Systems

Aircraft components, battery safety, sensors, firmware, and pre-flight inspection.

6

Human Factors

The IMSAFE checklist, fatigue and alcohol rules, stress, and crew resource management.

7

Theory of Flight

The four forces of flight and how a multi-rotor aircraft actually controls itself.

8

Practical Flight Operations

Emergency procedures, mission planning capstone, and a full 20-question mock exam.



What's Included



8 hours of live, instructor-led virtual training

Small-group format with real-time Q&A, not a pre-recorded course.



Full digital student workbook

All 8 modules with CAR references, worked examples, and practice questions.



Hands-on & interactive exercises

Decision flowcharts, real-world video case studies, an aircraft inspection activity, and a capstone mission-planning exercise.



20-question mock exam

An integrated final review spanning every module, before you sit the real Transport Canada exam.



Skystone Certificate of Completion

Documentation of your ground-school training, separate from your Transport Canada Pilot Certificate.



Post-course instructor support

Email access to your instructor for follow-up questions as you prepare for exam day.



Course Schedule (i.e. full day course schedule)

9:00 – 9:45 AM



Module 1 — Introduction to Canadian RPAS Operations

45 minutes

9:45 – 10:45 AM



Module 2 — Canadian Air Law

60 minutes

10:45 – 11:45 AM



Module 3 — Navigation & Flight Planning

60 minutes

11:45 – 12:45 PM



Module 4 — Weather

60 minutes

12:45 – 1:30 PM



Lunch Break

45 minutes

1:30 – 2:30 PM



Module 5 — RPAS Systems

60 minutes

2:30 – 3:15 PM



Module 6 — Human Factors

45 minutes

3:15 – 4:00 PM



Module 7 — Theory of Flight

45 minutes

4:00 – 5:15 PM



Module 8 — Practical Flight Operations & Mock Exam

75 minutes · includes capstone mission-planning exercise

Schedule shown for a 9:00 AM start; exact timing may shift slightly by session. Short breaks are built into each module.



Career Opportunities

A Basic Pilot Certificate is the entry point into paid drone work in uncontrolled airspace. Many higher-value commercial jobs (flying over people, near airports, or in controlled airspace) require an Advanced Certificate — a natural next step once you're flying confidently.



Aerial Photography & Video

Real estate listings, events, and marketing content for local businesses.



Agriculture & Land

Crop and property monitoring for farms and rural landowners.



Small Business Services

Adding a certified drone offering to an existing photography, media, or inspection business.

Frequently Asked Questions

Do I need any prior experience with drones?

No. This course is built for complete beginners and assumes no prior flying or aviation background.

Does this course include the Transport Canada exam itself?

No — this is ground-school preparation. The official Basic exam is written separately, online, through Transport Canada's Drone Management Portal, for a small fee set by Transport Canada.

Do I need to own a drone to take this course?

No drone is required to attend. Module 5's inspection activity uses instructor-provided visuals or an aircraft on hand, not one you need to bring.

What's the minimum age?

Transport Canada requires pilots to be at least 14 years old to hold a Basic Pilot Certificate.

What if I don't pass the real exam on my first try?

Transport Canada allows the exam to be rewritten after a short waiting period. Your instructor remains available by email to help you review before a retake.

Ready to Get Certified?

Visit myskystone.com to reserve your seat in the next session.