



Adam Penner  
Student



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### Progress Bar

NOW



Mouse over block for info



### Activities

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### Navigation

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- Dashboard
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    - ts
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## Recreational Pilot Permit

Welcome to our Recreational Pilot online ground school!

### Course Objectives

- To provide students with the background knowledge required to operate as a safe pilot.
- To prepare for the successful completion of the Recreational Pilot written exam.



Course Tutorial - READ THIS FIRST!



Canadian Aviation Glossary



Study and Reference Guide - Recreational Pilot Permit



Flight Test Guide - Recreational Pilot Permit



Recreational Pilot Permit: Examination Overview



About the Instructor

**A record of ground school will be available for those students who correct each quiz to 100% excluding the topic quizzes and practice exams. A letter of recommend for the written exam will depend on the final practice exams.**



Recreational Pilot Permit Record of Ground School

Not available unless:

- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total

My courses




## Administration

Course  
administration

 Grades

Question  
bank

Switch role to...

 Return to  
my normal  
role

Site  
administration



## Enrolment

Your enrolment in  
Recreational Pilot  
Permit does not  
expire.

- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total
- You achieve a required score in Category total



### Quiz Completion Tips!

Instructions on how the quiz and grading system works.

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## Airframes, Engines, and Systems

Topic

1



Assigned Reading - From the Ground Up



Aircraft Familiarization Presentation



Aircraft Familiarization Quiz



Airframes Presentation



Airframes Quiz



Landing Gear, Brakes and Flaps Presentation



Landing Gear, Brakes, and Flaps Quiz



Piston Engines Presentation



Piston Engines Quiz



O320 Engine Demo



Carburetor Presentation



Carburetor Quiz



Electrical System Presentation



Electrical System Quiz



Lubricating Systems Presentation



Lubricating Systems and Oils Quiz



Fuel System Presentation



Fuel Systems and Fuels Quiz



Other Aircraft Systems



Other Aircraft Systems Quiz



Question/Discussion Forum: airframes, engines, and systems

## Theory of Flight

2

Topic

2



Assigned Reading - From the Ground Up



Principles of Flight Presentation



Principles of Flight Quiz



Forces Acting on an Aircraft Presentation



Forces Acting on an Aircraft Quiz



Aerofoils Presentation



Aerofoils Quiz



Propellers (Fixed Pitch)



Propellers Quiz



Design of the Wing Presentation



Design of the Wing Quiz



Load Factor Presentation



Load Factor Quiz



Stability Presentation



Stability Quiz



Flight Controls Presentation



Flight Controls Quiz



Question/Discussion Forum: Theory of Flight

3

## Flight Operations & Aircraft Performance

Topic

3



Assigned Reading - From the Ground Up



Flight Operations Presentation



Flight Operations Quiz



Aircraft Performance Presentation



Aircraft Performance Quiz



Aircraft Critical Surface Contamination Presentation



Aircraft Critical Surface Contamination Quiz



Use of Performance Charts Presentation



Use of Performance Charts Quiz



Weight and Balance Presentation



Weight and Balance Presentation Part 2



Calculating Weight and Balance for a Cessna 152  
Video



Wake Turbulence



Wake Turbulence Quiz



Search and Rescue (SAR) Presentation



Search and Rescue (SAR) Quiz



Emergency Locator Transmitter (ELT) Presentation



Emergency Locator Transmitter (ELT) Quiz



Question/Discussion Forum: Flight Operations and Aircraft  
Performance

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## Pilot Decision Making and Human Factors

Topic

4



Assigned Reading - From the Ground Up



Aviation Physiology Presentation



Aviation Physiology Quiz



Pilot Decision Making Presentation



Pilot Decision Making Quiz



The Pilot and the Operating Environment Presentation



The Pilot and the Operating Environment Quiz



Aviation Psychology Presentation



Aviation Psychology Quiz



Pilot - Equipment/Materials Relationship Presentation



Pilot - Equipment / Materials Relationship Quiz



Interpersonal Relations Presentation



Interpersonal Relations Quiz



Cockpit Resource Management (CRM)



Cockpit Resource Management (CRM) Quiz



Visual Illusions Presentation



Visual Illusions Quiz



Question/Discussion Forum: Pilot Decision Making and  
Human Factors

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## Flight Instruments

Topic  
5

Assigned Reading - From the Ground Up



Pitot Static System



Pitot Static System Quiz



Airspeed Indicator Presentation



Airspeed Indicator Quiz



Single Engine Airspeeds and Definitions Presentation



Single Engine Airspeeds and Definitions Quiz



Vertical Speed Indicator Presentation



Vertical Speed Indicator Quiz



Altimeter/Encoding Altimeter Presentation



Altimeter Quiz



Compass Presentation



Compass Quiz



Gyroscope Presentation



Gyroscope Quiz



Heading Indicator Presentation



Heading Indicator Quiz



Attitude Indicator Presentation



Attitude Indicator Quiz



Turn and Bank Indicator/ Turn Co-ordinator Presentation



Turn and Bank Indicator/Turn Co-ordinator Quiz



Question/Discussion Forum: Flight Instruments

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## Basic Meteorology

Topic  
6

Assigned Reading - From the Ground Up



The Earth's Atmosphere Presentation














The Earth's Atmosphere Quiz



Atmospheric Pressure Presentation



Atmospheric Pressure Quiz


















-  Meteorological Aspects of Altimetry Presentation
-  Meteorological Aspects of Altimetry Quiz
-  Temperature Presentation
-  Temperature Quiz
-  Moisture Presentation
-  Moisture Quiz
-  Stability and Instability Presentation
-  Stability and Instability Quiz
-  Clouds Presentation
-  Clouds Quiz
-  Question/Discussion Forum: Basic Meteorology

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## Advanced Meteorology

Topic

7

-  Assigned Reading - From the Ground Up
-  Turbulence Presentation
-  Turbulence Quiz
-  Wind Presentation
-  Wind Quiz
-  Air Masses Presentation
-  Air Masses Quiz
-  Fronts and Frontal Weather Presentation
-  Fronts and Frontal Weather Quiz
-  Thunderstorms Presentation
-  Time Lapse Storms (Bonus Video)
-  Thunderstorms Quiz
-  Surface Based Layers Presentation
-  Surface Based Layers Quiz
-  Aircraft Icing Presentation
-  Aircraft Icing Quiz
-  Question/Discussion Forum: Advanced Meteorology

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## Weather Services

Topic  
8

Assigned Reading - From the Ground Up



Meteorological Services Available to Pilots Presentation



Meteorological Services Available to Pilots Quiz



Aviation Weather Reports Presentation



Aviation Weather Reports Quiz



NOTAMs Presentation



NOTAM Quiz



Graphical Area Forecast (GFA) Presentation



GFA Quiz



Aviation Weather Forecasts Presentation



Aviation Weather Forecasts Quiz



NavCanada Flight Planning and Weather Website



Question/Discussion Forum: Weather Services

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## Navigation 1: Flight Planning

Topic  
9

Assigned Reading - From the Ground Up



Flight Computer E6B Video Tutorial



E6B Flight Computer Emulator (test your flight computer skills)



Navigation Definitions Presentation



Navigation Definitions Quiz



Aeronautical Charts Presentation



Aeronautical Charts Quiz



Map Legends Presentation



Map Legends Quiz



Canada Flight Supplement (CFS) Presentation









Canadian Flight Supplement (CFS)



Canada Flight Supplement (CFS) Quiz















Time and Longitude Presentation

-  Time and Longitude Quiz
-  Pilot Navigation Presentation
-  Pilot Navigation Quiz
-  Flight Service Station (FSS)
-  Flight Service Station (FSS)
-  Question/Discussion Forum: Navigation 1: Flight Planning

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## Navigation 2: Practical Navigation









Topic  
10

-  Assigned Reading - From the Ground Up
-  Navigation Log
-  Filling In A Navlog Presentation
-  Navigation Computers Presentation
-  Navigation Computers Quiz
-  Triangle of Velocity Presentation
-  Triangle of Velocity Quiz
-  Pre-Flight Preparation Presentation
-  Pre-Flight Preparation Quiz
-  Cross Country planning CYAV to CYBR
-  St. Andrews - Brandon
-  Question/Discussion Forum: Navigation 2: Practical Navigation











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## Air Regulations 1

Topic  
11

-  Assigned Reading - From the Ground Up
-  General Provisions Presentation
-  General Provisions Quiz
-  Aerodromes and Airports Presentation
-  Aerodromes and Airports Quiz
-  Personnel Licensing and Training
-  Personnel Licensing and Training Quiz
-  Airspace Structure Classification and Use Presentation












-  Airspace Structure Classification and Use Quiz
-  Forest Fire Flight Restrictions Presentation
-  Forest Fire Restrictions Quiz
-  Operating and Flight Rules Presentation
-  Operating and Flight Rules Quiz
-  Operational and Emergency Equipment Requirements
-  Operational and Emergency Equipment Requirements Quiz
-  Flight Preparation, Flight Plans and Flight Itineraries
-  Flight Preparation, Flight Plans and Flight Itineraries Quiz
-  Aircraft Documents Presentation
-  Aircraft Documents Quiz
-  Question/Discussion Forum: Air Regulations 1

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## Air Regulations 2

Topic  
12

-  Assigned Reading - From the Ground Up
-  Operations at or in the Vicinity of an Aerodrome Presentation
-  Operation at or in the Vicinity of an Aerodrome Quiz
-  Visual Flight Rules Presentation
-  Visual Flight Rules Quiz
-  Radio Communications Presentation
-  Radio Communication Quiz
-  Emergency Communications and Security Presentation
-  Emergency Communications and Security Quiz
-  Aircraft Equipment Requirements
-  Aircraft Equipment Requirements Quiz
-  Technical Maintenance Records Requirements Presentation
-  Aircraft Maintenance Requirements Technical Records Quiz
-  Aircraft Maintenance Requirements Presentation
-  Aircraft Maintenance Requirements Quiz



Miscellaneous Presentation



Air Law - Miscellaneous Quiz



Transportation Safety Board of Canada (TSB) Presentation



Transportation Safety Board of Canada (TSB) Quiz



Air Traffic Services and Procedures Presentation



Air Traffic Services and Procedures Quiz



CADORS Presentation



CADORS Quiz



Question/Discussion Forum: Air Regulations 2

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## Practice Exams

Topic

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Practice Examination 1



Practice Examination 2



Practice Examination 3



Practice Examination 4



Practice Examination 5



Question/Discussion Forum: Practice Examinations

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