



Adam Penner
Student



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Badges

My courses

Flight Instructor Ground School

Welcome to our Flight Instructor online ground school!

The course is designed to work from the top on down, but it can be completed in any order you prefer.



Course Tutorial - READ THIS FIRST!



AIRIF Feedback



Flight Instructor Written Test Guide



Flight Instructor Flight Test Guide



Aaron Doherty



AIRAF (Class IV instructor) feedback



AIRAT (Class II and I) feedback



Activities



Forums



Quizzes



Resources

1

Air Law: Review of the Basics

Topic

1



Administration

Course

administration



Grades

Question
bank

Switch role to...



General Presentation



General Provisions Quiz



Aerodromes and Airports Presentation




Aerodromes and Airports Quiz



Personal Licensing and Training



Personnel Licensing and Training Quiz

 Return to
my normal
role

Site
administration



Enrolment



Your enrolment in
Flight Instructor
Rating does not
expire.



Airspace Structure, Classification and Use Presentation



Airspace Structure, Classification and Use Quiz



Forest Fire Flight Restrictions Presentation



Forest Fire Flight Restrictions Quiz



Operating and Flight Rules Presentation



Operating and Flight Rules Quiz



Operational and Emergency Equipment Requirements
Presentation



Operational and Emergency Equipment Requirements
Quiz



Flight Preparation, Flight Plans and Flight Itineraries
Presentation



Flight Preparation, Flight Plans and Flight Itineraries Quiz



Pre-Flight and Fuel Requirements Presentation



Pre-Flight and Fuel Requirements Quiz

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Air Law: VFR Procedures

Topic

2



Operations at or in the Vicinity of an Aerodrome Presentation



Operations at or in the Vicinity of an Aerodrome Quiz



Visual Flight Rules Presentation



Visual Flight Rules Quiz



Radio Communications Presentation



Radio Communications Quiz



Emergency Communications and Security Presentation



Emergency Communications and Security Quiz



Aircraft Requirements Presentation



Aircraft Requirements Quiz



Transportation Safety Board Presentation



Transportation Safety Board Quiz



Air Traffic Services and Procedures Presentation



Air Traffic Services and Procedures Quiz



Question/Discussion Forum: Air Law: VFR Procedures

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Air Law: Aircraft

Topic
3

Documents Presentation



Documents Quiz



Aircraft Equipment Requirements Presentation



Aircraft Equipment Requirements Quiz



Aircraft Maintenance Requirements Presentation



Aircraft Maintenance Requirements Quiz

Aircraft Maintenance Requirements Technical Records
Presentation

Technical Maintenance Records Requirements Quiz



Commercial Maintenance System



Commercial Maintenance System Quiz



Miscellaneous Presentation



Miscellaneous Quiz



Question/Discussion Forum: Air Law: Aircraft

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Airframes, Engines, and Aircraft Systems

Topic
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Airframes Presentation



Airframes Quiz



Landing Gear, Brakes and Flaps Presentation



Landing Gear, Brakes and Flaps Quiz



Piston Engine Presentation



Piston Engine Quiz



Propellers (Variable Pitch) Presentation



Propellers (Fixed Pitch) Presentation



Propellers Quiz



Constant Speed Propellers Presentation














Constant Speed Propellers Quiz



Carburetor Presentation



Carburetor Quiz














-  Fuel Injection Presentation
 -  Fuel Injection Quiz
-  Electrical System Presentation
 -  Electrical System Quiz
-  Lubricating Systems and Oils Presentation
 -  Lubricating Systems and Oils Quiz
-  Fuel System and Fuels Presentation
 -  Fuel Systems and Fuels Quiz
-  Other Aircraft Systems Presentation
 -  Other Aircraft Systems Quiz
-  Question/Discussion Forum: Air Law: Airframes, Engines, and Aircraft Systems

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Theory of Flight

Topic

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-  Principles of Flight Presentation
 -  Principles of Flight Quiz
-  Forces Acting on an Aircraft Presentation
 -  Forces Acting on an Aircraft Quiz
-  Aerofoils Presentation
 -  Aerofoils 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
-  Rule of Thumb
-  Question/Discussion Forum: Theory of Flight

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Flight Operations

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Flight Operations General Presentation



Flight Operations General Quiz



Wake Turbulence Presentation



Wake Turbulence Quiz



Search and Rescue (SAR) Presentation



Search and Rescue Quiz



Aircraft Critical Surface Contamination Presentation



Aircraft Critical Surface Contamination Quiz



Aircraft Icing Presentation



Aircraft Icing Quiz



Weight and Balance Presentation Part 1



Weight and Balance Presentation Part 2



Weight and Balance Quiz



Weight Shift Presentation



Weight Shift Quiz



Question/Discussion Forum: Flight Operations

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Aircraft Performance

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Aircraft Performance Presentation



Aircraft Performance Quiz



Use of Performance Charts Presentation



Use of Performance Charts Quiz



Rule of Thumb



Aircraft Performance Quiz





















Question/Discussion Forum: Aircraft Performance

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Pilot Decision Making and Human Factors

Topic
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Spatial Orientation Presentation












-  Spatial Orientation Quiz
-  Visual Illusions Presentation
-  Visual Illusions Quiz
-  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) Presentation
-  Cockpit Resource Management (CRM) Quiz
-  Question/Discussion Forum: Pilot Decision Making and Human Factors













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-  Pitot Static System Quiz
-  Airspeed Indicator Presentation
-  Airspeed Indicator Quiz
-  Airspeeds and Definitions Presentation
-  Airspeeds and Definitions Quiz
-  Vertical Speed Indicator Presentation
-  Vertical Speed Indicator Quiz
-  Altimeter/Encoding Altimeter Presentation
-  Altimeter/Encoding Altimeters Quiz
-  Magnetic Compass Presentation

-  Magnetic 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
-  Instrument Flying Presentation
-  Instruments Flying Quiz
-  Question/Discussion Forum: Flight Instruments

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-  Preparing Lesson Plans - PDF
-  Preparing Lesson Plans Presentation
-  How To Give A Lesson Plan Video
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-  Preparing Lesson Plans Quiz

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-  Learning Factors Presentation
-  Learning Factors Quiz
-  Types of Instruction
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-  Oral Questions Presentation
-  Oral Questions Quiz
-  Instructional Techniques Presentation
-  Instructional Techniques Quiz
-  Demonstration Performance Method Presentation

-  Demonstration Performance Method Quiz
-  Developmental Teaching
-  Developmental Teaching Video
-  Student Progress Presentation
-  Student Progress Quiz
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-  Instructor Qualities and Responsibilities Presentation
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Multi Engine Rating





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-  Multi Engine Instructor Handbook
-  Multi-Engine Class Rating - Aeroplane
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-  Question/Discussion Forum: Multi Engine Rating

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-  Flight Test Guide - Instrument Rating
-  Instructor Guide — GPS
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-  Supervision Plan
-  Question/Discussion Forum: Supervision

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Licencing Requirements

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-  Licencing Requirements



Licensing Requirements Quiz



Question/Discussion Forum: Licensing Requirements

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Flight Test Guide - Recreational Pilot Permit - Aeroplane



Flight Test Guide - Private Pilot Licence -Flight Test Guide - Private Pilot License - Aeroplane Aeroplane



Flight Test Guide - Flight Test Guide - Commercial Pilot License - Aeroplane Commercial Pilot Licence - Aeroplane



Instructor Guide — VFR Over-the-Top Rating



VFR Navigation Progress Test Guide



Question/Discussion Forum: Flight Test Guides

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Practice Exams

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Practice Exam 1



Practice Exam 2



Practice Exam 3



Practice Exam 4



AIRAT Practice Exam 1



AIRAT Practice Exam 2



Flight Instructor Rating Certificate - Class 4

Not available unless:

- You achieve a required score in Practice Exam 1
- You achieve a required score in Practice Exam 2
- You achieve a required score in Practice Exam 3
- You achieve a required score in Practice Exam 4



Flight Instructor Rating Certificate - Class 2

Not available unless:

- You achieve a required score in AIRAT Practice Exam 1
- You achieve a required score in AIRAT Practice Exam 2



Flight Instructor Rating Certificate - Class 1

Not available unless:

- You achieve a required score in AIRAT Practice Exam 1
- You achieve a required score in AIRAT Practice Exam 2



Question/Discussion Forum: Practice Exams

 E-mail: admin@pilottraining.ca

