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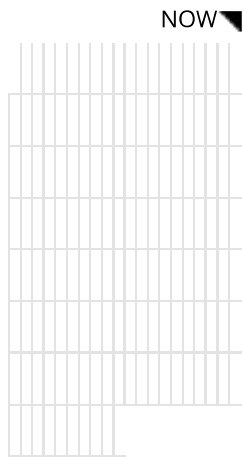


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Progress Bar



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IATRA

Welcome to the IATRA Ground School! Course

Objectives

- To provide the pilot with the background knowledge required to operate as a safe, professional pilot.
- Prepare the candidate for the IATRA Airline Transport examination.



News Forum



Study and Reference Guide - IATRA Examination - Aeroplane Type Rating for Two Crew or Cruise Relief Pilot



IATRA Glossary



Air Command Weather Manual



Navigation

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Air Law and Procedures 1

Topic
1



General Provisions



General Provisions Quiz



Personnel Licensing and Training



Personnel Licensing and Training Quiz



Operating and Flight Rules Presentation



Operating and Flight Rules Quiz







Airspace Structure, Classification and Use Presentation



Airspace Structure, Classification and Use Quiz



Activities

-  Forums
-  Glossaries
-  Quizzes
-  Resources




Administration

Course administration

 Grades

Question bank


Switch role to...

 Return to my normal role


Site administration


 Flight Preparation, Flight Plans and Flight Itineraries Presentation

 Flight Preparation, Flight Plans and Flight Itineraries Quiz

 VFR Operations at or in the Vicinity of an Aerodrome Presentation

 VFR Operation at or in the Vicinity of an Aerodrome Quiz

 IFR Operations at or in the Vicinity of an Aerodrome

 IFR operation at or in the Vicinity of an Aerodrome Quiz

 Aircraft Requirements Presentation

 Aircraft Requirements Quiz

 Aircraft Equipment Requirements Presentation

 Aircraft Equipment Requirements Quiz

 Aircraft Maintenance Requirements

 Aircraft Maintenance Requirements

 Aircraft Maintenance Technical Records

 Aircraft Maintenance Technical Records Quiz

 Commercial Maintenance System

 Commercial Maintenance System

 Air Law and Procedures 1 Forum



Enrolment

Your enrolment in Aeroplane Type Rating for Two Crew or Cruise Relief Pilot does not expire.

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Air Law and Procedures 2

Topic
2

 General Commercial Air Services Presentation

 General Commercial Air Services Quiz

 Commuter Operations Presentation


 Commuter Operations Quiz

 Airline Operations Part 1 Presentation

 Airline Operations Part 1 Quiz













 Airline Operations Part 2 Presentation

 Airline Operations Part 2 Quiz

 Flight Time and Flight Duty Time Limitations and Rest Presentation

 Flight Time And Flight Duty Time Limitations Quiz
















 Type Ratings Presentation

-  Type Ratings Quiz
-  Operations in High Level Domestic Airspace Presentation
-  Operations in High Level Domestic Airspace Quiz
-  ATC Special Procedures Presentation
-  ATC Special Procedures Quiz
-  Transportation Safety Board of Canada (TSB) Presentation
-  Transportation Safety Board Of Canada (TSB) Quiz
-  Air Traffic Services Procedures Presentation
-  Air Traffic Services and Procedures Quiz
-  Altimeter Setting Procedures Presentation
-  Altimeter Setting Procedures Quiz
-  Air Law and Procedures 2 Forum

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Air Law and Procedures 3

Topic
3

-  Reduced Vertical Separation Minima Presentation
-  RVSM Quiz
-  RNP-C-Required Navigation Performance Capability Presentation
-  RNP-C Quiz
-  CMNPS -Canadian Minimum Navigation Performance Specification Presentation
-  CMNPS Quiz
-  NAT's- North Atlantic Operations Presentation
-  NAT's- North Atlantic Operations Quiz
-  Safety Management Systems Introduction Presentation
-  Safety Management Systems Quiz
-  Safety Management Systems Application Presentation
-  Safety Management Systems Application Quiz
-  CADORS Presentation
-  CADORS Quiz
-  Air Law and Procedures 3 Forum

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Airframes, Engines, Propellers, and Aircraft Systems

Topic

4



Airframes Presentation



Airframes Quiz



Wing Sweep Presentation



Wing Sweep Quiz



Winglets Presentation



Winglets Quiz



Specific Fuel Consumption Presentation



Specific Fuel Consumption Quiz



Turbine Engines Presentation



Rolls-Royce - Model 250 Turbine Engine Demo



Turbine Engines Quiz



Engines Presentation



Engines Quiz



Propellers Theory Presentation



Propellers (Variable Pitch) Presentation



Propellers Quiz



Aircraft Systems 1 Presentation



Aircraft Systems 1 Quiz



Aircraft Systems 2: Aircraft De-icing and Anti-icing Presentation



Aircraft Systems 2: Aircraft De-icing and Anti-icing Quiz



Aircraft Systems 3 Presentation



Aircraft Systems 3 Quiz



Aircraft Systems 4 Presentation



Aircraft Systems 4 Quiz



Oxygen and Pressurization Systems Presentation



Oxygen and Pressurization Systems Quiz



Oxygen Equipment Presentation



Oxygen Equipment Quiz



Manifold Pressure Presentation



Manifold Pressure Quiz



Airframes, Engines, Propellers, and Aircraft Systems Forum

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Meteorology

Topic

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The Big Picture of Weather Presentation



The Big Picture of Weather Quiz



The Earth's Atmosphere Presentation



The Earth's Atmosphere Quiz



Atmospheric Effects on Flight Presentation



The Seasons Presentation



The Seasons 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



Wind Presentation



Wind Quiz



Air Masses Presentation



Air Masses Quiz



Fronts and Frontal Weather Presentation



Fronts and Frontal Weather Quiz



Surface Based Layers Presentation



Surface Based Layers Quiz



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Meteorology 2

Topic

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Aircraft Icing Presentation



Aircraft Icing Quiz



Airborne Weather Radar Presentation



Airborne Weather Radar Quiz



Weather Radar



Weather Radar Quiz



Thunderstorms Presentation



Thunderstorms Quiz



Mountain Wave Presentation



Mountain Wave Quiz



Turbulence Presentation



Turbulence Quiz



Meteorological Services for Pilots Presentation



Meteorological Services for Pilots Quiz



Aviation Weather Reports Presentation



Aviation Weather Reports Quiz



Aviation Weather Forecasts Presentation



Aviation Weather Forecasts Quiz



Weather Maps and Prognostic Charts Presentation



Weather Maps and Prognostic Charts Quiz



Graphical Area Forecast (GFA) Presentation



Graphical Area Forecast (GFA) Quiz



Satellite Imagery



Satellite Imagery Quiz



Wind Shear Presentation



Wind Shear Quiz



Jet Streams



Jet Streams Quiz



Must Know for the Exam



Meteorology Review Quiz



Weather Detection Systems



Meteorology 2 Forum

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Flight Instruments

Topic

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Pitot Static System Presentation



Pitot Static Simulator



Pitot Static System Quiz



Machmeter Presentation



Machmeter Quiz



Radar Altimeter



Radar Altimeter Quiz



Altimeter/Encoding Altimeters Presentation



Altimeter/Encoding Altimeters Quiz



Turn and Bank Indicator/Turn Co-ordinator Presentation



Turn and Bank Indicator/Turn Co-ordinator Quiz



Attitude Indicator



Attitude Indicator Quiz



Airspeed Indicator Presentation



DME and VHF Reception Distances Presentation



DME and VHF Reception Distances Quiz



RMI Presentation



RMI Simulator



RMI Quiz



HSI Presentation



HSI Simulator



HSI Quiz 1














HSI Quiz 2



Angle of Attack Indicator
































Angle Of Attack Indicator Quiz

-  EFIS Presentation
-  EFIS Quiz
-  FMS Presentation
-  FMS Quiz
-  Engine Instruments Presentation
-  Engine Instruments Quiz
-  Compass Systems Presentation
-  Compass Systems Quiz
-  Gyroscope Presentation
-  Gyroscope Quiz
-  Flight Instruments Forum

8 Navigation

Topic
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-  General Navigation Terms Presentation
-  General Navigation Terms Quiz
-  Maps and Charts Presentation
-  Maps and Charts Quiz
-  1:60 Rule Presentation
-  Time and Longitude Presentation
-  Time and Longitude Quiz
-  Pilot Navigation Presentation
-  Pilot Navigation Quiz
-  Zero Fuel Weight Presentation
-  Zero Fuel Weight Quiz
-  Flight Preparation, Flight Plans & Flight Itineraries Presentation
-  Flight Preparation, Flight Plans and Flight Itineraries Quiz
-  Weight and Balance Presentation
-  Weight and Balance Quiz
-  Segmented Passenger Weights
-  Segmented Passenger Weights Quiz
-  Weight Shift Presentation

















-  Graphing Questions - Weight and Balance
 -  Weight Shift Quiz
-  Critical Point Presentation
 -  Critical Point Quiz
-  Point of No Return (PNR) Presentation
 -  Point of No Return (PNR) Quiz
-  NOTAM Presentation
 -  NOTAM Quiz
-  Transponder Presentation
 -  Transponder Quiz
-  Navigation Forum

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Navigation Aids and Radio Communications

Topic
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-  Radio Theory Presentation
 -  Radio Theory Quiz
-  Emergency Locator Transmitter (ELT) Presentation
 -  Emergency Locator Transmitter (ELT) Quiz
-  Radar Presentation
 -  Radar Quiz
-  Other Radio and Radar Aids Presentation
 -  Other Radio and Radar Aids Quiz
-  Automatic Direction Finder (ADF) Presentation
-  ADF intercepts using Fixed Card Presentation
-  ADF Simulator
 -  Automatic Direction Finder (ADF) Quiz
-  VOR Presentation
-  VOR Simulator
-  VOR Intercept Presentation
 -  VOR Quiz
-  IFR DME Presentation
 -  IFR DME Quiz














-  Area Navigation (RNAV) Presentation
-  Area Navigation (RNAV) Quiz
-  Inertial Navigation System (INS) Presentation
-  Inertial Navigation System (INS) Quiz
-  Instrument Landing System (ILS) Presentation
-  Instrument Landing System Quiz
-  VASI/PAPI Presentation
-  VASI/PAPI Quiz
-  GNSS Part 1 Presentation
-  GNSS Part 1 Quiz
-  GNSS Part 2 Presentation
-  GNSS Part 2 Quiz
-  Performance Based Navigation
-  Performance Based Navigation Quiz
-  IATRA Radio Navigation Quiz
-  Navigation Aids and Radio Communications Forum











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Flight Operations

Topic














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-  Cruising for Range and Endurance Presentation
-  Cruising for Range and Endurance Quiz
-  V Speeds
-  V Speeds Quiz
-  Vmcg Presentation
-  Vmcg Quiz
-  Hydroplaning Presentation
-  Hydroplaning Quiz
-  Wind Shear
-  Wind Shear Quiz
-  Landing Techniques Presentation
-  Landing Techniques Quiz
-  ATPL Charts and Graphs Presentation

-  ATPL Charts and Graphs Quiz
-  Take-off and Landing Distances Presentation
-  Take Off and Landing Distances Quiz
-  Aircraft Critical Surface Contamination Presentation
-  Aircraft Critical Surface Contamination Quiz
-  Wake Turbulence Presentation
-  Wake Turbulence Quiz
-  Effects of Compressibility
-  Effects of Compressibility Quiz
-  Flight Operations Forum




11 Theory of Flight























Topic
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-  Load Factor Presentation
-  Load Factor Quiz
-  Forces Acting on an Aircraft Presentation
-  Forces Acting on an Aircraft
-  Aerofoils Presentation
-  Aerofoils Quiz
-  Design of the Wing Presentation
-  Design of the Wing Quiz
-  High Speed Flight Characteristics Presentation
-  High Speed Aerodynamics Quiz
-  Upset Recovery Presentation
-  Upset Recovery Quiz
-  Theory of Flight Forum

12 Human Factors

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-  Visual Illusions Presentation
-  Visual Illusions Quiz
-  Spatial Orientation Presentation






-  Spatial Orientation Quiz
-  Where Accidents Happen Presentation
-  Where Accidents Happen Quiz
-  Aviation Physiology Presentation
-  Aviation Physiology Quiz
-  The Pilot and the Operating Environment Presentation
-  The Pilot and the Operating Environment Quiz
-  Aviation Psychology Presentation
-  Aviation Psychology Quiz
-  Pilot Vision Presentation
-  Pilot Vision Quiz
-  Carbon Monoxide Presentation
-  Carbon Monoxide Quiz
-  Pilot - Equipment Relationship Presentation
-  Pilot - Equipment Relationship Quiz
-  Interpersonal Relations Presentation
-  Interpersonal Relations Quiz
-  Cockpit Resource Management (CRM) Presentation
-  Cockpit Resource Management (CRM) Quiz
-  Pilot Decision Making Presentation
-  Pilot Decision Making Quiz
-  Human Factors Forum

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Practice Exams

Topic

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-  IATRA Practice Exam #1
-  IATRA Practice Exam #2
-  IATRA Practice Exam #3
-  IATRA Practice Exam #4
-  Practice Exams Forum

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