

ICAO RATING SCALE for Operational Level 4

Can communicate effectively in voice-only (telephone/radiotelephone) and in face-to-face situations.

Can communicate on common, concrete and work-related topics with accuracy and clarity.

Can use appropriate communicative strategies to exchange messages and to recognize and resolve misunderstandings (e.g., to check, confirm or clarify information) in a general or work-related context.

Can handle successfully and with relative ease the linguistic challenges presented by a complication or unexpected turn of events that occurs within the context of a routine work situation or communicative task with which they are otherwise familiar.

Can use a dialect or accent which is intelligible to the aeronautical community.

ONLINE COURSE				IN-CLASS LESSONS			
MODULE	HOW TO ... (Speaking and Listening)	VOCABULARY TOPICS	READING	LESSON 1	LESSON 2	LESSON 3	LESSON 4
MODULE 1 Air Traffic Navigation	<p>Ask questions about a pre-departure mechanical failure</p> <p>Describe the movement area of the airport</p> <p>Discuss communication and air traffic safety the impact of weather on inbound and outbound flights</p> <p>Give a vector</p>	<p>Communication</p> <p>Safety Hazards</p> <p>ICAO Phraseology</p> <p>Transmitting</p> <p>Phonetic Alphabet</p> <p>Phonetic Numbers</p> <p>Airport Movement Area</p> <p>Navigation Systems and Aids</p> <p>Call Signs for Aeronautical Stations</p> <p>Approaches</p> <p>Aircraft Parts</p> <p>Emergencies</p>	<p>Article: Communications and Air Traffic Safety</p> <p>Description of the Movement Side of an Airport</p> <p>FAQs: Navigational Aids at an Airport</p> <p>PIREP: Rudder Malfunction Caused a Runway Excursion</p>	<p>Air Traffic Communication and Safety / Introducing Yourself as an ATC</p> <p>Reading and discussing a text: The Importance of a Common ATC Language and Air Traffic Safety</p> <p>Role-Play: Introducing Yourself: work experience, education and training, skills and qualifications</p>	<p>Describing the Movement Area of an Airport and Navigation Aids</p> <p>Reading a site map of an airport movement area</p> <p>Role-Play: Describing an airport's movement area</p> <p>Analyzing a chart describing radio navigation aids, lighting and tracking systems</p>	<p>Identifying Airplane Parts and Describing an Incident</p> <p>Classifying and labeling parts of an aircraft</p> <p>Listening to a radio exchange, taking notes and answering questions</p> <p>Expressing an opinion about an incident</p>	<p>Relaying Information about the Weather</p> <p>Discussing the impact of weather on aviation</p> <p>Listening to weather reports, taking notes and then relaying information using ICAO phraseology</p> <p>Practicing stress patterns: meteorological terms</p>

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MODULE 1 Air Traffic Navigation (CONTINUED)	<p>Give instructions to land an aircraft with rudder malfunction to deal with a mechanical failure on pre-departure</p> <p>Record ATIS reports</p> <p>Relay weather info</p> <p>Report on runway conditions ALS (Approach Lighting Systems)</p> <p>Talk about radar systems navigational aids</p>	Weather Advisories Weather Transmissions Weather Conditions ICAO Weather Abbreviations	<p>Article: The Impact of Weather on Aviation</p> <p>METAR and TAF Weather Advisories</p>	<p>Air Traffic Communication and Safety / Introducing Yourself as an ATC</p> <p>Listening to an interview and taking notes about an ATC's work experience, responsibilities and qualifications</p> <p>Analyzing a chart and writing a description about ATC responsibilities</p>	<p>Describing the Movement Area of an Airport and Navigation Aids</p> <p>Using prepositional words of position to describe an airport's movement area</p>	<p>Identifying Airplane Parts and Describing an Incident</p> <p>Using present simple to describe the function of different airplane parts</p> <p>Using the first conditional to describe what could happen if there is a mechanical malfunction</p>	<p>Relaying Information about the Weather</p>

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MODULE 2 From Pre-flight to Cruising	Allocate a new slot Control traffic Coordinate en route traffic Give instructions for push-back and start-up taxiing conditional clearance for take-off changing levels Inform a vehicle of aircraft ground movements Relay position and level Report traffic to aircraft Sequence departures Talk about rerouting flights	Aerodromes Flight Plan Information Ground Vehicles Reporting Incidents Airfield Weather Conditions Instructions for Start-up; Push-back; Taxi; Line-up; Departures Preparations and Take-off Positions Levels Directions Separation Route and Level Changes Landing Runway Crossing Equipment Delays and Holdings Confirming Messages Aircraft and Flights Avoiding Action Accidents	A Flight Plan An Incident Report Standard Instrument Departures (SIDs) Article: Inside the Control Tower Incident Report: False TCAS Alert Article: Two Near Misses Article: Mid-Air Collision	Flight Plans and Controlling Ground Movement Relaying flight plan information Discussing ground movements Listening and filling out a flight plan Practicing stress patterns: ground movement terms Interpreting a diagram of a taxiway incursion Writing an incident report of a taxiway incursion	From Departure Information to Take-off Clearance Listening to radio exchanges; giving departure information, clearance and taxi instructions; answering questions Practicing stress patterns: departure information terms Role-Play: Giving clearance for take-off	Managing Flight Levels and Positions Giving information and instructions to manage flight levels, level clearances, delays and holds Practicing pronunciation of terms used to manage flight levels and positions Role-Plays: - Giving an alert - What would the ATC say? Listening to radio exchanges about an ATC controlling two aircraft and answering questions	Relaying Traffic Information to Avoid Collisions Discussing factors contributing to a mid-air collision and the actions needed to avoid these incidents Interpreting diagrams and relaying traffic information Writing a description of a mid-air collision based on pictorial clues

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MODULE 3 In-flight Emergency Problems	Contact a pilot experiencing radio failure Get information about an attempted onboard hijacking a terrorist attack onboard medical emergencies Give diversion instructions Give instructions to a pilot experiencing instrument failure a bird strike Give instructions to a VFR pilot flying in IMC Give instructions to a pilot who has declared an emergency Handle a controlled ditching Relay information about emergencies to other aircraft	Emergency-related Problems Persons on Board Topographical Features / Terrain Types of Aircraft Engine Failure Medical Emergencies Security Issues Terrorist Threats Injuries Transmission Problems Readability Emergency Landings Emergency Equipment Instrument Failure Navigation Displays Warnings Overriding IFR-VFR Dealing with IMC Weather	Article: Downed by Bird Strike News Update: Two in One Day ATC Website: Incident Reports: Medical Emergency and Unruly Passengers ATC Seminar: Handling Terror Attacks Website: Incident of the Week: Rapid Decompression Controller's Report: Instrument Failure Website: Handling VFR Flights Encountering IMC	Bird Strike and Engine Failure Describing emergencies caused by a bird strike and engine failure Giving instructions for handling diversions due to emergencies Practicing stress patterns: terms used in a controlled ditching emergency Expressing opinions about an incident: What might have happened? Interpreting a series of pictures to explain what is happening	Medical Emergencies and Terrorist Threats Role-Play: Handling a medical emergency Listening to descriptions of an ATC handling: - a medical emergency - a terrorist threat and answering questions Practicing stress patterns: terrorist incident Interpreting a series of pictures about a hijacking and explaining what is happening	Decompression and Instrument Failure Discussing problems caused by sudden decompression and instrument failure Role-Plays: - Handling a case of decompression - Handling instrument failure - Reporting an incident Practicing stress patterns: instrument failure Using modals to describe what may / might / could / have happened in a picture of an incident	VFR Flights Encountering IMC Giving information and instructions to handle VFR flights encountering IMC Practicing stress patterns: diverting aircraft Role-Plays: - Relaying weather conditions to a VFR pilot - Describing a hard day at the Control Tower Listening to Tower operations in IMC conditions and answering questions

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MODULE 3 In-flight Emergency Problems (CONTINUED)	Relay information to another ATC about a bird strike a pilot experiencing radio failure Transmit instructions for an emergency landing a diversion to alternate airfields Transmit instructions to a pilot who is experiencing fumes in the cockpit			Bird Strike and Engine Failure Listening to a description of a bird strike and answering questions Role-Plays: - Responding to a pilot's request for diversions - Giving information to a controller in another airport - Confirming emergencies and giving priority landing	Medical Emergencies and Terrorist Threats Reviewing structures: Yes-No Questions Wh-Questions What would you do if ... ?	Decompression and Instrument Failure Using reported speech to report an incident of instrument failure	VFR Flights Encountering IMC Writing a list of the things that happened during a difficult shift

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MODULE 4 Approach and Landing Hazards	<p>Deal with an unidentified aircraft</p> <p>Give advice about handling emergencies</p> <p>Give instructions to aircraft joining and leaving the traffic circuit</p> <p>Give instructions for an ILS landing VOR landings</p> <p>Relay information about patches of water on the runway a non-operational VOR</p> <p>Report a hydraulic failure incident wind shear</p> <p>Resolve a situation with an aircraft lost due to instrument failure</p>	<p>Problems with Strayed and Unidentified Aircraft</p> <p>Navigation Phraseology</p> <p>Readability Scale</p> <p>Traffic Circuit Legs</p> <p>Joining the Traffic Circuit</p> <p>Separation</p> <p>Landing Clearances</p> <p>Delay Actions</p> <p>Expected Approach Time</p> <p>Vectoring for ILS</p> <p>Hydraulic Problems</p> <p>Navigation Problems</p> <p>Airplane Parts</p> <p>Wind Shear</p> <p>Weather</p> <p>Radio Communications</p> <p>Solving Communication Problems</p>	<p>Article: Strayed or Unidentified Aircraft</p> <p>Manual: Controlling the Traffic Circuit</p> <p>ATC Incident Reports</p> <p>ATC Report: Wind shear</p> <p>Online chat: Hydraulic Failure: Fly the World</p> <p>Article: Handling Radio Communication Failure</p> <p>Presentation: Handling Emergencies</p>	<p>Strayed and Unidentified Aircraft / Joining the Traffic Circuit</p> <p>Discussing: - the causes for strayed and unidentified aircraft - ATC responsibilities for managing strayed and unidentified aircraft</p> <p>Role-Play: Reporting an unidentified aircraft</p> <p>Listening and answering questions about an unidentified aircraft</p> <p>Managing the traffic circuit</p>	<p>ILS Approaches and Wind Shear</p> <p>Listening to a radio exchange about handling an ILS approach and answering questions</p> <p>Practicing stress patterns: weather and wind shear</p> <p>Role-Play: Dealing with extreme weather and wind shear</p> <p>Expressing opinions; agreeing and disagreeing about the objectives of an ATC labor union</p>	<p>Hydraulic and Communication Failure</p> <p>Discussing the causes, effects and management of hydraulic failure incidents</p> <p>Practicing stress patterns: hydraulic failure incidents</p> <p>Role-Plays: - Dealing with landing gear problems - Reporting radio communication failure</p> <p>Listening and answering questions about radio communication failure</p>	<p>Managing Emergencies</p> <p>Discussing tips for: - handling emergencies during the early stages of an emergency - getting information from the pilot/crew - handling other traffic - preparing for an emergency landing</p> <p>Listening to a lecture: Advice for managing emergencies, taking notes and answering questions</p> <p>Preparing a presentation: Tips for managing emergency situations</p>

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MODULE 4 Approach and Landing Hazards (CONTINUED)		Orders and Read-back Emergency Terms Instructions and Read-back Aviation Distress Frequencies		Strayed and Unidentified Aircraft / Joining the Traffic Circuit Giving aircraft instructions to join the traffic circuit Practicing stress patterns: managing the traffic circuit	ILS Approaches and Wind Shear	Hydraulic and Communication Failure Reading a text about radio communication failure and answering questions	Managing Emergencies