



Aero Club Dauphiné

Aviation English Master Class

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and the ACD FCL055 team

<http://crowley-coutaz.fr/jlc/FCL055>

Aviation English Master Class



- The FCL055 Rating
- Class Organization and Planning
- Presentation of participants
- Aviation English Resources
- Tasks for next week



What is a Master Class?

A class given to experienced practitioners to provide advanced training on practice and technique and to share insights within an expert community.

Principle: Participants perform for the class under the guidance of a master. (In our case: by giving briefings, telling war stories and practicing radio communications)

Participants learn by doing. Benefit is determined by your effort.

The FCL055 Rating



- **From 5th March 2008** all flight crew members and air traffic controllers involved in international traffic are required to prove their competence in English.
- Proficiency in plain English and English phraseology equivalent to ICAO level 4, is a condition of licensing for professional pilots and for air traffic controllers
- Proficiency in plain English and English phraseology can save your life in an emergency situation.

The FCL055 test Example



1

INTERVIEW

Answer the following questions in detail.

- 1) Why do you need the ICAO language proficiency exam?
- 2) Where do you see your aviation career in 5 years?

2

VISUAL ANALYSIS

Describe this picture in as many details as possible. Use the aviation phraseology and terminology to describe the specific aviation/aircraft elements. If applicable describe the possible threats or dangers.



The FCL055 test Example



3

SIMULATION

You will take a role of a pilot: You are flying PROFIPILOT 100 approaching a towered airport intending to land.
You are flying in a mountainous terrain in poor visibility experiencing difficulties to continue flight safely. Make a transmission on the frequency describing your situation, circumstances, and intentions to the tower control. Respond to the ATC adequately.

4

AUDIO

Listen to the recording two times and reproduce it in your own words.
Feel free to use blank space for making your notes:



5

VIDEO

Watch the video once and reproduce it in your own words.
Feel free to use blank space for making your notes:

I hereby declare I have personally attend the language proficiency testing with the ProfiPilot LTB language proficiency examiner (LPE) using this Test variant.

The FCL055 Rating



Level	Pronunciation Structure Assumes a dialect and/or accent intelligible to the aeronautical community.	Structure Relevant grammatical structures and sentence patterns are determined by language functions appropriate to the task.	Vocabulary
Expert 6	Pronunciation, stress, rhythm, and intonation, though possibly influenced by the first language or regional variation, almost never interfere with ease of understanding.	Both basic and complex grammatical structures and sentence patterns are consistently well controlled.	Vocabulary range and accuracy are sufficient to communicate effectively on a wide variety of familiar and unfamiliar topics. Vocabulary is idiomatic, nuanced, and sensitive to register.
Extended 5	Pronunciation, stress, rhythm, and intonation, though influenced by the first language or regional variation, rarely interfere with ease of understanding.	Basic grammatical structures and sentence patterns are consistently well controlled. Complex structures are attempted but with errors which sometimes interfere with meaning.	Vocabulary range and accuracy are sufficient to communicate effectively on common, concrete, and work-related topics. Paraphrases consistently and successfully. Vocabulary is sometimes idiomatic.
Operational 4	Pronunciation, stress, rhythm, and intonation are influenced by the first language or regional variation but only sometimes interfere with ease of understanding.	Basic grammatical structures and sentence patterns are used creatively and are usually well controlled. Errors may occur, particularly in unusual or unexpected circumstances, but rarely interfere with meaning.	Vocabulary range and accuracy are usually sufficient to communicate effectively on common, concrete, and work related topics. Can often paraphrase successfully when lacking vocabulary in unusual or unexpected circumstances.

The FCL055 Rating



Level	Fluency	Comprehension	Interactions
Expert 6	Able to speak at length with a natural, effortless flow. Varies speech flow for stylistic effect, e.g. to emphasize a point. Uses appropriate discourse markers and connectors spontaneously.	Comprehension is consistently accurate in nearly all contexts and includes comprehension of linguistic and cultural subtleties.	Interacts with ease in nearly all situations. Is sensitive to verbal and non-verbal cues, and responds to them appropriately.
Extended 5	Able to speak at length with relative ease on familiar topics, but may not vary speech flow as a stylistic device. Can make use of appropriate discourse markers or connectors.	Comprehension is accurate on common, concrete, and work-related topics and mostly accurate when the speaker is confronted with a linguistic or situational complication or an unexpected turn of events. Is able to comprehend a range of speech varieties (dialect and/or accent) or registers.	Responses are immediate, appropriate, and informative. Manages the speaker/listener relationship effectively.
Operational 4	Produces stretches of language at an appropriate tempo. There may be occasional loss of fluency on transition from rehearsed or formulaic speech to spontaneous interaction, but this does not prevent effective communication. Can make limited use of discourse markers or connectors. Fillers are not distracting.	Comprehension is mostly accurate on common, concrete, and work-related topics when the accent or variety used is sufficiently intelligible for an international community of users. When the speaker is confronted with a linguistic or situational complication or an unexpected turn of events, comprehension may be slower or require clarification strategies.	Responses are usually immediate, appropriate, and informative. Initiates and maintains exchanges even when dealing with an unexpected turn of events. Deals adequately with apparent misunderstandings by checking, confirming, or clarifying.

The ACD Aviation English Master Class



(*Most*) Participants have an FCL055 rating, and are seeking to improve their competence and raise their FCL 055 level. This requires improving vocabulary, comprehension and fluency of expression.

Method.

- 1) We will form teams of two participants who will choose an aircraft and call sign, and plan and simulate a VFR cross country flight.
- 2) Each session will be devoted to a phase of the flight, with briefings by teams, radio practice, and war stories (REX).

Advice: Choose and Aircraft, departure and destination that you know. (POH, with access to weather and charts)

The ACD Aviation English Master Class



Why teams of two?

1. Preparation and practice with your team-mate between sessions
2. A team-mate can fill-in for occasional absences.
3. Crewed operations are easier and more reliable.

Recommended methods for preparation:

- Briefings:
 - Organize charts and documentation.
 - Prepare your presentation with notes and practice.
- Radio Communications Practice
 - Consult standard phrases from documentation
 - Transpose (write out) the phrase for your flight

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Typical Session Structure:

- 1) Briefing by each team about session topic for their flight.
- 2) Radio Communications Practice
(ATIS, VFR Clearance, Taxi, Departure, Pattern, Enroute, Arrival, Shutdown)
- 3) War Stories and Hundred Dollar Hamburgers
(Stories of real experiences by told participants, Interesting places to visit)
- 4) Topic for next session, sample briefing

Session Planning (*tentative*)



- 17 March The FCL055 Rating, Course structure, Presentation of Participants, Information resources, ATIS, AWOS and ASOS
- 24 March Formation of flight crews, ATIS practice, Radio rules and protocols, Sample preflight briefing
- 31 March Preflight Briefings: Aircraft, Airspace, NOTAMS, Weather, Route Practice Departure clearances, Taxi and Ground movement procedures
- 7 April Airfield Briefings, Radio Practice: taxi and takeoff, War stories,
- 14 April* Airspace Briefings, Radio Practice Closed Patterns (touch and goes) War stories and experience, Example Enroute briefing
- 21 April* Enroute briefings, Radio Practice: Enroute Position Reporting. Abnormal and Emergency Situations, 100 Hamburgers
- 28 April Emergency Situation Briefings, Radio Practice: emergency situations, Human Factors, war stories
- 5 May Arrival Briefings, Radio Practice: Arrival, Landing, Fuel and Parking War Stories.
- 12 May FCL 055 VFR practice Exam

*Jim in Texas

Presentation of Participants

(2 minutes par participant)



In English, please state:

- 1) Your name and total number of hours
- 2) When and where did you first learn to fly
- 3) Your current favorite aircraft.
- 4) What would you like to gain from this class?
- 5) What aircraft type, departure and destination would you like to use for the exercises.

Aviation English Participants



Name	Email	Phone
James (Jim) Crowley	James.Crowley@inria.fr	06xxxxxxxx

<http://crowley-coutaz.fr/jlc/FCL055>

Aviation English Resources



[James L. Crowley](#)

Common [Aviation Terminology](#) - from SR20 Pilots Operating Handbook (POH)

Aeronautical [Radiotelephony Communications for VFR Pilots](#) (Thanks Jean-Yves!)

ICAO [Phraseology Reference Manual](#)

Wikipedia Page on Automatic Terminal Information Service ([ATIS](#)): Definitions, Explanations and Examples

Real Time ATC communications and Weather Information (ATIS/AWOS) from around the world [LiveATC](#)

Ten [Aviation English Resources](#) by Dominique DEFOSSEZ - 10 lessons with recordings for listening practice.

[Contrails](#) FCL055 preparation

Tasks for Next Week



Confirm your team mate

Choose your aircraft and call sign

- Choose an aircraft for which you have a POH

Choose your departure and destination airports

- Choose different class airports for departure and arrival. For example: Departure from Class D, arrival at Class E.

ACD MasterClass Flight Crews



Team	Names	Call Sign	Type	Departure	Destination	notes
1						
2						
3						
4						
5						
6						
7						
8						