



MC Academy
English Language School

52-54 Mount Pleasant
Liverpool L3
0151 665 0501 

Second Floor, 21-23
Oldham St,
Manchester M1 1JG

0161 236 7575 
info@themcademy.co.uk 
www.themcademy.co.uk 

English for Aviation - Information Sheet

Course: English for Aviation

Entry Level: Intermediate to Advanced

Hours offered: 20-25 hours

Is this course available online? Yes

Which school is this course available at? MC Academy, Liverpool and MC Academy, Manchester

Who do I contact to apply: liv@themcademy.co.uk (LIV) **OR** info@themcademy.co.uk (MCR)

What is the class size? 16 students maximum

Who is this course for?

This course is designed to improve English language skills for aviation professionals, focusing on terminology, communication protocols, and situational language usage specific to the aviation industry. The curriculum is structured to enhance proficiency in speaking, listening, reading, and writing within an aviation context.

Course Objectives:

- Enhance communication skills for pilots, air traffic controllers, and aviation personnel.
- Understand and use aviation-specific terminology and phrases.
- Improve comprehension of aviation-related documents and communications.
- Develop skills for clear and concise radio communication.
- Prepare for aviation English proficiency tests.

Course Duration: 12 weeks (3 hours per week)

Introduction to Aviation English

- Overview of the aviation industry and key roles
- Basic aviation terminology
- Phonetic alphabet
- Listening and pronunciation exercises

Aircraft and Flight Operations

- Parts of an aircraft
- Types of aircraft and their features
- Phases of flight (takeoff, cruise, landing)
- Reading and interpreting aircraft manuals and checklists

Communication in Aviation

- Standard phraseology used in aviation
- Radiotelephony and radio communication protocols
- Communication between pilots and air traffic control (ATC)
- Role-playing exercises for routine and non-routine situations

Aviation Safety and Emergency Procedures

- Safety vocabulary and expressions
- Emergency procedures and communication
- Handling in-flight emergencies
- Case studies of real-life incidents

Meteorology and Navigation

- Weather-related terminology and phrases
- Reading and understanding weather reports (METAR, TAF)
- Basic principles of navigation and flight planning
- Using aviation maps and charts

Intercultural Communication and Human Factors

- Cultural awareness in aviation
- Communication challenges in a multicultural environment
- Human factors and their impact on communication
- Group discussions and interactive activities

Test Preparation and Review

- Review of key concepts and terminology
- Practice tests and mock exams
- Feedback and individual performance assessment
- Final review and Q&A session

Course Materials:

- Course textbook: "Aviation English" by Henry Emery and Andy Roberts
- Supplementary materials: audio recordings, video clips, aviation charts, and documents
- Online resources and practice exercises

Assessment:

- Weekly quizzes and assignments
- Participation in class activities and role-plays
- Mid-term written and oral exam
- Final written and oral exam

Additional Resources:

- Access to online aviation English forums and communities
- Recommended reading: ICAO Doc 9835 - Manual on the Implementation of ICAO Language Proficiency Requirements
- Optional workshops and guest lectures from industry professionals

This book is separated in two books. Please see both curriculums below.

1. ESP Curriculum Overview for Air Force English for the Aviation Industry

Course Aims

1. Develop Specialized Vocabulary: Equip learners with the specific terminology used in various Air Force and aviation contexts.
2. Improve Functional Language Skills: Enable learners to perform key communicative functions relevant to their roles, such as eliciting information, giving examples, requesting information, and more.
3. Enhance Operational Communication: Foster clear and effective communication skills essential for operational tasks within the aviation industry.



Course Structure

- Duration: 15 Units
- Unit Topics: Focused on different aspects of Air Force operations and aviation industry specifics.

Core Components

- Vocabulary Development: Introduction and practice of topic-specific vocabulary for each unit.
- Functional Language Practice: Exercises and role-plays to practice the functional language skills associated with each unit.
- Reading and Listening Comprehension: Aviation-related texts and audio materials to develop comprehension skills.
- Speaking and Writing Activities: Opportunities to use the new vocabulary and functions in spoken and written tasks.
- Cultural and Contextual Awareness: Insights into the operational environment and cultural aspects of the Air Force and aviation industry.

Teaching Methodology

- Communicative Language Teaching (CLT): Emphasis on interaction and communication, using real-life scenarios and role-playing.
- Task-Based Learning (TBL): Learners engage in meaningful tasks that reflect authentic aviation contexts.
- Content-Based Instruction (CBI): Integration of subject matter and language instruction to provide a more immersive learning experience.
- Collaborative Learning: Group activities and discussions to promote teamwork and cooperative learning.
- Blended Learning: Use of digital tools and online resources to complement traditional classroom activities.

Assessment

- Formative Assessment:
 - Quizzes and Tests: Regular vocabulary and function quizzes.
 - Participation: Active involvement in discussions, role-plays, and group tasks.
 - Assignments: Written tasks and presentations based on unit topics.
- Summative Assessment:
 - Final Exam: Comprehensive test covering all units, assessing vocabulary, functional language, and comprehension skills.
 - Project Work: Group or individual projects demonstrating practical application of the learned material.
 - Oral Assessment: Evaluation of speaking skills through presentations or interviews.

Unit Overview

Unit 1: Fighter Unit

- Vocabulary: ace, advance, battle honor, battle zone, bring down, dissimilar tactics, hit-and-run, kill, strategy, sortie
- Function: Eliciting more information

Unit 2: Bomber Unit

- Vocabulary: air support, aircraft carrier, airfield, B-25 Mitchell, B-26 Marauder, campaign, combat launch, Doolittle Raid, fortified, modified, morale, retaliatory
- Function: Giving an example

Unit 3: Search and Rescue Unit

- Vocabulary: Air Force Cross, combat controller, covering fire, CSAR Team, down, incident site, pararescue technician, relief convoy, RPG, Silver Star, special tactics squadron, triage point
- Function: Requesting information

Unit 4: Targets

- Vocabulary: area target, contact, danger close, degree of protection, effects-based targeting, emerging target, JSTARS, number of elements, positive identification, target-rich environment
- Function: Showing understanding



Unit 5: Air-to-Air Missiles

- Vocabulary: Air-to-Air Missile, beyond-visual range AAM, detonate, head on, heat-seeking, maximum engagement range, Medium Range AAM, proximity fuse, Short Range AAM, Within-Visual Range AAM
- Function: Giving permission

Unit 6: Air-to-Surface Missiles

- Vocabulary: AGM-65 Maverick, Air-to-Ground, Air-to-Surface, anti-ship, anti-tank, delayed fuse, evasive action, hard target, launch-and-leave, modular design, probability of damage, standoff distance, gunline
- Function: Describing visual information

Unit 7: Surface-to-Air Missiles

- Vocabulary: armored vehicle, command, decoy flares, infrared missiles, laser guided, launcher, line-of-sight, Man-Portable Air-Defense System, range, SAM, shoulder-launched
- Function: Giving advice

Unit 8: Cannons

- Vocabulary: armor piercing, caliber, cannon, cartridge, gatling gun, high-explosive dual purpose, muzzle velocity, overheat, rate of fire, recoil adapter, rounds per minute
- Function: Requesting advice

Unit 9: Anti-Ship and Anti-Submarine

- Vocabulary: AGM-84 Harpoon, anti-ship, anti-submarine, depth charge, Laser Detection And Ranging, Magnetic Anomaly Detector, midcourse guidance, mine, sea-skimming, surface ship, torpedo
- Function: Talking about possibility

Unit 10: Centers of Gravity

- Vocabulary: attrition, Center of Gravity, critical vulnerability, decisive point, fielded forces, infrastructure, law of armed conflict, leadership, operational processes, payoff, popular will, strategic, weapons cache
- Function: Estimating

Unit 11: Surprise Attack

- Vocabulary: asymmetric force strategy, decisive maneuver, direct effect, flexibility, force-on-force engagement, freedom of action, indirect effect, parallel operations, precision employment, range, surprise, time on target
- Function: Describing results

Unit 12: Strategic Attack

- Vocabulary: achieve, avoid sequential fight, effects-based, fighter sweep, master attack list, offensive counter air, operational level, operational objective, strategic attack, strategic objective, tactical-level
- Function: Describing cause and effect

Unit 13: Psychological Effects

- Vocabulary: acquiesce, adversary, broadcast, coerce, diplomatic initiative, incite, jam, political climate, propaganda, psychological effect, psyop, reduce, shock and awe, will to fight
- Function: Agreeing / Disagreeing

Unit 14: Joint Air Attack Team

- Vocabulary: Air Tasking Order, battlefield coordination detachment, coordinating measures, fire support, forward air controller, JAAT, jeopardize, JOAC, subordinate, theater airlift
- Function: Seeking permission

Unit 15: Phases of Attack

- Vocabulary: air parity, air superiority, battle damage assessment, combat assessment, commander-in-chief, execute, Joint Direct Attack Munition, measures of merit, mission flow, prioritize, target set
- Function: Asking for explanation

2. ESP Curriculum Overview for Civil Aviation

Course Aims

- Develop Specialized Vocabulary: Equip learners with specific terminology used in various civil aviation contexts.
- Improve Functional Language Skills: Enable learners to perform key communicative functions relevant to their roles in civil aviation, such as giving instructions, requesting information, and managing safety procedures.
- Enhance Operational Communication: Foster clear and effective communication skills essential for operational tasks within the civil aviation industry.

Course Structure

- Duration: 15 Units
- Unit Topics: Focused on different aspects of civil aviation operations and industry specifics.

Core Components

- Vocabulary Development: Introduction and practice of topic-specific vocabulary for each unit.
- Functional Language Practice: Exercises and role-plays to practice the functional language skills associated with each unit.
- Reading and Listening Comprehension: Aviation-related texts and audio materials to develop comprehension skills.
- Speaking and Writing Activities: Opportunities to use the new vocabulary and functions in spoken and written tasks.
- Cultural and Contextual Awareness: Insights into the operational environment and cultural aspects of civil aviation.

Teaching Methodology

- Communicative Language Teaching (CLT): Emphasis on interaction and communication, using real-life scenarios and role-playing.
- Task-Based Learning (TBL): Learners engage in meaningful tasks that reflect authentic aviation contexts.
- Content-Based Instruction (CBI): Integration of subject matter and language instruction to provide a more immersive learning experience.
- Collaborative Learning: Group activities and discussions to promote teamwork and cooperative learning.
- Blended Learning: Use of digital tools and online resources to complement traditional classroom activities.

Assessment

- Formative Assessment:
 - Quizzes and Tests: Regular vocabulary and function quizzes.
 - Participation: Active involvement in discussions, role-plays, and group tasks.
 - Assignments: Written tasks and presentations based on unit topics.
- Summative Assessment:
 - Final Exam: Comprehensive test covering all units, assessing vocabulary, functional language, and comprehension skills.
 - Project Work: Group or individual projects demonstrating practical application of the learned material.
 - Oral Assessment: Evaluation of speaking skills through presentations or interviews.

Unit Overview

Unit 1: Airline Operations

- Vocabulary: flight schedule, boarding pass, check-in counter, gate, departure, arrival, layover, airline alliance, code-sharing, baggage claim
- Function: Eliciting more information

Unit 2: Aircraft Types

- Vocabulary: wide-body, narrow-body, turboprop, jet engine, fuselage, cockpit, cabin, landing gear, wingspan, tail section
- Function: Giving an example

Unit 3: Ground Services

- Vocabulary: ground handling, ramp agent, baggage handling, pushback, refueling, de-icing, towing, marshalling, ground power unit
- Function: Requesting information

Unit 4: In-Flight Services

- Vocabulary: flight attendant, meal service, in-flight entertainment, duty-free, seatbelt sign, turbulence, emergency exit, cabin crew, passenger briefing
- Function: Showing understanding

Unit 5: Air Traffic Control (ATC)

- Vocabulary: air traffic controller, airspace, radar, flight path, clearance, holding pattern, approach control, tower, ground control, transponder
- Function: Giving permission

Unit 6: Safety Procedures

- Vocabulary: safety briefing, life vest, oxygen mask, emergency landing, evacuation slide, fire extinguisher, first aid kit, seatbelt, safety card
- Function: Describing visual information

Unit 7: Weather Conditions

- Vocabulary: turbulence, wind shear, crosswind, tailwind, headwind, visibility, fog, storm, icing, meteorological report
- Function: Giving advice

Unit 8: Aircraft Maintenance

- Vocabulary: maintenance check, inspection, repair, overhaul, mechanic, technician, parts replacement, diagnostic, servicing, maintenance log
- Function: Requesting advice

Unit 9: Navigation

- Vocabulary: flight plan, navigation system, GPS, VOR, waypoint, heading, altitude, airspeed, flight deck, route
- Function: Talking about possibility

Unit 10: Regulatory Compliance

- Vocabulary: aviation authority, regulation, compliance, certification, audit, safety standards, inspection, licensing, operational procedures
- Function: Estimating

Unit 11: Customer Service

- Vocabulary: customer satisfaction, complaint, feedback, loyalty program, service recovery, assistance, passenger experience, hospitality, onboard service
- Function: Describing results

Unit 12: Crisis Management

- Vocabulary: emergency response, contingency plan, crisis communication, incident, coordination, rescue operation, alert, evacuation, disaster
- Function: Describing cause and effect

Unit 13: Aviation Security

- Vocabulary: security checkpoint, screening, surveillance, threat assessment, hijacking, bomb threat, security protocol, passenger screening, baggage inspection
- Function: Agreeing / Disagreeing

Unit 14: Environmental Impact

- Vocabulary: carbon footprint, emissions, noise pollution, sustainable aviation fuel, green technology, environmental regulations, eco-friendly practices, offsetting
- Function: Seeking permission

Unit 15: Career Development

- Vocabulary: career path, training program, certification, qualification, promotion, job opportunity, internship, professional development, mentorship
- Function: Asking for explanation

To enquire about this course please contact info@themcademy.co.uk for Manchester and liv@themcademy.co.uk for Liverpool.

OR

Complete an application form. And a member of our team will be in touch with you as soon as possible.

