

# Comprehensive Introduction to Aviation: From Ground to Sky

Aviation, Transportation & Logistics  
London (UK)  
12 - 16 Jan 2026

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# PARTNER

A large, detailed image of chess pieces on a checkered board. In the foreground, a gold king piece stands prominently on a light square. To its left, a silver pawn is on a dark square. Further back, another silver pawn is visible. The background features concentric circles, suggesting a radar or sonar theme, which aligns with the 'Aviation' and 'From Ground to Sky' text.

## Comprehensive Introduction to Aviation: From Ground to Sky

**Ref:** 321394\_126774 **Date:** 12 - 16 Jan 2026 **Location:** London (UK) **Fees:** 4400 **Euro**

### Course Description

This intensive 5-day course provides a comprehensive introduction to the fundamentals of aviation. Participants will gain a solid understanding of aerodynamics, aircraft systems, aviation regulations, and flight operations. The course combines theoretical knowledge with practical insights, preparing learners for further studies or careers in the aviation industry.

### Learning Objectives

- Understand basic aerodynamic principles and their application in flight
- Identify and explain the functions of key aircraft systems and components
- Comprehend aviation regulations and their impact on flight operations
- Recognize the roles of various aviation professionals and organizations
- Develop a foundational understanding of flight planning and navigation

### Course Modules

#### Day 1: Introduction to Aviation and Aerodynamics

- History of aviation and its impact on society
- Basic aerodynamic principles
- Forces acting on an aircraft
- Lift, drag, and thrust

#### Day 2: Aircraft Systems and Components

- Airframe structures and materials
- Propulsion systems: piston engines and turbines
- Flight control systems
- Avionics and instrumentation

#### Day 3: Aviation Regulations and Safety

- Overview of FAA regulations
- Airspace classification and rules
- Aviation safety practices and procedures
- Human factors in aviation

#### Day 4: Flight Operations and Navigation

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- Flight planning fundamentals
- Weather theory and interpretation
- Basic navigation techniques
- Air traffic control procedures

## **Day 5: The Aviation Industry and Career Paths**

- Structure of the aviation industry
- Roles in commercial, military, and general aviation
- Emerging technologies in aviation
- Career opportunities and pathways

## **Practical Wins for Participants**

- Gain a comprehensive understanding of aviation fundamentals applicable to various career paths
- Develop the ability to interpret basic weather information and flight planning documents
- Acquire knowledge of key aviation regulations and safety practices
- Build a foundation for further studies in pilot training or aviation management

## Blackbird training cities



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Bangkok (Thailand)

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## Blackbird Training Category



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Leadership & Management Development



Professional Skills & Career Enhancement



Oil, Gas & Energy Industry Specialization



Healthcare & Safety Management



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Hospital Management



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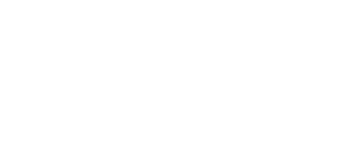
Aviation, Transportation & Logistics



Board Members & C-Suite Development



Agile and Refinement



Business Strategy & Competitive Analysis

Operational Risk Management

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## Blackbird training Clients



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