

Aviation Technical Library

*Cape Town (South Africa)*

*25 November - 6 December 2024*

UK Training

**PARTNER**



## Aviation Technical Library

Code: PS28 From: 25 November - 6 December 2024 City: Cape Town (South Africa) Fees: 5600 Pound

### Introduction

The Aviation Technical Library Training Course is designed to provide participants with a comprehensive understanding of the technical library systems and processes specific to the aviation industry. This course aims to equip participants with the knowledge and skills necessary to effectively manage and utilize aviation technical libraries. Throughout the course, participants will learn about various aspects of aviation technical libraries, including their purpose, organization, available information resources, and advanced research techniques used to retrieve information from these libraries. The course will also cover the importance of libraries in supporting aviation technical operations and aircraft maintenance services.

### Course Objectives

- Understand the importance and role of aviation technical libraries in the aviation industry.
- Learn how to effectively manage and organize an aviation library.
- Gain knowledge of different types of information resources available in aviation technical libraries.
- Develop skills in conducting research and retrieving information from aviation technical library sources.
- Familiarize oneself with industry standards, regulations, and best practices related to aviation technical libraries.

### Course Outlines

#### Day 1: The Mission of the Aviation Technical Library

- Importance of the aviation technical library in the aviation industry.
- Objectives and goals of the technical library.
- Role of the technical library in supporting aviation technical operations.

ICAO as a Source of Aviation Publications:

- Overview of the International Civil Aviation Organization ICAO.
- ICAO's role in aviation publication standards.
- Accessing and utilizing ICAO publications in the aviation technical library.

#### Day 2: General Library Organization and Management

- Principles of library organization and management in aviation.
- Staffing and roles in the aviation technical library.
- Collection development and maintenance in the aviation technical library.

Library & Information Resources Acquisition:

The logo for UK Training Partner features the text 'UK Training' in a small, black sans-serif font above the word 'PARTNER' in a large, bold, black sans-serif font. The text is positioned on a white and grey checkered chessboard background. In the foreground, several chess pieces are visible: a silver pawn, a silver knight, and a gold king, all set against a background of concentric white circles.

- Acquisition methods for aviation-related resources.
- Selection criteria for aviation technical services and publications.
- Managing subscriptions and periodicals in the aviation technical library.

### Day 3: Readers Services, Charging & Discharging

- Providing reader services and reference assistance.
- Library circulation systems and procedures.
- Charging and discharging library materials.

#### Technical Publications Administration:

- Managing technical publications in the library.
- Classification and cataloging of technical publications related to aircraft.
- Preservation and maintenance of technical publications.

### Day 4: The Technical Library's Role in Safety Oversight

- Role of the aviation technical library in aviation safety oversight.
- Safety-related publications and documentation in the library.
- Collaboration with safety management systems in the aviation industry.

#### AOC Overview & Documentation:

- Understanding Air Operator Certificate AOC.
- Documentation requirements for AOC holders.
- Managing and organizing AOC-related documents in the library.

### Day 5: Quality in the Aviation Library

- Quality management principles in the aviation technical library.
- Standards and best practices for aviation library services.
- Continuous improvement and quality assessment in the library.

#### Risk Management in Library Systems:

- Identifying and mitigating risks in library operations.
- Disaster recovery and business continuity planning.
- Safety culture and risk awareness in the library environment.

### Day 6: Human Factors & Safety Culture

- Understanding the role of human factors in aviation safety.
- Importance of promoting a positive safety culture in the library.
- Human error and its impact on library operations.
- Strategies for integrating human factors principles into library practices.

#### Cataloging:

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a knight) on it. The board is white and black, and the pieces are gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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- Introduction to cataloging principles and standards.
- Different cataloging systems and formats used in aviation libraries.
- Metadata creation and management in the aviation technical library.
- Cataloging tools and software applications for efficient organization of library resources.

### Day 7: Integrated Library Systems ILS

- Overview of integrated library systems ILS.
- Functions and features of an ILS in the aviation technical library context.
- Automation of library processes through ILS.
- Benefits and challenges of implementing an ILS in the aviation technical library.

### Day 8: Organization and Development of Airline Libraries

- Characteristics and functions of airline libraries.
- Developing library policies and procedures specific to airlines.
- Collection development strategies for airline libraries.
- Collaboration with other departments and stakeholders in the aviation industry.

### Day 9: Transition to a Paperless and Digital Library

- Transitioning from a traditional library to a paperless environment.
- Digital preservation and access to electronic resources.
- Managing digital collections and copyright considerations.
- Implementing technology solutions for a paperless library.

### Day 10: Future of Library Systems

- Emerging trends and technologies in library systems.
- Applications of artificial intelligence AI and machine learning in aviation libraries.
- Impact of the Internet of Things IoT on library services.
- Adapting to evolving user needs and changing information formats in the future.

### Conclusion

This course will provide participants with a deep understanding of managing aviation technical libraries and utilizing them effectively to support aviation technical services, including aircraft maintenance, aircraft service equipment, and aircraft manuals. Participants will also learn how to organize and manage aviation technical information to support aviation technical operations and meet industry standards.



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