**MAWA EVENTS**

**Address:** No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

**Phone:** +601116373203 | **Email:** info@mawaevents.net

# AGEING AIRCRAFT MAINTENANCE MANAGEMENT & ISSUES (CERTIFIED BY AIR FRANCE)

*"Enhance your expertise in maintaining ageing aircraft and managing associated challenges with certification from Air France."*

## Schedule

| Date | Venue | Fees (Face-to-Face) |
|---|---|---|
| 06 – 10 Jul 2026 | Paris, France | USD 3495 per delegate |

## Introduction

As aircraft age, the complexity of maintaining their operational safety increases, making the management of ageing aircraft a critical aspect of aviation. This 5-day, face-to-face workshop in Paris, certified by Air France, offers professionals specialized knowledge and practical skills to address the maintenance issues of ageing aircraft. Participants will delve into the challenges of aging fleets, learn best practices for maintenance, and explore the latest techniques and technologies used in the aviation industry.

This course will equip you with essential insights on how to improve the reliability and safety of ageing aircraft, ensuring they meet regulatory standards and maintain efficient operations.

## Objectives

By the end of this course, participants will be able to:

- Understand the challenges of maintaining ageing aircraft.
- Identify the key maintenance issues related to ageing aircraft components and systems.
- Develop strategies for extending the lifespan of ageing fleets.
- Gain insight into the latest trends and technologies in aircraft maintenance.
- Apply best practices in ageing aircraft maintenance to improve safety and reliability.

**MAWA EVENTS**

**Address:** No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

**Phone:** +601116373203 | **Email:** info@mawaevents.net

## Why Attend

- Gain in-depth knowledge of the specific maintenance challenges posed by ageing aircraft.
- Learn from Air France-certified professionals with expertise in aircraft maintenance.
- Understand the technologies and practices that can help extend the life of ageing aircraft.
- Improve your skills in maintaining ageing fleets and ensuring safety standards.
- Learn the regulatory and compliance issues associated with ageing aircraft.

## Target Audience

This program is designed for:

- Aircraft maintenance managers and engineers.
- Aviation professionals involved in fleet management and maintenance.
- Safety managers in the aviation industry.
- Individuals seeking to specialize in maintaining ageing aircraft.

## Individual Benefits

Key competencies that will be developed include:

- Advanced understanding of the maintenance requirements for ageing aircraft.
- Knowledge of the latest technologies in aircraft maintenance.
- Ability to address and manage the challenges of ageing fleets.
- Improved problem-solving and decision-making skills in aircraft maintenance.
- Enhanced capability to ensure regulatory compliance and operational safety.

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved management of ageing aircraft and their maintenance schedules.
- Ability to develop cost-effective strategies for maintaining older fleets.
- Enhanced understanding of the regulatory requirements for ageing aircraft.
- Increased safety and reliability of the organisation’s aircraft fleet.
- Better capacity to handle the complexities of managing ageing aircraft

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – An overview of the challenges and best practices for managing ageing aircraft.
- Case Studies – Real-world examples of successful ageing aircraft maintenance management.
- Workshops – Hands-on exercises for maintenance management and troubleshooting.
- Peer Exchange – Group discussions on common issues and solutions in the aviation industry.
- Tools – Practical templates and maintenance checklists for managing ageing aircraft.

**MAWA EVENTS**

**Address:** No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

**Phone:** +601116373203 | **Email:** info@mawaevents.net

**MAWA EVENTS**

**Address:** No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

**Phone:** +601116373203 | **Email:** info@mawaevents.net

## Course Outline

**Training Hours**: 8:30 AM – 4:30 PM **Format**: 3 Learning Modules | Breaks: 10:00 & 1:00 | Lunch Buffet: 12:00 – 1:00

**Day 1: Introduction to Ageing Aircraft Maintenance**

- Module 1: Understanding Ageing Aircraft and Maintenance Challenges (08:30 – 10:30)
- Overview of the issues affecting ageing aircraft.
- Key challenges in maintaining ageing fleets.
- The economic and operational impact of ageing aircraft.
- Module 2: Regulatory Considerations for Ageing Aircraft (10:45 – 12:45)
- Compliance with aviation regulations for ageing aircraft.
- Impact of regulations on maintenance practices.
- Recent updates in regulations affecting ageing fleets.

**Day 2: Structural and Systems Maintenance**

- Module 3: Structural Integrity of Ageing Aircraft (08:30 – 10:30)
- Common structural problems in ageing aircraft.
- Techniques for evaluating and maintaining aircraft structures.
- Repair techniques and material selection for ageing aircraft.
- Module 4: Systems and Component Maintenance (10:45 – 12:45)
- Focus on ageing aircraft systems and components.
- Common failures and solutions for avionics and mechanical systems.
- Predictive maintenance and monitoring techniques.

**Day 3: Advanced Maintenance Practices**

- Module 5: Predictive and Preventive Maintenance (08:30 – 10:30)
- Methods for forecasting potential failures.
- Developing preventive maintenance schedules.
- Using data analytics for predictive maintenance.
- Module 6: Maintenance Technology for Ageing Aircraft (10:45 – 12:45)
- Innovations in technology for ageing aircraft maintenance.
- Integrating new technologies with older aircraft models.
- Tools for enhancing maintenance efficiency.

**Day 4: Managing Maintenance Resources and Teams**

- Module 7: Workforce and Resource Management (08:30 – 10:30)
- Managing maintenance teams for ageing fleets.
- Resource allocation and logistics for ageing aircraft.
- Training requirements for specialised maintenance of ageing fleets.
- Module 8: Risk Management in Ageing Aircraft Maintenance (10:45 – 12:45)
- Identifying and mitigating risks in ageing aircraft maintenance.
- Safety protocols and emergency management.
- Risk assessment and management strategies.

**Day 5: Practical Exercises and Closing Discussions**

- Module 9: Case Studies and Maintenance Planning (08:30 – 10:30)
- Review of real-world maintenance scenarios.
- Group exercises to create maintenance plans.
-

Best practices for handling common maintenance challenges.

- Module 10: Final Review and Certification (10:45 – 12:45)
- Course review and discussion of key takeaways.
- Final assessment and certification.
- Closing remarks and next steps in implementing skills gained.

## Certification

Participants will receive a Certificate of Completion in Ageing Aircraft Maintenance Management, certified by Air France, validating their expertise in managing the maintenance of ageing aircraft and addressing associated challenges.

## Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

| | | |
|---|---|---|
| **In-House / Customized Training**<br>Interested in running this course for your team?<br>Please contact us: | TEL:<br>**+601116373203** | EMAIL:<br>**info@mawaevents.net** |

**Follow us:** **Facebook** **Twitter** **YouTube** **LinkedIn** **Instagram**

*© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.*