



Cooperative Development of Operational Safety
and Continuing Airworthiness Programme



COSCAP Southeast Asia
Approved Maintenance Organization (AMO) Approval and Continued Oversight Course
Bangkok, Thailand, 2 – 6 November 2026

SYLLABUS

1. Course Description

This course provides competency-based training on the approval, certification, and ongoing surveillance of Approved Maintenance Organizations (AMOs) in accordance with ICAO Annex 8 and the ICAO Airworthiness Manual (Doc 9760). The course equips participants with the knowledge, skills, and attitudes required to ensure that aircraft maintenance organizations operate in compliance with international airworthiness standards and under effective State oversight.

The course package is developed using the ICAO Doc 9941 TRAINAIR PLUS methodology, ensuring standardized structure, performance-based objectives, and measurable outcomes.

2. Target Population

- Civil Aviation Authority (CAA) Airworthiness Inspectors
- AMO Certification and Surveillance Inspectors
- Continuing Airworthiness Officers
- Technical Assistance and Regulatory Personnel
- Aviation professionals involved in maintenance oversight and compliance activities

3. Entry Requirements: Participants should have:

- Basic knowledge of aircraft maintenance principles
- Familiarity with national aviation regulations
- Experience in airworthiness, maintenance, or regulatory oversight functions

4. Course Duration

- 40 training hours (5 days)

5. Terminal Learning Objective (TLO): At the end of this course, participants will be able to:

Conduct approval, certification, and continued oversight of an Approved Maintenance Organization in accordance with ICAO SARPs and national regulations to ensure continuing airworthiness and aviation safety.

6. Competency Framework: Core Competencies

- Regulatory compliance assessment
- Organizational and systems analysis
- Risk-based oversight
- Corrective action management
- Technical decision-making

7. Course Content:

Module 1: ICAO Airworthiness Framework: Duration: 6 Hours

Topics:

- ICAO Convention and SARPs
- Annex 8 – Airworthiness of Aircraft
- State responsibilities
- Role of AMOs in continuing airworthiness

Module 2: AMO Approval Requirements: Duration: 8 Hours

Topics:

- Organizational structure and accountability
- Facilities, tools, equipment, and materials
- Personnel qualifications and authorization systems
- Maintenance data and records
- Quality Management System principles

Module 3: AMO Manual/Maintenance Organization Exposition (MOE): Duration: 6 Hours

Topics:

- Purpose and regulatory significance of the MOE
- MOE structure and content
- Approval and amendment procedures
- MOE implementation and compliance verification

Module 4: AMO Approval and Certification Process (5-Phase): Duration: 8 Hours

Topics:

- 5 Phase Certification Process, including:
- Application review and document assessment
- Pre-approval audits and inspections
- Findings management
- Approval issuance, ratings, and limitations

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Module 5: Continued Oversight and Surveillance: Duration: 8 Hours

Topics:

- Surveillance planning
- Scheduled and unscheduled audits
- Risk-based oversight
- Findings classification
- Corrective action and follow-up processes

Module 6: Enforcement and International Considerations: Duration: 4 Hours

Topics:

- Approval of amendments and limitations
- Suspension and revocation processes
- Acceptance of foreign AMOs

8. Training Methodology:

- Interactive presentations
- Group discussions
- Practical workshops
- Case studies
- Simulated certification and surveillance exercises

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