

ICAO Endorsed Government Aviation Safety Inspector - Airworthiness Course

DESCRIPTION

This 13-day, two-part course is designed for airworthiness inspectors and it covers the basic concepts and steps involved in certificating an Approved Maintenance Organization (AMO) and an Air Transport Operator (ATO). Participants will be taught the five-phase certification process based upon ICAO Standards and Recommended Practices (SARPs) and the Model Civil Aviation Regulations (MCARs). Part one covers approved maintenance organization (AMO) certification and part two covers Air Transport Operator Certification (AOC). During the course, participants will follow a “mock” maintenance organization and then a “mock air transport operator” seeking certification through each phase of the certification process. Exercises will be conducted in which participants must evaluate excerpts of “mock” maintenance organization and air transport operator manuals. These exercises will also provide practice with evaluating observations of the maintenance organization’s and the operator’s demonstrations to ensure compliance with the MCARs and advisory materials. This course is designed using the ICAO TRAINAIR course development methodology.

OBJECTIVES

At the conclusion of the course, participants will be able to:

- Evaluate a Perspective Operator’s Pre-Assessment Statement (POPS) Form.
- Identify Pre-Application Meeting Objectives
- Review a mock AMO formal application and identify formal application meeting objectives.
- Evaluate portions of an applicant’s Maintenance Procedures Manual (MPM) and identify unacceptable errors.
- Evaluate an applicant’s training curriculum and determine if initial approval could be granted.
- Evaluate the results of a main base inspection and determine inspector actions.
- Complete a mock AMO certificate and Operations Specifications (OpsSpecs) and identify items that must be included in the certification report.
- Evaluate Operator’s Compliance Statements both narrative and reference forms of statements.
- Evaluate an excerpt from a mock operator’s Maintenance Control Manual.
- Evaluate a mock operator’s proposed Minimum Equipment List (MEL) and identify Configuration Deviation List (CDL) limitations.
- Evaluate an inspection report from a mock operator’s conformity inspection.
- Identify recommendations involving inspector observations/reports of demonstration flights.
- Complete a mock operator’s certificate and OpsSpecs and identify items to include in the certification report.

WHO SHOULD ATTEND

Prerequisites:

- Meet requirements for Aircraft Maintenance Engineer/Technician/Mechanic (AME) License as specified in ICAO Annex 1, paragraph 4.2.1.2, and
- Must have a minimum of five (5) years' experience in the airworthiness field.

COURSE OUTLINE

- AMO-Pre-Application Phase
- AMO-Conducting the Pre-Application Meeting
- AMO-Reviewing the Formal Application Package
- AMO-Review of Maintenance Procedures Manual
- AMO-Quality Assurance System
- AMO-Inspecting an AMO's Training Programme
- AMO-Conducting Facilities and Equipment Inspections
- AMO-Issuing the AMO Certificate
- AOC-Conducting the Pre-Application Meeting
- AOC-Conducting the Formal Application Meeting
- AOC-Evaluating a Statement of Compliance
- AOC-Evaluating the Maintenance Control Manual (MCM)
- AOC-Evaluating the MEL
- AOC-Reviewing a Continuous Maintenance Programme
- AOC-Conducting Aircraft and Equipment Conformity Inspections
- AOC-Inspecting an Operator's Maintenance Facilities
- AOC-Evaluating Demonstration Flights
- AOC-Issuing the Air Operator Certificate