

Task: M4.1.31 Evaluate Instructions for Continued Airworthiness (ICA) and/or Manufacturer Maintenance Manuals for an Assigned Aircraft (AEG task)													
Function: 4.0 General Technical													
Duty: 4.1 Aircraft Evaluation													
Previous Task Analysis:						Difficulty: 5				Criticality: Y			
						Importance: 5				Time:			
						Frequency: 4				Job Aid: N			
PTRS Tracking						Specialty							
3815						S	O	M	E	F	A	C	T
5815								P			P		

Legal References:

49 USC § 40113 Administrative
49 USC § 44701 General Requirements
49 USC § 44702 Issuance of Certificates
49 USC § 44704 Type Certificates, Production Certificates, and Airworthiness Certificates

Purpose:

To review ICA to ensure current policies, procedures and technical criteria are depicted, in sufficient detail, to ensure aircraft can be maintained in an airworthy condition

Significant Interfaces:

Applicant/Original Equipment Manufacturer
Flight Standards District Office
Aircraft Certification Office
Aircraft Evaluation Group
Accountable Directorate

Procedural Guidance:

14 CFR Part 21 Certification Procedures for Products and Parts
14 CFR Part 23 Airworthiness Standards: Normal, Utility, Acrobatic, and Commuter Category Airplanes
14 CFR Part 25 Airworthiness Standards: Transport Category Airplanes
14 CFR Part 27 Airworthiness Standards: Normal Category Rotorcraft
14 CFR Part 29 Airworthiness Standards: Transport Category Rotorcraft
14 CFR Part 33 Airworthiness Standards: Aircraft Engines
14 CFR Part 35 Airworthiness Standards: Propellers
14 CFR Part 43 Maintenance, Preventive Maintenance, Rebuilding and Alteration
14 CFR Part 65 Certification: Airmen other than Flight Crewmembers
14 CFR Part 91 General Operating and Flight Rules
Order 1380.51 Program Tracking and Reporting Subsystem
Order 8100.7 Aircraft Certification Systems Evaluation Program
Order 8300.10 Airworthiness Inspector's Handbook
AC 23-15 Small Airplane Certification Compliance Program

AC 25-1529-1	Instructions for Continued Airworthiness of Structural Repairs on Transport Category Airplanes
AC 27-1	Certification of Normal Category Rotorcraft
AC 29-2	Certification of Transport Category Rotorcraft
AC 33.4-1	Instructions for Continued Airworthiness
FSAW 94-48	Procedures to be Used to Approve Instructions for Continued Airworthiness Approved by Supplemental Type Certificates (STC)
FSAW 98-03	Instructions for Continued Airworthiness for Major Alterations Approved Under a Field Approval Process

NOTE: DynaComm (Policy Subsystem Document) should be searched to determine other applicable guidance required to perform this task.

Inactive Doc

1. Upon receipt of ICA (complete or sections)/revisions from Aircraft Certification Office (ACO) or manufacturer
 - 1.1 Open PTRS record
 - K: Order 1380.51
2. Check the ICA for required sections
 - 2.1 Receive ICA (complete or sections)/revision
 - 2.2 Document missing sections, e.g.:
 - Program to show how changes in the ICA will be distributed
 - Aircraft maintenance manual or section
 - Maintenance instructions
 - Airworthiness limitations
3. Check that each section received contains the required information
 - 3.1 Review each section of the proposed ICA against the appropriate CFR and certification requirements
 - 14 CFR § 21.50
 - 14 CFR § 23.1529, Appendix G
 - 14 CFR § 25.1529, Appendix H
 - 14 CFR § 27.1529, Appendix A
 - 14 CFR § 29.1529, Appendix A
 - 14 CFR § 33.4, Appendix A
 - 14 CFR § 35.4, Appendix A
 - Special conditions
 - Issue papers
 - 3.2 Document any missing information
4. Verify that all aircraft systems are covered
 - 4.1 Determine which systems are covered in the ICA, which systems are installed in the aircraft, and whether all installed systems are covered by the ICA
 - 4.2 Inform ACO of any installed systems not covered, and all missing sections
5. Check that the Airworthiness Limitations (AL) section contains the required information
 - 5.1 Verify that the AL section:
 - Is properly titled
 - Is segregated and clearly distinguishable
 - Is in the principal manual when the ICA consists of multiple documents

- Shows, as applicable, the following items required for type certification:
 - Each mandatory replacement time
 - Each structural inspection interval and related structural inspection procedure
 - Contains the following statement: “The airworthiness limitations section is FAA approved and specifies maintenance required under paragraphs 43.16 and 91.163 of the Federal Aviation Regulations unless an alternative program has been FAA approved”
- 5.2 Inform ACO of missing information or deviations in the AL section
6. Notify ACO of concurrence or recommended corrections/additions to the technical content of the ICA
- 6.1 Determine if all sections of the ICA have been received:
 - If all sections have not been received, notify ACO and review future ICA documents as received
- 6.2 Determine whether office concurs on technical content of ICA:
 - Write letter of concurrence and forward to ACO, or
 - Write letter recommending corrections/additions to technical content, and forward to ACO
7. Close PTRS record
K: Order 1380.51