

Element Performance Inspection (EPI)

1.3.2 Inspection Program (AW)

Purpose of this Element (Air Carrier's responsibility):

To ensure changes in the Air Carrier's Inspection program contain all of the necessary elements to manage the airworthiness of its aircraft.

Objective (FAA responsibility):

To verify that the Air Carrier's Inspection Program contains all of the elements to manage the airworthiness of its aircraft.

Specific Instructions for this EPI:

The Principal Inspector, the assistant or their Partial Program Managers (PPM) will normally conduct this EPI. The inspector will complete a comprehensive review of the Air Carrier's Inspection Program to verify it contains all necessary elements.

This EPI may be performed while conducting surveillance of an Air Carrier's Inspection Program and aircraft to include inspection time limits requirements, life limited requirements, special inspection requirements, scheduled and unscheduled inspections, and airworthiness limitations.

With reference to question 1: The inspector conducting the EPI may coordinate with the PI in order to distinguish when it is best to inspect the specific elements listed in the performance measures.

Related EPIs:

- 1.1.1 Aircraft Airworthiness (AW)
- 1.1.2 Appropriate Operational Equipment (AW)
- 1.2.1 Airworthiness Release / Logbook Entry (AW)
- 1.2.2 Major Repairs and Alterations Records (AW)
- 1.2.3 Maintenance Log / Recording Requirements (AW)
- 1.2.5 Mechanical Reliability Reports (MRR) (AW)
- 1.3.3 Maintenance Facility / Main Maintenance Base (AW)
- 1.3.4 Required Inspection Items (RII) (AW)
- 1.3.6 AD Management (AW)
- 1.3.7 Outsource Organization (AW)
- 1.3.8 Control of Calibrated Tools and Test Equipment (AW)
- 1.3.9 Engineering / Major Repairs and Alterations (AW)
- 1.3.11 Continuous Analysis and Surveillance (CAS) (AW)
- 1.3.14 General Maintenance Manual / Equivalent (AW)
- 1.3.15 Reliability Program (AW)
- 1.3.17 Weight and Balance Program (AW)
- 4.1.1 RII Personnel (AW)
- 4.1.2 Maintenance Certificate Requirements (AW)
- 4.2.1 Maintenance Training Program (AW)

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To meet this objective, the inspector will accomplish the following tasks (at the inspection locations where applicable):

1. Review the FAA Guidance and Specific Regulatory Requirements (SRR) included in the supplemental information section of this EPI.
2. Review the associated SAI, with emphasis on the Controls Attribute section.
3. Review the Air Carrier's Inspection Program policies and procedures.
4. Discuss the Air Carrier's Inspection Program objectives with appropriate personnel.
5. Review and evaluate the performance of the Air Carrier's Inspection Program.
6. Review Inspection Program records and reports.

To meet this objective, the inspector will answer the following questions:

1. Were the following performance measures met:

<i>1.1 The Air Carrier records discrepancies (non-routine) in accordance with their policies and procedures.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.2 The Air Carrier completes the inspection work cards/documents in accordance with their policies and procedures.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.3 The Air Carrier identifies events that require unscheduled inspections.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.4 The Air Carrier conducts inspections as a result of events that require unscheduled inspections.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.5 At the time of inspection, the facilities being used for that inspection meet the Air Carrier's standards for that level of inspection.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.6 The Air Carrier identifies items in the work cards/documents that require RII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.7 The Air Carrier only uses RII qualified personnel to inspect RII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.8 The Air Carrier correctly establishes the date/time cycle of the next time the inspection is due.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.9 The Air Carrier follows its corrosion/environmental deterioration inspection requirements.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:

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2. Were the Air Carrier's procedures followed for the Inspection Program?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
3. Were the identified controls followed for the Inspection Program?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
4. Did the records comply with the Air Carrier's policies and procedures for the Inspection Program?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
5. <Deleted>		

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SUPPLEMENTAL INFORMATION

SRRs:

- 14 CFR 121.198 (d, g), “Cargo service airplanes: increased zero fuel and landing weights.”
- 14 CFR 121.309 (b), “Emergency equipment.”
- 14 CFR 121.337 (b), “Protective breathing equipment.”
- 14 CFR 121.365 (a, b), “Maintenance, preventive maintenance, and alteration organization.”
- 14 CFR 121.367 (a-c), “Maintenance, preventive maintenance, and alterations programs.”
- 14 CFR 121.369 (a, b), “Manual requirements.”
- 14 CFR 121.380 (a), “Maintenance recording requirements.”

Other CFRs and FAA Guidance:

- 14 CFR 121.198(d, g), “Cargo Service Airplanes: Increased Zero Fuel and Landing Weights.”
- FAA Order 8300.10, Review applicable sections pertaining to inspection programs, including applicable handbook bulletins.
- FAA Order 8300.10, Vol. 2, Chap. 64, Par.a 5, 9 and 11, “Evaluate Continuous Airworthiness Maintenance Program/Revision.”
- HBAW 95-07, “Maintenance and Inspection of Autopilot Systems on Boeing 737 Airplanes.”
- Refer to appropriate Airworthiness Directives.
- Refer to Advisory Circulars using a search engine (such as ATP Navigator or Summit).