

Element Performance Inspection (EPI)

1.3.11 Continuous Analysis and Surveillance (CAS) (AW)

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

To provide continuous analysis and surveillance of the Air Carrier's continuous airworthiness maintenance program (CAMP) performance and effectiveness, and to develop and implement corrective action for any and all identified deficiencies.

Objective (FAA responsibility):

To determine if the Air Carrier follows its policies, procedures, and controls for the CAS program.

Specific Instructions for this EPI:

To accomplish this EPI, the inspector shall audit the Air Carrier's CAS program records to identify problems and deficiencies in the CAMP. The Air Carrier uses this information to correct problems with its CAMP.

Related EPIs:

- 1.3.1 Maintenance Program (AW)
- 1.3.2 Inspection Program (AW)
- 1.3.3 Maintenance Facility / Main Maintenance Base (AW)
- 1.3.14 General Maintenance Manual / Equivalent (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 Continuous Analysis and Surveillance (CAS) Program policies and procedures.
4. Observe and assess the results of the Continuous Analysis and Surveillance (CAS) process.
5. Review and assess appropriate records of the Continuous Analysis and Surveillance (CAS) process.

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

1. Were the following performance measures met:

<i>1.1 The Air Carrier conducts CAS audits of the Continuous Airworthiness Maintenance Program (CAMP).</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.1.1 The Air Carrier monitors the records and performance of its maintenance Reliability Programs.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If no or N/A, explain:
<i>1.1.2 The Air Carrier conducts audits of Outsource Organizations to identify compliance with contractual agreements.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.1.3 The Air Carrier audits maintenance checks to ensure the aircraft are in condition for safe operation, meet type design and/or have been altered using approved data.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.1.4 The Air Carrier conducts audits of completed maintenance and inspection activity records to ensure compliance with its policies and procedures.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.1.5 The Air Carrier audits its maintenance planning function to ensure all inspections are completed in accordance with their maintenance program requirements and/or limitations, and the next due inspections are correctly established.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:

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<i>1.2 The Air Carrier uses the results of the CAS audit to identify problems in the CAMP.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.3 The CAS Program analyzes data from the CAMP to identify program deficiencies.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.4 The Air Carrier uses the results of the analysis to correct those deficiencies.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
2. Were the Air Carrier's CAS program procedures followed?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
3. Were the Air Carrier's CAS program controls followed?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
4. Did CAS records comply with the Air Carrier's program policies and procedures?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
5. <Deleted>		

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SUPPLEMENTAL INFORMATION

SRRs:

- 14 CFR 121.373 (a, b), “Continuing analysis and surveillance.”

Other CFRs and FAA Guidance:

- FAA Order 8300.10, Vol. 2, Chap. 65, “Evaluate Continuing Analysis and Surveillance Program/Revision.”
- FAA Order 8300.10, Vol. 3, Chap. 37, “Monitor Continuing Analysis and Surveillance Program/Revision.”
- HBAW 96-05C, “Air Carrier Operations Specifications Authorization....”
- HBAW 95-06A, “Maintenance Programs for Aircraft Engines....”
- Refer to Advisory Circulars using a search engine (such as ATP Navigator or Summit).