

## **Element Performance Inspection (EPI)**

### **1.3.8 Control of Calibrated Tools and Test Equipment (AW)**

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

To ensure the precision tools, measuring devices, and test equipment are calibrated in accordance with its policies and procedures.

**Objective (FAA responsibility):**

To determine if the Air Carrier follows its policies, procedures, and controls for the Calibrated Tools and Test Equipment Program.

**Specific Instructions for this EPI:**

To accomplish this EPI the inspector shall ensure that the Air Carrier adheres to its policies and procedures for calibrated tools. The inspector shall conduct spot checks of calibrated tools and equipment, and if applicable, the master calibration records.

**Task 4.** Appropriate personnel are managers, supervisors, and aviation maintenance technicians, etc.

**Question 1.3.** Precision tools, measuring devices, and test equipment may include personally owned tools.

Related EPIs:

- 1.3.3 Maintenance Facility / Main Maintenance Base (AW)
- 5.1.1 Line Stations (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 Manual related to the Control of Calibrated Tools and Test Equipment Program.
4. Discuss calibration of tools and test equipment procedures with appropriate personnel.
5. Assess the results of the Control of Calibrated Tools and Test Equipment process.
6. Review appropriate records of the Control of Calibrated Tools and Test Equipment.

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

1. Were the following performance measures met:

<i>1.1 Calibrated tools and test equipment used to certify items as airworthy were within the calibration time intervals.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.2 Calibration standards were met and traceable to National Institute of Standards and Technology (NIST) or manufacturer's standards.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.3 Appropriate calibration labels/stamps were attached to precision tools, measuring devices, and test equipment.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
2. Were the Air Carrier's procedures for the Calibrated Tools and Test Equipment followed?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
3. Were the Air Carrier's Calibrated Tools and Test Equipment controls followed?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
4. Did the Air Carrier's Calibrated Tools and Test Equipment records comply with 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 121.369 (b), “Manual requirements.”

**Other CFRs and FAA Guidance:**

- 14 CFR 145.47 (b), “Equipment and materials.”
- FAA Order 8300.10, Vol. 2, Chap. 63, “Evaluate 14 CFR Part 121/135.411(a)(2) Company Manual/ Revision.”
- FAA Order 8300.10, Vol. 2, Chap. 64, “Evaluate Continuous Airworthiness Maintenance Program/ Revision.”
- FAA Order 8300.10, Vol. 2, Chap. 74, “Evaluate 14 CFR Parts 121 and 135....”
- FAA Order 8300.10, Vol. 2, Chap. 221, “Conduct Evaluation of Operator/Applicant’s Maintenance Facility.”
- FAA Order 8300.10, Vol. 2, Chap. 236, “Evaluate Avionics Test Equipment.”
- FAA Order 8300.10, Vol. 3, Chap. 2, “Conduct Spot Inspection of Operator’s Aircraft.”
- FAA Order 8300.10, Vol. 3, Chap. 36, “Monitor Continuous Airworthiness Maintenance Program/ Revision.”
- FAA Order 8300.10, Vol. 3, Chap. 131, “Inspect Operator’s Maintenance Facility.”
- FAA Order 8300.10, Vol. 3, Chap. 144, “Inspect Avionics Test Equipment.”
- Refer to Advisory Circulars using a search engine (such as ATP Navigator or Summit).