

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

### **4.2.8 Simulators / Training Devices (OP)**

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

To ensure that simulators, training devices, and training aids meet the requirements of its training programs.

**Objective (FAA responsibility):**

To determine if the Air Carrier's simulators, training devices, and training aids are available, operable, and being used as specified in the approved training program.

**Specific Instructions for this EPI:**

To accomplish this EPI, the inspector should have a basic understanding of the simulator approval process. This EPI should be accomplished at various locations where the Air Carrier trains its crewmembers.

Related EPIs:

- 4.2.1 Maintenance Training Program (AW)
- 4.2.2 RII Training Requirements (AW)
- 4.2.3 Training of Flight Crewmembers (OP)
- 4.2.4 Training of Flight Attendants (OP)
- 4.2.6 Training of Station Personnel (OP)
- 4.2.7 Training of Check Airmen and Instructors (OP)
- 4.2.9 Outsource Crewmember Training (OP)
- 4.2.10 Aircrew Designated Examiner (ADE) Program (OP)

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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 documentation for simulators, training devices, and training aids used in the Air Carrier's training program.
4. Review the technical data relating to simulators, training devices, and training aids, as necessary.
5. Assess the condition and functionality of specific simulators, training devices, and training aids.
6. Review records of specific simulators, training devices, and training aids.

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

1. Were the following performance measures met:
 

<i>1.1 Usage of simulators, training devices, and training aids is consistent with authorizations and approvals.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
<i>1.2 The Air Carrier uses a simulator approved for windshear training.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
2. Were the procedures for the use of simulators, training devices, and training aids followed?
 

	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
3. Were the controls for simulators, training devices, and training aids followed?
 

	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
4. <Deleted>

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### SUPPLEMENTAL INFORMATION

#### **SRRs:**

- 14 CFR 121.407 (a, c, d), “Training Program: Approval of Airplane Simulators and other Training Devices.”
- 14 CFR 121.409 (b, d), “Training Courses Using Airplane Simulators and Other Training Devices.”
- SFAR 58.9 (b), “Training Devices and Simulators.”

#### **Other CFRs and FAA Guidance:**

- FAA Order 8400.10, Vol. 3, Chap. 2, Sect. 5, Par. 445, “Air Operator Technical Administration, Training Programs and Airman Qualifications, Flight Crew Aircraft Ground Training Curriculum Segments, Ground Training Devices.”
- FAA Order 8400.10, Vol. 3, Chap. 2, Sect. 6, “Air Operator Technical Administration, Training Programs and Airman Qualifications, Flight Training Curriculum Segments.”
- FAA Order 8400.10, Vol. 3, Chap. 2, Sect. 7, Par. 547, “Air Operator Technical Administration, Training Programs and Airman Qualifications, Flight Crew Qualification Curriculum, Line Check Qualification Module.”
- Federal Register 61 FR 34508, “Aircraft Flight Simulator Use in Pilot Training, Testing, and Checking, and at Training Centers.” Vol. 61, No. 128, Jul. 2, 1996.
- Refer to Advisory Circulars using a search engine (such as ATP Navigator or Summit).