

## § 142.49

(1) Complete at least 8 hours of ground training on the following subject matter:

- (i) Instruction methods and techniques.
- (ii) Training policies and procedures.
- (iii) The fundamental principles of the learning process.
- (iv) Instructor duties, privileges, responsibilities, and limitations.
- (v) Proper operation of simulation controls and systems.
- (vi) Proper operation of environmental control and warning or caution panels.
- (vii) Limitations of simulation.
- (viii) Minimum equipment requirements for each curriculum.
- (ix) Revisions to the training courses.
- (x) Cockpit resource management and crew coordination.

(2) Satisfactorily complete a written test—

- (i) On the subjects specified in paragraph (c)(1) of this section; and
- (ii) That is accepted by the Administrator as being of equivalent difficulty, complexity, and scope as the tests provided by the Administrator for the flight instructor airplane and instrument flight instructor knowledge tests.

[Doc. No. 26933, 61 FR 34562, July 2, 1996, as amended by Amdt. 142-2, 62 FR 68137, Dec. 30, 1997]

## § 142.49 Training center instructor and evaluator privileges and limitations.

(a) A certificate holder may allow an instructor to provide:

- (1) Instruction for each curriculum for which that instructor is qualified.
- (2) Testing and checking for which that instructor is qualified.
- (3) Instruction, testing, and checking intended to satisfy the requirements of any part of this chapter.

(b) A training center whose instructor or evaluator is designated in accordance with the requirements of this subpart to conduct training, testing, or checking in qualified and approved flight training equipment, may allow its instructor or evaluator to give endorsements required by part 61 of this chapter if that instructor or evaluator is authorized by the Administrator to instruct or evaluate in a part 142 cur-

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riculum that requires such endorsements.

(c) A training center may not allow an instructor to—

(1) Excluding briefings and debriefings, conduct more than 8 hours of instruction in any 24-consecutive-hour period;

(2) Provide flight training equipment instruction unless that instructor meets the requirements of §142.53 (a)(1) through (a)(4), and §142.53(b), as applicable; or

(3) Provide flight instruction in an aircraft unless that instructor—

(i) Meets the requirements of §142.53(a)(1), (a)(2), and (a)(5);

(ii) Is qualified and authorized in accordance with subpart H of part 61 of this chapter;

(iii) Holds certificates and ratings specified by part 61 of this chapter appropriate to the category, class, and type aircraft in which instructing;

(iv) If instructing or evaluating in an aircraft in flight while serving as a required crewmember, holds at least a valid second class medical certificate; and

(v) Meets the recency of experience requirements of part 61 of this chapter.

[Doc. No. 26933, 61 FR 34562, July 2, 1996, as amended by Amdt. 142-2, 62 FR 68137, Dec. 30, 1997; Amdt. 142-9, 78 FR 42380, July 15, 2013]

## § 142.51 [Reserved]

## § 142.53 Training center instructor training and testing requirements.

(a) Except as provided in paragraph (c) of this section, prior to designation and every 12 calendar months beginning the first day of the month following an instructor's initial designation, a certificate holder must ensure that each of its instructors meets the following requirements:

(1) Each instructor must satisfactorily demonstrate to an authorized evaluator knowledge of, and proficiency in, instructing in a representative segment of each curriculum for which that instructor is designated to instruct under this part.

(2) Each instructor must satisfactorily complete an approved course of ground instruction in at least—

(i) The fundamental principles of the learning process;