

## Subpart A—General

## § 61.1 Applicability.

(a) This part prescribes the requirements for issuing pilot and flight instructor certificates and ratings, the conditions under which those certificates and ratings are necessary, and the privileges and limitations of those certificates and ratings.

(b) Except as provided in § 61.71, an applicant for a certificate or rating must meet the requirements of this part.

[Doc. No. 11802, 38 FR 3161, Feb. 1, 1973, as amended by Amdt. 61-63, 39 FR 20057, June 6, 1974; Amdt. 61-490, 56 FR 11324, Mar. 15, 1991]

## § 61.2 Definition of terms.

For the purpose of this part:

(a) *Authorized instructor* means—

(1) An instructor who has a valid ground instructor certificate or current flight instructor certificate with appropriate ratings issued by the Administrator;

(2) An instructor authorized under part 121 (SFAR 58), part 135, or part 142 of this chapter to give instruction under those parts; or

(3) Any other person authorized by the Administrator to give instruction under this part.

(b) *Flight simulator, airplane* means a device that—

(1) Is a full-sized airplane cockpit replica of a specific type of airplane, or make, model, and series of airplane;

(2) Includes the hardware and software necessary to represent the airplane in ground operations and flight operations;

(3) Utilizes a force cueing system that provides cues at least equivalent to those cues provided by a 3 degree freedom of motion system;

(4) Utilizes a visual system that provides at least a 45° horizontal field of view and a 30° vertical field of view simultaneously for each pilot; and

(5) Has been evaluated, qualified, and approved by the Administrator.

(c) *Flight simulator, helicopter* means a device that—

(1) Is a full-sized helicopter cockpit replica of a specific type of aircraft, or make, model, and series of helicopter;

(2) Includes the hardware and software necessary to represent the heli-

copter in ground operations and flight operations;

(3) Utilizes a force cueing system that provides cues at least equivalent to those cues provided by a 3 degree freedom of motion system;

(4) Utilizes a visual system that provides at least a 45° horizontal field of view and 30° vertical field of view simultaneously for each pilot; and

(5) Has been evaluated, qualified, and approved by the Administrator.

(d) *Flight training device* means a device that—

(1) Is a full-sized replica of instruments, equipment, panels, and controls of an airplane or rotorcraft, or set of airplanes or rotorcraft, in an open flight deck area or in an enclosed cockpit, including the hardware and software for systems installed, necessary to simulate the airplane or rotorcraft in ground operations and flight operations;

(2) Need not have a force (motion) cueing or visual system; and

(3) Has been evaluated, qualified, and approved by the Administrator.

(e) *Set of airplanes or rotorcraft* means airplanes or rotorcraft which all share similar performance characteristics, such as similar airspeed and altitude operating envelope, similar handling characteristics, and the same number and type of propulsion systems.

[Doc. No. 26933, 61 FR 34547, July 2, 1996]

## § 61.3 Certification of foreign pilots and flight instructors.

(a) A person who is neither a U.S. citizen nor a resident alien may be issued a pilot certificate or flight instructor certificate under this part (other than under § 61.75 or § 61.77), outside the United States, only when the Administrator finds that—

(1) The pilot certificate is needed for the operation of a U.S.-registered civil aircraft; or

(2) The flight instructor certificate is needed for the training of students who are citizens of the United States.

(b) Training centers, and their satellite training centers certificated under part 142 of this chapter, may, outside the United States—

(1) Prepare and recommend applicants for additional ratings and endorsements to certificates issued by