

training provider certifying the person satisfactorily completed the ground training appropriate to the category of aircraft for which the person is seeking the EFVS privilege.

(2) The ground training must include the following subjects:

(i) Those portions of this chapter that relate to EFVS flight operations and limitations, including the Airplane Flight Manual or Rotorcraft Flight Manual limitations;

(ii) EFVS sensor imagery, required aircraft flight information, and flight symbology;

(iii) EFVS display, controls, modes, features, symbology, annunciations, and associated systems and components;

(iv) EFVS sensor performance, sensor limitations, scene interpretation, visual anomalies, and other visual effects;

(v) Preflight planning and operational considerations associated with using EFVS during taxi, takeoff, climb, cruise, descent and landing phases of flight, including the use of EFVS for instrument approaches, operating below DA/DH or MDA, executing missed approaches, landing, rollout, and balked landings;

(vi) Weather associated with low visibility conditions and its effect on EFVS performance;

(vii) Normal, abnormal, emergency, and crew coordination procedures when using EFVS; and

(viii) Interpretation of approach and runway lighting systems and their display characteristics when using an EFVS.

(b) *Flight training.* (1) Except as provided under paragraph (h) of this section, no person may manipulate the controls of an aircraft or act as pilot in command of an aircraft during an EFVS operation under § 91.176(a) or (b) of this chapter unless that person—

(i) Receives and logs flight training for the EFVS operation under a training program approved by the Administrator; and

(ii) Obtains a logbook or training record endorsement from an authorized training provider certifying the person is proficient in the use of EFVS in the category of aircraft in which the training was provided for the EFVS operation to be conducted.

(2) Flight training must include the following tasks:

(i) Preflight and inflight preparation of EFVS equipment for EFVS operations, including EFVS setup and use of display, controls, modes and associated systems, and adjustments for brightness and contrast under day and night conditions;

(ii) Proper piloting techniques associated with using EFVS during taxi, takeoff, climb, cruise, descent, landing, and rollout, including missed approaches and balked landings;

(iii) Proper piloting techniques for the use of EFVS during instrument approaches, to include operations below DA/DH or MDA as applicable to the EFVS operations to be conducted, under both day and night conditions;

(iv) Determining enhanced flight visibility;

(v) Identifying required visual references appropriate to EFVS operations;

(vi) Transitioning from EFVS sensor imagery to natural vision acquisition of required visual references and the runway environment;

(vii) Using EFVS sensor imagery, required aircraft flight information, and flight symbology to touchdown and rollout, if the person receiving training will conduct EFVS operations under § 91.176(a) of this chapter; and

(viii) Normal, abnormal, emergency, and crew coordination procedures when using an EFVS.

(c) *Supplementary EFVS training.* A person qualified to conduct an EFVS operation under § 91.176(a) or (b) of this chapter who seeks to conduct an additional EFVS operation for which that person has not received training must—

(1) Receive and log the ground and flight training required by paragraphs (a) and (b) of this section, under a training program approved by the Administrator, appropriate to the additional EFVS operation to be conducted; and

(2) Obtain a logbook or training record endorsement from the authorized training provider certifying the person is proficient in the use of EFVS in the category of aircraft in which the training was provided for the EFVS operation to be conducted.