This training and practice may be accomplished either inflight, in an airplane simulator, or in a training device.

(2) A flight check that includes—
   (i) Preflight inspection;
   (ii) Inflight performance of assigned duties accomplished from the flight engineer station during taxi, runup, takeoff, climb, cruise, descent, approach, and landing;
   (iii) Accomplishment of other functions, such as fuel management and preparation of fuel consumption records, and normal and emergency or alternate operation of all airplane flight systems, performed either inflight, in an airplane simulator, or in a training device.

Flight engineers possessing a commercial pilot certificate with an instrument, category and class rating, or pilots already qualified as second in command and reverting to flight engineer, may complete the entire flight check in an approved airplane simulator.

(b) Except as permitted in paragraph (c) of this section, the initial flight training required by paragraph (a) of this section must include at least the same number of programmed hours of flight training and practice that are specified for a second in command pilot under §121.424(c) unless reduced under §121.405.

(c) If the certificate holder’s approved training program includes a course of training utilizing an airplane simulator or other training device under §121.409(c), each flight engineer must successfully complete in the simulator or other training device—
   (1) Training and practice in at least all of the assigned duties, procedures, and functions required by paragraph (a) of this section; and
   (2) A flight check to a flight engineer level of proficiency in the assigned duties, procedures, and functions.

§121.427 Recurrent training.

(a) Recurrent training must ensure that each crew member or dispatcher is adequately trained and currently proficient with respect to the type airplane (including differences training, if applicable) and crewmember position involved.

(b) Recurrent ground training for crewmembers and dispatchers must include at least the following:
   (1) A quiz or other review to determine the state of the crewmember’s or dispatcher’s knowledge with respect to the airplane and position involved.
   (2) Instruction as necessary in the subjects required for initial ground training by §§121.415(a) and 121.805, as appropriate, including emergency training (not required for aircraft dispatchers).
   (3) For flight attendants and dispatchers, a competence check as required by §§121.421(b) and 121.422(b), respectively.
   (4) Approved recurrent CRM training. For flight crewmembers, this training or portions thereof may be accomplished during an approved simulator line operational flight training (LOFT) session. The recurrent CRM training requirement does not apply until a person has completed the applicable initial CRM training required by §§121.419, 121.421, or 121.422.

(c) Recurrent ground training for crewmembers and dispatchers must consist of at least the following programmed hours unless reduced under §121.405:
   (1) For pilots and flight engineers—
      (i) Group I, reciprocating powered airplanes, 16 hours;
      (ii) Group I turbopropeller powered airplanes, 20 hours; and
      (iii) Group II airplanes, 25 hours.
   (2) For flight navigators—
§ 121.431 Applicability.

(a) This subpart:

(1) Prescribes crewmember qualifications for all certificate holders except where otherwise specified. The qualification requirements of this subpart also apply to each certificate holder that conducts commuter operations under part 135 of this chapter with airplanes for which two pilots are required by the aircraft type certification rules of this chapter. The Administrator may authorize any other certificate holder that conducts operations under part 135 of this chapter to comply with the training and qualification requirements of this subpart instead of subparts E, G, and H of part 135 of this chapter, except that these certificate holders may choose to comply with the operating experience requirements of § 135.344 of this chapter, instead of the requirements of § 121.434; and

(2) Permits training center personnel authorized under part 142 of this chapter who meet the requirements of §§ 121.411 through 121.414 to provide training, testing, and checking under contract or other arrangement to those persons subject to the requirements of this subpart.

(b) For the purpose of this subpart, the airplane groups and terms and definitions prescribed in § 121.400 and the following definitions apply:

Consolidation is the process by which a person through practice and practical experience increases proficiency in newly acquired knowledge and skills.

Line operating flight time is flight time performed in operations under this part.