

§ 121.427

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(2) With respect to § 121.409(d), training and practice in at least the maneuvers and procedures set forth in the certificate holder's approved low-altitude windshear flight training program that are capable of being performed in an FFS in which the maneuvers and procedures are specifically authorized.

(d) Compliance dates: Beginning on April 27, 2022, upgrade flight training must satisfy the requirements of this section.

[Amdt. 121–382, 85 FR 10924, Feb. 25, 2020]

§ 121.427 Recurrent training.

(a) Recurrent training must ensure that each crewmember or aircraft 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 following:

(i) For pilots, the subjects required for ground training by §§ 121.415(a)(1), (3), and (4) and 121.419(b);

(ii) For flight engineers, the subjects required for ground training by §§ 121.415(a)(1), (3), and (4) and 121.419(a);

(iii) For flight attendants, the subjects required for ground training by §§ 121.415(a)(1), (3), and (4) and 121.421(a); and

(iv) For aircraft dispatchers, the subjects required for ground training by §§ 121.415(a)(1) and (4) and 121.422(a).

(3) For flight attendants and dispatchers, a competence check as required by §§ 121.421(b) and 121.422(b), respectively.

(4) For crewmembers, CRM training and for aircraft dispatchers, DRM training. For flightcrew members, CRM training or portions thereof may be accomplished during an approved FFS line-oriented flight training (LOFT) session.

(c) Recurrent ground training for crewmembers and aircraft dispatchers must consist of at least the following programmed hours of instruction in

the required subjects specified in paragraph (b) of this section unless reduced under § 121.405:

(1) For pilots—

(i) Group I reciprocating powered airplanes, 15 hours;

(ii) Group I turbopropeller powered airplanes, 19 hours; and

(iii) Group II airplanes, 24 hours.

(2) For 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.

(3) For flight attendants—

(i) Group I reciprocating powered airplanes, 4 hours;

(ii) Group I turbopropeller powered airplanes, 5 hours; and

(iii) Group II airplanes, 12 hours.

(4) For aircraft dispatchers—

(i) Group I reciprocating powered airplanes, 8 hours;

(ii) Group I turbopropeller powered airplanes, 10 hours; and

(iii) Group II airplanes, 20 hours.

(d) Recurrent ground training for pilots serving as pilot in command:

(1) Within 36 months preceding service as pilot in command, each person must complete recurrent ground training on leadership and command and mentoring. This training is in addition to the ground training required in paragraph (b) of this section and the programmed hours required in paragraph (c) of this section. This training must include instruction and facilitated discussion on the following:

(i) Leadership and command, including instruction on flightcrew member duties under § 121.542; and

(ii) Mentoring, including techniques for instilling and reinforcing the highest standards of technical performance, airmanship, and professionalism in newly hired pilots.

(2) The requirements of paragraph (d)(1) do not apply until after a pilot has completed ground training on leadership and command and mentoring, as required by §§ 121.419, 121.420 and 121.429, as applicable.

(e) Recurrent flight training for flightcrew members must include at least the following:

(1) For pilots—

(i) Extended envelope training as required by §121.423 of this part; and

(ii) Flight training in an approved FFS in maneuvers and procedures set forth in the certificate holder's approved low-altitude windshear flight training program and flight training in maneuvers and procedures set forth in Appendix F of this part, or in a flight training program approved by the Administrator, except as follows—

(A) The number of programmed inflight hours is not specified; and

(B) Satisfactory completion of a proficiency check may be substituted for recurrent flight training as permitted in §121.433(c) and (e) of this part.

(2) For flight engineers, flight training as provided by §121.425(a) except as follows—

(i) The specified number of inflight hours is not required; and

(ii) The flight check, other than the preflight inspection, may be conducted in an FSTD. The preflight inspection may be conducted in an airplane, or by using an approved pictorial means that realistically portrays the location and detail of preflight inspection items and provides for the portrayal of abnormal conditions. Satisfactory completion of an approved line-oriented flight training may be substituted for the flight check.

(f) Compliance and pilot programmed hours:

(1) Compliance with the requirements identified in paragraph (e)(1)(i) of this section is required no later than March 12, 2019.

(2) After March 12, 2019, recurrent programmed hours applicable to pilots as specified in paragraph (c)(1) of this section must include 30 additional minutes.

[Doc. No. 9509, 35 FR 90, Jan. 30, 1970, as amended by Amdt. 121-80, 36 FR 19362, Oct. 5, 1971; Amdt. 121-144, 43 FR 22647, May 25, 1978; Amdt.121-199, 53 FR 37697, Sept. 27, 1988; Amdt. 121-250, 60 FR 65949, Dec. 20, 1995; Amdt. 121-281, 66 FR 19043, Apr. 12, 2001; Amdt. 121-366, 78 FR 67840, Nov. 12, 2013; Amdt. 121-382, 85 FR 10924, Feb. 25, 2020]

§121.429 Pilots in command: Leadership and command and mentoring training.

(a) Beginning on April 27, 2023, no certificate holder may use a pilot as pilot in command in an operation

under this part unless the pilot has completed the following ground training in accordance with the certificate holder's approved training program:

(1) Leadership and command training in §121.419(c)(1) and mentoring training in §121.419(c)(2); or

(2) Leadership and command training in §121.420(b)(1) and mentoring training in §121.420(b)(2).

(b) Credit for training provided by the certificate holder:

(1) The Administrator may credit leadership and command training and mentoring training completed by the pilot, with that certificate holder, after April 27, 2017, and prior to April 27, 2020, toward all or part of the training required by paragraph (a) of this section.

(2) In granting credit for the training required by paragraph (a) of this section, the Administrator may consider training aids, devices, methods, and procedures used by the certificate holder in voluntary leadership and command and mentoring instruction.

[Amdt. 121-382, 85 FR 10925, Feb. 25, 2020]

Subpart O—Crewmember Qualifications

§ 121.431 Applicability.

(a) This subpart:

(1) Prescribes crewmember qualifications for all certificate holders except where otherwise specified; 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.

Operating cycle is a complete flight segment consisting of a takeoff, climb,