

Title 14—AERONAUTICS AND SPACE

Chapter I—Federal Aviation Adminis- tration, Department of Transporta- tion

SUBCHAPTER H—SCHOOLS AND OTHER CERTIFICATED AGENCIES

[Docket No. 8587; Amdt. 141-6]

PART 141—PILOT SCHOOLS

Approval of Pilot Training Courses

The purpose of these amendments to Part 141 of the Federal Aviation Regulations is to provide rules under which the FAA will approve pilot training courses, that were not previously included in that part. Under the rules of these amendments a certificated pilot school may obtain FAA approval for pilot courses providing instruction for the following purposes:

(1) The addition of an aircraft category or class rating, or an original or additional type rating, on a pilot certificate.

(2) The addition of a rating on a flight instructor certificate.

(3) The proficiency required of an applicant for an airline transport pilot certificate.

(4) The proficiency required of an applicant for a rotorcraft external-load operator certificate or his designated chief pilot.

(5) The proficiency required of an applicant for an agricultural aircraft operator certificate or his designated chief supervisor.

Part 141 provides for the issuance of certificates and associated ground, flying, and flight instructor school ratings that may be issued to pilot schools. It also prescribes, among other things, the detailed standards for the instruction given by schools with each of these ratings. However, the part does not provide for the approval of many of the additional pilot training courses given by some certificated schools to serve the needs of certain pilots.

Some requests have been received in the past for the extension of the provisions of Part 141 to include additional courses of ground and flight instruction, and these have been under consideration in connection with a contemplated revision of Part 141. However, many more requests have been received recently from certificated schools, since enactment of the Veterans' Pension and Readjustment Assistance Act of 1967. This Act, effective October 1, 1967, provides for reimbursement from the Veterans Administration to eligible veterans for flight training "generally accepted as necessary for the attainment of a recog-

nized vocational objective in the field of aviation". Two conditions are attached. First, the eligible veteran must have a valid private pilot certificate (or have satisfactorily completed the number of hours of flight training required therefor), and at least a second-class medical certificate. Second, the "flight school courses must meet the Federal Aviation Administration standards and be approved both by that Agency and the appropriate State approving agency." It has not been possible for courses to meet the second condition, without FAA standards not already provided by Part 141.

To draft, propose, receive industry comments, and then issue a final rule containing detailed standards for pilot training courses to be given by certificated pilot schools, in the same manner as is done for pilot school ratings, can be satisfactorily accomplished only over a substantial period of time. This would delay implementing the purposes for which financial assistance to veterans in this field is contemplated by the recent legislation.

Therefore, as an interim measure pending consideration in connection with the contemplated revision of Part 141, these amendments are issued to provide the basis for FAA approval of the listed pilot training courses given by certificated pilot schools to students with at least private pilot certificates (needed for additional ratings to be attached to certificates, or for meaningful particularized proficiency).

Course approval will be afforded to certificated pilot schools—those that already have shown capability to provide the instruction necessary for the pilot and instructor certificates (and ratings thereon) ordinarily sought upon graduation from the schools. Under the Veterans' Benefits legislation, enrollment of an eligible veteran in a course may not be approved unless the course (or one similar in character) has been given by the institution involved for at least 2 years—a limitation not suitable for incorporation in these amendments of general applicability, but nevertheless limiting in scope with respect to schools desiring course approval under the recent legislation.

The courses eligible for approval under these amendments are set forth in a new Subpart D added to Part 141. As a standard for course approval, the school must show that the course provides adequate instruction for a graduate of the course to achieve the desired objective. Thus, the school must show in its application that a course in preparation for an additional category, class, or type rating (or original type rating) under Part 61 provides adequate instruction for a graduate of the course to perform the required procedures and maneuvers for the ap-

propriate practical test for that rating. Likewise, a school must show that a course in preparation for the addition of a rating on a flight instructor certificate provides adequate instruction for a graduate of the course to pass the required written and practical tests. In the case of a course preparing students for airline transport pilot certificates, the school must show that the course provides adequate ground and flight instruction for a graduate of the course to pass the required written and practical tests for that certificate. Part 141 (like its predecessor Part 50 of the Civil Air Regulations) has not provided a rating and curriculum for the conduct of an airline transport flying school. Now there are numerous discharged military pilots with commercial pilot certificates, instrument ratings, and ample flight time, who desire to obtain training that will prepare them to pass the tests for airline transport pilot certificates.

With respect to courses leading to proficiency in a particularized vocational occupation, namely, rotorcraft external-load or agricultural aircraft operations (the two now covered), the school must show that the course provides adequate instruction for a graduate of the course to show the knowledge and skill regarding the particular operation required by Part 133 or 137 of the Federal Aviation Regulations, respectively.

It is considered that this standard sufficiently assures, prospectively at the time of course approval, that an approved course will accomplish its objective, at least as an interim measure, without the details of instruction that are required for certificated flying school ratings.

Under these amendments, the pilot school seeking course approval must accompany its application with a proposed course curriculum including the actual course content, facilities and equipment appropriate for the course objective, and qualifications of instructors to be used for the particular course. Thus, for approval of a multiengine course, multiengine aircraft suitable for flight instruction must be furnished. Similarly, the instructors used must have ratings appropriate for the instruction they give.

As a requirement applicable promptly after the course has been approved and in operation, these amendments add to § 141.11(a) a requirement that the quality of the instruction must be such that, of the course graduates who apply for a rating or an airline transport pilot certificate within 60 days after they are graduated, at least eight out of each 10 most recent graduates tested by an FAA inspector qualify on their first test for the particular rating or certificate. Courses for particularized vocational proficiency, as in rotorcraft external-load

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or agricultural aircraft operations, do not lead to ratings. In these situations, the amendments require at least eight out of 10 students enrolled in such a course to show competence in pregraduation tests under the procedures of § 141.11(c) already applicable to determine a pilot school's compliance with its school curriculum and instruction quality. Other general provisions of Part 141 by their context will apply to these courses, namely, the balance of § 141.11, and §§ 141.13 (Student tests), 141.21 (Records), and 141.25 (Inspections).

In view of the need for prompt action to allow FAA approval of standards for pilot training courses in which eligible veterans will enroll, I find that notice and public procedure on these amendments would be impracticable and that these amendments may be made effective on less than 30 days' notice.

In consideration of the foregoing, Part 141 of the Federal Aviation Regulations is amended, effective December 13, 1967, as follows:

1. By adding a sentence to § 141.1 to read as follows:

§ 141.1 Applicability.

* * * This part also provides for the approval of pilot training courses given by certificated pilot schools.

2. By inserting the words "flying school" between the words "its" and "graduates" in § 141.11(a), and adding a sentence to that paragraph to read as follows:

§ 141.11 Quality of instruction.

(a) * * * Each certificated pilot school shall provide instruction in each approved pilot training course of such quality that (1) of the course graduates who apply for a rating or airline transport pilot certificate within 60 days after they are graduated from the course, at least eight out of each 10 most recent graduates tested by an FAA inspector qualify for their first test; and (2) of the students enrolled in any pilot training course mentioned in § 141.75 (d) or (e) who are questioned, tested, or flight checked under paragraph (c) of this section, at least eight out of each 10 thereof show competence in the items of the course in which they are enrolled and that have, according to the school schedule and records, been covered in that course.

§ 141.27 [Amended]

3. By inserting the words "or approval of a pilot training course that it obtains" after the word "holds" in § 141.27.

(Secs. 313(a), 601, 607, Federal Aviation Act of 1958; 49 U.S.C. 1354(a), 1421, 1427)

4. By inserting a new Subpart D after § 141.67, to read as follows:

Subpart D—Pilot Training Courses

- Sec.
 141.71 Courses approved.
 141.73 Application and issue.
 141.75 Course instruction.
 141.77 Course curriculum.
 141.79 Enrollment certificates and notifications to the FAA.

AUTHORITY: The provisions of this Subpart D issued under secs. 313(a), 601, 607, Federal Aviation Act of 1958; 49 U.S.C. 1354(a), 1421, and 1427.

Subpart D—Pilot Training Courses

§ 141.71 Courses approved.

In addition to the issuance of the school ratings listed in § 141.9, pilot courses providing instruction for the following purposes are approved under the rules of this subpart:

- (a) The addition of an aircraft category or class rating, or an original or additional type rating, on a pilot certificate.
- (b) The addition of a rating on a flight instructor certificate.
- (c) The proficiency required of an applicant for an airline transport pilot certificate.
- (d) The proficiency required of an applicant for a rotorcraft external-load operator certificate or his designated chief pilot.
- (e) The proficiency required of an applicant for an agricultural aircraft operator certificate or his designated chief supervisor.

(d) The proficiency required of an applicant for a rotorcraft external-load operator certificate or his designated chief pilot.

(e) The proficiency required of an applicant for an agricultural aircraft operator certificate or his designated chief supervisor.

§ 141.73 Application and issue.

(a) The Administrator may, upon application of a certificated pilot school, approve a pilot training course given under, and appropriate to, that school's rating under this part.

(b) An application for approval of a pilot training course is made in writing to the FAA District Office that has jurisdiction over the area in which the pilot school is located.

(c) The application must show that the proposed course provides the instruction required by § 141.75, and be accompanied by two copies of the proposed course curriculum required by § 141.77.

§ 141.75 Course instruction.

The course must provide instruction to train enrolled students (holding at least private pilot certificates and at least third-class medical certificates) as follows:

(a) For the addition of an aircraft category or class rating, or for an original or additional type rating, in accordance with § 61.17 of this chapter, the course must provide adequate instruction for a graduate of the course to perform the required procedures and maneuvers for the appropriate practical test under Part 61 of this chapter.

(b) For the addition of a rating on a flight instructor certificate, in accordance with § 61.178 of this chapter, the course must provide adequate instruction

for a graduate of the course to pass the required written and practical tests under that section.

(c) For the proficiency required of applicants for airline transport pilot certificates, the course must provide adequate ground and flight instruction for a graduate of the course to pass the required written and practical tests under §§ 61.143 and 61.147, and Appendix A of Part 61 of this chapter.

(d) For the proficiency required of applicants for rotorcraft external-load operator certificates or their designated chief pilots, the course must provide adequate instruction for a graduate of the course to show the required knowledge and skill regarding rotorcraft external-load operations under § 133.23 of this chapter.

(e) For the proficiency required of applicants for agricultural aircraft operator certificates or their designated chief supervisors, the course must provide adequate instruction for a graduate of the course to show the required knowledge and skill regarding agricultural aircraft operations under § 137.19(e) of this chapter.

§ 141.77 Course curriculum.

(a) Each course curriculum must include:

(1) The hours of ground and flight instruction and practice to be included, the content of each lesson, and the coverage of all progress checks;

(2) The facilities and equipment to be used, including aircraft and aircraft equipment, appropriate for instruction for the aircraft rating or operating proficiency involved; and

(3) The qualifications of all flight and ground instructors to be used, including airman ratings appropriate to the instruction given by them.

(b) Any change in an approved course curriculum must be approved by the FAA District Office that originally approved the course.

§ 141.79 Enrollment certificates and notifications to the FAA.

The school shall issue:

(a) To each student upon enrollment in a course approved under this subpart, a certificate showing the date of enrollment and the course entered, accompanied by a copy of the approved course curriculum; and

(b) To the FAA District Office that approved the course—

(1) A copy of each certificate of enrollment described in subparagraph (1) of this paragraph, within 3 days after it is issued; and

(2) A notice of graduation from, or of termination of training in, the course by each enrolled student, within 3 days thereafter.

Issued in Washington, D.C., on December 7, 1967.

WILLIAM F. MCKEE,
 Administrator.