CIVIL AERONAUTICS AUTHORITY

WASHINGTON, D. C.

CIVIL AIR REGULATIONS

PART 53.—MECHANIC SCHOOL RATING

Effective May 1, 1940, As Amended

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1940

For sale by the Superintendent of Documents, Washington, D. C. - - - - Price 5 cents

THE UNITED STATES OF AMERICA

CIVIL AERONAUTICS AUTHORITY

WASHINGTON, D. C.

At a session of the Civil Aeronautics Authority held at its office in Washington, D. C., on the 2nd day of February 1940.

In the Matter of the Effective Date of Certain Amendments to the Civil Air Regulations

ORDER PRESCRIBING THE EFFECTIVE DATE OF PARTS 51 AND 53, THE REVISION OF PARTS 20, 24, AND 52, AND SECTION 60.50, AND THE DELETION OF PARTS 23 AND 25 OF THE CIVIL AIR REGULATIONS

Acting pursuant to the authority vested in it by the Civil Aeronautics Act, and finding that its action is desirable in the public interest and is necessary to carry out the provisions of and to exercise and perform its powers and duties under said Act, the Civil Aeronautics Authority orders that:

Part 51 of the Civil Air Regulations, adopted by the Authority November 7, 1939; Part 53 of the Civil Air Regulations, adopted by the Authority October 3, 1939; the amendment to Part 20, adopted by the Authority on November 7, 1939, and further amended heretofore on this day, February 2, 1940; the amendments to Parts 23 and 52 and section 60.50 of the Civil Air Regulations, adopted by the Authority November 7, 1939; and the amendment to Parts 24 and 25 of the Civil Air Regulations, adopted by the Authority December 22, 1939, shall become effective May 1, 1940.

By the Authority:

[SEAL]

(s) PAUL J. FRIZZELL,
Paul J. Frizzell,
Secretary.

CIVIL AIR REGULATIONS

PART 53.—MECHANIC SCHOOL RATING

Sec.		Sec.	
53.1	Mechanic school rating certificate requirements.	53.25	Credit for extra-curricular work.
53.10	Curriculum.	53.3	Mechanic school certificate.
53.11	Mechanic instructors.	53.30	Application.
53.12	Mechanic instructors, ratio.	53.31	Display.
53.13	Facilities, equipment, and material.	53.32	Duration.
53.2	Student instruction.	53.33	Nontransferability.
53.20	Student examinations.	53.34	Surrender.
53.21	Records.	53.35	Inspection.
53.22	Reports.	53.4	General rules.
53.23	Graduation certificate.	53.40	Advertising.
53.24	Standard of instruction.	53.41	Curriculum changes.
		53.42	Maintenance of facilities, equipment, and material.

53.1 Mechanic school rating certificate requirements. To be eligible for a rating as a mechanic school and certification as such an applicant shall comply with the following requirements:

53.10 Curriculum:

(a) An applicant shall have a curriculum of not less than 1,650 hours of instruction in the theory and practice of construction, inspection, maintenance, overhaul, and repair of aircraft, aircraft engines, propellers, and their appliances, and in the contents of the applicable Civil Air Regulations. This curriculum shall be designed to be completed in not less than one year.

(b) The applicant may also secure approval by the Authority of the following additional curricula:

(1) An aircraft curriculum which shall include all subjects appearing in the aircraft and aircraft engine curriculum specifically dealing with aircraft, including the applicable provisions of the Civil Air Regulations. This curriculum shall include not less than 960 hours of instruction and shall be designed to be completed in not less than 8 months.

(2) An aircraft engine curriculum which shall include all subjects appearing in the aircraft and aircraft engine curriculum specifically dealing with aircraft power plants, including the applicable provisions of the Civil Air Regulations. This curriculum shall include not less than 960 hours of instruction and be designed to be completed in not less than 8 months.

(c) Each curriculum described in this section shall provide for instruction in all the subjects necessary properly to qualify the student to perform the duties and functions of the position for which he may seek an airman certificate.[1]

[1] A manual will be issued outlining the contents of the several curricula provided for in Sec. 53.10.

(c) The names of the students who have been graduated within the period covered by the report and the course or courses from which graduated.

(d) The names of all students dropped from enrollment, within the period covered by the report, and the reasons therefor.

53.23 Graduation certificate. Each student graduating from a certificated mechanic school who has satisfactorily completed an approved curriculum shall be given a graduation certificate executed on a form prescribed and furnished by the Authority.

53.24 Standard of instruction. The standard of instruction in a certificated mechanic school shall be sufficiently high to insure that an average of 8 out of 10 of its graduates, who apply within 1 year after graduation, will qualify for a mechanic certificate and rating corresponding to the curriculum from which they were graduated. This average shall be computed on the basis of the number of students, graduated by the school during each 6 months' period after May 1, 1940, who apply and are examined for the mechanic certificate and rating corresponding to the curriculum from which they were graduated.

53.25 Credit for extra-curricular work. A student who is engaged in a mechanical occupation, the nature of which is comparable to some portion of the curriculum in which he is enrolled, may receive credit for a number of hours equivalent to the experience received, in lieu of such portion of the curriculum; *Provided*, That such credit shall not exceed 400 hours in the 1,650-hour curriculum, nor 200 hours in each 960-hour curriculum.

53.26 Hours of attendance. No student shall be given a graduation certificate unless such student has been in attendance not less than 98 percent of the total hours required by the school to complete the approved curriculum for which he was enrolled.

53.3 Mechanic school certificate.

53.30 Application. Application for a mechanic school certificate shall be made upon the applicable form prescribed and furnished by the Authority, and shall be accompanied by two copies of any proposed curriculum.

53.31 Display. A mechanic school certificate shall be presented for inspection upon the reasonable request of any person.

53.32 Duration. A mechanic school certificate shall be of 60 days' duration and, unless the holder thereof is otherwise notified by the Authority within such period, shall continue in effect indefinitely thereafter, unless suspended or revoked by the Authority.

53.33 Nontransferability. A mechanic school certificate is not transferable.

53.34 Surrender. Upon the suspension, revocation, or expiration of a mechanic school certificate, the holder of such certificate shall, upon request, surrender such certificate to any officer or employee of the Authority.

53.35 Inspection. The applicant for a mechanic school certificate shall offer full cooperation with respect to any inspection or examination which may be made of said applicant, its personnel, facilities, equipment, and records, upon proper request by an authorized repre-

53.11 Mechanic instructors. The applicant shall have, for all subjects included in any approved curriculum, instructors holding valid mechanic certificates and valid ground instructor certificates, with ratings for each certificate appropriate for the subject or subjects in which such persons give instruction: *Provided*, That the applicant may be deemed to have met this requirement if he shows that any such instruction being given by a person not so rated and certificated is being given under the direct supervision of a full-time instructor with the certificate and ratings required by this section.

53.12 Mechanic instructors, ratio. The applicant shall have at least one instructor giving instruction in each subject in an approved curriculum for each 25 students simultaneously receiving instruction in that subject.

53.13 Facilities, equipment, and material. An applicant shall have the following facilities, equipment, and material:

(a) Suitable classrooms adequate to accommodate the largest number of students scheduled for attendance at any one time. Such classrooms shall be properly heated, lighted, and ventilated.

(b) Suitable shop space adequate to accommodate the largest number of students scheduled for attendance at any one time. Such shop space shall be at least 10,000 square feet in area and shall be properly heated, lighted, and ventilated.

(c) Material and equipment of the kind and quantity necessary to give each student theoretical and practical training in the use of such material and equipment sufficient to qualify him to perform the duties and functions of the position for which he may seek an airman certificate.[2]

53.2 Student instruction.

53.20 Student examinations. Upon completion of each subject included in any approved curriculum, each student taking such subject shall be given an appropriate examination. The student's examination, or, in the case of a practical examination, a report thereof, shall be kept by the school as a part of its records for not less than 1 year from the date of the termination of the student's enrollment.

53.21 Records. Certificated mechanic schools shall keep an accurate individual record of each student enrolled therein, which record shall include a chronological log of all instruction, attendance, subjects covered, examinations, and examination grades. The entire record shall be certified by an authorized official of the school familiar with the facts contained therein.

53.22 Reports. On the first day of January and July of each year and at such other times as the Authority may require, every holder of a mechanic school certificate shall transmit to the Authority a correct and completely executed report on the form prescribed and furnished by the Authority. Such report shall include the following information as to students enrolled in the course or courses approved by the Authority:

(a) The names of all students enrolled.

(b) The course or courses for which they are enrolled.

[2] A manual will be issued outlining the equipment, facilities and material which are necessary to comply with Sec. 53.13.

sentative of the Authority prior or subsequent to the issuance of a mechanic school certificate.

53.4 General rules.

53.40 Advertising. No certificated mechanic school shall in any manner make any statement pertaining to such school which is false or is designed to mislead any person contemplating enrollment in such school: *Provided*, That any advertising which indicates that such school is approved by the Authority shall clearly differentiate between those subjects which have been approved by the Authority and those which have not.

53.41 Curriculum changes. No change shall be made in any approved curriculum prior to approval of the change by the Authority. Unless the school is notified to the contrary within 60 days after submission of the proposed change to the Authority, such change will be deemed to have been approved.

53.42 Maintenance of facilities, equipment, and material. The holder of a currently effective mechanic school certificate shall maintain personnel, facilities, equipment, and material at least equal in quality and quantity to those required for the issuance of such a certificate.

○