Federal Aviation Agency

Washington, D.C.

Civil Aeronautics Manual 53

Mechanic School Certificates

Supplement No. 1, CAM 53 dated August 1959 — January 15, 1962

SUBJECT: Deletion of Semiannual Reporting Requirement.

This supplement is issued to incorporate into CAM 53 Civil Air Regulations Amendment 53–1. This amendment deleted section 53.58 of the Civil Air Regulations and section 53.58–1 of the manual material which contained a semiannual reporting requirement for mechanic schools.

With the discontinuance of the distribution of individual amendments to the Civil Air Regulations, it is believed that the preamble material contained in the amendments should be reproduced in the manuals. Therefore, this supplement incorporates into CAM 53 the preamble of currently effective Part 53 and the preamble of Amendment 53–1. In addition to the preamble, the date of adoption, the effective date, Federal Register citation, and the sections affected are given.

These preambles are set up as an addendum to CAM 53 and the page numbers are prefixed with the letter "P." It is recommended that these pages be retained in the back of the current CAM 53. Additional pages will be added as amendments to Part 53 are issued.

New or revised material is enclosed in black brackets on the pages submitted with this supplement. However, because the addendum containing the preambles to amendments to Part 53 and Amendment 53–1 are new in their entirety they are not so marked.

Remove the following pages:	*Insert the following new pages:*
III and IV	III and IV
13 through 16	13 through 15
21 through 23	21 and 22
	P–1 through P–3

George C. Prill

GEORGE C. PRILL, *Director,*
Flight Standards Service.

Attachments.

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Contents

Applicability and Definitions

	Section	Page
Applicability of this part	**53.0**	1
Definitions	**53.1**	1

Certification Rules

Application for certificate	**53.5**	2
Procedure for applying for a mechanic school certificate (*FAA rules which apply to sec. 53.5*)	53.5–1	2
Issuance	**53.6**	2
Duration	**53.7**	2
Duration (*FAA policies which apply to sec. 53.7*)	53.7–1	2
Exchange of certificates	**53.8**	2
Exchange of certificates (*FAA policies which apply to sec. 53.8*)	53.8–1	3
Display	**53.9**	3
Display (*FAA interpretations which apply to sec. 53.9*)	53.9–1	3
Change of location	**53.10**	3
Change of location (*FAA policies which apply to sec. 53.10*)	53.10–1	3
Inspection	**53.11**	3
Formal inspection (*FAA policies which apply to sec. 53.11*)	53.11–1	3
Informal inspection (*FAA policies which apply to sec. 53.11*)	53.11–2	3
Nontransferability of certificate	**53.12**	4
Advertising	**53.13**	4
Ratings	**53.14**	4

Certificate Requirements

Certificate requirements; general	**53.20**	4
Certificate requirements (*FAA policies which apply to sec. 53.20*)	53.20–1	4
Number of students	**53.21**	4
Number of students (*FAA interpretations which apply to sec. 53.21*)	53.21–1	4
Facilities, equipment, and materials; general	**53.22**	4
Modification of facilities, equipment, and materials	**53.23**	4
Required space facilities	**53.24**	4
Required space facilities (*FAA policies which apply to secs. 53.24 and 53.22*)	53.24–1	5
Required instructional equipment	**53.25**	5
Required instructional equipment (*FAA interpretations which apply to sec. 53.25* (b))	53.25–1	5
Required instructional equipment (*FAA policies which apply to sec. 53.25*)	53.25–2	5
Required materials, tools, and shop equipment	**53.26**	6
Required materials, tools, and shop equipment (*FAA policies which apply to secs. 53.26 and 53.22*)	53.26–1	6
Curriculum; general	**53.27**	7
Curriculum; general (*FAA policies which apply to sec. 53.27*)	53.27–1	7
Curriculum; number of hours	**53.28**	7
Airframe curriculum	**53.40**	7
Airframe curriculum (*FAA policies which apply to sec. 53.40 and 53.27*)	53.40–1	8
Powerplant curriculum	**53.41**	12
Powerplant curriculum (*FAA policies which apply to secs. 53.41 and 53.27*)	53.41–1	12
Instructors	**53.42**	14
Instructors (*FAA policies which apply to sec. 53.42*)	53.42–1	14

(Rev. 1/15/62)

Operating Rules

	Section	Page
Operating rules; general	**53.50**	14
Quality of instruction	**53.51**	14
Hours of attendance	**53.52**	14
Hours of attendance (*FAA interpretations which apply to sec. 53.52*)	53.52–1	14
Examinations	**53.53**	14
Examinations (*FAA interpretations which apply to sec. 53.53*)	53.53–1	14
Entrance examinations (*FAA policies which apply to sec. 53.53*)	53.53–2	14
Transcript of grades	**53.54**	15
Graduation certificate	**53.55**	15
Graduation certificate (*FAA policies which apply to sec. 53.55*)	53.55–1	15
Required student records	**53.56**	15
Required student records (*FAA policies which apply to sec. 53.56*)	53.56–1	15
Maintenance of facilities, equipment, and material	**53.57**	15

Appendixes

	Page
APPENDIX A—Directory of Regional Offices, Federal Aviation Agency	17
APPENDIX B—Forms	19

[Addendum

	Page
[Preambles of Amendments to Part 53]	P–1

(20) Preparation of the engine for storage; purpose of clear gas run; use of FAA forms pertaining to maintenance, repair, overhaul, etc.

(21) Cost estimates, records, parts ordering and stocking, and the general rules pertaining to the operation of an engine repair and overhaul shop.

(22) Civil Air Regulations pertaining to the operation, repair, and overhaul of engines.

(c) *Carburetion.*

(1) Theory and principles of carburetion.

(2) Types of carburetors; their construction, installation, operation, repair, maintenance, adjustment, and inspection.

(3) Induction systems, diffusers, blowers, superchargers, carburetor heaters, air mazes, etc.

(4) Carburetor troubles and corrective measures.

(5) Bench testing carburetors (float level, fuel flow, etc.).

(6) Fuel systems and their component parts.

(7) Aircraft fuel specifications and fuels to be used in aircraft operations.

(d) *Electrical systems and accessories.*

(1) Theory of basic electricity, magnetism, nomenclature, and related terms.

(2) Aircraft starters; types, principles, theory, electrical hookup, and operation (motors).

(3) Boosters; types, theory, electrical hookup, and operation.

(4) Generators; types, theory, electrical hookup, maintenance, and troubleshooting.

(5) Selection of wires or cables; sizes, soldering, terminal, and swaging.

(6) Construction and use of continuity test equipment; voltmeters, ammeters, ohmmeters, in the location of troubles in electrical units and circuits. Fuses; installation and precautions to be followed in replacement.

(7) Mockup work representing the entire aircraft electrical system and power source as related to the engine. Installation of equipment on aircraft.

(8) Complete overhaul procedure; starters, generators, and motors.

(9) Installation, adjustment of generator control boxes, boosters, etc.

(10) Spark plugs; types, theory, maintenance, installation, and troubleshooting.

(11) Battery ignition system; principles and function.

(12) Magneto ignition, high tension, low tension; theory, principles, maintenance, troubleshooting.

(13) *Ignition harnesses, plastic, supercharged, standard, shielded, unshielded;* theory, troubles, maintenance, testing.

(14) Aircraft batteries; types, capacity, theory, maintenance, charging, and installation.

(15) Use of all types of test equipment necessary to the maintenance, repair, and inspection of all the above types of equipment.

(e) *Lubrication.*

(1) Theory and purpose of lubrication.

(2) Oils and lubricants; types, grades, and properties.

(3) Lubrication systems; dry and wet sump, splash and pressure.

(4) Pumps; types, installation, location, actuation, operation, construction, maintenance, repair, and inspection.

(5) Lines, hose connections, tanks, drains, vents, filters, etc.; their installation, care, and inspection.

(6) Heating and cooling; radiators, lagging, etc. Installation, maintenance, repair, and inspection.

(7) Pressure relief valves; types, location, purpose, adjustment, maintenance, repair, and inspection. Troubleshooting, high and low pressures, engine symptoms due to lubrication problems.

(f) *Propellers.*

(1) Aircraft propeller theory.

(2) Types; wood and metal, fixed, adjustable, controllable, automatic, feathering, etc.

(3) R. p. m. and hp. ratings, limitations, and use.

(4) Propeller, including hub and blade; identification data, location, etc.

(5) Maintenance and servicing of propellers.

(6) Alterations and modifications, repairs and inspections as recommended by the propeller manufacturer and in accordance with Civil Air Regulations; the extent of repairs permissible and by whom to be made, including changes in marking.

(7) Theory of local etching and magnetic particle inspection, procedure, purpose, and

extent used. Records; where recorded and by whom.

(8) Tracking of propellers; purpose and procedure.

(9) Propeller removal and installation and proper fitting; changes in installation to reduce vibration for representative types and models of all popular propellers.

(10) Equipment, tools, and instruments necessary to properly adjust, service, and make such repairs as are permissible; the use and care of this equipment. Special emphasis is to be placed on safetying devices, such as lock rings, lock wires, cotter pins, clevis pins, safety wire, etc.

(11) Maintenance, adjustment, and operation of controllable propellers.

(12) Maintenance, adjustment, and operation of the constant speed governor.

(13) Construction, adjustment, operation, and maintenance of the hydromatic propeller.

(14) Construction, adjustment, and operation of electric propellers (theory).

(15) Operation of synchronization systems.

(16) Propeller de-icing and anti-icing systems (theory).

(17) Construction and operation of reverse thrust propellers (theory).

(18) Proper use and care of propeller maintenance, repair, and testing equipment.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953.)

53.42 *Instructors.* An applicant shall have that number of instructors holding appropriate mechanic certificates and ratings and such other qualified personnel as the Administrator determines necessary to provide adequate instruction and supervision of the students.

53.42–1 *Instructors (FAA policies which apply to sec. 53.42).* The applicant may use specialized instructors who are not certificated mechanics for giving instruction on subjects such as mathematics, physics, drawing, etc.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953.)

Operating Rules

53.50 *Operating rules; general.* All holders of mechanic school certificates with appropriate ratings shall, in the conduct of the school, comply with the operating rules set forth in [sections 53.51 through 53.57.]

[(Amendment 53–1, published in 26 F.R. 12559, Dec. 28, 1961, effective Dec. 22, 1961.)]

53.51 *Quality of instruction.* The quality of instruction shall be such that at least 80 percent of the students who apply within 60 days after graduation for mechanic certificates and ratings appropriate to the curriculum from which they were graduated will be able to qualify for such certificates and ratings.

53.52 *Hours of attendance.* No student shall be required to attend any class or classes of instruction for more than 8 hours in any day, or more than 6 days or 40 hours in any 7-day period.

53.52–1 *Hours of attendance (FAA interpretations which apply to sec. 53.52).* No student will be required to attend any class or classes of instruction more than 8 hours in any day, and in no case more than 40 hours in any 7-day period, or more than 6 days in any 7-day period. In the event a student be required to attend classes of instruction for more than 5 days of a 7-day period, the total attendance time shall not exceed the 40-hour limit.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953.)

53.53 *Examinations.* Upon completion of each subject included in any approved curriculum each student shall be given an appropriate examination.

53.53–1 *Examinations (FAA interpretations which apply to sec. 53.53).* The examinations given by the approved school are to test the students' knowledge of the subject just completed, and do not constitute the FAA examinations required by Part 24 of the Civil Air Regulation for the issuance of a mechanic certificate.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953.)

53.53–2 *Entrance examinations (FAA policies which apply to sec. 53.53).* A certificated mechanic school may apply credit toward the completion of its approved course for work an applicant has satisfactorily completed while a student at another mechanic school, accredited college, State-owned vocational or trade school, or military technical specialty school. The amount of credit to be allowed may be deter-

mined by requiring that the applicant pass an entrance examination equivalent to one given their own students at the completion of each course; phase; or by requiring that the applicant furnish a properly authenticated transcript of grades from the former school showing the curriculum in which he was enrolled, and the hours of attendance, as well as the grades for each subject. In lieu of a transcript of grades, the amount of credit to be allowed an applicant with military technical specialty training will be determined by the entrance examination. In any case, the credit given any applicant is to be shown in hours on the student record.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953; amended in 19 F. R. 674, Feb. 5, 1954, effective Feb. 5, 1954.)

53.54 *Transcript of grades.* A certificated mechanic school shall furnish a transcript of grades for each graduate and each student leaving the school prior to graduation. The transcript shall be properly authenticated by an official of the school, and it shall state the curriculum and courses in which the student was enrolled, whether the student satisfactorily completed the particular curriculum and courses, and the final grades received in each course.

53.55 *Graduation certificate.* A certificated mechanic school shall furnish each graduate a graduation certificate properly authenticated by an official of the school. Each graduation certificate shall show the date of graduation.

53.55–1 *Graduation certificate (FAA policies which apply to sec. 53.55).* The grade on the Graduation Certificate, Form ACA–391, should be an average grade, and should reflect the standard of performance of the student during the entire course and not just the grade made on the final examinations given by the school.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953.)

53.56 *Required student records.* A certificated mechanic school shall maintain a current record of each student enrolled, showing the student's attendance, courses in which enrolled, examinations, and grades. These records shall be retained by the school for at least 2 years from the date of termination of enrollment. During such period the records shall be available for inspection by an authorized representative of the Administrator or the Board.

53.56–1 *Required student records (FAA policies which apply to sec. 53.56).* (a) A certificated mechanic school should also maintain a progress chart or an individual progress record for each student, showing the practical projects or laboratory work completed, or to be completed, by the student in each phase of the approved course. The chart, or record, should be kept current so that at all times a record of the student's progress will be available.

(b) When a certificated mechanic school applies credit toward the completion of its approved course for work satisfactorily completed by a student at another mechanic school, accredited college, State-owned vocational or trade school, or military technical specialty school, the records should contain a properly authenticated transcript of grades from such school, including the curriculum in which the applicant was enrolled, listing each major instructional unit or subject, the hours of attendance, and the grades for each subject.

(Published in 18 F. R. 4281, July 23, 1953, effective Aug. 15, 1953.)

53.57 *Maintenance of facilities, equipment, and material.* The holder of a mechanic school certificate shall maintain all facilities, equipment, and material in conformity with the standards required for the original issuance of the certificate.

Form ACA-614 (7-49)

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

Form Approved, Budget Bureau No. 41-R102.

CERTIFICATE NO. | DATE

RECOMMENDATION
☐ APPROVED
☐ DISAPPROVED

(AVIATION SAFETY AGENT)

MECHANIC SCHOOL APPLICATION AND INSPECTION REPORT

(NOTE.—Application on reverse side of this form)

INSPECTION REPORT ☐ INITIAL INSPECTION ☐ ROUTINE INSPECTION

1. NAME OF SCHOOL	2. ADDRESS

3.	KIND OF COURSE	TOTAL HOURS	NUMBER WEEKS DURATION
COURSES GIVEN IN ACCORDANCE WITH CIVIL AIR REGULATIONS	A. COMBINED AIRCRAFT AND ENGINE		
	B. AIRCRAFT		
	C. ENGINE		

	YES	NO*
4. Does the present course of study meet the requirements of CAR 53 and CAM 53?		
5. Is the course of study considered up-to-date and adequate for current requirements?		
6. Is the instruction personnel competent and properly certificated?		
7. Does the school have sufficient instructional aids for all phases of training?		
8. Does the applicant operate an aircraft and/or engine-repair station?		
a. Does the school have sufficient classroom and shop areas separate from the repair station?		
b. Are students thoroughly trained in fundamentals before permitted to do practical work in repair station?		
9. Do all students have an opportunity to do practical overhaul work on live equipment before graduation?		
10. Do facilities, equipment, and records meet current minimum requirements of CAR 53 and CAM 53?		
11. Is required equipment in possession of school conveniently located for training purposes?		
12. Are necessary materials, supplies, and tools available for training and proper storage facilities provided?		
13. Are classrooms and shop space adequate for courses given?		
14. Are classrooms and shops properly equipped, heated, lighted, and ventilated?		
15. Have proper safety measures been taken to insure adequate protection of students operating dangerous equipment, including engine test stands?		
16. Are classrooms and shop areas sufficiently clean and orderly to show evidence of good housekeeping?		
17. Does the school offer full cooperation with respect to examinations, inspections, reports, and other requirements?		
**18. Do school records indicate that at least 80 percent of graduates who take CAA written and practical examinations on completion of course are successful on first attempt?		
**19. Are school's mechanic examiners maintaining satisfactory standards and records on CAA practical examinations?		

20. TOTAL NUMBER OF HOURS OF TRAINING PER DAY PER STUDENT, EXCLUSIVE OF REST AND LUNCH PERIODS	21. APPROXIMATE NUMBER OF SQUARE FEET OF SPACE USED FOR TRAINING	22. PRESENT ENROLLMENT OF SCHOOL	23. DATE CURRICULUM NOW IN USE APPROVED AND SEALED

24. GIVE YOUR ESTIMATE OF THE SCHOOL AS TO ITS GENERAL ABILITY TO SATISFACTORILY FUNCTION AS A CERTIFICATED MECHANIC SCHOOL

* Explain items checked "No" on a separate sheet. ** Items not applicable on initial inspection.

16—59890-1 (OVER) Form ACA-614 (7-49)

Note: **This form will be issued subsequently as Form FAA–614 by the Federal Aviation Agency.**

(Rev. 1/15/62)

25. REMARKS: INCLUDE ANY RECOMMENDATIONS THAT YOU MADE FOR IMPROVING THE SCHOOL. IF A LETTER WAS SENT POINTING OUT DEFICIENCIES, ATTACH A COPY. (IF ADDITIONAL SPACE IS NEEDED, CONTINUE ON SEPARATE SHEET OF PAPER.)

APPLICATION FOR MECHANIC SCHOOL CERTIFICATE AND RATING

☒ ORIGINAL APPLICATION ☐ ADDITIONAL RATINGS

1. NAME OF SCHOOL	2. ADDRESS
Myles Aircraft Mechanic School	645 Skyway Road, Kansas City, Missouri

3. RATING(S) APPLIED FOR

☒ COMBINED AIRCRAFT AND ENGINE ☒ AIRCRAFT ☒ ENGINE

	YES	NO
4. Do the present classrooms, shop space, facilities, equipment, and materials meet the requirements of Part 53 of the Civil Air Regulations?	X	
5. Are three (3) copies attached of a list of instructors giving type, number, and ratings of their certificates and subjects to be taught?	X	
6. Are four (4) copies attached of all proposed curriculums for which approval is requested?	X	
7. Are three (3) copies attached of an inventory of facilities, equipment, and materials used by the school?	X	

8. WHAT IS THE PRESENT ENROLLMENT OF THE SCHOOL?	9. WHAT IS THE CONTEMPLATED ENROLLMENT OF THE SCHOOL?
1000	1000

CERTIFICATION.—I CERTIFY THAT THE STATEMENTS MADE ABOVE, AND THE STATEMENTS MADE IN ANY ATTACHMENTS HERETO ARE CORRECT AND TRUE.

April 20, 1952	A. R. Myles	Director of Training
(DATE)	(SIGNATURE OF APPLICANT)	(TITLE)

(Rev. 1/15/62)

Addendum

Preambles of Amendments to Civil Air Regulations Part 53

NOTE

Part 53 of the Civil Air Regulations was last revised by the Civil Aeronautics Board on March 31, 1952, to become effective June 15, 1952. The preamble of the revised part and the preamble of Amendment 53–1 are given in the attached pages. The preambles of future amendments will be added to this addendum as they are issued.

Revision Part 53

Mechanic School Certificates

Adopted: March 31, 1952
Effective: June 15, 1952
Published: April 5, 1952
(17 F.R. 2985)

Currently effective Part 53 establishes certification and rating requirements for mechanic schools, provides for aircraft, aircraft engine, and combined aircraft and aircraft engine ratings and curricula, and establishes basic operating rules for the holders of mechanic school certificates. This amendment revises these regulations and establishes new requirements for the issuance of mechanic school certificates and ratings and basic operating rules for the holders thereof. Under the terms of this revision the only ratings to be issued are airframe and powerplant which correspond to the previously issued aircraft and aircraft engine ratings, respectively. The requirements for facilities, equipment, material, and personnel are stated as general standards to be met by each applicant. The type and amount of such facilities, equipment, materials, and personnel must be determined by the requirements of the particular rating sought and the maximum number of students expected to be in attendance at any particular time. Compliance with such general standards is the primary responsibility of the applicant.

No provision has been made for the certification or operation of schools for instrument, propeller, radio, or accessory mechanics since the work performed on aircraft other than airframe or powerplant (with the exception of minor repairs and alterations to propellers) is to be performed only by the certificated repair station, the manufacturer, or the appropriately certificated air carrier. It should be noted, however, that the part does not in any way purport to prohibit the establishment of specialized courses or schools for such mechanics or to prevent the graduates of such schools from obtaining employment as certificated repairmen in repair stations or with air carriers. (See revised Parts 24 and 52 adopted concurrently with this part.)

Interested persons have been afforded an opportunity to participate in the making of these regulations, and due consideration has been given to all relevant matter presented.

Amendment 53–1

Deletion of Semiannual Reporting Requirement

Adopted: Dec. 22, 1961
Effective: Dec. 22, 1961
Published: Dec. 28, 1961
(26 F.R. 12559)

Section 53.58 of the Civil Air Regulations and section 53.58–1 of the manual material contained in Part 53 presently require the holders of mechanic school certificates to submit to the Administrator a Mechanic School Report, Form FAA–392, on the first day of January and July of each year and at such other times as the Administrator may require. This report, which provides for listing the names of enrolled students and the status of enrollment in the various courses was required initially by the Federal Aviation Agency for tabulating a national listing of mechanic school activities for semiannual distribution to the Veterans Administration, certificated mechanic schools, and the general public. However, since the Agency has discontinued publication and distribution of the tabulated listing, these reports are no longer necessary. Accordingly, this amendment rescinds the requirement for the submission of these reports. Since a similar requirement is prescribed in Part 406, Regulations of the Administrator, concurrent action is being taken to rescind the semiannual reporting provisions required by section 406.16(h)(4) of that part.

Since this amendment relieves an administrative requirement and imposes no additional burden upon any person, notice and public procedure hereon are unnecessary, and it may be made effective on less than 30 days' notice.

Amendment deleted sections 53.58 and 53.58–1.
