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:

III and IV 13 through 16 21 through 23 Insert the following new pages:

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> George C. Prill, Director, Flight Standards Service.

Attachments.

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(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 **E**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-

(Rev. 1/15/62)

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.

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Form ACA-614 DEPAI	RTMENT OF	COMMERCE		ļ————	Budget Bureau No. 41-R102	<u>. </u>	
CIVIL AE	RONAUTICS A	DMINISTRATION		CERTIFICATE NO.	DATE		
	•			RECOMMENDATION			
		APPLICATION		APPROVED			
AND I	NSPECTIO	N REPORT		DISAPPROVED			
(NOTE.—Applic	ation on rev	erse side of this form)		(8)	VIATION SAFETY AGENT)		
INS	PECTION R	EPORT INITIAL I	NSPECT				
1. NAME OF SCHOOL	*********		2. ADDR				
3.		KIND OF COURSE		TOTAL HOURS	NUMBER WEEKS	DURA	TION
]			
COURSES GIVEN IN ACCORDANCE WITH	A. COMBINI	ED AIRCRAFT AND ENG	INE				
CIVIL AIR REGULATIONS	B. AIRCRAF	·-					
REGULATIONS	B. AIRCRAF	. 1					
	C. ENGINE						
				1		YES	NO*
4. Doos the present cours	a of atude ma	at the magninements of C	D 52 an	J CAM 529			-
-	•	-		d CAM 53?requirements?			
•	-	•					
-	-			ning?			
		· · · · · · · · · · · · · · · · · · ·					
a. Does the school hav	e sufficient cl	assroom and shop areas se	eparate fi	rom the repair station?			
b. Are students thorou	ghly trained i	n fundamentals before pe	rmitted t	o do practical work in rep	air station?	l	
	1.	*		live equipment before gra			
10. Do facilities, equipmen	•		-			ļ	
11. Is required equipment						<u> </u>	_
12. Are necessary material							
13. Are classrooms and she14. Are classrooms and she							-
15. Have proper safety me	asures been t	aken to insure adequate	protectio	n of students operating da	ingerous equipment,		
16. Are classrooms and she					oing?		
17. Does the school offer f							<u> </u>
**18. Do school records inc	licate that at	least 80 percent of gradu	ates who	take CAA written and pr	actical examinations		
							ļ
**19. Are school's mechanic	· · · · · · · · · · · · · · · · · · ·					1	<u> </u>
 TOTAL NUMBER OF HOURS OF T PER STUDENT, EXCLUSIVE OF F 	RAINING PER DAY REST AND LUNCH	21. APPROXIMATE NUMBER OF SQ FEET OF SPACE USED FOR TRAIL		PRESENT ENROLLMENT OF SCHOOL	23. DATE CURRICULUM NO ROVED AND SEALED	W IN US	€ AP-
PERIODS		·	ŀ				
					ļ		
24. GIVE YOUR ESTIMATE C	E THE SCHOOL	AS TO ITS GENERAL ABI	LITY TO	SATISFACTORILY FUNCTIO	N AS A CERTIFICATED	MECH	ANIC
SCHOOL	. ,,,,,,,,,,,,				•		
				•			
,							
				•			
• Explain items checked "No" o	n a separate sheet	. ** Items not applicable on in	itial inspec	tion.			
16-59890-1			/ER)		Form ACA-	614 (7-	49)

16-50890-1

5. REMARKS: INCLUDE ANY RECOMMENDATIONS THAT YOU OUT DEFICIENCIES, ATTACH A COPY. (IF ADDITIONAL SPACE)	U MADE FOR IMPROVING THE SCHOOL IT
APPLICATION FOR MECHAN	NIC SCHOOL CERTIFICATE AND RATING
I ORIGINAL APPLICATION	ADDITIONAL RATINGS
1. NAME OF SCHOOL Myles Aircraft Mechanic School	645 Skyway Road, Kansas City, Missouri
3. RATING(S) APPLIED FOR 基 COMBINED AIRCRAFT AND ENGINE	AIRCRAFT A ENGINE
4. Do the present classrooms, shop space, facilities, equip	ment, and materials meet the requirements of Part 53 of the
Civil Air Regulations?	and enhicets
to be taught?	ing type, number, and ratings of their certificates and subjects X
 Are four (4) copies attached of all proposed curriculums Are three (3) copies attached of an inventory of facilities 	tot which approvates reducescon
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 I	MADE ABOVE, AND THE STATEMENTS MADE IN ANY ATTACHMENTS HERETO
	Nyles <u>Director of Training</u>
(DATE) (SIGNATU	RE OF APPLICANT) (TITLE)

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.