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FEDERAL AVIATION AGENCY
Washington, D.C.

Civil Aeronautics Manuals—Volume III

Notice to FAA Holders of Volume III of the CAM's — December 15, 1959

SUBJECT: New Issuance System for Volume III Manuals.

The FAA has recently inaugurated an individual issuance system for the Civil Aeronautics Manuals. They will no longer be grouped in volumes. Each manual will be issued separately and will contain both the pertinent Civil Air Regulation and any related CAM material.

Civil Aeronautics Manual 18 (dated February 1957) as included in Volume III, and amended by supplements 1, 2, 4, 6, 7, 8, and 9 to Volume III, is up to date except for editorial corrections to change CAA to FAA.

In view of this fact, CAM 18 will not be reprinted at this time. However, to facilitate the breaking down of the volume issuance system of the CAM's, we are providing a new FAA cover to replace the CAA cover dated February 1957. This new cover is dated December 15, 1959, and the next change to this manual will be issued as Supplement No. 1 to CAM 18. Also, references to CAA will be changed to FAA, where appropriate, as page revisions to CAM 18 are issued.

Civil Aeronautics Manual 24, which was formerly issued by the CAA as part of Volume III, is being revised and copies will be available concurrently with the issuance of this notice. Therefore, CAM 24, dated January 1957, should be removed from Volume III and destroyed.

Remove the following pages:
- CAM 18
  - Cover dated February 1957
  - Introductory Note—page III
- CAM 24
  - Destroy CAM 24 dated January 1957

Insert the following new pages:
- CAM 18
  - Cover dated December 15, 1959
  - Introductory Note—page III

Did not receive date ordering

William B. Davis

WILLIAM B. DAVIS, *Director,*
Bureau of Flight Standards.

Attachments.

U.S. GOVERNMENT PRINTING OFFICE : 1960 O - 536788

Introductory Note

This manual contains in consolidated form (1) Civil Air Regulations Part 18, Maintenance, Repair, and Alteration of Airframes, Powerplants, Propellers, and Appliances, dated July 17, 1956, Amendments 18–1, 18–2, and Special Civil Air Regulation SR–377A; and (2) the rules, policies, and interpretations issued by the Administrator of the Federal Aviation Agency in application to the various sections of the regulations.

FAA *rules* are supplementary regulations issued pursuant to authority expressly conferred on the Administrator in the Civil Air Regulations. Such rules are mandatory and must be complied with.

FAA *policies* provide detailed technical information on recommended methods of complying with the Civil Air Regulations. Such policies are for the guidance of the public and are not mandatory in nature.

FAA *interpretations* define or explain words and phrases of the Civil Air Regulations. Such interpretations are for the guidance of the public and will be followed by the Agency in determining compliance with the regulations.

The manual is arranged to give the number, title, and text of each section of the regulations followed by any rules, policies, or interpretations applicable to that section. The rules, policies, or interpretations of the Administrator are identified by consecutive numbers appended by a dash to the regulation section number.

This manual supersedes Civil Aeronautics Manual 18 dated February 1957 and all supplements. As amendments and other pertinent material pertaining to Part 18 are issued, they will be included in this manual.

References to CAA will be changed to FAA where appropriate as page revisions to this manual are issued.

CIVIL AERONAUTICS MANUALS—Volume III

Federal Aviation Agency

Civil Aeronautics Manuals and supplements thereto are issued by the Bureau of Flight Standards, Federal Aviation Agency, for the guidance of the public and are published in the Federal Register and the Code of Federal Regulations.

Supplement No. 9 **March 1, 1959**

SUBJECT: Revisions to CAM 18 dated February 1957.

This supplement adds new sections 18.30–12 (j) and 18.30–12 (k). Section 18.30–12 (j) presents storage battery installation hazards and preventive means for known alkaline types as well as the lead-acid type.

Section 18.30–12 (k) contains basic criteria to aid field personnel in approving circuit protection device modifications. In connection with this, a circuit protector chart, table 12–3, has been incorporated in appendix B.

New and revised material is indicated by brackets.

Remove and destroy the following pages:

xv through xx
71 and 72
76–1 through 76–3

Insert the following new pages:

xv through xxi
71 and 72
76–1 through 76–4
138–1

William B. Davis

WILLIAM B. DAVIS, *Director,*
Bureau of Flight Standards.

Attachments.

CIVIL AERONAUTICS MANUALS—Volume III

U. S. Department of Commerce | Civil Aeronautics Administration

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Supplement No. 8 | December 15, 1958

SUBJECT: Revisions to Civil Aeronautics Manual 18 dated February 1957.

This supplement is issued to incorporate CAR Amendment 18–2, Required Records, in CAM 18. Amendment 18–2 was effective November 5, 1958, and amends Part 18 to bring the maintenance record requirements into accord with the widespread use of the approved system of continuous maintenance and the increased complexity of modern aircraft and their components.

New and revised material is indicated by brackets.

Remove and destroy the following pages:
v through VIII
13 through 16

Insert the following new pages:
v through VIII
13 through 16–1

Roy Keeley

ROY KEELEY,
Director, Office of Flight Operations and Airworthiness.

Attachments.

Copy to each Technical manual + to MWL
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CIVIL AERONAUTICS MANUALS—Volume III

U. S. Department of Commerce | Civil Aeronautics Administration

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Supplement No. 7 | December 1, 1958

SUBJECT: Revisions to Civil Aeronautics Manual 18 dated February 1957.

Subsection 18.30–12 (i) is amended to incorporate a method which may be used for determining maximum continuous electrical load limits on aircraft fitted with less than 2½ kw. total generator capacity.

New material is indicated by brackets.

Remove and destroy the following pages:

xv and xvi
76–1 and 76–2

Insert the following new pages:

xv and xvi
76–1 through 76–3

Roy Keeley

ROY KEELEY,
Director, Office of Flight Operations and Airworthiness.

Attachments.

CIVIL AERONAUTICS MANUALS—Volume III

U. S. Department of Commerce **Civil Aeronautics Administration**

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Supplement No. 6 **August 1, 1958**

SUBJECT: Revisions to Civil Aeronautics Manual 18 dated February 1957.

This supplement is issued to amend section 18.1–6 by adding a new preventive maintenance operation to permit the removal and installation of certain glider wings and tail surfaces by a certificated pilot.

New and revised material is indicated by brackets.

Remove and destroy the following pages:

7 and 8

Insert the following new pages:

7 through 8–1

Roy Keeley

ROY KEELEY,
Director, Office of Flight Operations and Airworthiness.

Attachments.

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CIVIL AERONAUTICS MANUALS—Volume III

U. S. Department of Commerce **Civil Aeronautics Administration**

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Supplement No. 4 **May 1, 1958**

SUBJECT: Revisions to Civil Aeronautics Manual 18 dated February 1957.

This supplement is issued to set forth revised instructions for completing Aircraft Use and Inspection Report, Form ACA-2350 (1-58).

New and revised material is indicated by brackets.

Remove and destroy the following pages:

119 through 122

Insert the following new pages:

119 through 122

Noted 5/26
MT

Roy Keeley

Attachments.

ROY KEELEY,
Director, Office of Flight Operations and Airworthiness.

CIVIL AERONAUTICS MANUALS—Volume III

U. S. Department of Commerce **Civil Aeronautics Administration**

Civil Aeronautics Manuals and supplements thereto are issued by the Office of Flight Operations and Airworthiness, Civil Aeronautics Administration, for the guidance of the public and are published in the Federal Register and the Code of Federal Regulations.

Supplement No. 1 **July 1, 1957**

SUBJECT: Revisions to CAM 18 dated February 1957.

This supplement is issued to set forth acceptable methods for installing anticollision lights and systems on aircraft for which an application for a type certificate was made prior to April 1, 1957. Also included are criteria developed to prevent generator and electrical system overloading.

CAR amendment 18–1 effective April 11, 1957, is included in this supplement.

Appropriate reference changes have been made in the titles of sections 18.1–1 through 18.1–6.

New and revised material is indicated by brackets.

Remove and destroy the following pages:

v and vi
xiii through xx
1 through 10
75 and 76

Insert the following new pages:

v and vi
xiii through xx
1 through 10
75 through 76–2

Roy Keeley

ROY KEELEY,
Director, Office of Flight Operations and Airworthiness.

Attachments.