

# CESSNA AIRCRAFT COMPANY

## MODEL 337 SERVICE MANUAL

### INTRODUCTION

#### 1. General

**WARNING: ALL INSPECTION INTERVALS, REPLACEMENT TIME LIMITS, OVERHAUL TIME LIMITS, METHODS OF INSPECTION, LIFE LIMITS, CYCLE LIMITS, ETC., RECOMMENDED BY CESSNA ARE SOLELY BASED ON THE USE OF NEW, REMANUFACTURED, OR OVERHAULED CESSNA-APPROVED PARTS. IF PARTS ARE DESIGNED, MANUFACTURED, REMANUFACTURED, OVERHAULED, AND/OR APPROVED BY ENTITIES OTHER THAN CESSNA, THEN THE DATA IN CESSNA'S MAINTENANCE/SERVICE MANUALS AND PARTS CATALOGS ARE NO LONGER APPLICABLE AND THE PURCHASER IS WARNED NOT TO RELY ON SUCH DATA FOR NON-CESSNA PARTS. ALL INSPECTION INTERVALS, REPLACEMENT TIME LIMITS, OVERHAUL TIME LIMITS, METHOD OF INSPECTION, LIFE LIMITS, CYCLE LIMITS, ETC., FOR SUCH NON-CESSNA PARTS MUST BE OBTAINED FROM THE MANUFACTURER AND/OR SELLER OF SUCH NON-CESSNA PARTS.**

- A. The information in this publication is based on data available at the time of publication and is updated, supplemented, and automatically amended by all information issued in Service Letters, Service Information Letters, Service Bulletins, Service Newsletters, Supplier Service Notices, Publication Changes, Revisions, Reissues and Temporary Revisions. Users are urged to keep abreast of the latest amendments to this publication through information available at Cessna Authorized Service Stations or through the Cessna Propeller Aircraft Product Support subscription services. Cessna Service Stations also have been supplied with a group of supplier publications which provide disassembly, overhaul, and parts breakdowns for some of the various supplier equipment items. Supplier's publications are updated, supplemented, and specifically amended by supplier-issued revisions and service information which may be reissued by Cessna. Supplier publications reissued by Cessna automatically amend this publication and are communicated to the field through Cessna's Authorized Service Stations and/or through Cessna's subscription services.
- B. Inspection, maintenance, and parts requirements for STC installations are not included in this manual. When an STC installation is incorporated on the airplane, those portions of the airplane affected by the installation must be inspected in accordance with the inspection program published by the owner of the STC. STC installations can change systems interface, operating characteristics and component loads or stresses on adjacent structures of the airplane. Cessna provided inspection criteria may not be valid for airplanes with STC installations.
- C. REVISIONS, REISSUES and TEMPORARY REVISIONS can be purchased from a Cessna Service Station or directly from Cessna Aircraft Company at the following address:
- Cessna Aircraft Company  
Department 751C  
P.O. Box 7706  
Wichita, Kansas 67277-7706
- D. Information in this Service Manual is applicable to all U.S. and Foreign Certified 337 Model series airplanes within the following range of serial numbers; 337-0001 thru 33701550 and F33700001 thru F33700063. Information unique to a particular country is identified in the chapter(s) affected.
- E. All supplemental service information concerning this manual is supplied to all appropriate Cessna Service Stations so that they have the latest authoritative recommendations for servicing these Cessna airplanes. Therefore, it is recommended that Cessna owners utilize the knowledge and experience of the Cessna Service Organization.

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2. Cross-Reference Listing of Popular Name Versus Model Numbers and Serials.

- A. All airplanes, regardless of manufacturer, are certified under model number designations. However, popular names are often used for marketing purposes. To provide a consistent method of referring to these airplanes, the model number will be used in this publication unless the popular name is necessary to differentiate between versions of the same basic model. The table on page ii provides a listing of popular names, model number, and serial numbers.
- B. The Cessna Super Skymaster Series (1965 thru 1973) Service Manual has been prepared to assist maintenance personnel in servicing and maintaining Model 337 series airplanes. This manual provides the necessary information required to enable the mechanic to service, inspect, troubleshoot, remove, and replace components or repair systems.

**NOTE:** This manual is not intended to cover model 337 series airplanes produced after 1973. For manuals related to these airplanes, please refer to applicable listings in the Cessna Propeller Aircraft Customer Care Supplies and Publications Catalog.

- C. Technical Publications are also available for the various components and systems that are not covered in this manual. These manuals must be utilized as required for maintenance of those components and systems, and can be purchased from the manufacturer.

4. Temporary Revisions.

- A. Additional information, which becomes available, can be provided by temporary revision. This service is used to provide, without delay, new information, which will assist in maintaining safe flight/ground operations. Temporary revisions are numbered consecutively. Temporary revisions are normally incorporated into the maintenance manual at the next revision.

5. Serialization

- A. All airplanes are issued a serial number. This number is assigned as airplane construction begins and remains with the airplane throughout its service life. This serial number appears on the airplane data plate. Airplane serial numbers are used to identify changes within the text or within an illustration. The absence of a serial number in text or illustration indicates the material is applicable to all airplanes.

6. Revision Filing Instructions

A. Regular Revision

- (1) Pages to be removed or inserted in the maintenance manual are determined by the effectivity page (page A located at the front of this manual). Pages are listed in sequence by the two-element number. The first number(s), which represent the manual section number, are followed by a dash and then the page number for that section. When two pages display the same two-element number, the page with the most recent Date of Page Issue must be inserted in the service manual. The date column on the effectivity page must verify the active page.

B. Temporary Revision

- (1) File temporary revisions in the applicable section in accordance with filing instructions appearing on the first page of the temporary revision.
- (2) The rescission of a temporary revision is accomplished by incorporation into the maintenance manual or by a superseding temporary revision.

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7. IDENTIFYING REVISED MATERIAL.

- A. Additions or revisions to text in an existing section will be identified by a revision bar in the outside margin of the page and adjacent to the change.
- B. When technical changes cause unchanged text to appear on a different page(s), a revision bar will be placed in the outside margin adjacent to the page number, providing no other revision bar appears on the page. These pages will display the current revision date in the inside margin opposite of the page number.
- C. When extensive technical changes are made to text in an existing section that requires extensive revision, revision bars will appear the full length of text.
- D. Revised and new illustrations. either a revision bar along the side of the page or a hand indicator directing attention to the area will indicate new or revised information.
- E. Changes to wiring diagrams are indicated by shaded areas.

8. Warnings, Cautions and Notes

- A. Throughout the text in this manual, warnings, cautions and notes pertaining to the procedures being accomplished are utilized. These adjuncts to the text are used to highlight or emphasize important points. Warnings and Cautions precede the text they pertain to, and Notes follow the text they pertain to.

**WARNING:**   **Calls attention to use of materials, processes, methods, procedures, or limits which must be followed precisely to avoid injury or death to personnel.**

**CAUTION:**   Calls attention to methods and procedures which must be followed to avoid damage to the airplane or equipment.

**NOTE:**       Calls attention to methods that will make the job easier.

9. Propeller Aircraft Customer Care Supplies and Publications Catalog

- A. A Cessna Propeller Aircraft Customer Care Supplies and Publications Catalog is available from a Cessna Service Station or directly from Cessna Aircraft Company. The address is:

Cessna Aircraft Company  
Department 751C  
P.O. Box 7706  
Wichita, Kansas 67277-7706

This catalog lists all publications and Customer Care Supplies available from Cessna for prior year models as well as new products. To maintain this catalog in a current status, it is revised yearly and issued in paper and aerofiche form.

10. Customer Comments on Manuals

- A. Cessna Aircraft Company has endeavored to furnish you with an accurate, useful and up-to-date manual. This manual can be improved with your help. Please use the return card that is provided with your manual to report any errors, discrepancies, and omissions in this manual as well as any general comments you wish to make.

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