

TEMPORARY REVISION NUMBER 7

DATE April 01 2012

MANUAL TITLE Model 150 Series 1969 Thru 1976 Service Manual

MANUAL NUMBER - PAPER COPY D971-3-13

TEMPORARY REVISION NUMBER D971-3TR7

MANUAL DATE 1 July 1972 **REVISION NUMBER** 3 **DATE** 15 June 1975

This Temporary Revision consists of the following pages, which affect and replace existing pages in the paper copy manual and supersede microfiche information.

SECTION	PAGE	ACTION
2	27	Revised
2	27A	Revised
2	29	Revised

REASON FOR TEMPORARY REVISION

1. To revise the replacement time limits for the landing light switch.
2. To revise the replacement time limits for the landing and taxi light switch.
3. To add the replacement time limits for the beacon light switch.

FILING INSTRUCTIONS FOR THIS TEMPORARY REVISION

1. For Paper Publications, file this cover sheet behind the publication's title page to identify the inclusion of the Temporary Revision into the manual. Insert the new pages into the publication at the appropriate locations and remove and discard the superseded pages.
2. For CD publications, mark the temporary revision part number on the CD label with permanent red marker. This will be a visual identifier that the temporary revision must be referenced when the content of the CD is being used. Temporary revisions should be collected and maintained in a notebook or binder near the CD library for quick reference.

EXPORT COMPLIANCE

1. This publication contains technical data and is subject to U.S. export regulations. This information has been exported from the United States in accordance with export administration regulations. Diversion contrary to U.S. law is prohibited.

ECCN: 9E991

(THIS PAGE INTENTIONALLY LEFT BLANK)

COMPONENT	REPLACEMENT TIME	OVERHAUL
Vacuum System Filter	500 hours	NO
Vacuum System Hoses	10 years	NO
Pitot and Static System Hoses	10 years	NO
Vacuum Relief/Regulator Valve Filter (If Installed)	500 hours	NO
Engine Compartment Flexible Fluid Carrying Teflon Hoses (Cessna- Installed) Except Drain Hoses (Drain hoses are replaced on condition)	10 years or engine overhaul, whichever occurs first (Note 1)	NO
Engine Compartment Flexible Fluid Carrying Rubber Hoses (Cessna- Installed) Except Drain Hoses (Drain hoses are replaced on condition)	5 years or engine overhaul, whichever occurs first (Note 1)	NO
Engine Air Filter	500 hours or 36 months, whichever occurs first (Note 9)	NO
Engine Mixture, Throttle, and Propeller Controls	At engine TBO	NO
Engine Driven Dry Vacuum Pump Drive Coupling (Not lubricated with engine oil)	6 years or at vacuum pump replacement, whichever occurs first	NO
Engine Driven Dry Vacuum Pump (Not lubricated with engine oil)	500 hours (Note 10)	NO
Standby Dry Vacuum Pump	500 hours or 10 years, whichever occurs first (Note 10)	NO
Switch (Landing Light), Aircraft serials: 15072004 thru 15074850 F15000659 thru F15001013 A1500227 thru A1500429 FA1500082 thru FA1500211 Landing and Taxi Light Switch, Aircraft serials: 15071129 thru 15072003 F150000530 thru 15000658 A1500001 thru A1500226 FA1500001 thru FA1500081	4 years (Note 11)	NO

COMPONENT	REPLACEMENT TIME	OVERHAUL
Switch (Landing Light), Landing and Taxi Light Switch, Aircraft serials: 15074851 thru 15078505 F15001014 thru F15001338 A1500430 thru A1500684 FA1500212 thru FA1500311	4 years (Note 12)	NO
Switch (Beacon light)	4 years (Note 13)	NO

3. Supplier-Established Replacement Time Limits

A. The following component time limits have been established by specific suppliers and are reproduced as follows:

Table 2: Supplier-Established Replacement Time Limits

COMPONENT	REPLACEMENT TIME	OVERHAUL
ELT Battery	Note 3	NO
Vacuum Manifold	Note 4	NO
Magnetos	Note 5	YES
Engine	Note 6	YES

(THIS PAGE INTENTIONALLY LEFT BLANK)

COMPONENT	REPLACEMENT TIME	OVERHAUL
Engine Flexible Hoses (TCM Installed)	Note 2	NO
Auxiliary Electric Fuel Pump	Note 7	YES
Propeller	Note 8	YES

NOTES:

Note 1: This life limit is not intended to allow flexible fluid-carrying Teflon or rubber hoses in a deteriorated or damaged condition to remain in service. Replace engine compartment flexible Teflon (AE3663819BXXXX series hose) fluid-carrying hoses (Cessna-installed only) every ten years or at engine overhaul, whichever occurs first. Replace engine compartment flexible rubber fluid-carrying hoses (Cessna-installed only) every five years or at engine overhaul, whichever occurs first (this does not include drain hoses). Hoses which are beyond these limits and are in a serviceable condition, must be placed on order immediately and then be replaced within 120 days after receiving the new hose from Cessna.

Note 2: For TCM engines, refer to Teledyne Continental Service Bulletin SB97-6, or latest revision.

Note 3: Refer to FAR 91.207 for battery replacement time limits.

Note 4: Refer to Airborne Air & Fuel Product Reference Memo No. 39, or latest revision, for replacement time limits.

Note 5: For airplanes equipped with Slick magnetos, refer to Slick Service Bulletin SB2-80C, or latest revision, for time limits.

For airplanes equipped with TCM/Bendix magnetos, refer to Teledyne Continental Motors Service Bulletin No. 643, or latest revision, for time limits.

Note 6: Refer to Teledyne Continental Service Information Letter SIL98-9, or latest revision, for time limits.

Note 7: Refer to Cessna Service Bulletin SEB94-7 Revision 1/Dukes Inc. Service Bulletin NO. 0003, or latest revision.

Note 8: Refer to the applicable McCauley Service Bulletins and Overhaul Manual for replacement and overhaul information.

Note 9: The air filter may be cleaned, refer to Section 2 of this service manual for servicing instructions. For airplanes equipped with an air filter manufactured by Donaldson, refer to Donaldson Aircraft Filters Service Instructions P46-9075 for detailed servicing instructions.

The address for Donaldson Aircraft Filters is:

Customer Service
115 E. Steels Corners RD
Stow, OH. 44224

Do not overservice the air filter, overservicing increases the risk of damage to the air filter from excessive handling. A damaged/worn air filter may expose the engine to unfiltered air and result in damage/excessive wear to the engine.

Note 10: Replace engine driven dry vacuum pump not equipped with a wear indicator every 500 hours of operation, or replace according to the vacuum pump manufacturer's recommended inspection and replacement interval, whichever occurs first.

Replace standby vacuum pump not equipped with a wear indicator every 500 hours of operation or 10 years, whichever occurs first, or replace according to the vacuum pump manufacturer's recommended inspection and replacement interval, whichever occurs first.

For a vacuum pump equipped with a wear indicator, replace pump according to the vacuum pump manufacturer's recommended inspection and replacement intervals.

- Note 11: During next annual inspection and every four years thereafter, replace the Switch (Landing Light) with part number TA201TW-B or the Landing and Taxi Light Switch with part number TTGC-TA201TW-B, as applicable.
- Note 12: During next annual inspection and every four years thereafter, replace the Switch (Landing Light) with part number C906-5 or the Landing and Taxi Light Switch with part number TTGC-TA201TW-B, as applicable.
- Note 13: During next annual inspection and every four years thereafter, replace the Switch (Beacon Light) with part number TA201TW-B.

(THIS PAGE INTENTIONALLY LEFT BLANK)