



FAA *Chase*
Date: JUN 10 2011

Service Letter No. 68

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Date: 6/6/11

SUBJECT: Control Cables

AIRPLANES AFFECTED: All Maule Models

STATUS: This Service Letter should be considered a caution of a potential safety problem.

BACKGROUND: Maule has received some reports of frayed control cables. A visual inspection of the control cables is required at 100 hour intervals as specified in the aircraft Maintenance Manual which is to make certain that cables are in good condition at all fairleads, bellcranks and where they exit the wing skin, fuselage fabric and the flex housing at the rudder. A few years ago, we replaced plated carbon steel cables with corrosion resistant steel (SS) cables in all our aircraft production unless otherwise requested by customer. Several Maule landplanes and floatplanes operate in and near saltwater which requires the extra protection of SS cables against corrosion. Cable frays are rare, however, if owner prefers a more durable cable system when replacements are necessary, we recommend changing to plated carbon steel control cables unless aircraft is operating in a corrosive environment.

CAUTION: It was reported that the front floorboards were not removed at one or more inspections for one airplane and a frayed cable was discovered on a recent inspection in that area.

CAUTION: A frayed control cable was reported in an M-5 at the flap bellcrank at the wing root and longer shackles p/n 3276-1 were installed and corrected the problem. This caution and fix only applicable for the M-4 and M-5 models, if needed.

COMPLIANCE: It is recommended that the 100 hour inspection is to be completed before further flight if this inspection was not completed at the appropriate time. The 100 hour inspection is to be per the Aircraft Maintenance Manual and per the Aircraft Maintenance Manual Supplement that is included with this Service Letter. This includes a safety check of all control cables.

ACTION TO BE TAKEN:

1. Complete the 100 hour Inspection, if needed, at this time as laid out in Compliance Block above. If the 100 hours was done at the appropriate time, ascertain that all floorboards were removed and cables inspected beneath.
2. Cutout the Maintenance Manual Supplement that is printed at the bottom of this page and attach it to the Airplane Inspection Section under **100 Hours Total Time, B. AIRCRAFT** of the Maintenance Manual in any available space.
3. Record compliance with this service letter and method of compliance in aircraft logbook.

3a. Remove front seats and front and center floorboards.		
4a. Inspect all control cables, pulleys, fairings and electrical connections and wires for security and chafing.		



Service Letter No. 68

COMPLIANCE RECORD SHEET

June 6, 2011
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Aircraft Model _____ Aircraft Serial No. _____ Aircraft "N" No. _____

Action taken *(Please check whatever applies):*

- Inspection of cables per Service Letter #68 was performed and all were found in good condition. Maintenance Manual Supplement has been attached to Aircraft Inspection Section.
- The 100 hour Inspection of all control cables was performed at the due time and all were found to be in good condition. Maintenance Manual Supplement has been attached to Aircraft Inspection Section of manual.
- Inspection of cables per Service Letter #68 was performed and the following cables were found worn or frayed:

Describe: _____
- New cable(s) are ordered for installation. Maintenance Manual Supplement has been attached to Aircraft Inspection Section.
- A frayed control cable was found in an M-4/M-5 at the flap bellcrank at the wing root and longer shackles p/n 3276-1 were installed. New cables were also installed.

Owner's Name _____

Owner's Address _____

City _____ State _____ Zip _____

Certified by _____ Title _____
Signature Owner, A & P. IA. Etc.

Date performed _____

If you no longer own this airplane, please fill in new owner's information and return to factory address below:

New Owner's Name _____

New Owner's Address _____

City _____ State _____ Zip _____

If owner's email address has changed, please enter it here: _____

Please mail this Compliance Record to: Maule Air, Inc.~Engineering Records~2099 Georgia Highway 133 South~Moultrie, GA 31788 USA
or Fax to: 229-890-2402

Visit our website: www.mauleairinc.com