

MANDATORY

Service Bulletin No. 35

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Date: 10/22/19

SUBJECT: Upper aileron cable interference with rub block and wing skin where the cable exits the wing skin.

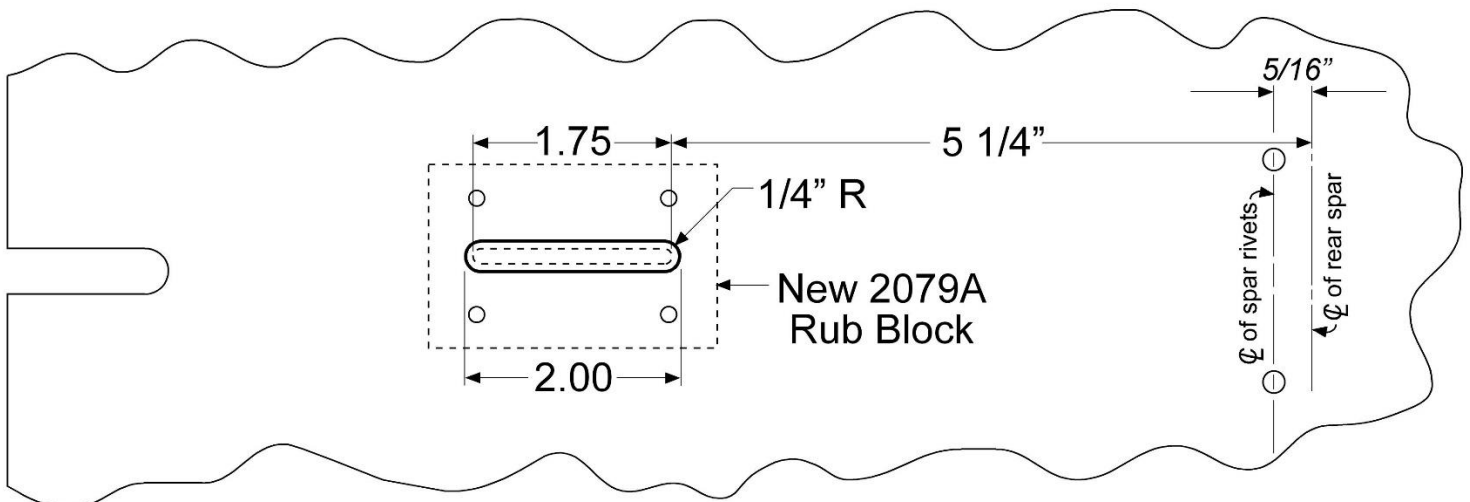
AIRPLANES AFFECTED: All Maule airplanes.

STATUS: This Service Bulletin is mandatory.

BACKGROUND: Recently during an FAA product audit on a completed aircraft, it was discovered that the aileron cable where it exits the top wing skin had no clearance on the rub block and wing skin at full deflection. Inspection of other aircraft that were available for inspection revealed minimal clearance on these other aircraft. Maule has received no field reports of this issue but feel that in the interest of safety it should be addressed on all Maule aircraft.

COMPLIANCE: Compliance with the inspection portion of this Service Bulletin is recommended before further flight.

ACTION TO BE TAKEN: Before further flight inspect aileron cables at full deflection where they exit the top wing skin for any interference and/or cable wear. If sufficient clearance exists and there is no sign of cable wear or fraying, no further action is necessary. If interference is found but there is no cable wear or fraying this will require the rub block replacement portion of this action only. If interference is found and there are signs of wear or fraying of the aileron cable, this will require aileron cable and rub block replacement. There is a new aileron cable rub block available (P/N 2079A) with a $\frac{1}{2}$ " longer opening. This will require routing or filing the wing skin slot $\frac{1}{2}$ " ($\frac{1}{4}$ " at both ends) in accordance with the illustration #1 shown below.





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COMPLIANCE RECORD SHEET

Aircraft Model _____

Aircraft Serial No. _____

Action taken (PLEASE CHECK if applicable):

- () Complied with Maule Service Bulletin No. 35 (Aileron cable clearance was satisfactory).
- () Complied with Maule Service Bulletin No. 35 (Aileron cable clearance was unsatisfactory and required modification to opening).
- () Complied with Maule Service Bulletin No. 35 (Aileron cable clearance was unsatisfactory and required modification to opening and replacement of aileron cable).

Owner's Name _____

Owner's email Address _____

City _____ State _____ Zip _____

Certified by _____ Title _____

Signature _____ Owner, A & P. IA. Etc.

Date performed _____

NOTE: We have gone electronic. You will be alerted of any FAA Approved and mandated updates to Maule Manuals and any newly generated or revised Service Letters or Bulletins when they become available to download from our website www.mauleairinc.com. Please **include your email address above**, or email address (optional: name and address), Aircraft Serial Number and Model Number to OwnerAlert@mauleairinc.com.

Please mail this completed Compliance Record Sheet to:
Maule Aerospace Technology Inc./Engineering Records/2099 Georgia Highway 133 South/
Moultrie, GA 31788 USA

Or email to: OwnerAlert@mauleairinc.com.

Or Fax to: 1-229-890-2402

Visit our website: www.mauleairinc.com