

Maule Aircraft Corporation

SPENCE AIR BASE :: MOULTRIE, GEORGIA 31768 :: PHONE 912/985-2045



9 March 1984
Page 1 of 1
Rev. A dated 9/26/86

SERVICE LETTER #60

SUBJECT: New Alternator Control System.

AIRPLANES AFFECTED: Maule Model M-5-180C, Ser. No.'s 8001C thru 8014C, 8016C thru 8019C and 8021C.

COMPLIANCE: Optional.

STATUS: To provide a replacement Alternator Control System.

AUTHORITY: This Service Letter is FAA approved.

BACKGROUND: Voltage Regulators and Overvoltage Relays are no longer available for replacement in electrical system. New Alternator Control System replaces these items.

ACTION TO BE TAKEN AND MATERIAL REQUIRED:

(1) Attach AFM Supplement No. 3 to FAA Approved M-5-180C Airplane Flight Manual dated 19 April 1979.

(2) Installation Instructions:

(a) Install the following per drawing 7127B:

1 ea.	B-00371-8	Alternator Control (Lamar)
1 ea.	5424B-1	Alternator Control Mount
2 ea.	AN526-10-R8	Screw
2 ea.	AN365-1032	Nut
2 ea.	AN526-10-R10	Screw
2 ea.	AN970-3	Washer

(b) Install the following per drawing 7128B:

1 ea.	A-00258-1	Alternator Inop. Switch
2 ea.	AN365-632	Nut
2 ea.	AN526-6-6	Screw
1 ea.	1-380643-2	Alternator Out Indicator Light
1 ea.	7130A	Plate, Alternator Out Ind. Light
1 ea.	6074F-51	"ALTERNATOR OFF WARNING" Placard

(c) Install the following, if required, per drawing 7129A:

1 ea.	P186817	Regulator Filter (<u>See Note</u>)
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NOTE: Reg. Filter P186817 has been incorporated into Alt. Control enclosed and is not req'd for this inst. However, Filter may be needed if using older Alt. Control that is too sensitive upon inst. Filter may then be required or Alt. Control reworked.

(d) Install the following per drawings 7047F, Sht 1 and 7047E, Sht 2:

1 set	Wiring for Alternator Control System (DCN M4026A)
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When modification is completed, make proper log entries, fill out Service Letter #60 Compliance Record Sheet and return it to Engineering Records at Maule Aircraft Corporation.

MAULE AEROSPACE TECHNOLOGY, INC.

SERVICE LETTER #60 - COMPLIANCE RECORD

Airplane Serial Number _____

Airplane Registration Number _____

The following action was taken with respect to this service letter:

Service letter #60 completed

Certified by _____

(Signature)

(Printed Name)

Title _____

(Owner, A&P), IA, etc.)

In an effort to keep our mailing list current for sending Service Letters, Service Bulletins, etc., please fill in the following:

Owner's name _____

Owner's address _____

Mail this Compliance Record to: Maule Aerospace Technology, Inc.
Engineering Records
2099 GA Hwy. 133 S.
Moultrie, GA 31788