

# Maule Aircraft Corporation

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



July 11, 1969

**SERVICE LETTER #16**

**MODELS AFFECTED:** All Aircraft of -220 series with Alternator #5106.

**Dear Sir:**

Please inspect aircraft for proper Alternator number. This service letter does not apply to aircraft equipped with Alternator #5105.

We have made an improvement in the electrical system for our Alternator on the M-4-220 Franklin model. We have added a switch to cut out the Alternator in case of a short in the Alternator or wiring system.

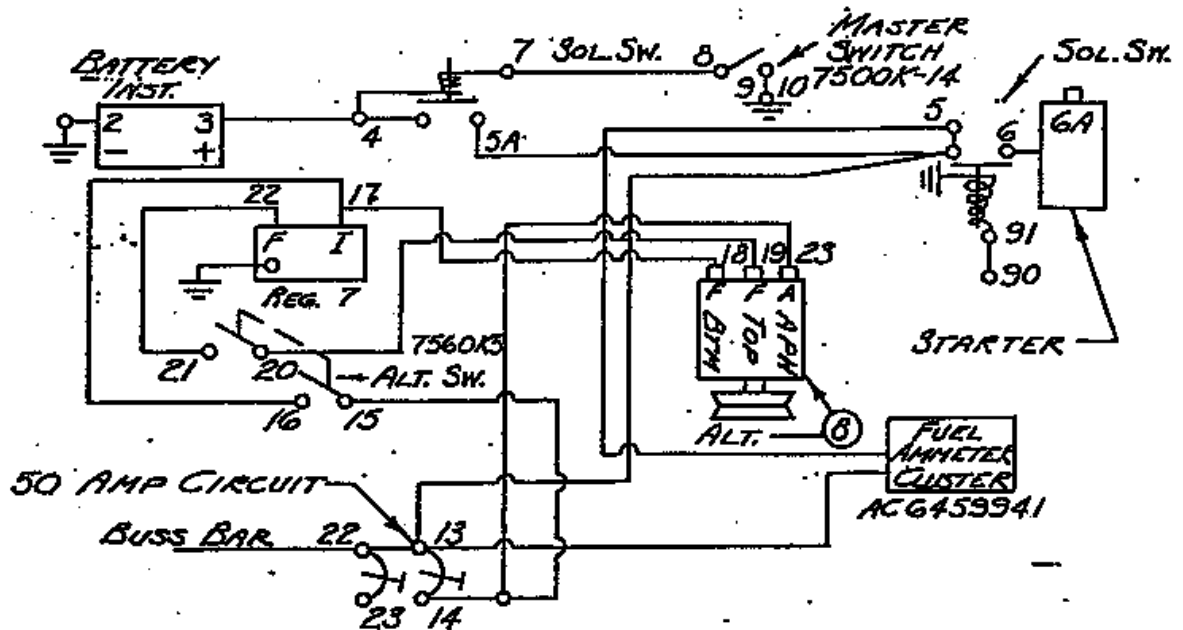
The kit and prints for accomplishing the above will be supplied by us at our cost of \$5.00. This is a mandatory change and should be done within the next 30 days. A card will be enclosed with the kit. Please fill out and return this card as soon as you have completed the work.

**BILL OF MATERIAL:**

- 1 ea. Alternator switch #7560-K5
- 1 ea. Wire 21-22.31" 20 gauge
- 1 ea. Wire 19-20 56" 20 gauge
- 1 ea. Placard

Sincerely yours,  
**MAULE AIRCRAFT CORPORATION**

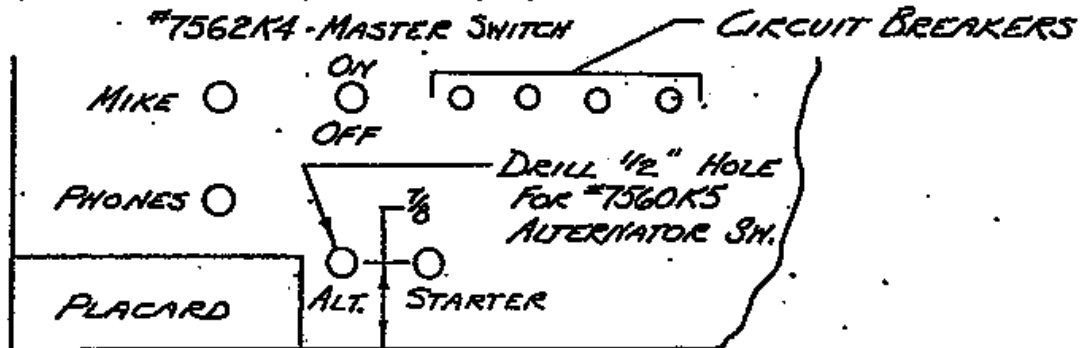
**B. D. Maule**  
President



ADD PLACARD TO READ:

DO NOT TURN OFF ALTERNATOR IN FLIGHT EXCEPT IN CASE OF EMERGENCY.

PLACARD TO BE ADDED TO LOWER LEFT SWITCH PANEL TO LEFT OF THE ALTERNATOR SWITCH.



ADD ALTERNATOR SWITCH AND RELOCATE STARTER SWITCH AS SHOWN ABOVE.  
 ROUTE WIRE 21-22 AND WIRE 19-20 WITH EXISTING WIRE AND TIE OFF TO PREVENT CHAFFING.  
 PLACARD LETTERS TO BE 1/8" HIGH AND WHITE IN COLOR.  
 REMOVE PAPER BACKING AND PRESS ON PANEL.

HAULE AIRCRAFT CORPORATION  
SERVICE LETTER #16 - COMPLIANCE RECORD

Airplane Serial Number \_\_\_\_\_

Airplane Registration Number \_\_\_\_\_

The following action was taken with respect to this Service Letter:

Service Letter #16 completed

Certified by \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed name)

Title \_\_\_\_\_  
(Owner, A&P, IA, etc.)

Date performed: \_\_\_\_\_

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: Haule Aircraft Corporation  
Engineering Records  
Spence Field  
Moultrie, GA 31768