

MAULE AEROSPACE TECHNOLOGY, INC.

LAKE MAULE -- RT. 5, BOX 318 -- MOULTRIE, GA. 31768 -- PHONE (912) 985-2045 -- TELEX 804613 MAULE MOUL

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Rev. 4/17/91

SERVICE BULLETIN NO. 8

SUBJECT: Panel Light Dimmer Controls.

AIRCRAFT AFFECTED: Maule Model **M-7-420:** s/n 12001C and 12002C
Maule Model **MX-7-420:** s/n 13001C, 13002C, and 13003C

COMPLIANCE: Prior to further night flight. Return accompanying compliance record to Maule Air, Inc. when work is completed.

STATUS: Mandatory

AUTHORITY: This service bulletin is FAA approved.

BACKGROUND: A Maule M-7-420 recently experienced failure of the instrument light dimmer due to electrical overload. This resulted in the inability to dim the lights, and the pilot could only select "off" or full "bright". (A prior change was made from two (2) dimmer controls to one (1) control for improved management of lights.) This bulletin requires the return to two controls (25 watt instead of 12½ watt) in order to properly manage the load and to handle it adequately. Basically, the flight instrument lights will be placed on one control and the radio and fuel gage lights will be placed on the other control.

ACTION TO BE TAKEN: Divide panel lighting into two circuits and replace existing 12½ watt controls with 25 watt controls per accompanying drawing.

AVAILABILITY OF PARTS: The following parts required to perform this service bulletin will be provided by Maule Air, Inc.:

<u>Quan.</u>	<u>Part No.</u>	<u>Item</u>
2	7176B	Control, Dimmer
2	7177B	Heat Sink
2	7178B	Gasket
Drawing	7179B, rev. A	Control, Dimmer Installation
2	RSF 250	Wire Terminal
6 ft.	-	Hookup Wire, 20 ga.

FAA APPROVAL Stephen E. Flanagan ACE-120A

DATE 5/30/91

IT'S PERFORMANCE THAT COUNTS!

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COMPLIANCE RECORD

SERVICE BULLETIN NO. 8

Aircraft Model _____

Aircraft Serial No. _____

Aircraft Registration No. _____

Action taken (check one):

Dimmer controls installed per Service Bulletin No. 8.

I no longer own this aircraft. It has been sold to:

Name _____

Address _____

City, State, Zip _____

Country _____

Certified by _____
Signature

Title _____
Owner, A & P, IA, etc.

Date performed _____

Mail this Compliance Record to:

Maule Aerospace Technology, inc.
Engineering Records
R# 5 Box 318
Moultrie, GA 31768

IT'S PERFORMANCE THAT COUNTS!

