

SIM20-74  
DATE: 11-1-85

**SUBJECT: MOONEY AIRCRAFT ANNUNCIATOR PANEL, (I.A.I.),  
REPLACEMENT OF RESISTOR VALUES FOR PRINTED CIRCUIT BOARDS TO ALLOW "PRESS TO TEST"  
FUNCTIONS TO WORK PROPERLY.**

**MODELS/S/N AFFECTED: Mooney Aircraft Models**  
M20J S/N 24-0378 through 24-0900  
M20K S/N 25-0001 through 25-0246

**TIME OF COMPLIANCE: At owner's discretion.**

**INTRODUCTION: Due to component aging in the annunciator panel, some aircraft may experience failure of the "Low Fuel" warning lights. The most noticeable indication will be the inability to obtain "Low Fuel" lights from one or both warning lights when the Press-to-Test switch is depressed.**

**INSTRUCTIONS: When indications show the Press-to-Test function of the Low Fuel warning lights is inoperable, the following modification to the annunciator circuit board assembly should be made to correct the malfunction.**

Resistors R10 and R11 were originally 100K value resistors. I.A.I. recommends changing to 47K value resistors. See Figure 1 for circuit board location and a partial schematic for functional operation as reference.

This replacement (if needed) is not covered by Mooney warranty policy.

**REFERENCE DATA: N.A.**

**PARTS LIST: Kit P/N S120-074-01**

P/N  
1) 168 S0001-473

Description  
Resistor 5% (47K )  
International Avionics,  
Inc. (I.A.I.)

Qty.  
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**FIGURES/TABLES: See Figure 1**

