MOONEY AIRCRAFT INC.
SERVICE LETTER 20-47
(This service letter is F.A.A. approved)

Date: 6-26-59

Subject: Kit - Correction, Instrument Lights Wiring

Models Affected: Serial No. 1375 thru 1444 and the following Serial Nos. which have been modified in accordance with Mooney Service Letter 20-42. Ser. No. 1053, 1101, 1298, 1322, 1326, 1346

Time of Compliance: As soon as possible

Parts List:

1.	Klixon PSM-5N Circuit Breaker	1
2.	AN3021-2 Switch	1
3.	Jumper Wire (#18 x 33 inches with two AN 659-2)	1
4.	Decal (Instrument Lights)	2

Enclosure: Compliance Card

Reason: On the airplanes noted above, the Instrument Lights circuit is wired with the Navigation Lights Circuit in error. F.A.A. Regulation (CAR 3.700 (d) states, "The two forward position lights and the rear position light shall constitute a single circuit." It is therefore mandatory that the following revision be accomplished as soon as possible.

Instructions:

1. Install switch in the hole just to the left of the pilots control column. If this hole is occupied, install switch in one of the existing holes above the throttle or prop governor; or in other convenient location.

Add decal "Instrument Lights".

Remove word "Instrument" under the Navigation Light switch.

2. Install the curcuit breaker in it's previous location (second or third hole from right end) on the right hand side of the panel.

Add decal "Instrument Lights".

Remove word "Instrument" under Navigation Light Circuit Breaker.

3. Disconnect Instrument light wire from navigation light switch, and connect to the instrument light switch.

4. Connect jumper wire (item 3, parts list) to the instrument light switch and the instrument light circuit breaker. Run this wire with existing bundle of wires and tape in place with electrical plastic tape.

IMPORTANT

Please fill out and return the enclosed compliance card upon completion of this work. Mooney Aircraft must have this card for F.A.A. and Company records.