

MOONEY AIRCRAFT, INC.

SERVICE LETTER 20-61

(This Service Letter is FAA Approved)

DATE: NOVEMBER 17, 1959

SUBJECT: CLEARANCE BETWEEN STARTER SWITCH AND CLARKSON FLIGHT CONTROL UNIT

MODELS AFFECTED: M-20A SERIAL NOS. 1302, 1375, 1387, 1391, 1393, 1414, 1436, 1446, 1465, 1468, 1469, 1475, 1477, 1490, 1499, 1515 AND ANY OTHER M20 AND M20A AIRPLANES WITH CLARKSON FLIGHT CONTROL INSTALLED.

TIME OF COMPLIANCE: AS SOON AS POSSIBLE

INTRODUCTION

Factory inspection of several installations of Clarkson Flight Control Model 3-M (installed in accordance with S.T.C. SA4-607) in M-20A aircraft has revealed improper clearance between the case of the Auto Pilot control unit and the electrical terminals of the starter switch in the cockpit.

It is possible for the starter switch to be shorted by the auto pilot control unit case thus possibly causing a fire or damage to the engine starter. It is therefore necessary that the starter switch be repositioned as outlined in the following instructions:

1. Inspect the starter switch. If the electrical terminals are on the bottom of the switch, no further action is necessary. If terminals are on top, proceed as stated in Items 2 through 5.
2. Remove the knurled nut from the starter switch and remove the switch from the instrument panel.
3. Remove the two wires from the switch terminals.
4. Reinstall the switch in the instrument panel with the terminals on the bottom and tighten knurled nut.
5. Reinstall wires on terminals (either wire to either terminal).