MOONEY AIRCRAFT INC.  
KERRVILLE, TEXAS  
SERVICE LETTER 20-44  

DATE: February 11, 1959  
SUBJECT: Inspection Rudder, Elevator and Aileron Hinges  
MODELS AFFECTED: M-20 and M-20A, Serial No. 1002 thru 1364.  
TIME OF COMPLIANCE: Immediately.  

INTRODUCTION:  
Due to the failure of a rudder Hinge Bearing Bracket (p/n 4003) on a M20A, it is necessary that the following inspection be accomplished immediately.  

INSTRUCTIONS: (See Sketch).  
(1) Remove paint and carefully inspect under glass the welds (shown in sketch) on the rudder, elevator and aileron hinge bearing bracket.  
(2) Inspect hinge brackets (p/n 4012) on rudder and elevator for the type of damage indicated in sketch, which might occur in mishandling and weaken the hinge bearing bracket.  
(3) If weld weakness or handling damage is found, a new set of hinges should be installed on the control surface in question immediately.  

INSPECT BOTH SIDES FOR CRACKS OR INADEQUATE WELDING.  

INSPECT BOTH SIDES FOR MARKS SHOWN IN PAINT OR IN METAL AFTER REMOVAL OF PAINT.