

MOONEY AIRCRAFT, INC.

SERVICE LETTER 20-65

SERVICE BULLETIN M20-65

(This Service Letter is FAA Approved)

DATE: March 17, 1960
SUBJECT: Propeller Spinner Inspection and Repair
MODELS AFFECTED: M-20A Serial Nos. 1201 - 1571
TIME OF COMPLIANCE: As Soon As Possible

PARTS LIST

Kit S.L. 20-65-1 (included)

(1) McCauley P/N A-2726 Shim (4)

Kit S.L. 20-65-2 (Supplied free on request)

(1) McCauley P/N D-2136-2 Doubler (Specify quantity needed)

Kit S.L. 20-65-3 (Supplied free on request)

(1) P/N 6419 Patch (Specify quantity needed)

(2) AN 526-1032-R12 - 1 per patch.

Kit S.L. 20-65-4 (Supplied on request at \$30 net. You will be billed for \$60 and given a refund or credit on return of defective spinner.

(1) McCauley P/N D-2136 Spinner Shell (1)

Order parts from the Spare Parts Department, Mooney Aircraft, Inc., P. O. Box 72, Kerrville, Texas. Include airplane registration number on order.

INTRODUCTION

Due to the possibility of cracks occurring in the propeller spinner, it is necessary that the following inspection be made. Rework as necessary in accordance with the following instructions.

INSPECTION INSTRUCTIONS

Inspect as shown in Figure 1. If no defects are found, add shims per rework instructions, Item 1, below.

REWORK INSTRUCTIONS

- (1) For all airplanes. Install shims (Kit S.L. 20-65-1, included) as shown in Figure 1, Detail B, except do not install shims if spinner bulkhead does not have recess at Pt. A as shown in Section C-C, Figure 1, Detail B.
- (2) For cracked doubler. Remove and replace with new doubler. Use AN 470A4-6 or AN 470AD5-6 rivets.
- (3) For cracked spinner. If spinner is cracked as shown in Figure 2, Detail C, it may be replaced or repaired by adding patch (P/N 6419) as shown. Order Kit S.L. 20-65-3. If spinner is cracked as shown in Figure 2, Detail D, it should be replaced. For new spinner shell order Kit S.L. 20-65-4.

- (4) For loose rivets. Replace any loose rivets between spinner shell and doubler using AN 470A4-6 or AN 470AD5-6.
- (5) Please complete and return the enclosed compliance card when inspection and rework is finished.

