

SERVICE INSTRUCTION: M20-75
DATE: 2-26-86

SUBJECT: McCAULEY PROPELLER SPARES ALTERNATE FOR 2A34C216/90DHB-16E
USED ON MOONEY M20K

**MODELS/
S/N EFFECTIVITY:** Mooney Model M20K, S/N 25-0001 thru 25-0999

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

INTRODUCTION: The McCauley Propeller 2A34C221/90DHC-16E or -16EP used on current production M20K S/N 25-1000 and on can be used as an alternate spares replacement on earlier M20K provided the rear spinner bulkhead and doubler is modified per this Service Instruction.

INSTRUCTIONS:

1. With propeller OFF, remove spinner rear bulkhead assy.
2. Measure .29 inches from center of nutplate hole to blade cutout and scribe a mark. Draw a 2.25 inch radius to scribe mark.
3. Radius out area per Figure S.I. M20-75-1.
4. Radius out spinner doubler to the same contour per Figure S.I. M20-75-1.
5. Smooth up all reworked surfaces and surrounding areas of bulkhead and doubler.
6. Reinstall bulkhead, propeller and spinner assy; verify spinner/propeller clearance through all blade angles.

NOTE
Reworked bulkhead and spinner assy
may be used for either propeller.

REFERENCE DATA: N/A

PARTS LIST: N/A

FIGURES/TABLES: See the following figure.

SPINNER
ASSY.

DOUBLER

FIGURE NO.
SI M20-75-1

REAR SPINNER
BULKHEAD ASSY. PROPELLER/HUB

DOUBLER

2.25 IN. RAD.

.29 IN.

BULKHEAD

ENGINE
PROPELLER
HUB

