SUBJECT: McCauley Propeller Spares Alternate for 2A34C216/90DHB-16E Used on Mooney M20K


TIME OF COMPLIANCE: At owner’s discretion.

INTRODUCTION: The McCauley Propeller 2A34C221/90DHC-16E or -16FP 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.