



(This Service Bulletin is FAA D.O. Authorization SW-1 Approved)

SUBJECT: SPINNER DOME STIFFENER PLATE INSTALLATION

MODELS AFFECTED: 1) M20E, S/N 832 thru 1217, 1219, 1221, 1226 thru 1308, 670001 thru 670062

M20F, S/N 660002, 660004, 670001 thru 670539, 680001 thru 680150

2) All other aircraft equipped with P/N 680011 spinner domes.

TIME OF COMPLIANCE: Mandatory within next 50 hours.

INTRODUCTION: There have been instances where a crack has developed in P/N 680011 spinner dome. Installing a pair of stiffener plates (Hartzell P/N B-2480 or Mooney P/N 680024) will reinforce the spinner.

- INSTRUCTIONS:**
- 1) Detach spinner dome by removing all screws from spinner.
 - 2) Drill eight .199/.209 diameter holes in spinner as specified in illustration on reverse side of this sheet.
 - 3) Dress down all burrs and sharp edges on spinner.
 - 4) Apply zinc chromate primer to reworked areas.
 - 5) Reinstall spinner dome using same hardware removed in step 1 (AN screws must be evenly torqued.).
 - 6) Install stiffener plates with AN 526-1032-R8 screws.

SERVICE BULLETIN KIT: No. M20-165

Hartzell P/N B-2480 or Mooney P/N 680024
stiffener plate (two)
AN 526-1032-R8 screw (eight)
Mooney Service Bulletin
Compliance Card (one)

This kit may be purchased from your local Mooney dealer or distributor. Direct factory orders will not be accepted.

COMPLIANCE NOTIFICATION: Upon compliance with this service bulletin, fill out the enclosed compliance card and mail to Mooney Aircraft, Inc.

AN 526-1032-R8 SCREW



B-2480 HARTZELL
(Mooney P/N 680024)
STIFFENER PLATE

Propeller not shown
for clarity.

$\frac{.199}{.209}$ DIA (TYP 4 PLACES)

