

THIS SERVICE BULLETIN IS FAA APPROVED FOR ENGINEERING DESIGN

SERVICE BULLETIN M20 -263
ISSUE DATE: 15 August, 1997

SUBJECT: Seat Belt retainer bushings nylon grommet failure.

MODEL/S/N

AFFECTED: M20 Series - ALL S/N's with Non-Inertial Reel Shoulder Restraints installed
* M20J - 24-0001 thru 24-1685 - With Non-Inertial Reel Shoulder Restraint Assemblies
24-1686 thru 24-TBA - With Rear Seat Shoulder Restraint Assemblies
* M20K - 25-0001 thru 25-1224 - With Non-Inertial Reel Shoulder Restraint Assemblies
25-1225 thru 25-TBA - With Rear Seat Shoulder Restraint Assemblies
M20L - 26-0001 thru 26-0041 - With Rear Seat Shoulder Restraint Assemblies
M20M - 27-0001 thru 27-TBA - With Rear Seat Shoulder Restraint Assemblies
M20R - 29-0001 thru 29-TBA - With Rear Seat Shoulder Restraint Assemblies
* M20J S/N's 24-1150 thru 24-1417 & M20K S/N's 25-0560 thru 25-0780 had Indiana Mills
Seat Belt and/or Shoulder Restraint Assemblies installed during production, however,
if any replacement has been accomplished, the replacement Seat Belt/Restraint Assem-

bly

may have the retainer bushing, nylon grommet configuration.

NOTE

AM-Safe Brand shoulder restraint's incorporate a retainer bushing used for the cargo restraint tie down system for the rear seats. These retainer bushing's should also be inspected for missing or defective nylon grommets used in the original configuration.

TIME OF

COMPLIANCE: Within the next 25 operational hours or at next maintenance action.

INTRODUCTION: Ramp inspections at some airports have found the nylon grommets missing or broken from shoulder harness retainer bushings on several model aircraft. Unauthorized repairs using ty-raps have been found. The Ty-rap's locking tab may prevent the restraint buckle from properly snapping into position or may create difficulties in releasing the restraint buckle in an emergency. The intent of this SB is to provide information for inspection and correctly repairing any defective retainer bushing grommet that may have failed.

INSTRUCTIONS: Figure SB M20-263-1 depicts the conditions that may be found on any seat belt/restraint assembly. Refer to the illustration and follow the procedures shown on the figure.

WARRANTY: Mooney Aircraft Corporation will allow 0.5 hours labor to inspect and repair the seat belt/harness restraints **on aircraft still WITHIN WARRANTY**. The parts will be available through your Mooney Service Center. Your account will be credited in the normal manner when properly completed warranty claims are returned to Service Parts Department, Kerrville, TX.

REFERENCE DATA: FAA General Aviation Airworthiness Alerts, AC No. 43-16, No. 210, January, 1996

PARTS LIST: Kit Part number SB M20-263-1

ITEM	P/N	DESCRIPTION	QTY
1	HRSR-1/2	GROMMET	4

Vendor for Grommet: XL Technologies
1315 So. Park Dr.
Kernsville, NC 27284
Telephone: (910) 996-6777
Fax: (910) 996-2887

FIGURES/

TABLES: See Figure SB M20-263 -1 on next page.

FIGURES/
TABLES: SB M20-263-1



RETROFIT PROCEDURES

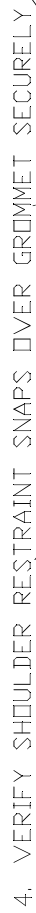
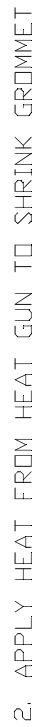
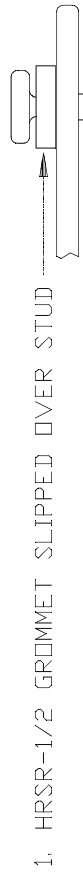


Figure SB M20-263-1