

07/06/01

Murphy Aircraft Mfg. Ltd.

Unit #1-8155 Aitken Road

Chilliwack, B.C.

V2R 4H5

Safety Bulletin: Priority level : 1

Maverick Upper Wing Skin Attachment

Bulletin Identification No: 05/07/001 MAV

Two incidents have occurred where the fabric forward of the fabric rivet line on the top surface of the leading edge has peeled back in flight.

The fabric rivets and reinforcing tape held the fabric, and in the case of the incident witnessed by factory personnel, the aircraft was landed normally.

During construction this area is glued to the aluminum with a 3" glue line and must be thoroughly Scotch Brighted and degreased before gluing. A 3" finishing tape is then laid down over the area.

Please inspect this area thoroughly before further flight.

Aircraft that already have the fabric installed have the option of ordering more fabric and enclosing the leading edge with a fabric to fabric glue line top and bottom.

For Mavericks in construction we would recommend wrapping the fabric completely around the leading edge. The 3" glue line will now run just below the chord line on the leading edge, with the top surface overlapping the lower surface.

If the leading edge is enclosed in fabric, it is a good idea to lay down a layer of Dacron foam to hide the rivets and prevent pinholes.

Technical Services