

Service Bulletin: 1202002SR: Spacing of Wing to Fuselage attachments

SR-3500 SERIES AIRCRAFT

This bulletin affects all SR-3500 series aircraft including kit and fast built units.

Urgency: High

The fitting of the SR3500 series wings to the modified SR3500 fuselage front wing attach fittings has caused an unacceptable interference fit on two fast-build aircraft being assembled at the factory.

The illustration in Fig 1 below shows the nature of the problem. The "Outside" fore to aft spacing of the W-710 & W-709 front attach brackets to the W-713&W-714 rear attach brackets on the wings, exceeds that of the fuselage receiver fittings spacing. Uncorrected the resulting fore and aft pre-loads on the rear wing attach fittings will cause them to bend. This must be corrected prior to fitting the wing to the fuselage. The rear wing attach fittings must be completely free of fore and aft pre-load during assembly. This is accomplished by adjusting the fit and location of the combined W-710 and W709 fittings within the front fuselage wing attachments. See fig 2 below.

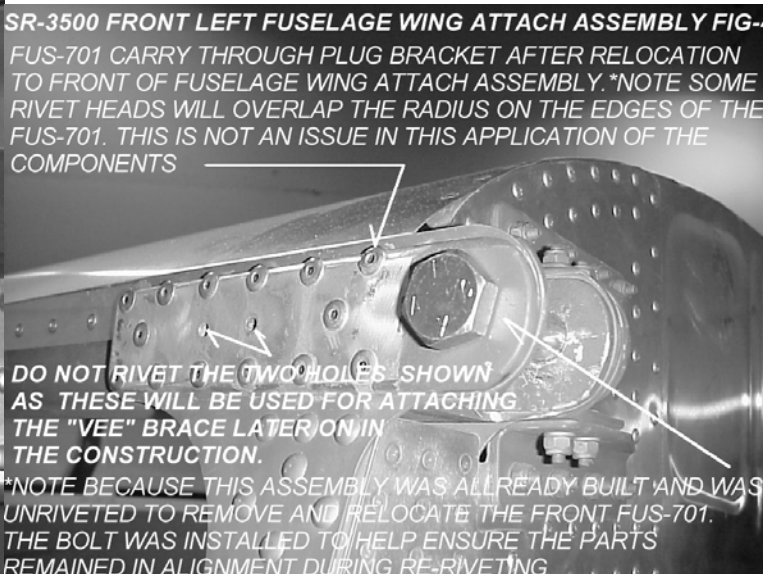
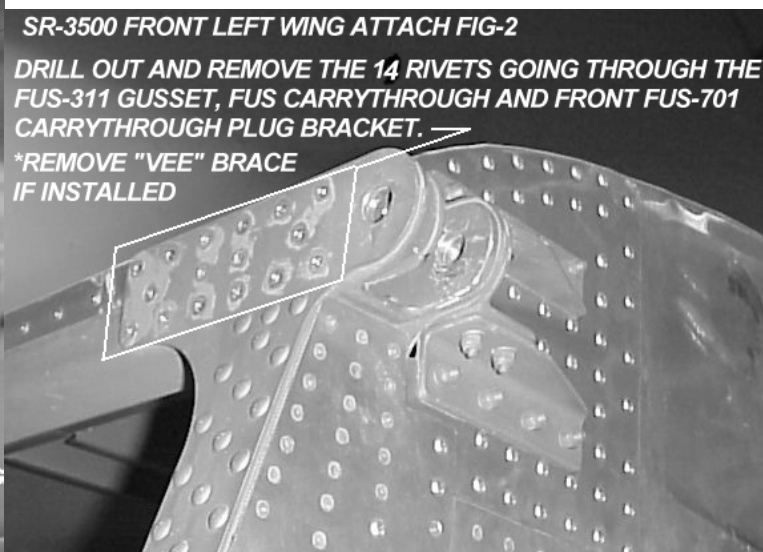
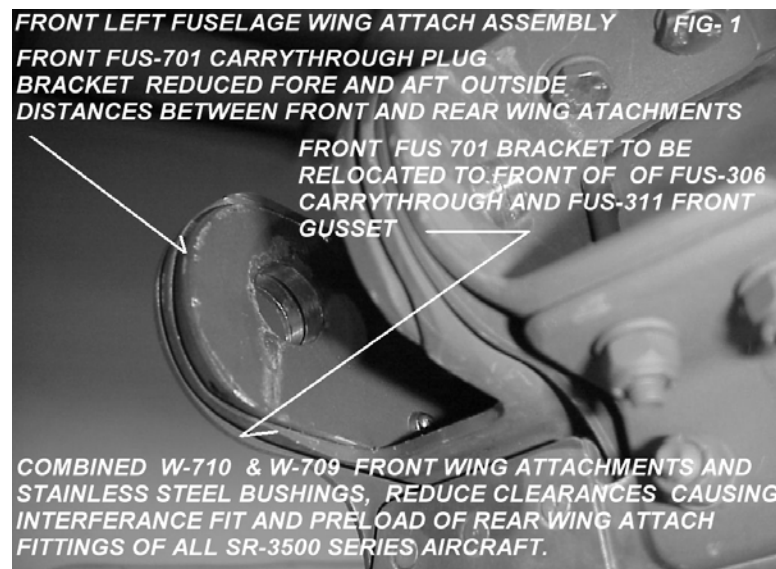


FIG-3 AND FIG-4B illustrate how to remedy the spacing problems. If further details are required please notify the technical department.
 A large printable version of these photos will be made available shortly.