

SERVICE LETTER 404

DATE: July 16, 1992

SUBJECT: Aileron Hinges

APPLICABLE MODELS: All 7 Series Aircraft with 1000+ Hours

DESCRIPTION: There have been reports of cracks on the inboard aileron hinges, part number 2-709, used on all of the 7 series aircraft. These reports state that cracks are being found at either tab end of the most inboard aileron control hinge. The cracks appear on the outside bend radius of the upper and lower tabs. There have also been reports of tab failure.

INSTRUCTIONS: Any 7 series with 1000+ hours:

- 1.) Before further flight, perform a visual inspection of the aileron hinges for evidence of cracks (see fig. 1). This will require the removal of a small amount of fabric in the hinge area.
- 2.) If the cracks are found, replace the hinge with part number 2-709.
- 3.) If no cracks are found, inspect the hinge at each annual or every 100 hours.

COMPLIANCE: Before further flight and every 100 hours thereafter.

Make log book entry stating compliance with Service Letter 404.

(fig. 1)

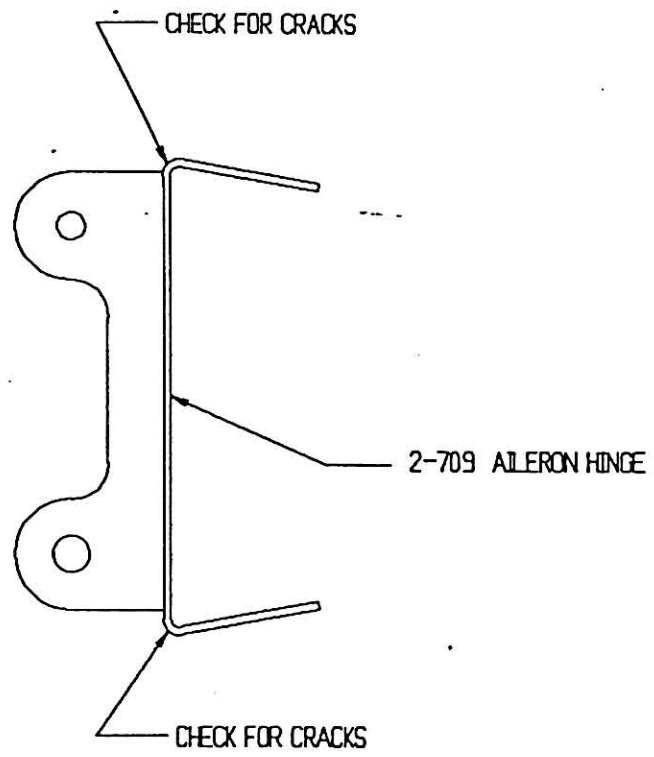


FIG. 1