

P.O. BOX 3090 ONE AYRES WAY ALBANY, GEORGIA 31706-3090 PHONE 229/883-1440 FAX 229/439-9790

Service Bulletin No. SB-AG-22

09-23-88

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AILERON HINGE BRACKETS

EFFECTIVITY:	<u>Model</u>	<u>Serial Numbers</u>
	S2R-T65	T65-001DC
	S2R-T34	<u>T34's</u> 001-031, 032DC-075DC, 076, 077DC-083DC, 084, 085, 086DC, 087, 088 091DC, 092DC, 093, T41-089 T41-090DC, 6000-6049
	S2R-T15	<u>T15's</u> 001-009, 010DC, 011DC, 012-014, 015DC-021DC
	S2R-T11	<u>T11's</u> 001-005
	S2R-R1820	<u>R1820's</u> 001DC-032DC

REASON FOR PUBLICATION: INCREASE FATIGUE LIFE OF THE LOWER AILERON BRACKET ATTACHMENT TO THE WING REAR SPAR.

COMPLIANCE: WITHIN THE NEXT 100 FLIGHT HOURS.

BY WHOM WORK WILL BE ACCOMPLISHED: AIRFRAME MECHANIC

APPROVAL: FAA APPROVED

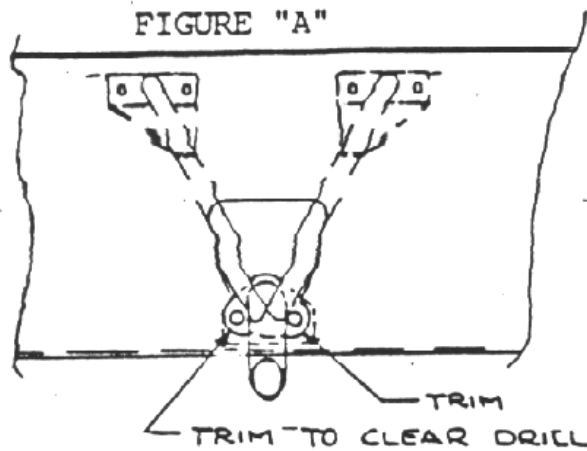
ESTIMATED MAN HOURS: 2 HOURS

SPECIAL TOOLS: NONE

ACCOMPLISHMENT
INSTRUCTIONS:

Remove the lower attachment bolts from all six aileron brackets, P/N 52169-1, (There are two lower bolts in each bracket. The original bolts are 3/16 diameter.)

Trim the opening in the aileron bay skin, P/N 20234-1, -2, to permit straight-in drill alignment with the open bolt holes. See Figure A.



Drill out these holes to ¼ inch diameter using a long drill bit.

REINSTALL:

- 12 ea AN 4-6A Bolts
- 12 ea AN 960-416 Washers
- 12 ea AN 365-428 Nuts

RECORD COMPLIANCE:

Make appropriate entry in aircraft records as follows: Service Bulletin No. SB-AG-22 dated 09-23-88, entitled "Aileron Hinge Brackets" accomplished _____ (date) _____.

By _____.

Fill out the compliance card and return it to Ayres Corporation.