

## **Service Bulletin 57**

**Subject:** Aileron Crossover Cable Lengths

**Applicability:** All Sportsman Kits

**Issue:** New Cable Lengths

**Reference:** Assembly Manual Systems Installation, Section IX,  
pages 154 – 165 and Advanced Notice of Revision dated 10/21/2005

**Compliance Time:** Prior to first flight

### **Discussion and Background Information:**


After many rigging flight controls on numerous Sportsman aircraft in the Customer Assembly Center (CAC), we believe that the left and right aileron crossover cables and the left and right aileron secondary crossover cables, can be pre-fabricated prior to installation with reasonable accuracy. We provided estimated cable lengths in an Advanced Notice of Revision dated 10/21/2005; however, we have found that several of these lengths were inaccurate.

Therefore, effective immediately, the following new cable lengths will take effect for the four aileron crossover cables:

<b>Part Number</b>	<b>Cable Position</b>	<b>Total Length</b>
618-01014-01	LH Aileron Crossover Cable	140-1/4”
618-0105-01	RH Aileron Crossover Cable	155-13/16”
618-01013-01	LH Aileron Secondary Cable	176-3/4”
618-01013-02	RH Aileron Secondary Cable	176-1/8”

Please review Systems Installation, Section IX, pages 154-165, and use the new cable lengths above for proper installation. Refer to the tools and techniques section of the manual for fabricating the aileron crossover cable assemblies.

If you have pre-fabricated the LH Aileron Crossover Cable to the previous dimensions, the shorter cable may be lengthened by substituting a flap cable attach tab 602-02020-01FP (ref. Section IX, p. 145, fig. 84) in place of the supplied aileron cable attach tab 602-06002-01 (ref. Section IX, p. 136, Fig. 79). (Note that the flap attach tab has end-hole dimensions  $\frac{3}{4}$ ” longer than the aileron attach tab and a center hole which is ignored.) If you need the  $\frac{3}{4}$ ” extension, contact the Customer Service / Parts department at 360-435-8533 X221 or [parts@glasairaviation.com](mailto:parts@glasairaviation.com) and explain that you are calling in reference to Service Bulletin 57 and are in need of part # 602-02020-01FP.

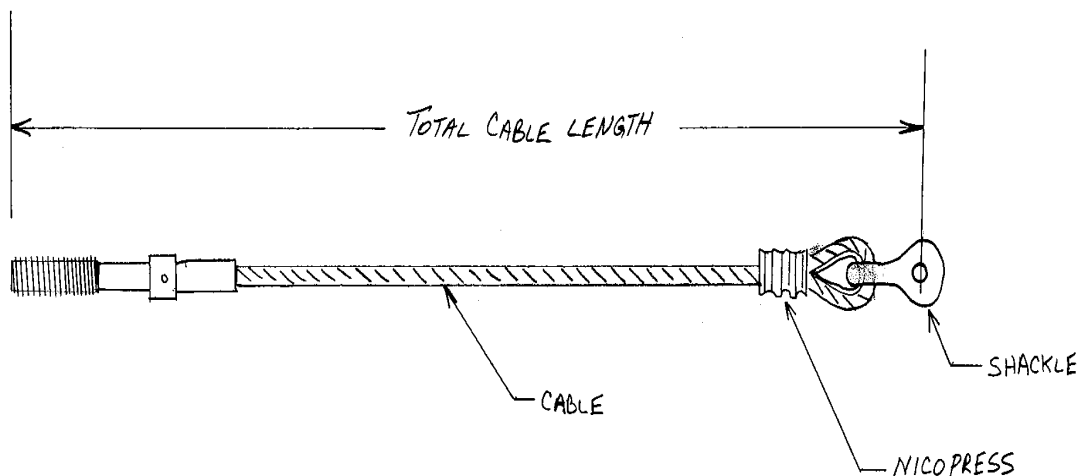
	Model: Sportsman	Document: Service Bulletin 57	Revision: -	Date: 12/7/06	Page: 1
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If you have pre-fabricated the LH Aileron Secondary Cable, it must be shortened or replaced. We have shortened pre-fabricated cables by carefully cutting through the nicopress sleeve from side to side with a small die-grinder and cut-off disc *while being very careful so as to not cut or abrade any of the cable strands*. To accomplish this, we cut the nicopress sleeve to a depth near the cable, *but not all the way through*.

After carefully cutting both sides, we pry the nicopress halves off the cable with vise grip pliers. *We then carefully inspect the cable to verify that none of the strands are damaged prior to re-installation*. If no strands were damaged, we re-fabricate the cable to the correct length and install a new nicopress sleeve. Note: To obtain a nicopress sleeve, contact the Customer Service / Parts department at 360-435-8533 X 221 or [parts@glasairaviation.com](mailto:parts@glasairaviation.com) and explain that you are calling in reference to Service Bulletin 57 and are in need of part # 450-0002-004.

**Warning: If any of the individual strands were damaged in the attempt to salvage the cable assembly, do NOT use it. Order a new LH Aileron Secondary Cable, part # 618-01013-01.**

For assistance with any of the above, please contact the Technical Support department Monday through Thursday, 2pm –4pm Pacific Standard Time (PST) at 360-435-8536 or [technicalsupport@glasairaviation.com](mailto:technicalsupport@glasairaviation.com).



	Model: Sportsman	Document: Service Bulletin 57	Revision: -	Date: 12/7/06	Page: 2
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