Bulletin #: TB940801 RamAir Compensator Connection Date: 8/17/94 Page 1 of 1

Applies To:

RamAir 154 and 146 gliders manufactured prior to August 1984.

See Also:

Technical Bulletin #TB940501 - RamAir Pitch Stability Modification

Inspection / Service Requirement:

Wills Wing has developed a cable replacement for the perlon connection between the RamAir VG lower compensator cable and the Xbar center VG triple block cable. We recommend that the perlon connection be replaced with the new cable during the glider's annual inspection. The cable provides a stronger link which is not subject to change in adjustment. Total dealer cost of the kit listed below is $5.44.

Kit List:

QNT	Part No	Description
1	40P-5006	WIRE XBAR / LOWER COMP CONNECT(Specify for 146 or 154)
2	10U-1130	Washer Steel AN960-10
1	10L-1061	Screw Pan 3/16 MS35207-263
1	10N-1130	Nylock Lowpro 3/16 MS21083-N03
1	15N-1501	Ziptie

Instructions:

With the glider set up, disconnect the bridle ring from the Wichard snap hook, pull the VG on to about 2/3 and open the center zipper. Remove the perlon connector and discard. Pass one end of the new cable link through the wire hole in the tang on the Xbar center VG triple block cable. Install one of the washers provided on the pan head screw, pass it through the loop in one end of the cable link, through the hole in the lower compensator tang, through the loop on the other end of the cable link, through the second washer, and install the nylock nut. Tighten the nut until the screw end is flush with the nylon locking insert. Install the ziptie around the connector link and VG triple block cable as shown. Before tightening the ziptie, align the cable link so that it rests on the outside radius of the triple block cable where it passes around the thimble, and crosses over from one side of the cable to the other. This will help keep the cable link resting on top of the radius of the VG triple block cable. Tighten the ziptie securely.

New Cable Connector For RamAir Lower Compensator Wire

