

Cub Crafters, Inc. Considers Compliance Mandatory

EFFECTIVE DATE: This SERVICE BULLETIN is effective April 24, 2007

SUBJECT: ACCELERATED ELEVATOR CABLE WEAR

MODELS AFFECTED: CC11-100 S/N00018, 00019, 00020, 00024 and S/N00025

COMPLIANCE TIME: PRIOR TO NEXT FLIGHT

PURPOSE: A BATCH OF CABLE FAIRLEADS HAVE BEEN IDENTIFIED THAT MAY LEAD TO ACCELERATED ELEVATOR CABLE WEAR. AN INSPECTION COVER NEEDS TO BE ADDED TO ALLOW ACCESS TO CHECK ELEVATOR CABLE FOR UNDESIRABLE WEAR.

PARTS LIST:

<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY</u>
TC9101-001	5" INSPECTION COVER ASSEMBLY	1
TC9205-001	FABRIC PATCH – 6" ROUND	1
TC3017-001	GROMMET	1
RM9005-002	Poly-Tak Adhesive	AR
RM9004-001	Poly-Brush Fabric Sealer	AR

INSTRUCTIONS: Add an inspection cover to fuselage. Inspect cable for wear.

1. Locate position 63.0" forward of rudder post on bottom side of fuselage. See Figure 1. Ensure an existing inspection cover exists. If inspection cover exists, continue to the Inspection Requirements section of this document. If no inspection cover exists, continue to the Inspection Cover Addition Procedure options A or B section of this document.

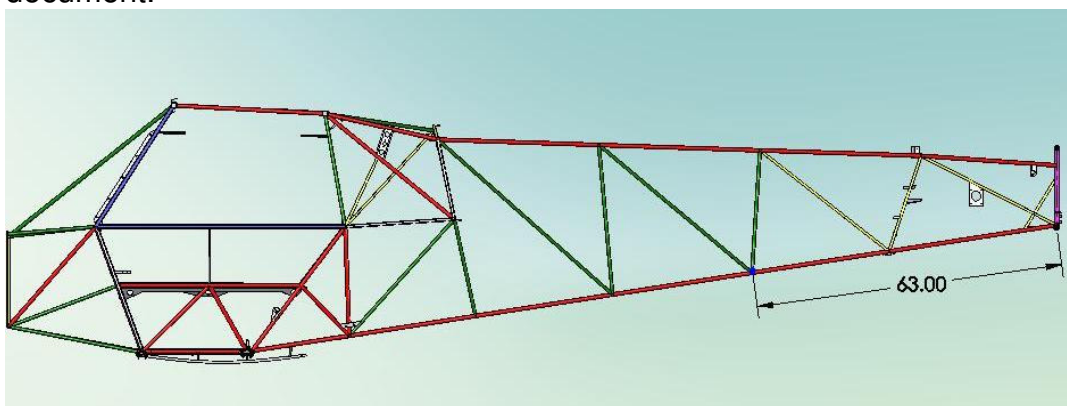


Figure 1 - Inspection Cover Location

Cub Crafters, Inc. Considers Compliance Mandatory
--

INSPECTION COVER ADDITION PROCEDURE OPTION A:

1. Mark a position (inbd/outbd) between bottom stringer and fuselage at 63" forward of rudder post.
2. Scuff a 6.5" diameter section around marked position using 220 grit sandpaper. Scuffing must be deep enough to see silver of fabric.
3. Center TC3017-001 Grommet on marked location. Poly-Tak TC3017-001 Grommet to fabric. Clean up any Poly-Tak drips using MEK.
4. Allow Poly-Tak to dry.
5. Apply Poly-Brush around scuffed area and TC3017-001 Grommet. Apply enough Poly-Brush to wet out TC9205-001 Fabric Patch.
6. Lay TC9205-001 Fabric Patch onto the fuselage and TC3017-001 Grommet. Center Patch over marked location. With a dry brush, work the Fabric Patch into the wetted Poly-Brushed area. Allow the Poly-Brushed area to soak upward into the weave of TC9205-001 Fabric Patch.
7. Allow Poly-Brush to dry.
8. Apply another coat of Poly-Brush over TC9205-001 Fabric Patch, and allow to dry.
9. Paint patched area and TC9101-001 Inspection Cover Assembly to match fuselage.
10. Cut 3.5" diameter hole in fabric to match inner diameter of TC3017-001 Grommet.
11. Install TC9101-001 Inspection Cover Assembly into TC3017-001 Grommet.

INSPECTION COVER ADDITION PROCEDURE OPTION B:

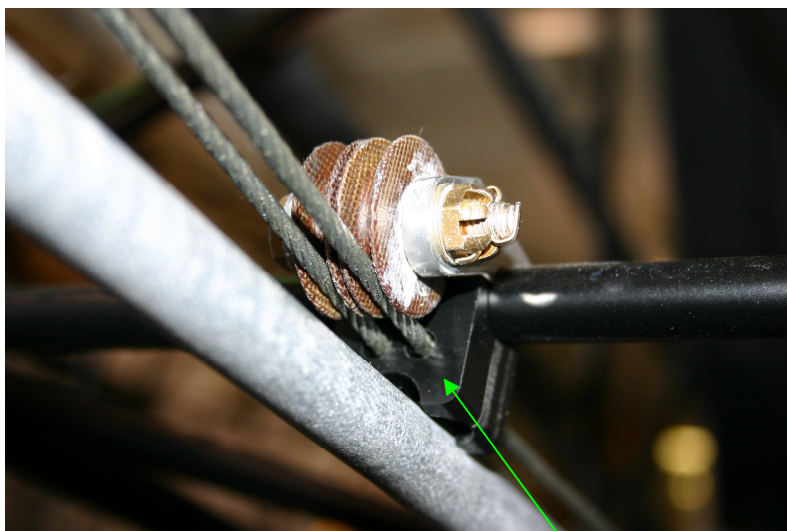
1. Mark a position (inbd/outbd) between bottom stringer and fuselage at 63" forward of rudder post.
2. Center TC3017-001 Grommet on marked location. Poly-Tak TC3017-001 Grommet to fabric. Clean up any Poly-Tak drips using MEK.
3. Allow Poly-Tak to dry.

Cub Crafters, Inc. Considers Compliance Mandatory

4. Cut 3.5" diameter hole in fabric to match inner diameter of TC3017-001 Grommet.
5. Install TC9101-001 Inspection Cover Assembly into TC3017-001 Grommet.

INSPECTION REQUIREMENTS:

1. Cable going through suspect fairlead must be inspected every 10 hours for the first fifty (50) flight hours. If no discrepancies are found, continue to Step 2. If any discrepancies found, see Step 7 in Inspection Procedure.
2. Cable going through suspect fairlead must be inspected every 20 hours for the second forty (40) flight hours (90 hours total). If no discrepancies are found, continue to Step 3. If any discrepancies found, see Step 7 in Inspection Procedure.
3. Inspect cable going through suspect fairlead on 100-Hour Inspection. If no discrepancies are found, continue to Step 4. If any discrepancies found, see Step 7 in Inspection Procedure.
4. Cable going through suspect fairlead must be inspected at 150 total flight hours. If no discrepancies are found, continue to Step 5. If any discrepancies found, see Step 7 in Inspection Procedure.
5. Cable going thru suspect fairlead must be inspected every 100 hours.



Suspect Fairlead



Cub Crafters, Inc. Considers Compliance Mandatory

INSPECTION PROCEDURE:

1. Remove TC9101-001 inspection cover.
2. Move control stick to full forward position (elevator full down).
3. Inspect cable around fairlead for any unusual wear.
4. Move control stick to full aft position (elevator full up).
5. Inspect cable around fairlead for any unusual wear.
6. Replace TC9101-001 Inspection Cover.
7. If any discrepancies found, Contact Cub Crafters, Inc. prior to next flight.