

SERVICE LETTER

NUMBER: SL-013

REVISION: A

DATE: 10/27/2009

SUBJECT: KODIAK Specific Repair Instructions; Indention on Horizontal Stabilizer

SUMMARY

ACTION

This Service Letter provides guidance on repairing an indention located on the Horizontal Stabilizer.

FAA APPROVED

The resultant repair to the affected aircraft described in Task steps 1-6 of this Service Letter has been shown to comply with the applicable Federal Aviation Regulations and is "FAA Approved."

EFFECTIVITY

KODIAK 100 Series Aircraft, applicable only to Serial Number 100-0020.

NOTE: This repair is a one-time repair instruction for the serial number listed above and should not be used on any other aircraft without written consent from Quest Aircraft LLC. Contact Quest Customer Service for more information.

COMPLIANCE

Quest recommends following the procedures defined in this Service Letter to complete the applicable repair.

INDUSTRY SUPPORT INFORMATION

N/A

MANPOWER

The instructions contained in this Service Letter will take approximately 2 hours to complete and can be completed with one person.

WARRANTY

This modification is not warranty reimbursable.

LOG OF REVISIONS		
REVISION	DATE	DESCRIPTION OF CHANGES
A	10/27/2009	Initial Release

ATTACHED DOCUMENTS		
DOCUMENT #	DATE	DOCUMENT TITLE
N/A	N/A	N/A

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1.1 Overview

Estimated Time to Complete: 2 hours

Tools Required:

Tool Name	Tool Duty
Eddy Current Testing System	Detect cracks in Horizontal Stabilizer.
Blunt Tool with Rounded End	Push out indented area.

Horizontal Stabilizer; Dent Repair

Task	Instruction	Visual
1	Using a blunt tool with a rounded end, carefully push the indentation back to its original position.	No Image Available
2	Inspect the restored area making sure that there are no sharp creases (less than a 0.125" radius) in the metal and that the metal does not easily flex.	No Image Available
3	Eddy Current inspect the surrounding area in accordance with Section 3 of AC43.13 to ensure structural integrity. NOTE: If cracks do exist contact Quest for further instructions.	No Image Available
4	Fill any remaining indented area with Chem Seal CS2415 aerodynamic smoothing compound or equivalent compound conforming to MIL-S-38228 Type I . Apply sealant per manufacturers instructions.	No Image Available
5	Reapply protective Zinc Chromate primer or equivalent to exposed aluminum. NOTE: Topcoat is not needed for metal protection but should be applied when able.	No Image Available
6	Note the work performed in the KODIAK 100 Log Books.	No Image Available