

**\*MANDATORY SERVICE BULLETIN\*****NUMBER:** SB12-03**REVISION:** 00**DATE:** May 10, 2012**SUBJECT:** FLOOR BOARD SCREWS REPLACEMENT**EFFECTIVITY:**

KODIAK 100 Series Aircraft Serial Numbers: 100-0001 through 100-0057

**SUMMARY:**

The accompanying Field Service Instruction provides guidance for replacing floor board screws that may interfere with the wiring harness, especially in the region where the wire bundle passes through the main gear area.

**COMPLIANCE:**

This Mandatory Service Bulletin must be complied with on or before the next Annual Inspection.

**ATTACHED DOCUMENTS:**

Document #:	Revision:	Document Title:
FSI-041	00	FLOOR BOARD SCREWS REPLACEMENT

**FAA APPROVAL STATUS:**

The instructions attached to this Service Bulletin have demonstrated compliance with all applicable Federal Aviation Regulations and are approved by the Federal Aviation Administration.

**CREDIT AND WARRANTY INFORMATION:**

Quest Aircraft Company will reimburse for the cost of this modification up to \$170.00. For reimbursement send Quest Aircraft Company a copy of the maintenance record, completed KODIAK 100 Warranty Claim Form, and an invoice that does not exceed the amount listed above.

**Quest Customer Service****Service Bulletin: SB12-03****Phone: (208)263-1111 Toll Free: 1(866)263-1112****Email: [Customercare@questaircraft.com](mailto:Customercare@questaircraft.com)****SPECIAL INSTRUCTIONS:**

N/A

**\*MANDATORY SERVICE BULLETIN\*****\*MANDATORY SERVICE BULLETIN\***



TITLE:

**FIELD SERVICE INSTRUCTION**

Floor Board Screws Replacement

SERIAL RANGE: 100-0001 through 100-0057

JASC CODE: 5321

PAGE:

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REPORT NO.:

FSI-041

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00

**SUBJECT**

This Field Service Instruction provides guidance for replacing the floor board screws that may interfere with the wiring harness, especially in the region where the wire bundle passes through the main gear area.

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**AFFECTED MANUALS AND PUBLICATIONS**

None

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**INDUSTRY REFERENCES**

None

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**WEIGHT AND BALANCE**

Negligible

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**MANPOWER**

The estimated man-hours and minimum number of persons required to perform this Field Service Instruction are listed below. The "Minimum Persons" refers only to maintenance personnel or installers and, unless otherwise specified within this instruction, does not include additional personnel that may be needed solely to comply with safety requirements (for example, safety observers that are not performing tasks within this instruction). It is the responsibility of maintenance personnel to comply with safety requirements, including having a safety observer available as needed.

**Estimated Man-hours: 2 hours****Minimum Persons: 1 person**

If more than the minimum personnel perform this instruction, the actual man-hours required may be reduced due to increased efficiencies. As appropriate, Quest encourages the use of additional personnel; man-hour estimates are based on the minimum personnel required.

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**RECORD OF COMPLETION**

Update the appropriate maintenance records.

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Quest Aircraft Company, LLC  
1200 Turbine Drive  
Sandpoint, ID 83864



# FIELD SERVICE INSTRUCTION

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## REVISION RECORD

REV	PAGE	CHANGE DESCRIPTION
00	All	Initial Release



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## 1. Special Safety Instructions

### 1.1 Warnings

Failure to comply with “Warnings” contained in this instruction may result in financial loss, significant delay in the completion time, and/or serious injury to personnel.

### 1.2 Cautions

Failure to comply with “Cautions” contained in this instruction may result in the destruction of components, unnecessary complications, the need to reverse completed work, and/or delays in the completion time.

### 1.3 Notes

“Notes” are provided when additional information may lead to an increase in efficiency.

## 2. Parts, Tools, and Equipment

The following tables describe the parts, tools, and equipment necessary to successfully complete this instruction. Where applicable, reference to drawings provided with this instruction is provided.

**Table 2-1: Parts and Tools Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-1-1	NAS517-2-4	100	Screw	N/A	N/A

**Table 2-2: Consumables Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-2-1	N/A	N/A	N/A	N/A	N/A

**Table 2-3: Serial-Number-Specific Parts Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-3-1	N/A	N/A	N/A	N/A	N/A

**Table 2-4: Parts and Tools NOT Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-4-1	Commercially Available	1	Philips Head Screwdriver	N/A	N/A



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### 3. General

This Field Service Instruction provides guidance for replacing the current floor board screws (P/N NAS517-2-6) with shorter floor board screws (P/N NAS517-2-4).

### 4. Preparation

Remove the seats, carpeting, and heel rests, as necessary to access the floor boards (refer to the *KODIAK 100 Airplane Maintenance Manual*, Chapter 25).

### 5. Instructions

1. Using a screwdriver, replace all current floor board screws (P/N NAS517-2-6), including the hat shack area (zone 6) screws, with the shorter floor board screws (P/N NAS517-2-4).

#### ▲ NOTE ▲

The washers should not need to be replaced, unless they are damaged. Contact Quest Aircraft if you require replacement washers.

2. Inspect the wiring harness for possible chaffing or wear from the original screws, paying special attention to the region where the wire bundle passes through the main gear area. If damage is found, contact Quest Aircraft for further instructions.
3. Clean the bilge area of any foreign objects or debris.

### 6. Completion

1. Reinstall the seats, carpeting, and heel rests (refer to the *KODIAK 100 Airplane Maintenance Manual*, Chapter 25).
2. Record all work performed in the appropriate maintenance records.

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