

## Grant Robinson

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**From:** McConnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Monday, February 20, 2017 1:40 PM  
**To:** Grant Robinson  
**Cc:** Hugh Slaney; Thomas Jacobson  
**Subject:** FW: S-92 Central Cover-Conversion to Screws and Nutplates

Provided for your information and consideration.

In response to an inquiry by Hugh, following is a reissuance of a memo I sent previously to Daryl regarding the addition of nutplates to the P/N 92209-04305-101/-102 central cover supports in order to facilitate removal and installation of the central cover.

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**From:** McConnell, David P SIK  
**Sent:** Thursday, April 18, 2013 17:55  
**To:** 'Daryl Dixon' <daryl\_d@tasl.co.th>  
**Subject:** S-92 Central Cover-Conversion to Screws and Nutplates

Daryl:

It has been reported that the P/N 92209-04305-101/-102 upper supports of the P/N 92205-04300-043 central cover assembly are very difficult to remove from their bolted connection on the P/N 92209-04324-049/-050 brackets on the input module aft face.

The installed central cover effectively captures this bolted connection, making it difficult and time consuming to access, disassemble and reassemble

Per the below response to FTR 1068T262 CRM Log ID 32043 you may remove the two P/N HL10VBJ-6-2 Hiloks fastening the upper end of each P/N 92209-04305 upper support to the central cover and replace each Hilok with a P/N TX1004 (or equivalent) screw and P/N MS21076 (or equivalent) nutplate. Fasten the

nutplates to the P/N 92209-04305-101/-102 upper supports with P/N CCR244SS3 (or equivalent) fasteners.

The upper supports are then bolted to the P/N 92209-04324-049/-050 brackets at the lower end using existing hardware. They will remain attached when the central cover is removed.

The central cover will be released from the upper supports by removing the P/N TX1004 screws from the nutplates, leaving the lower end bolted to the P/N 92209-04324-049/-050 brackets.

This configuration will result in reduced time, effort and wear and tear currently needed to remove and reinstall a central cover.

Log Number: 32043  
FTR Number: 1068T262  
FTR Date: Oct 23 2008 4:01AM  
Aircraft Model: S-92A  
Part ID: 92205-04300-043 CENTRAL COVER ASSY  
CSE: Ivanovich  
ATA: 54  
Ref Docs: 1) Attached JPEG images  
FTR Subject: Central cover front support modification

**Problem Description:**

Customer maintainers report that the P/N 92209-04305-101/-102 upper supports of the central cover are very difficult to remove from their bolted connection to the P/N 92209-04324-049/-050 brackets on the input module aft face.

The installed central cover effectively captures this bolted connection, making it difficult and time consuming to access.

The customer proposes to remove the two P/N HL10VBJ-6-2 Hiloks fastening the upper end of each P/N 92209-04305 upper support to the central cover and replace each Hilok with a P/N TX1004 screw and P/N MS21076 nutplate.

The upper supports would then be bolted to the P/N 92209-04324-049/-050 brackets at the lower end and would remain attached when the central cover is removed.

The central cover would be released from the upper supports by undoing the P/N TX1004 screws from the nutplates, leaving the lower end bolted to the P/N 92209-04324-049/-050 brackets.

This method will result in reduced time, effort and wear and currently tear needed to remove and reinstall a central cover.

Customer requests SA concurrence with this proposed modification. EoM

**Problem Resolution:**

Sikorsky Aircraft has no objection to replacing the Hi-Loks on the supports of the central cover with screws and nut plates, and to leave the lower end bolted to the brackets as requested.

Please do not hesitate to contact this office should further information be required.

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