

## Grant Robinson

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**From:** McConnell, David P SIK <DMcConnell@SIKORSKY.COM>  
**Sent:** Friday, July 29, 2016 9:16 AM  
**To:** Grant Robinson  
**Cc:** Daryl Dixon; Nakhon Supervisor Engineer  
**Subject:** 920279 Removal Of RIPS Distributor And Slipring

**Importance:** High

Grant;

Following is Sikorsky engineering's approval to remove the RIPS distributor and slipring on HS-HVB without embodying all four RIPS summer kits.

Removal of the slipring and distributor will effectively install kit P/N 92070-55045-012. Please note that per the FTR response it is inferred that adherence to the kit P/Ns is required in order to be able to certify kit installation on an equivalency basis. Kit contents are as follows:

### MOD KIT, RIPS ROTOR

**92070-55045-012**

<b>P/N</b>	<b>NOMENCLATURE</b>	<b>QTY</b>
CEP-22	CAP, CONDUCTIVE	02
M83248/1-280	O-RING, SUPERSEDED BY P/N AS3209-280	02
NAS624H6	BOLT	16
SS5103C04	WASHER	16
SS7114FT20-0120	TUBING, INSULATION	08
92103-15105-103	SUPPORT, MR FAIRING	01

Customer: Thai Aviation Services Limited

Aircraft Serial Number: 920279

Aircraft Model: S-92A

ATA: 30

Part Number: 92070-55045-012

Case Number: C0033450

Title: RIPS System Partial Removal-Request For

### Issue Description:

Reference FTR Case No. C0033415.

TAS are preparing to place RIPS-enabled A/C S/N 920279 into service.

Per the response to Case C0033415, they will functionally deactivate the RIPS system by pulling the appropriate C/Bs and reconfiguring the AMS.

In addition, TAS have ordered RIPS summer kits P/N 92070-55045-011 thru -014 from SCI. SCI has responded with a 180 day lead time for all kits.

AWL 5-10-00-002 Supplementary Replacement Schedule Table 2 calls out a 1250 hour removal time for RIPS slipring P/N 92550-04801-101. Deactivation of the RIPS system does not stop the clock on accrual of hours on the slipring.

In order to avoid unnecessarily expending hours on an expensive, unneeded slipring, TAS propose the following:

1. Remove P/N 92550-04805-102 RIPS distributor per AMM Task 30-61-04-900-001.
2. Remove P/N 92550-04801-101 sliring and P/N 92351-15238-042 deice tube assembly per AMM Task 30-61-02-900-001.
3. Install P/N 92103-15105-103 support per AMM Task 54-23-01-900-002.
4. Install electrical connector protective covers as required.

This procedure will effectively embody RIPS summer kit P/N 92070-55045-012 only.

Kit P/Ns -011, -013 and -014 will be installed when received.

TAS request SA engineering approval of this plan to partially remove RIPS from A/C S/N 920279. EoM

**Resolution:**

Sikorsky Engineering approves installation of all individual components of the -012 kit as long as all kit components are used and the AMM is strictly followed.

**David P. McConnell**

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