

## Grant Robinson

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**From:** McConnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Tuesday, January 17, 2017 9:48 AM  
**To:** Grant Robinson  
**Cc:** Ekwitt Inthong  
**Subject:** Use of P/N AN929-4J cap on S-76D MLG brake check valve

Grant;

Per Ek's request, following is the CSE response to my request to use a P/N AN929-4J pressure cap in lieu of a P/N NAS817-4 transportation cap on S-76D MLG brake bleeder ports.

Case Number: C0049617  
Customer: Thai Aviation Services Limited  
Aircraft S/N: 761XXX  
Aircraft Model: S-76D  
ATA: 32  
Part Number: 76250-21100-012  
Case Subject: Request For P/N Confirmation-MLG Brake Check Valve Cap

### Problem Description:

Reference S-76D IPC CH 32-43-07 Figure 1, Page 2 Item 102 and Page 3 Item 116.

The IPC references above call for cap P/N NAS817-4 to be installed on MLG brake check valve P/N SS50-815K-4J.

Reference to the spec for NAS817 indicates that it a sheet metal cap typically used as a shipping cap or dust cover.

Examination of four new delivery S-76D A/C (D59, D60, D63 and D64) and two legacy S-76C++ (760693 and 760697) in the TAS hangar shows that all are fitted with pressure cap P/N AN929-4J, which TAS believes is a more suitable cap for this installation.

Reference to S-76 IPC data going back as far as the S-76A shows that the only callout for this location is P/N NAS817-4.

- 1) Please advise if P/N NAS817-4 cap is considered to be a valid callout for the wheel brake check valve for S-76D and legacy A/C.
- 2) Please advise if pressure cap P/N AN929-4J may be used in lieu of cap P/N NAS817-4 on the S-76D wheel brake check valve P/N SS50-815K-4J.

EoM

### Problem Resolution:

Q1) Please advise if P/N NAS817-4 cap is considered to be a valid callout for the wheel brake check valve for S-76D and legacy A/C.

A1) Yes.

Q2) Please advise if pressure cap P/N AN929-4J may be used in lieu of cap P/N NAS817-4 on the S-76D wheel brake check valve P/N SS50-815K-4J.

A2) Ref Case XAu-75627: AN929-4J is an acceptable substitute for NAS817-4 in this application.

This Case will be forwarded to Sikorsky QA for their information / action.

**David P. McConnell**

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