

Grant Robinson

From: Mcconnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Thursday, June 01, 2017 12:02 PM
To: Grant Robinson
Subject: S-76D Air Conditioning Flapper Valve P/N

Grant

Following is the CSE response to my request for P/N information for the STA 215 air conditioning flapper valve.

Case Number: C0061825
Customer: Thai Aviation Services Limited
Aircraft S/N: 761063
Aircraft Model: S-76D
ATA: 21
Part Number: 09076D30P008-01
Case Subject: Sta 215 Air Conditioning Flapper Valve Adrift

Problem Description:

Reference

- 1) Attached JPEG image
- 2) Attached pages IC03040 – Utility Interior

TAS maintainers removing baggage compartment air conditioning and heating ducting on A/C S/N 761063 found a rectangular plate measuring 2.5 x 13.5 inches, and two 7 inch long wire rods adrift in the Sta 215 duct.

A small hole approximately 0.032 inches in diameter was noted in the plate's upper edge.

Reference to IC03040 CH 21-23-07 Page 202 Figure 201 suggests that these parts may have come from the P/N 09076D30P008 duct adapter. TAS assumes that they make up a flapper valve system.

TAS wish to reinstall the flapper, but are unsure if all the parts are present and accounted for.

They have been unable to find Dwg 09076D30P008 in the A/C Options Data Package. A search for the drawing in ERC was also unsuccessful.

- 1) What is the P/N of this flapper and any detail parts of its installation?
- 2) Is there a detail part missing from the 0.032 inch hole in the flapper?
- 3) Please provide copies of Dwgs 09076D30P008 Sta 215 Duct Adapter and 09076D30P801 Center Support to DocPaks FSR-Thailand (Thailand) and Thai Aviation Services (Thailand). EoM

Problem Resolution:

Q1) What is the P/N of this flapper and any detail parts of its installation?

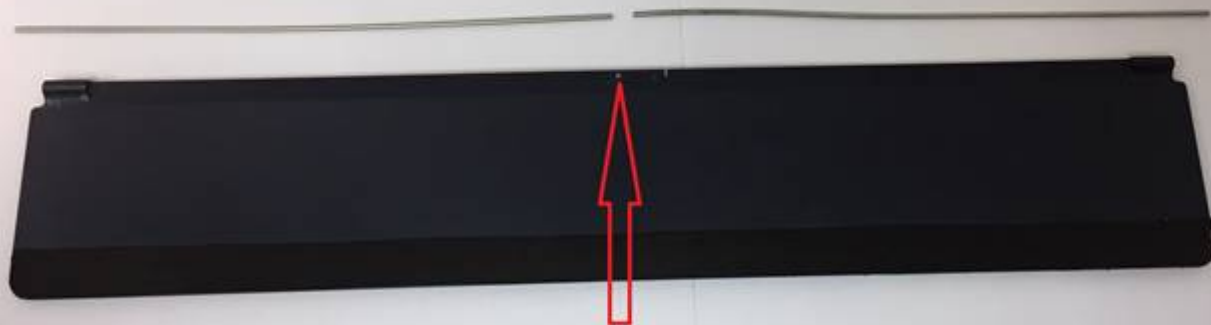
A1) Parts in customer supplied image are 10076B30G102-6 Flap and 10076B30G102-4 Shaft (which is broken in half). Flap and Shaft are part of the 10076B30G011-2 VALVE ASSEMBLY, which is a part of the 09076D30P020-05 AIR DUCT ASSEMBLY installed in aircraft at final assembly.

Q2) Is there a detail part missing from the hole in the flapper?

A2) 98195A050 SPRING, PIN is missing from the hole in the customer supplied image.

McConnell, David P e338737
Thai Aviation Services S-76D
A/C S/N 761063 A/C TT 720.6

**Sta 215 duct flapper
valve and hinge pins**



**Drilled orifice approximate
diameter 0.032 inches**

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