

## **Grant Robinson**

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**From:** McConnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Tuesday, February 28, 2017 9:27 AM  
**To:** Grant Robinson  
**Cc:** Nakhon Avionics  
**Subject:** S-76D Electrical Connectors P455 and P456

Grant;

Per the request of Itop, following is the CSE explanation for electrical connectors P455 and P456 found on all S-76D aircraft in the TAS fleet.

Case Number: C0053274  
Customer: Thai Aviation Services Limited  
Aircraft S/N: 761059  
Aircraft Model: S-76D  
ATA: 30  
Case Subject: Iso Valve Connectors P455 And P456

**Problem Description:**

Reference attached JPEG image.

TAS avionics personnel note capped and stowed connectors mounted on the forward side of the forward engine firewalls in the No. 1 and 2 plenum chambers.

Sleeve markings identify them as P455 / P456 Iso Valve.

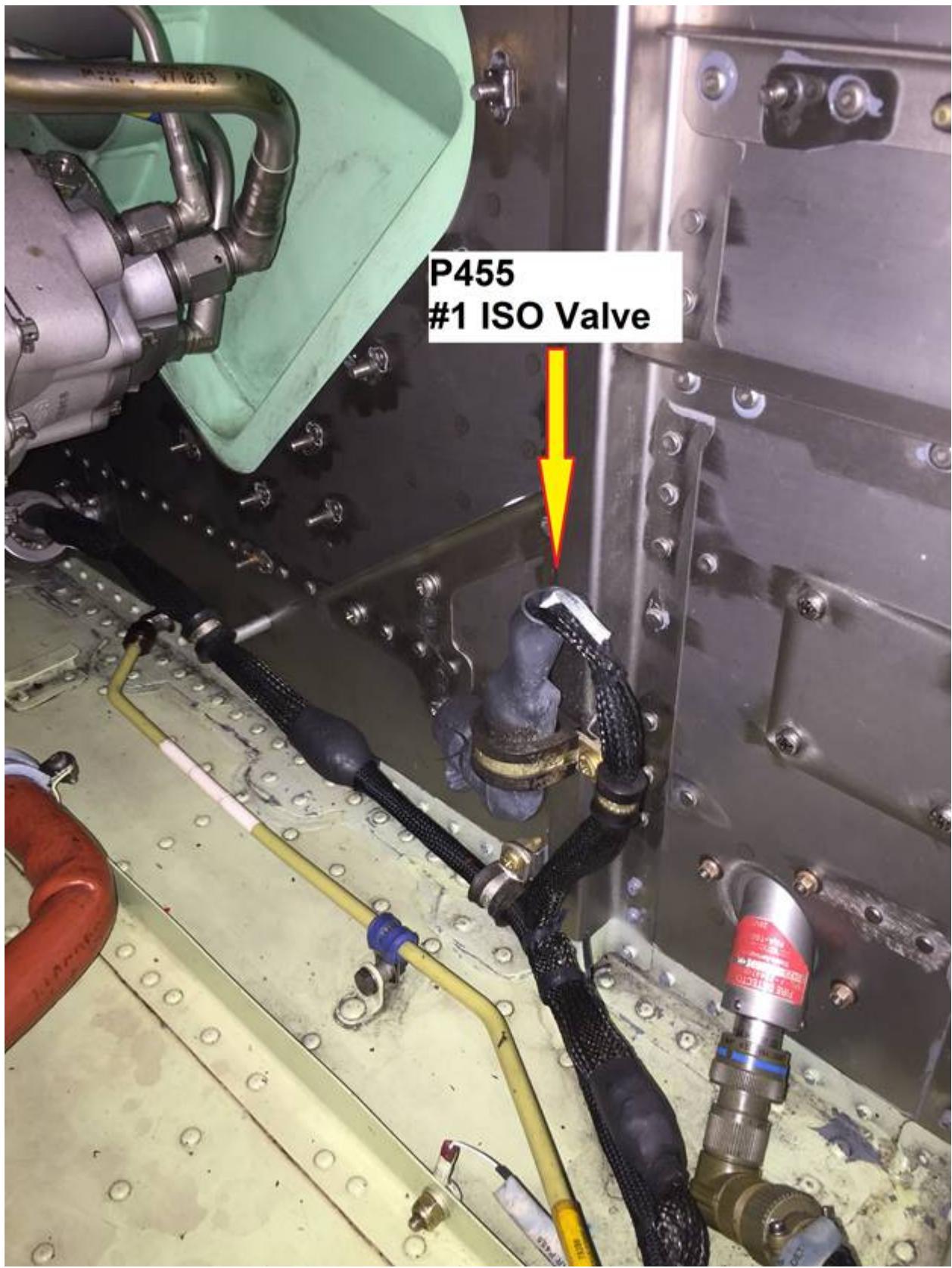
These connectors have been found on all D models received to date – D59, D60, D63 and D64.

What system did P455 and P456 formerly belong to? EoM

**Problem Resolution:**

The ISO Valve connectors P455 and P456 were originally installed as provisioning for the RIPS (Rotor Ice Protection System) kit, intended for use in controlling bleed air to the ice rate detection probes.

The RIPS program has been cancelled and these connectors are not functional.



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