

SERVICE BULLETIN

Pitts S-2B

DATE: 20 August 1997

REVISED:

SERVICE BULLETIN NO. 26

Engineering Aspects Approved by FAA

SUBJECT: Throttle and Cowl Flap Control Cables
P.N. 60534 & P.N. 60526

1. EFFECTIVITY

Pitts S-2B aircraft serial numbers 5286 and up

2. PURPOSE

To provide thermal isolation for the control cables forward of the firewall

3. BACKGROUND

There have been reports of the outer plastic shell of the control cables melting just forward the firewall. This problem can only occur on aircraft S/N 5286 and up, due the proximity of the cables to the exhaust manifold. This is probably due to heat radiating from the exhaust manifold after engine shut down. See Figure 1.

4. INSPECTION

All S-2B owners should open the left hand cowl door and perform a visual and tactile inspection of the two cables for heat damage.

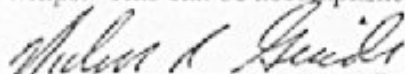
5. REPAIR/MODIFICATION

If the cables show any sign of damage, replace the cables. After replacement, or if no damage is present, the modification required is to install a 14 inch length of fire-sleeve over the cable group. See Figure 2. The fire-sleeve can be installed in one of two ways:

1. Disconnect the terminal ends of the cables and slide the fire-sleeve over the terminals until the end of the fire-sleeve rests on the firewall. Use tie wraps to secure.

Or,

2. Cut the fire-sleeve lengthwise and wrap the fire-sleeve over the cable group. Secure with tie wraps. This can be accomplished without removing any of the engine cowling.



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Engineer

