



Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, Florida, U.S.A. 32960

SERVICE NO. 1125 LETTER

Date: July 27, 2010

(S)

SUBJECT:

STALL HORN BRACKET REPLACEMENT

MODELS AFFECTED:

PA-28-151 Warrior
PA-28-160 Cherokee
PA-28S-160 Cherokee
PA-28-161 Cadet
PA-28-161 Warrior II

PA-28-161 Warrior III
PA-28-180 Cherokee

PA-28S-180 Cherokee

PA-28-180 Archer
PA-28-181 Archer II

PA-28-181 Archer III
PA-28-235 Cherokee Pathfinder
PA-28-236 Dakota

PA-28-201T Turbo Dakota
PA-28R-201 Arrow III

PA-28R-201T Turbo Arrow III

PA-28RT-201 Arrow IV
PA-28RT-201 Arrow IV
PA-28RT-201T Turbo Arrow IV

SERIAL NUMBERS AFFECTED:

28-7415001 through 28-7715314
28-1 through 28-4377
28-1 through 28-1760A
2841001 through 2841365
28-7716001 through 28-8216300; 28-8316001 through
28-8616057; 2816001 through 2816109
2816110 through 2816119; 2842001 through 2842349
28-03; 28-671 through 28-5859 & 28-7105001 through
28-7205318
28-671 through 28-5859 & 28-7105001 through
28-7105234
28-7305001 through 28-7505260
28-7690001 through 28-8690056; 28-8690061;
28-8690062; 2890001 through 2890205
2890206 through 2890231; 2843001 through 2843680
28-7310001 through 28-7710089
28-7911001 through 28-8611008; 2811001 through
2811050
28-7921001 through 28-7921095
28R-7737002 through 28R-7837317; 2837001 through
2837067; 2844001 through 2844139
28R-7703001 through 28R-7803373; 2803001 through
2803012
28R-7918001 through 28R-7918267
28R-8018001 through 28R-8218026
28R-7931001 through 28R-8631005; 2831001 through
2831038

COMPLIANCE TIME:

On condition.

APPROVAL:

The technical content of this Service Letter has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

(OVER)
ATA: 2730

PURPOSE:

Under certain conditions, the body of the stall warning horn may contact the hand brake support channel assembly, creating an electrical short circuit, which will trip the circuit breaker and render the stall warning alarm inoperable.

This Service Letter provides troubleshooting information to identify the condition described. For aircraft affected, this Service Letter also announces a kit, which, when installed will provide additional clearance between the stall warning horn and adjacent airframe structure.

INSTRUCTIONS:

For aircraft operators that experience the stall warning circuit breaker tripping unexpectedly, a likely cause of this condition may be that the horn assembly is making intermittent contact with the hand brake support channel assembly. Proceed as follows to verify this condition:

1. Remove electrical power from the aircraft.
2. Locate the stall warning horn assembly, which is mounted on the hand brake support channel assembly, midway between the firewall and the instrument panel as shown in Figure 1.
3. The Bracket 35203-002 is made from phenolic, and is somewhat flexible. Apply gentle hand pressure on the horn assembly, in the direction to allow the horn assembly to contact the flange of the hand brake support channel assembly.
4. Examine the area of contact. There is a black plastic insulating strip mounted on the flange of the hand brake support channel assembly. If the insulating strip does not prevent contact between the horn assembly and the hand brake support channel assembly, order and install "STALL HORN BRACKET REPLACEMENT KIT", Piper part number 88472-002.
5. Make a logbook entry indicating compliance with this Service Letter.

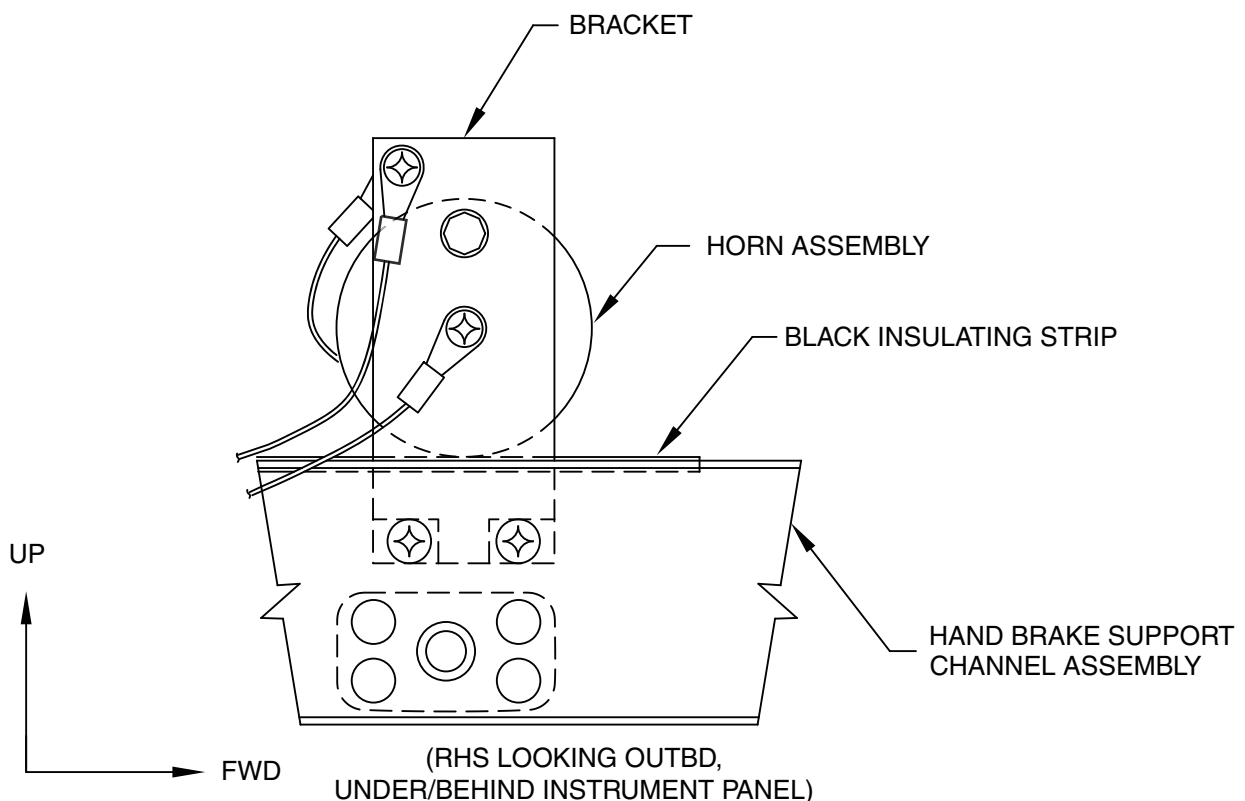


Figure 1
STALL WARNING HORN INSTALLATION (Typical)

MATERIAL REQUIRED: One (1) each, Stall Horn Bracket Replacement Kit, Piper part number 88472-002, per aircraft, on condition.

AVAILABILITY OF PARTS: Your Piper Service Facility.

EFFECTIVITY DATE: This Service Letter is effective as of release date.

SUMMARY: Applicable Factory Participation is limited to new aircraft in warranty at the time of compliance. Factory Participation will remain in effect for a period of time not to exceed 180 days from the date of this Service Letter.

Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Letter in accordance with the compliance time indicated.

NOTE: Please notify the factory of any address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections and/or changes should be directed to:

PIPER AIRCRAFT, INC.
Attn: Customer Service
2926 Piper Drive
Vero Beach, FL 32960