

## STALL WARNING SYSTEM - TROUBLESHOOTING

### 1. General

- A. A troubleshooting chart has been developed to aid the maintenance technician in system understanding. Refer to Figure 101 and Figure 102.

### 2. Troubleshooting Stall Heat CAS Message (G1000)

- A. The STALL HEAT CAS is suppressed for 3 minutes after the stall heat switch is turned on.
- B. The Stall Heat thermistors must see temperatures greater than 125° F or less than 66° F +/- 2 degrees (51.6° C or less than 18.8° C, +/- 2 degrees) for more than 30 seconds before the STALL HEAT CAS message is displayed when either the Stall Heat switch in ON, or the circuit breaker is pulled.
- C. If the STALL HEAT CAS message stays on, do the following steps.
  - (1) Make sure that the thermistors are stacked in the appropriate order. Refer to Figure 103.
  - (2) Make sure that the thermistors are installed as far forward on the heating elements as possible.
  - (3) Add a drop of Dow Corning DC 340 Heat Sink Compound between the two thermostats.

Figure 101 : Sheet 1 : Stall Warning System Troubleshooting Chart

A11612

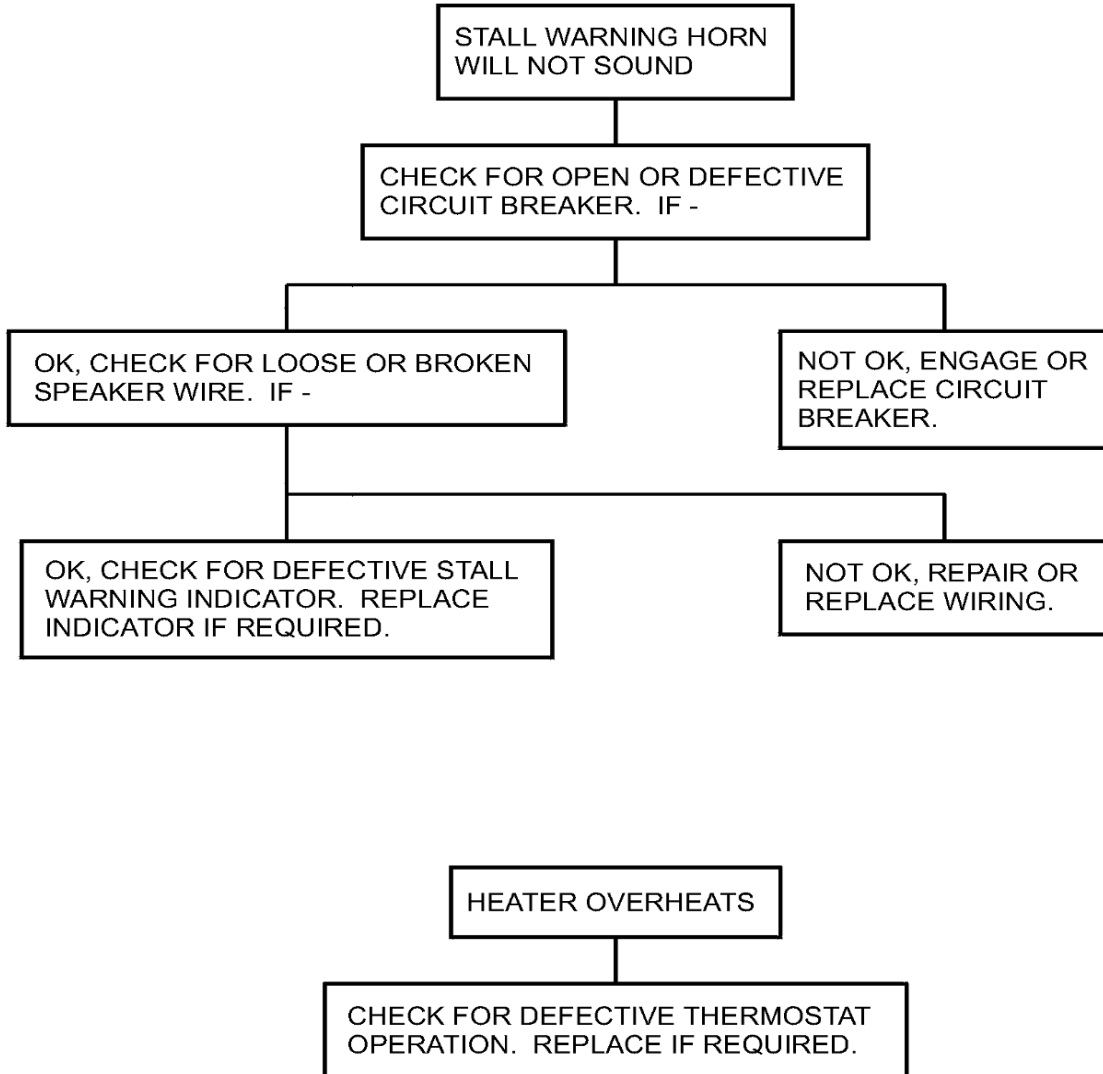
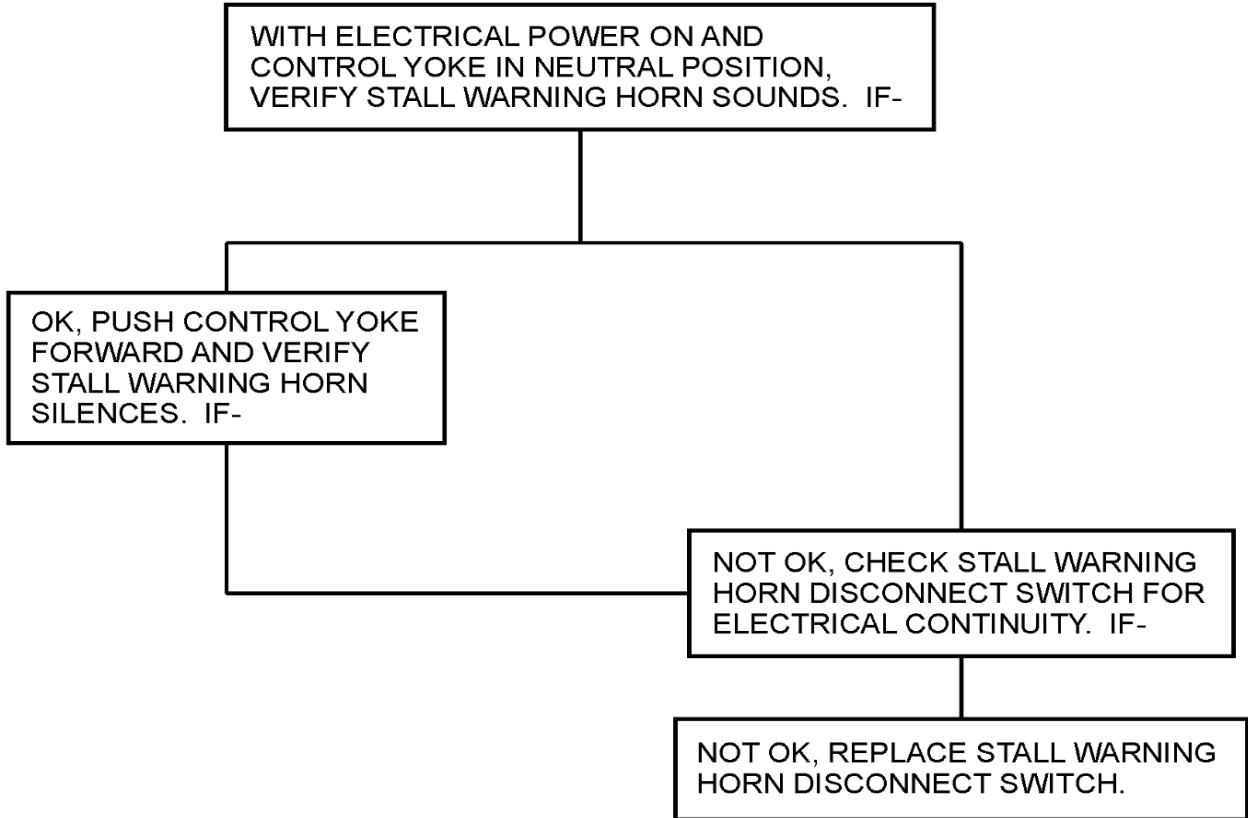


Figure 102 : Sheet 1 : Stall Warning Horn Disconnect Switch Troubleshooting Chart

A21421

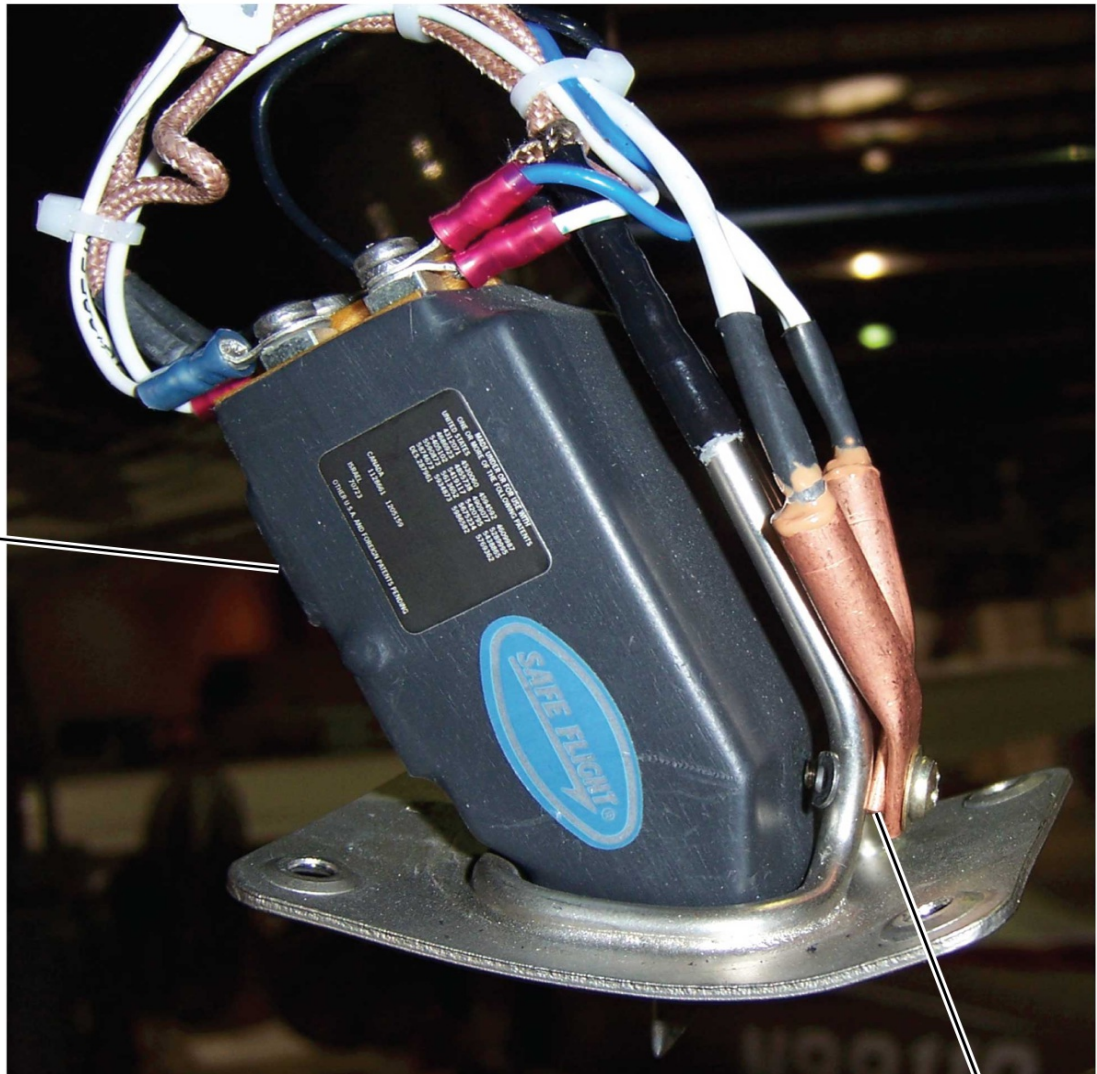


**NOTE:** STALL WARNING SYSTEM TROUBLE SHOOTING CHART MUST BE ACCOMPLISHED PRIOR TO THIS.

AIRPLANES 20800316 AND ON AND 208B0800 AND ON AND AIRPLANES 20800001 THRU 20800315 AND 208B0001 THRU 208B0799 INCORPORATING CAB00-1

Figure 103 : Sheet 1 : Application of Heat Sink Compound

A98682



LIFT  
TRANSDUCER

NOTE

**NOTE:** PLACE HEAT SINK  
COMPOUND BETWEEN  
PROBES.