

## SERVICE BULLETIN

### PITTS SPECIAL

DATE: 29th March, 1996

SERVICE BULLETIN NO.23

SUBJECT: Control Stick  
P.N. 2-5110-001

1. EFFECTIVITY

Pitts S-2A

2. PURPOSE

To inspect the front and rear control sticks for cracks. Control sticks found to be cracked or modified must be replaced before further flight.

3. BACKGROUND

In January, 1996 the rear control stick of a Pitts S-2A was found to have fractured in flight. The origin of the fracture was fatigue cracking at the upper weld above the pivot bearing. This stick had also been modified with a hole on the side of the stick for electrical wiring. Modifications such as this are not approved by the factory.

Control sticks on other model Pitts airplanes are made from thicker material so the inspection is limited to the S-2A. The affected sticks may be identified by the part number or by the tube wall thickness of 0.035".

4. COMPLIANCE

Mandatory.

- A. Inspection - Special inspections are only required for airplanes with TIS in excess of 1000 hours and which are fitted with control sticks P.N. 2-5110-001. The initial inspection shall be accomplished within the next 10 hours of operation or one month, whichever occurs first. Subsequent inspections shall be performed at intervals of 50 hours TIS unless the control sticks are replaced by P.N. 2-5110-026.