

Smoking Airplanes®
Smoke System Kits



And VCAS™

(Visual Collision Avoidance System)

www.smokingairplanes.com / john@smokingairplanes.com

4021 Stetson Ave. -- Rosamond, CA 93560 • 661-713-9050

MANDATORY SERVICE BULLETIN

NUMBER: SB-06-001

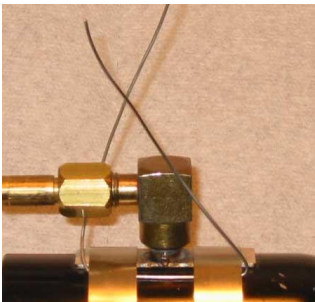
DATE ISSUED: September 16, 2006

APPLIES TO: ALL Smoking Airplanes Injectors

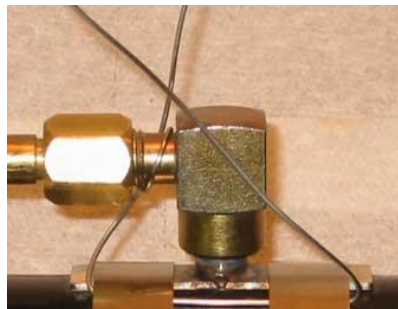
Synopsis: There have been two (2) reported weld failures of the injector assembly where the injector body is welded to the injector mounting plate. Displacement of the injector could cause fire from hot exhaust gasses, fire from spraying smoke oil within the engine compartment and carbon monoxide poisoning.

Required Action: **Immediately and/or before your next flight**, install the “safety wire” supplied per the instructions. The safety wire will keep the injector clamps from vibrating off of the injector mounting plate and will keep the injector body from falling out of its mounting hole should the weld fail. Inspect the weld for cracks. Weld or order a replacement injector if cracks or failure are found.

Please forward this Service Bulletin and material to the new owner if aircraft was sold or otherwise transferred (or contact Smoking Airplanes with transfer info).



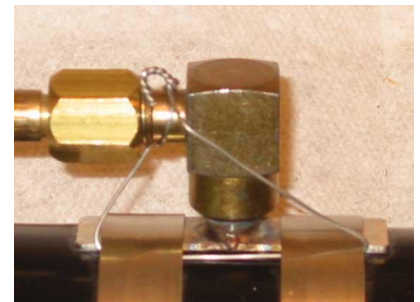
PIC 1



PIC 2



PIC 3



PIC 4

Instructions: Insert the piece of safety wire provided through/under the injector clamps as shown so an equal amount is protruding from each clamp (PIC 1). Make sure you have one wire on each side of the injector fitting (front and rear) then bend each wire toward the center (PIC 1). Wrap the closest wire to the threaded shaft portion of the fitting that the stainless steel braided hose attaches to one complete turn (PIC 2, the wires should end up on opposite sides of the fitting again). Use safety wire pliers (or regular pliers) to twist the wire ends together (PIC 3). Cut the remaining wires after the twist and “pig tail” or bend the twist downward so you won’t scratch yourself next time you work on your aircraft (PIC 4).

Add this information to the INSTRUCTIONS FOR CONTINUED AIRWORTHINESS in your INSTALLATION AND OPERATION INSTRUCTION MANUAL:

8. Inspect injector and stainless steel braided hose for wear, blockage, tightness of clamps/hose, weld cracking, and ensure safety wire is in place and secure.
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