

**Smoking Airplanes®
Smoke System Kits**



And VCAS™

(Visual Collision Avoidance System)

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SERVICE BULLETIN

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APPLIES TO: All Smoking Airplanes Smoke System Kits Prior to Invoice No.1254.
(All kits shipped after No. 1254 are equipped with aluminum fittings)

Synopsis: There have been three reports of the oil pump white 90 degree “quick disconnect” wing fitting cracking. In two of the cases the crack went unnoticed until oil sprayed into the fuselage. Initial and subsequent testing of the fitting indicated that the fitting failed only under adverse condition such as over stress by means of pulling on the black oil pressure hose, hitting it with a hard object or attempting to “re-clock” the fitting without loosening it first.

Required Action: Immediately and/or before each use of the smoke system, examine the fitting for cracks and remove from service if a crack is found.

If you would like to replace the plastic fittings on your smoke system with aluminum fittings, visit www.smokingairplanes.com and click on the “OIL PUMP PLASTIC FITTING UPGRADE KIT” link to order.



PARTS LIST

- 2 - 90 DEGREE ALUMINUM AN FITTINGS
- 1 - STRAIGHT ALUMINUM AN FITTING (WHEN APPLICABLE TO KIT)
- 2- AEROQUIP 471 FITTINGS (ASSEMBLED ON OIL MIXTURE VALVE ASSEMBLY AND SUCTION HOSE)
- 1 - AEROQUIP 471 FITTING PLUG (PLUGS OIL MIXTURE VALVE WHEN SYSTEM IS REMOVED FROM AIRCRAFT)
- 3 - PIECES OF AEROQUIP 306-6 HOSE (REPLACES ALL ORANGE SILICONE HOSE)
- 3 - WORM DRIVE HOSE CLAMPS
- 1 - 1/4" NPT X 3/8" BARB NYLON FITTING (ASSEMBLED FOR CONNECTION TO OIL MIXTURE VALVE)
- 1 - 1/4" NPT X 1/4" BARB NYLON FITTING (USE THIS FITTING OR YOUR EXISTING 90 DEGREE FITTING)
- 1 - AN CAP (CAPS AN FITTING ON OIL PUMP WHEN SYSTEM IS REMOVED FROM AIRCRAFT)

NOTE: ALL PARTS ARE PRE-ASSEMBLED AS SHOWN ABOVE OIL PUMP, OIL MIXTURE VALVE AND OIL FILTER NOT INCLUDED.

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