

Service Bulletin

DATE: 6-17-91

SERVICE BULLETIN NO. 9
ENGINEERING ASPECTS ARE FAA APPROVED

SUBJECT: Engine carburetor air intake box

MODELS AFFECTED: Christen A-1 Husky Aircraft, S/N's 1001 thru 1045

TIME OF COMPLIANCE: Immediate

There have been several reported failures of the valves on Univair air intake boxes installed on earlier Christen A-1 Husky aircraft. These Univair air intake boxes were incorporated on the first 45 production Husky aircraft.

In order to preclude further valve failures with the consequent potential for a forced landing due to engine failure, the following must be accomplished immediately:

- 1.) Inspect the intake box for evidence of cracking on the welds attaching the valve to the valve shaft, the welds on the shaft bearings, and the shaft and actuating arm for evidence of cracking and wear.
- 2.) If any problems with the above are discovered, suitable repairs must be accomplished before further flight.
- 3.) Within the next 25 hours replace the Univair air intake box with an interchangeable Christen air intake box P/N 35453. These boxes are obtainable on an exchange basis and can be obtained by contacting:

Aviat, Inc
P.O. Box 1149
Afton, Wyoming 83110

Phone: (307) 886-3151 Attn: Verdean Heiner

When installing the new Christen air intake box, care should be taken to insure that there is at least 4" clearance between the actuating arm and the side of the air intake scoop and that the box and intake screen fit properly at the forward end of the scoop.