



SERVICE BULLETIN

No. 0003

Cub Crafters, Inc. Considers Compliance Mandatory September 20, 2004

- Subject:** PA 18 aircraft with 24-gallon fuel tanks installed IAW STC #SA02171AK
- Models Affected:** All PA18 series aircraft with STC #SA02171AK installed by Cub Crafters, Inc. Only those aircraft with fuel tanks manufactured prior to June 2003 are affected. These 24-gallon tanks were manufactured by Dakota Cub, and installed both in Top Cubs manufactured by Cub Crafters Inc, and Piper Super Cubs rebuilt or modified by Cub Crafters, Inc.
- Compliance Time :** Immediately
- Purpose:**
1. To prevent tanks from developing leaks.
 2. To prevent in-flight fires.
- Instructions:**
- Prior to the next flight and before each flight:** Look for signs of fuel leaks by inspecting the bottom of the wing near the fuel tank drains. If tanks are determined to be manufactured prior to June of 2003, remove the tanks and return them to Dakota Cub for re-welding.
- At next scheduled maintenance:** Determine whether your tanks were manufactured prior to June of 2003. Call Cub Crafters or Dakota Cub for help in making the determination prior to removing tanks. If necessary remove fuel tanks and return them to Dakota Cub or to Cub Crafters for exchange or re-welding.
- Effective Date:** This Service Bulletin is effective September 20, 2004
- Summary:** Please contact Cub Crafters, Inc. or Dakota Cub at (605) 757-6628 for assistance in determining the manufacture date and shipping arrangements for these tanks.
- Discussion:** Numerous instances of fuel leaks and tanks cracking have been reported primarily in the welded seams in these tanks. The tanks can crack and lose a significant amount of fuel in a short amount of time. Dakota Cub will re-weld the tanks using a new weld spec. that strengthens the welded seams.
- Cost:** There is no charge for the re-welding of these tanks by Dakota Cub. Cub Crafters will remove and re-install the tanks at no charge if the work is done in our facility. Please call ahead for scheduling considerations.
- NOTE:** If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify Cub Crafters, Inc. of the address and ownership corrections. Changes may be directed to Cub Crafters, Inc. PO Box 9823, Yakima, WA 98909 and should include the aircraft registration number, aircraft serial number, current name and address of owner/operator.