



## SAFETY ALERT SA0005

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### Cub Crafters, Inc. Considers Compliance Mandatory

- EFFECTIVE DATE:** This SAFETY ALERT is effective November 08, 2007
- SUBJECT:** Front Seat Rigidity Loss
- MODELS AFFECTED:** CC11-100 S/N CC11-00001 thru S/N CC11-00053 AND S/N CC11-00055
- COMPLIANCE TIME:** Prior to Next Flight
- PURPOSE:** Engineering analysis and empirical data has shown that the front seat of Sport Cub Aircraft with a certain model seat can lose the rigidity of the back when a large amount of force (in excess of 350 lbs) is applied to the top of it. The seat will flex backward two or three inches in normal operation. However, when excess force is applied in the affected seats, the seat flange can buckle and allow the seat to bend backward an excessive amount.

#### DETERMINATION:

1. Pull back the cover in the area shown in Figure 1.
2. Measure the thickness of the composite seat as shown in Figure 2. This measurement is to be taken 1.5" from the edge of the seat flange. Measure both left and right sides of the seat. This measurement should be taken with vernier calipers, a micrometer or a similar instrument.
3. Send these measurements to Customer Service at Cub Crafters (email: [support@cubcrafters.com](mailto:support@cubcrafters.com), call toll free: 1-877-484-7865).
  - a. If either measurement is less than 0.40" (affected seats will probably be between 0.22" and 0.28"), Cub Crafters Services will send a reinforcement kit with installation instructions. You must not fly your airplane until the reinforcement kit has been installed.
  - b. If both measurements are 0.40" or greater, enter the following into your log book: "Safety Alert SA0005 has been complied with and inspection results reported to Cub Crafters Customer Support" and you may continue flying your airplane. Please report dimensions to Cub Crafters in either situation.

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Figure 1

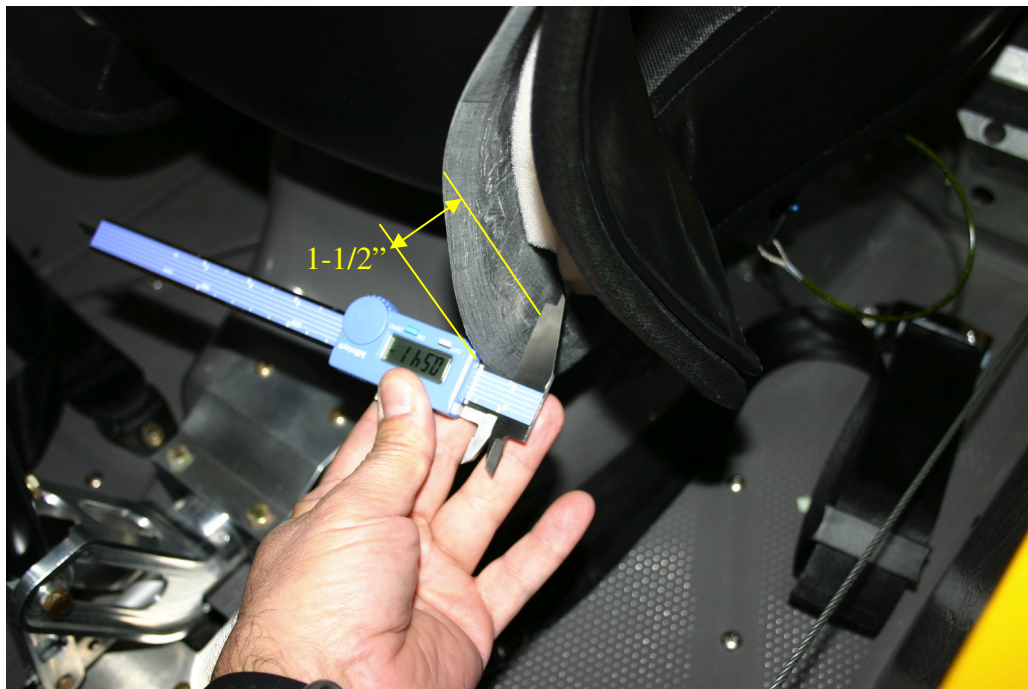


Figure 2



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**NOTE:**

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator. Notify Cub Crafters, Inc. of the current owner's address. Contact the customer service department at:

Cub Crafters, Inc.  
1918 S. 16th Avenue  
Yakima, WA 98903

Toll Free Number: (877) 484-7865

or e-mail [support@cubcrafters.com](mailto:support@cubcrafters.com)

Please include the aircraft registration number, serial number, and the name and address of the current owner/operator.