

October 15, 1997

Subject: Carburetor / Air intake box bolts

Affected Models: Aircraft CH 2000
Serial No. 20-002 to 20-0035

Compliance Time: Before the next flight

The air intake box may have been installed to the carburetor with bolts which are too long. This may have caused the cracking or separation of the "caps" within the carburetor. Following action will show the problem, and remedy if applicable:

- 1) Remove the safety, and the bolts attaching the airbox to the carburetor.
- 2) Check the length of the bolt shanks:
 - If they are maximum 1/2": reinstall and safetie.
 - If they are longer than 1/2", disconnect the throttle and mixture controls and remove the carburetor from the engine.
- 3) Open the carburetor (careful not to damage the seal) and inspect for cracked or broken off caps of the two rear airbox attachments. If no cracks or broken off caps, reassemble the carburetor, reinstall it on the engine. Hook up the controls, reconnect the airbox with AN-74-4-3 or equivalent bolts. (Maximum shank length of 1/2") and safety all connections and bolts.
 - If the caps are cracked or broken off, replace the bowl (part # 10-5055 for carburetor model MA-3PA) or repair it to an airworthy condition (such as welding by an approved shop). Then reinstall as per above.

For additional information contact Zenair Ltd., Mathieu Heintz