


MOD/187/004

PFA CLASSIFICATION A

PFA Approval: 

Date: 31/1/06



PFA AIRWORTHINESS INFORMATION

ZENAIR 701 FUEL COCKS

Applicability:

Zenair 701. All Variants, all serial numbers.

Summary:

It has been identified that fuel cocks fitted to certain Zenair CH701 aircraft are not provided with effective stops or detents compliant with normal airworthiness requirements, although recent kits are supplied with Andair fuel cocks which do meet the requirements. This bulletin mandates replacement of any non-compliant fuel cock with the later Andair model.

Compliance by:

Within 5 flying hours of this bulletin issue date.

Actions required

Operate the fuel cock and ensure that there are either stops, or adequate detents, at each position of the selector valve. If not, carry out the following actions :-

1. Drain the fuel tank system into a clean container whilst observing safety precautions against fire and spillage.
2. Replace the fuel cock with an ANDAIR FS20 series component to suit the installation.
3. Conduct a fuel flow check to confirm that there is an adequate flow after fitment and record the results. Refer to the engine manufacturers figures for the requirements. For a pump fed system, the flow rate must exceed 125% of the maximum engine demand.
4. Check for correct function and placarding in the correct sense.

Certification Requirements

Any work carried out must be checked by a suitably approved PFA inspector before flight. An Airframe logbook entry is to be raised and signed by the inspector confirming compliance with PFA Airworthiness Information MOD/187/004, as applicable.

Classification A :- An inspection or modification considered mandatory by the PFA.
Classification B :- An inspection or modification recommended by the PFA.
Classification C :- Material published for information and guidance.

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