

RAANZ admin

From: "Paul Parsons" <minicabzkczt@yahoo.com.au>
Date: Tuesday, 6 October 2015 9:57 PM
To: "RAANZ Admin" <office@raanz.org.nz>
Subject: Fw: Foxcon 200. (photos)

This email is to alert your members that a serious aileron fault has been found in a FOXCON 200 that could lead to their ailerons jamming [with fatal consequences]. I recommend that they all be grounded until FULL and THOROUGH inspection be carried out and appropriate rectification of any problem[s] found. From discussions it appears that aileron "snatch" has occurred in other Foxcon aircraft. This is where there is an abrupt excessive amount of aileron movement that is most likely the result of partial binding of the aileron bell crank releasing after the application of the extra pressure required to move the partially binding bell crank releasing resulting in effectively creating a sharp control in put.

Paul.

Sent: Sunday, 4 October 2015, 17:48
Subject: Foxconn 200. (photos)

- (1) Loose upper bell crank and fractured f/glass mounting box and poor quality f/glass work.
- (2) Hole worn in f/glass box and distorted bell crank arms.
- (3) No.2 from a different angle. Note the rivets with some piece missing - I have no idea what it was.
- (4) Different view of loose bellcrank and fractured f/glass box.
- (5) Another view as in (4).

Subject: Foxcon 200 maintenance

- [1] The owner of a Foxcon 200 and his maintenance engineer asked if I would re inspect the stbd aileron fulcrum with them as they thought there was too much play in it.
- [2] I consider both the upper and lower bushings/bearings were excessively worn [3] I have been asked to help rectify the problem.
- [4] My query is what is the correct procedure for removing the bell crank and what parts are available for this repair ? I consider the port fulcrum also has excessive wear and have recommended that it also be serviced.
- [5] During our discussion they both said that in their experience when the ailerons on the Foxcon 200's here in NZ are applied they seemed to "snatch" rather than operate smoothly.

Your comments on these matters please.

P.R.Parsons. 021 399499

