

Enclosure No 2  
to  
Bulletin No BO-18/2011 MDM-1 „FOX”

**INSPECTION INSTRUCTION**

**BELL-CRANK CONSOLE WITH ITS INSTALLATION  
(AILERON CONTROL CIRCUIT)**

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## 1 EQUIPMENT REQUIRED

The following equipment will be necessary to verify the condition of the console and its installation in the wing:

No.	Item	Amount
1	Inspection mirror (width/ diameter : max. 55mm)	1 pc.
2	Torch	1 pc.
3	Flat-blade screwdriver	1 pc.
4	Workshop Stands	2 pcs.



Figure 1. Inspection mirror and torch.

## 2 Inspection effort.

1. Disassembly and assembly of the wings– according to Technical Service Manual, total time 0,5h
2. Verification of the console housing– 0,5h / 2 persons

### 3 Verification procedure

Verification is to be done on the left and right wing. The procedure below shows an inspection example on the right hand wing panel.

- 3.1 Disassemble the wing in accordance with Technical Service Manual.
- 3.2 Rotate the wing so that the bottom surface is on top and place the wing on workshop stands.
- 3.3 Remove the cover of inspection opening
- 3.4 Slide inspection mirror into inspection opening and lighten the wing interior with a torch - see Figure 2.

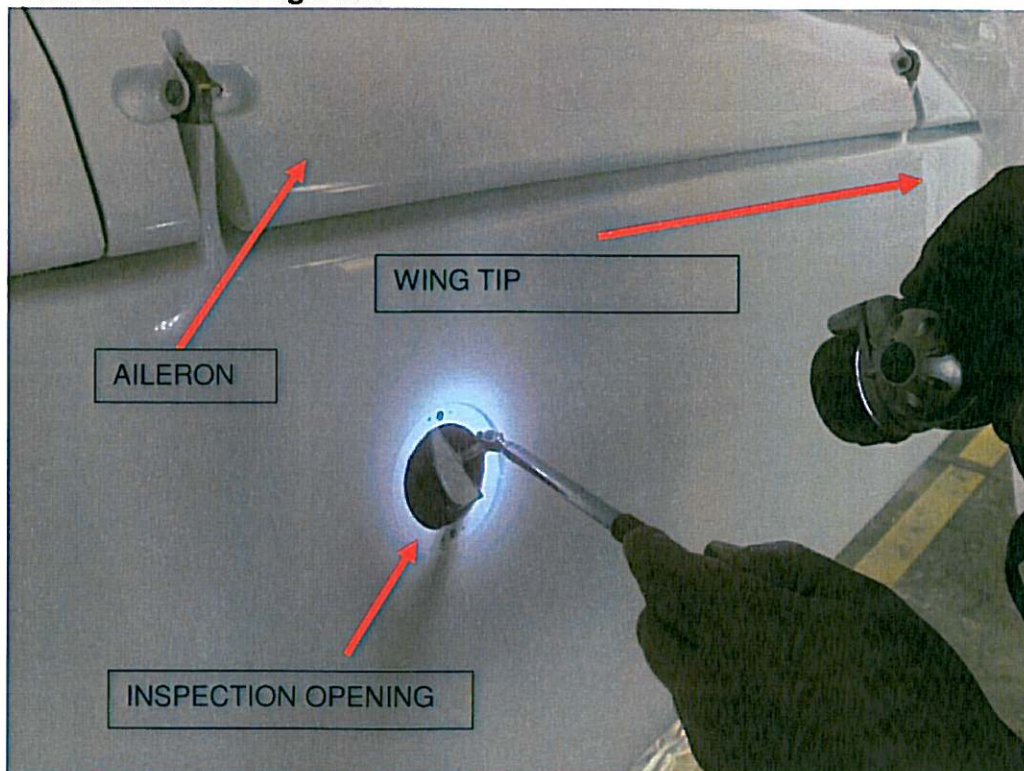


Figure 2. Location of console & installation verification - right wing.

**3.5 Adjust mirror position and point the flashlight in a way to see console lever aileron control circuit, as in Figure 3.**

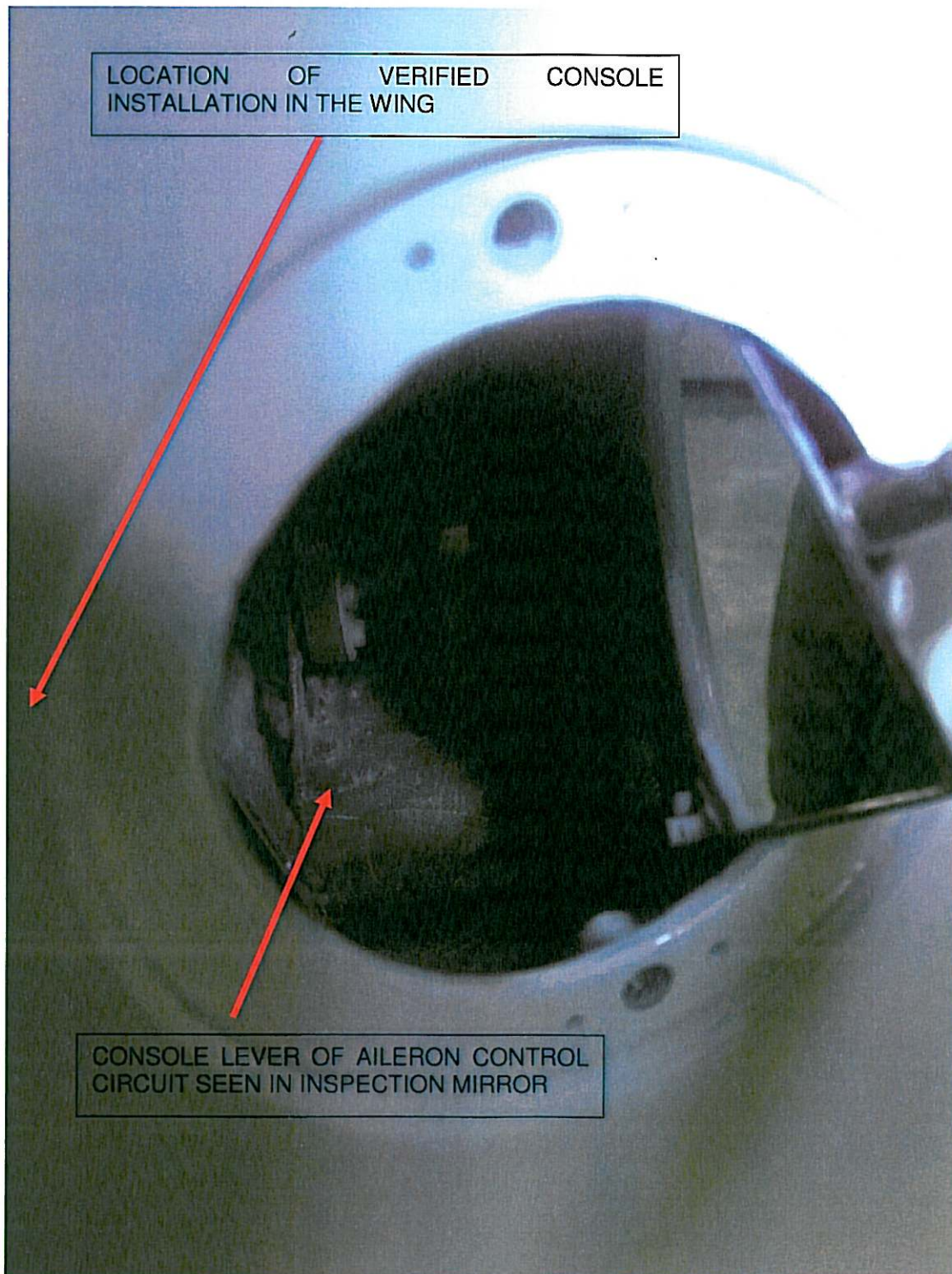


Figure 3. View of the console of aileron control circuit in inspection mirror.

- 3.6 Visually inspect the condition of installed console. (Pay special attention to the area of console mounting to wing components). At the same time the other person can deflect aileron over the full range, which facilitates the assessment of console installation condition. Check, in which position of aileron the lever of aileron control circuit covers console least possible - Figure 4 illustrates a view of the lever in inspection mirror.**

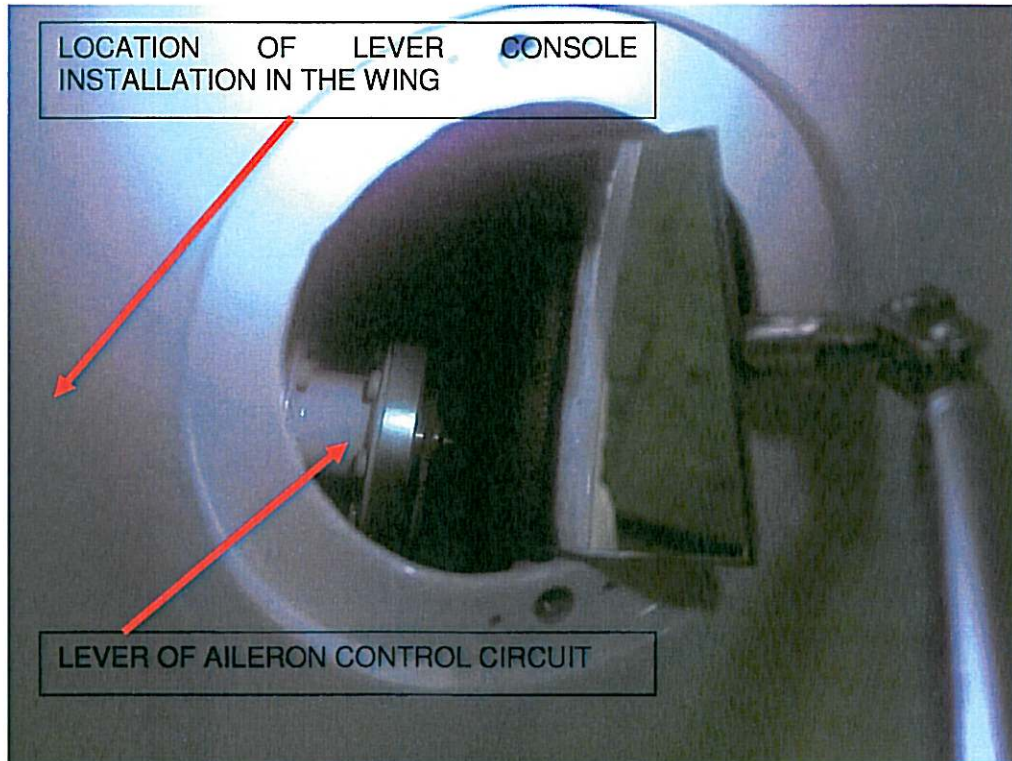


Figure 4. View of lever of aileron control system in inspection mirror.

- 3.7 In case of identified defects to the console mount (cracks, change in colour etc.) immediately stop operation of affected glider until repair of the damage. For the repair procedure - contact Producer.**
- 3.8 If no defects have been found, mount the cover of inspection opening back and assembly the wing in accordance with Technical Service Manual.**