

**Check the Wirings connections as per WKI**

**Does this solve the problem?**

1] Yes

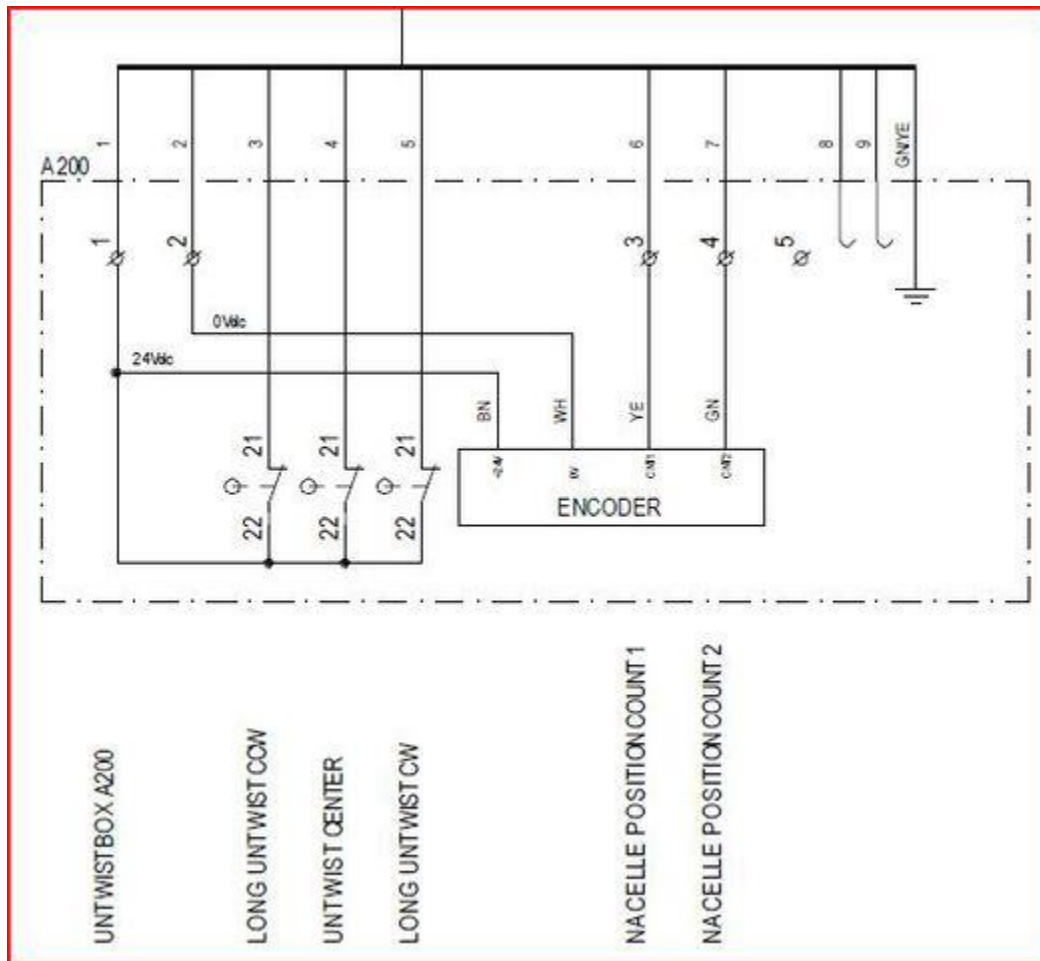
2] No

3] I don't know

- **Explanation**

**IN THE NACELLE +AN13 box**

Check the connections in the yaw box inside the terminals and AN13 box.





### **Replace the yaw box**

**Does this solve the problem?**

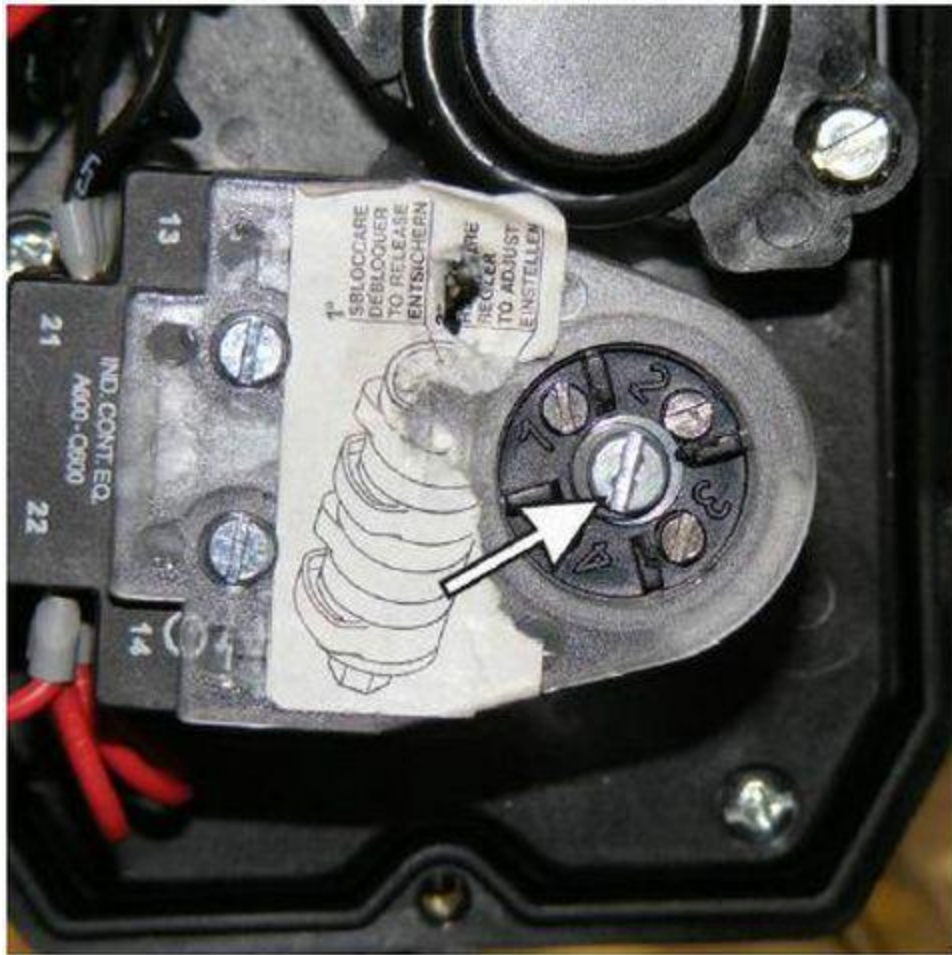
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

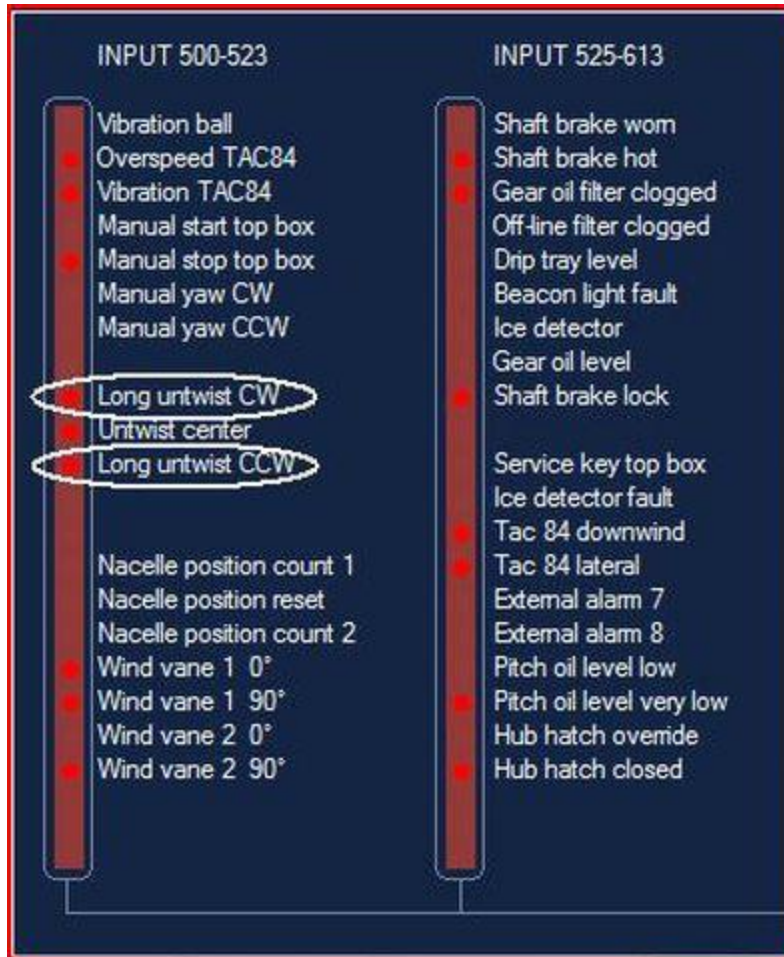
#### **IN THE NACELLE:**

Under normal conditions when the yaw box limit switch "untwist CW" is activated, the signal should be deactivated. If not, the cam for the micro switch could be loose or misadjusted or there is a mechanical or electrical defect in the micro switch.

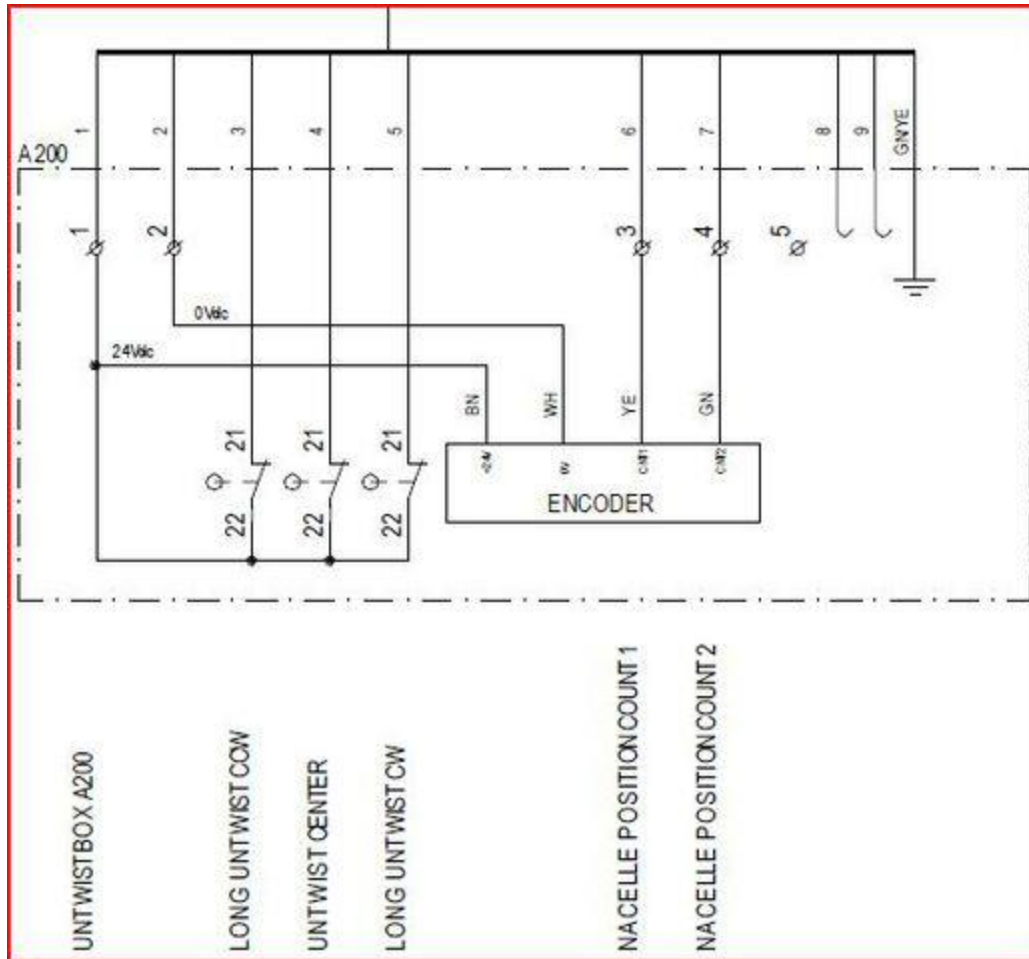
Check the tightness of the adjustment screw of the cam and that the tumbler fastening screw is tightened per the WKI.



Check the limit switch signal in the Nacelle TOI.



Check the wiring in the yaw box and AN13 box for any loose connections. Adjust the cam according to the WKI.



#### **Part Number Details:**

##### **Yaw box with cable:**

60019372 YAW BOX W ENCODER RESET SEN

##### **Yaw box without cable:**

60009234 YAW SENSOR

##### **Yaw box encoder:**

60106432 ENCODER SCANCON

Check the yaw box settings and perform cam adjustment. Refer to [0000-9925](#) Commissioning Instruction Section 5.14.3.

Adjusting the Yaw Twist Box per SWI [0004-4426](#).





Check the power cable when the nacelle has rotated to the maximum cable twist. If required, manually operate the yaw system and return the nacelle to zero manually.



### **Replace the defect Nacelle TOI Unit**

**Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

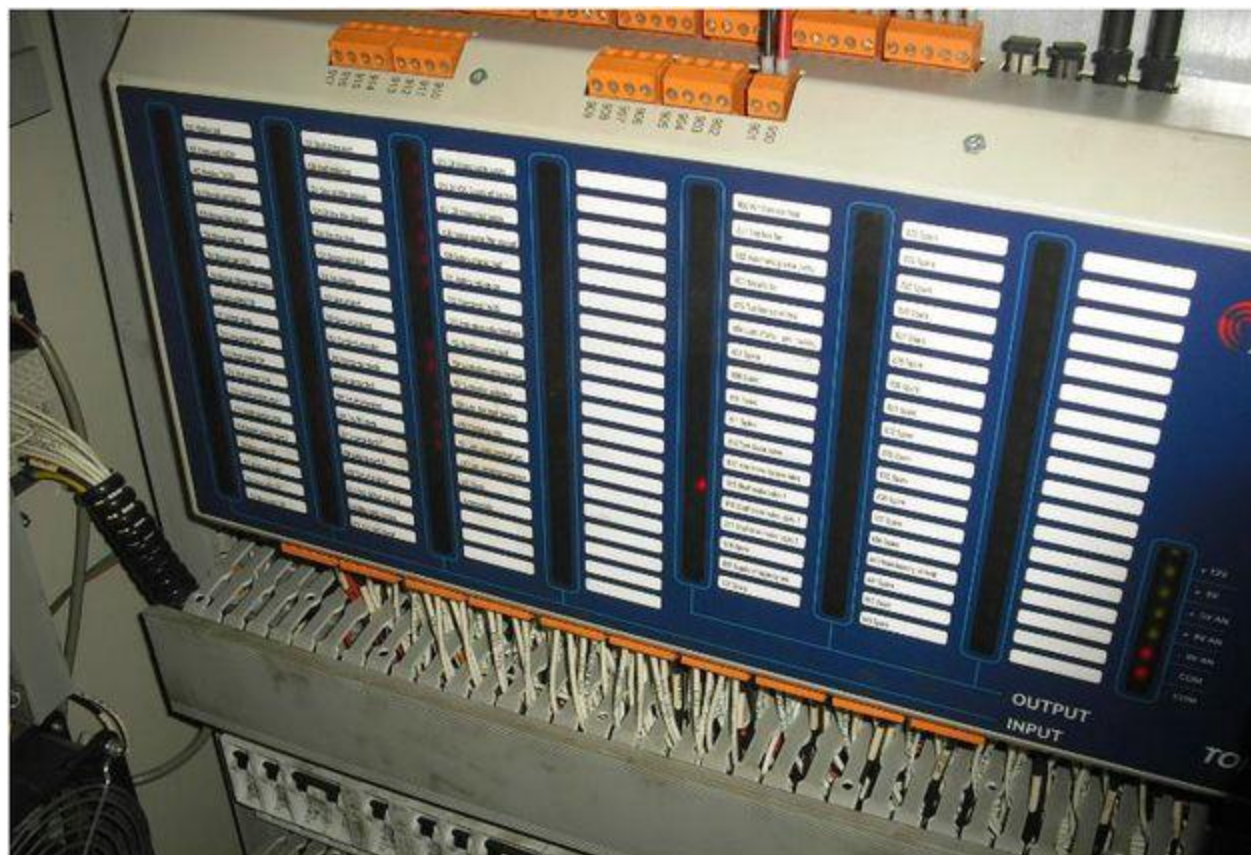
- **Explanation**

#### **IN THE AN1 CABINET:**

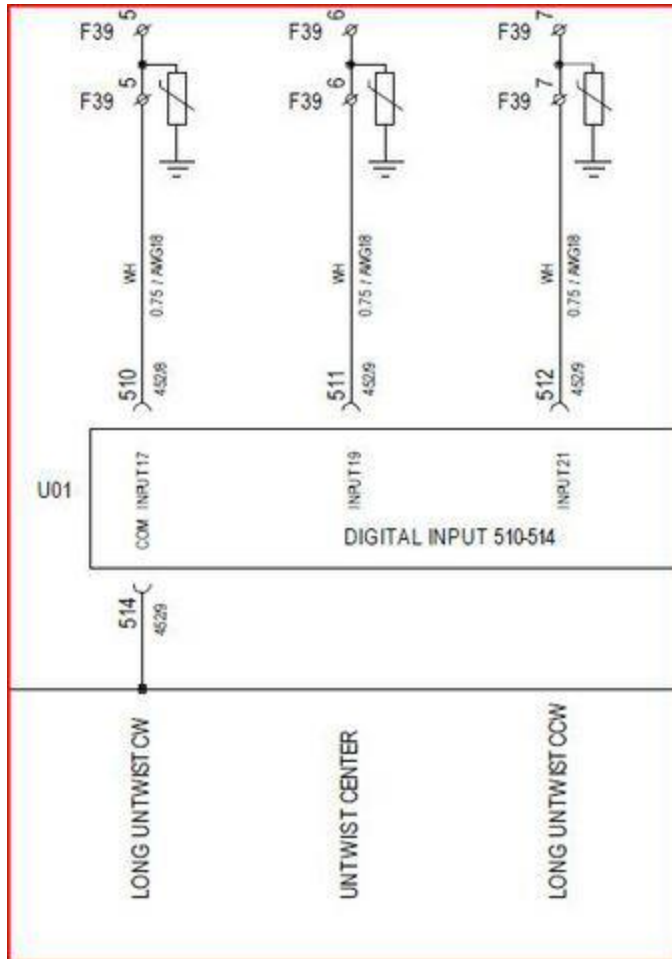
Check the TOI input connection 510, 511, 512,  
If the signal is absence, check the connections from the yaw box.  
If the signal is present, then the cause is likely a faulty Nacelle TOI.

#### **Nacelle TOI part Number:**

51701601 TOI-II INTERF EXT POC







**Replace the new yaw wheel**

**Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

**IN THE NACELLE:**

Check the yaw reader wheel which is connected in the yaw box

**PWI-** Yaw box assembly: **DMS : [1001465](#)**

**Drawing:** Yaw box assembly: **DMS : [60109909](#)**

Check the teeth in the remaining yaw gear pinion wheels for any damage.

