

**Replace the defect TAC84 module**

**Does this solve the problem?**

1] Yes

2] No

3] I don't know

- **Explanation**  
**IN THE +AN1 CABINET:**

Vibration sensor and Speed Sensor signals Connected to TAC84.

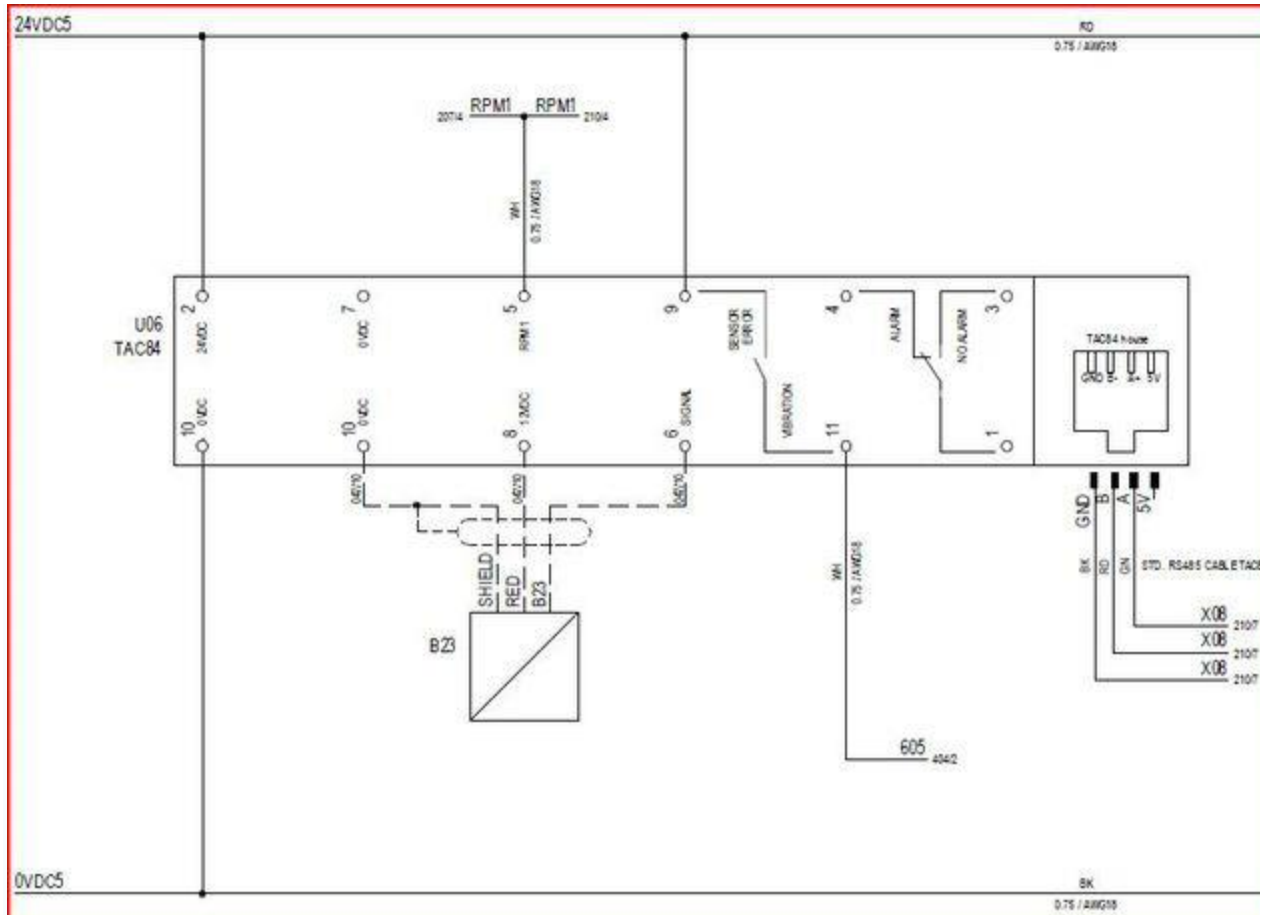
Check the TAC84 module parameters as per instruction

Settings for TAC 84 Edgewise blade vibrations

Relevant documentation	
Description	DMS No.
TAC 84 Edgewise Vibrations Guard setting	<a href="#">17000068</a>
Settings for TAC 84 Tower virb. guard	<a href="#">17000077</a>
TAC 84 Dual Band Filter Program 1002121	<a href="#">4002534</a>



Check the TAC84 - Downwind module for any loose connections.

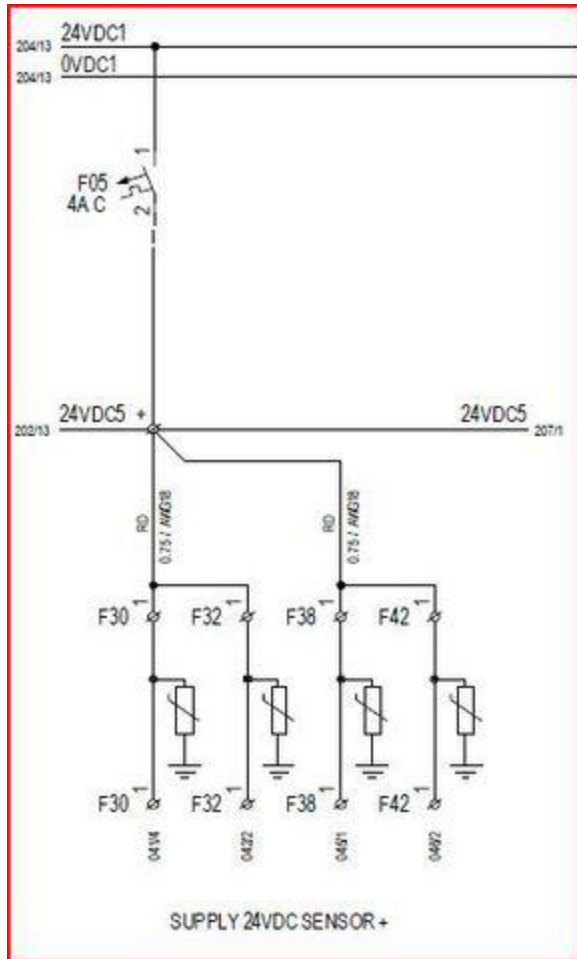




#### Relevant spare parts

Description	Item No
TAC 84C VIB GUARD RS485 NMCS	<a href="#">51700101</a>
PS ADC 5483R-3 10A-27,4 NM PIN	<a href="#">88453</a>

Check the 24VDC5 circuit including power supplies G05 & G06 and F05 circuit breaker in the +AN1.



CIM case: [1390](#)

## Replace the vibration sensor

Does this solve the problem?

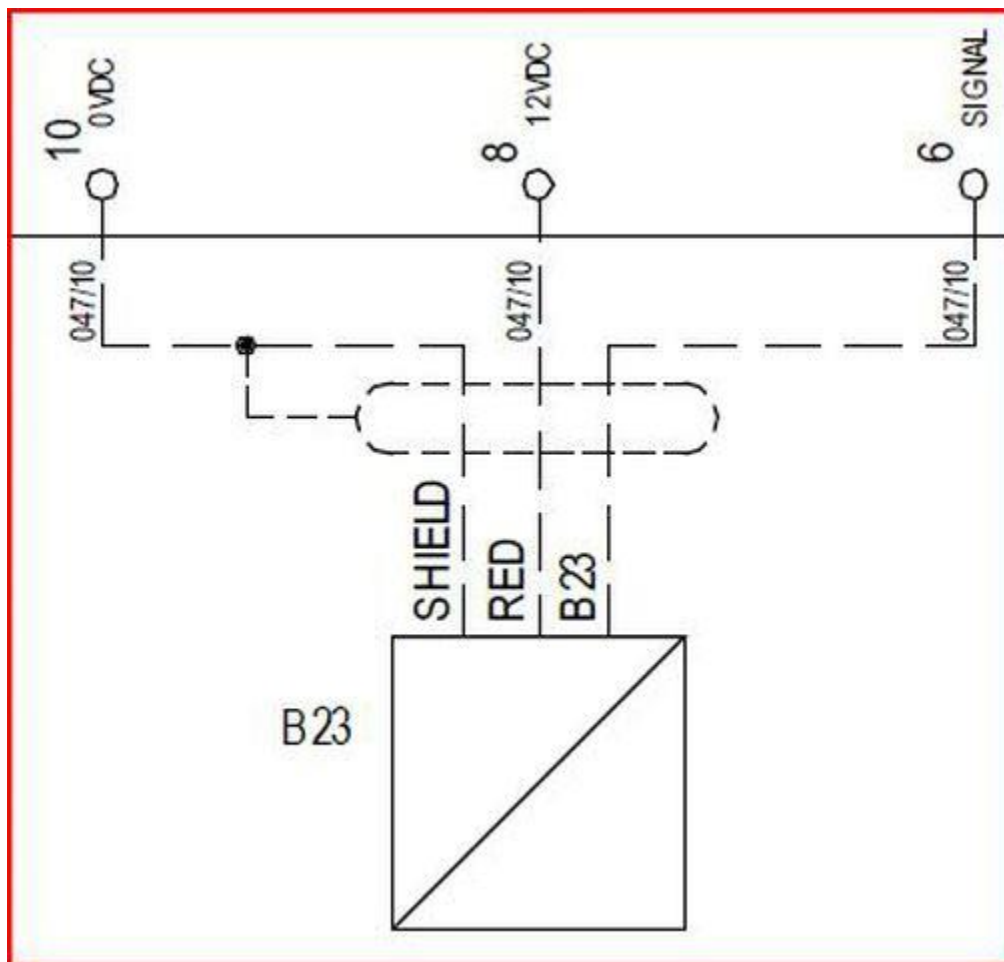
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**  
IN THE NACELLE:

Check the vibration measured properly through TAC84 module.

If found defect replace the vibration sensors

Relevant spare parts	
Description	Item No
VS05E ACCELEROMETER 12M	<a href="#">51700101</a>









**Replace the defective speed sensor**

**Does this solve the problem?**

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

- **Explanation  
IN THE GENERATOR:**

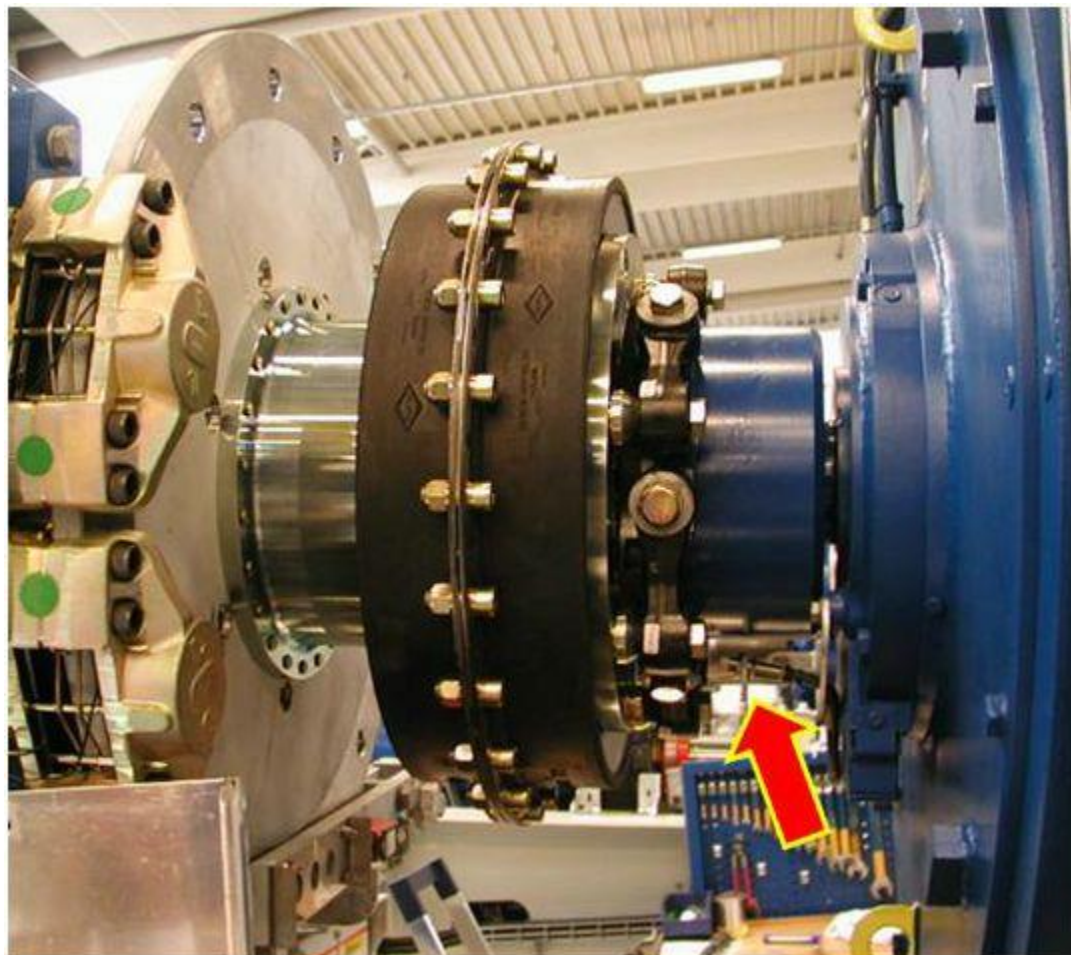
Check the generator speed sensor for any physical damage or dirt.

Check the speed measuring value through TAC84 Module

If found to be defective replace the sensor.



Relevant spare parts	
Description	Item No
PROXI SWITCH I1808PPOS1531 Ø18	<a href="#">60009270</a>



Adjust the distance between the Inductive sensor and the scanning points as per Instalation and service data.

Relevant documentation	
Description	DMS No.

## Replace the defective cooling fan

### Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

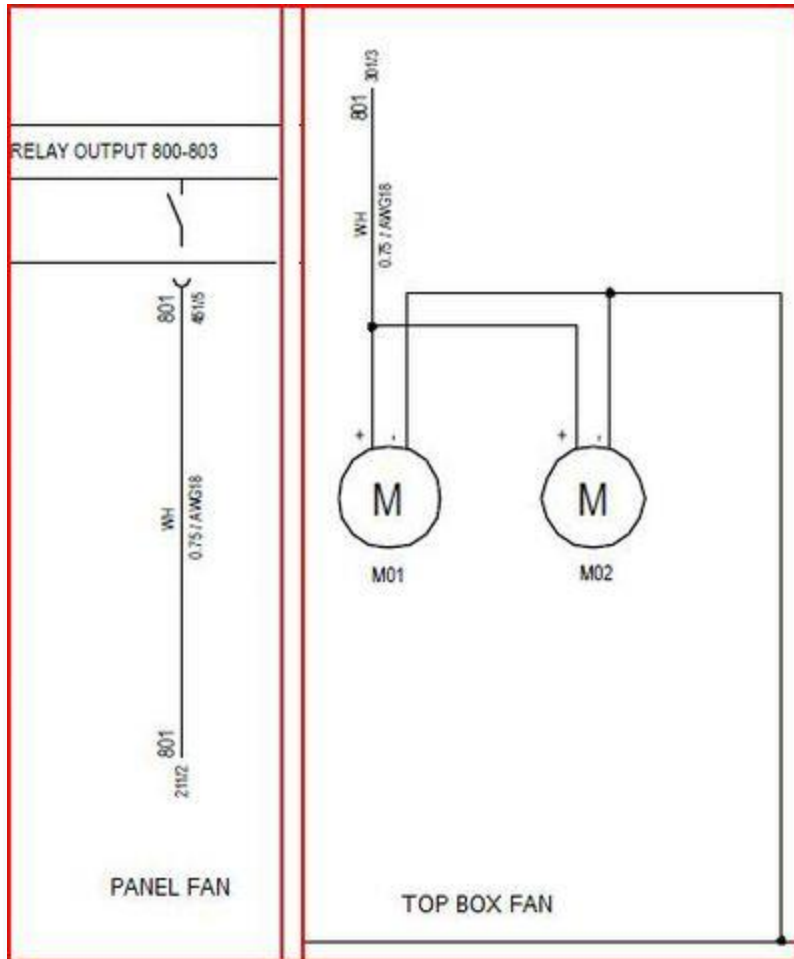
#### IN THE +AN1 CABINET:

Check that the top box cooling fans are working as designed. High temperature in the AN1 cabinet may cause the relay inside the TAC84 module to malfunction.

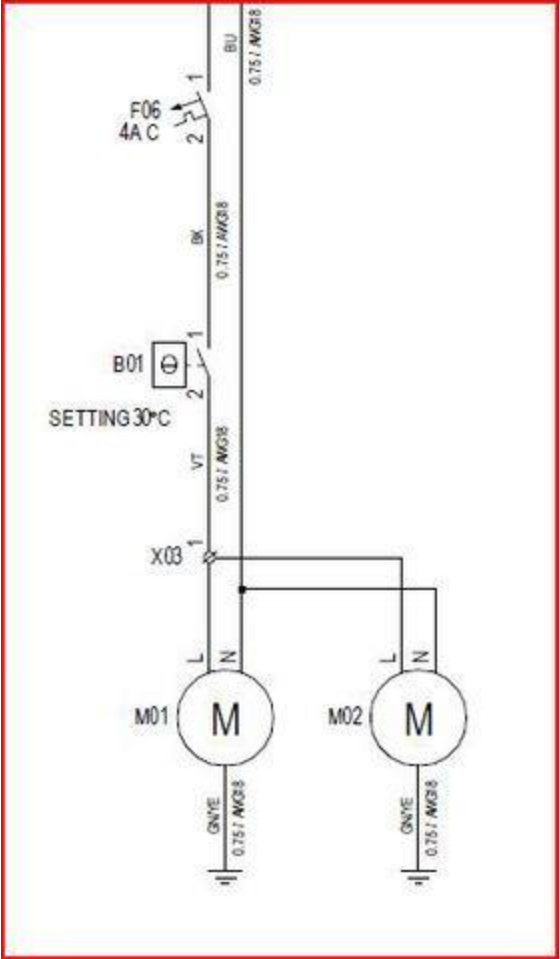
If one or both of the AN1 cooling fans are found to be defective, replace them with new.

Check the heater setting and ensure the set value is @ 30°C.

**MK1 and MK2: (24V DC)**



MK3 and Above (230V)





#### Relevant spare parts

Description	Item No
FAN 55M3/H 24VDC (MK1 &MK2)	<a href="#">60014631</a>
FAN 55M3/H 230V (MK3 and above)	<a href="#">60108632</a>