

97 - Generator jct box air temp high - NM72,NM82,V82



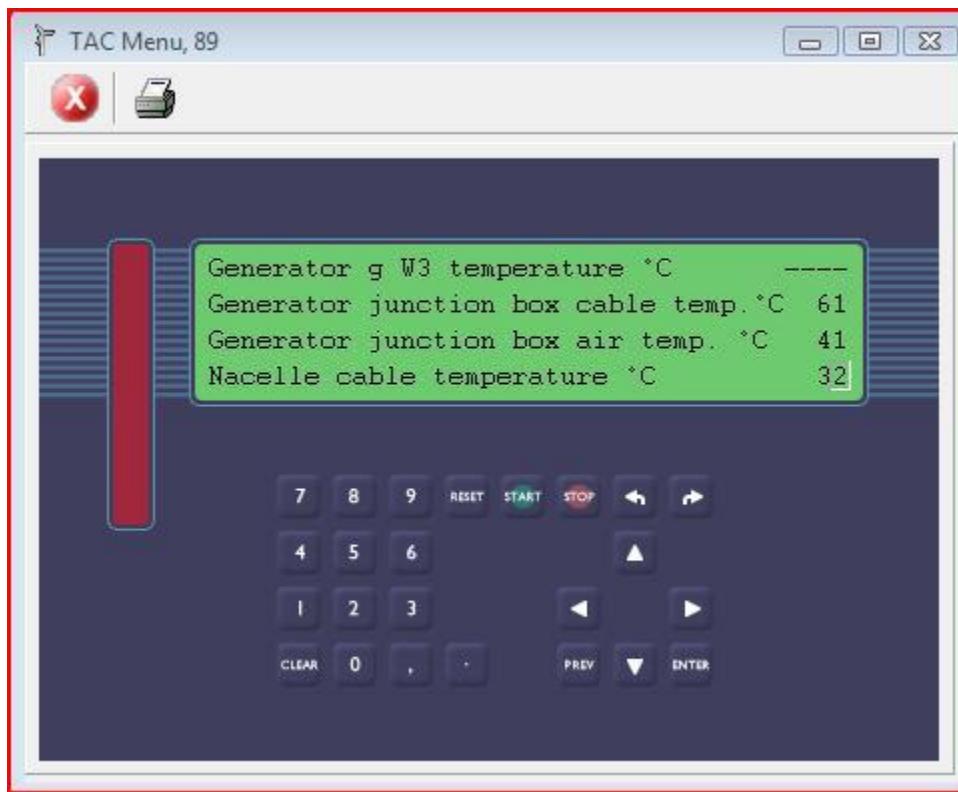
Replace PT100

Does this solve the problem?

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

● [Explanation](#)

Check the TAC computer for the generator junction box temperature. If temperature is unrealistically high (e.g. >205C) then PT100 is defective.



Troubleshoot alarm 96

Does this solve the problem?

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

● [Explanation](#)

Check for occurrences of alarm 96.

Check nacelle, ambient and generator junction box air temperature.

Check all generator temperatures.

Check data-logger signal 140 'generator junction box cable temperature' and 141 'generator junction box air temperature' (Note that even though text is missing in some VOB software versions the signal is present)
Check for proper operation of generator cooling system.

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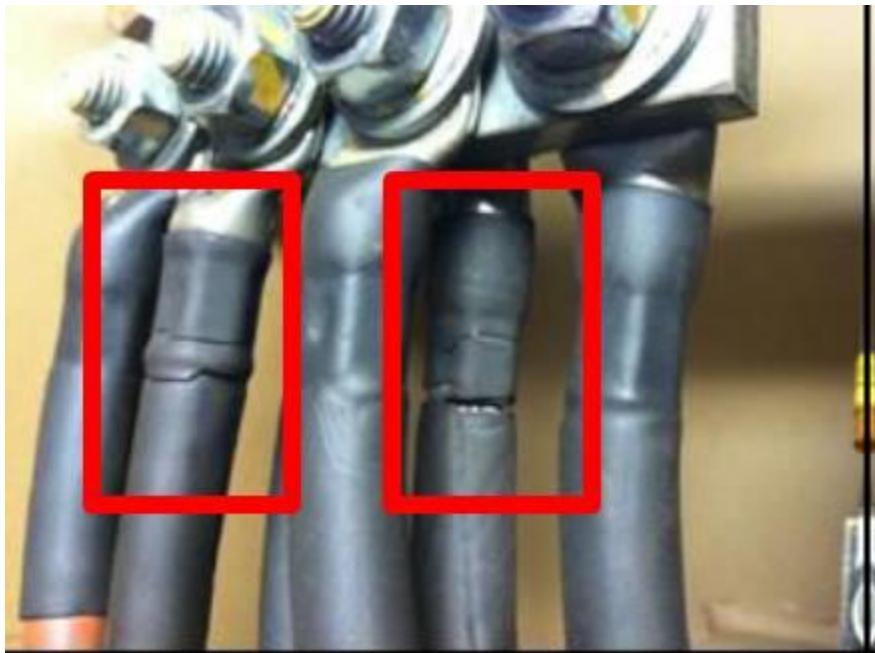
Inspect connections and replace damaged components as necessary.

Does this solve the problem?

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

● Explanation

Remove cover of generator junction box. Inspect for signs of loose connection such as damaged heat shrink or cable lug.



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Is possible, do not assume related to environment, is only expected to occur in extreme ambient conditions or serious problem with the cable temperature.

Does this solve the problem?

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

● Explanation

Continued high production with a high ambient temperature. Check nacelle, ambient and generator junction box air temperature.

Check recent turbine production.

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Correct pt100 connections

Does this solve the problem?

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

● Explanation

Check data-logger signal 140 'generator junction box cable temperature' and 141 'generator junction box air temperature' (Note that even though text is missing in some VOB software versions the signal is present)

If the junction box air temperature is higher than the cable temperature, than is likely that the pt100 wires are terminated incorrectly.