



MF Program Action Item

Action Item Number: 6-55 Date Submitted: 04/30/10 Submitted By: GySgt Gibson

Problem/Project Description:

200KW LOAD BANK, P/N LPH200D35584 (AVTRON)
While running 100kw and 200kw TQG's at 80% to 100% load, the Load Bank overheats and completely shuts down. Extensive troubleshooting found there is not enough amps applied to the LB fan to run at full speed to properly cool the Load Bank coils. This condition causes a Load Bank to run only a few minutes, and prevents proper load application for TQG's to prevent wet stack conditions. Condition affects all 6 Load Banks in MALS-14 inventory.

Recommendation:

Recommend a change to the manufacturer setting of 5 amps on K21 relay to 6 amps. This will provide LB fan enough amps enable fan to spin fast enough to sufficiently cool LB coils and not shut down due to overheating. Once setting is made, the blue reset button on relay K21 needs to be pushed, and the Load Bank will be fully operational.
Recommend this change be made to all Load Banks in the fleet. See attached pictures.

Status/Course of Action: (Funded Yes No N/A)

07/15/10 - Accepted
05/03/11 – There has been no suggestion given back from AVTRON. IPT is following up.

Action Agency: NAWCADLKE Assigned To: LCDR Davis Date Assigned: _____

Est. Completion Date: 06/30/12 Act. Completion Date: _____ Closed By: _____