

**MOBILE FACILITY PROGRAM REVIEW
ACTION ITEM**

ACTION ITEM NO.: 6-55

DATE SUBMITTED: 04/30/2010

SUBMITTED BY: GYSGT GIPSON

PROBLEM: 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: Accepted

ACTION AGENCY: Lakehurst