

MOBILE FACILITY PROGRAM REVIEW
ACTION ITEM

ACTION ITEM NO.: 3-92

DATE SUBMITTED: 02/27/09

SUBMITTED BY: MALS-41

PROBLEM: There is not a method to troubleshoot an Environmental Control Unit once it is removed from a Mobile Facility. MALS 41 has a number of ECUs requiring removal from the MF for greater in-depth troubleshooting or extensive repair. Without such a testing stand, numerous maintenance/man hours are wasted and unnecessary dollars consumed on shotgun troubleshooting.

RECOMMENDATION: Develop an approved, powered ECU test stand/mockup (containing a thermostat and wiring) that would allow an ECU to be operational checked, outside of the MF. This would prevent unnecessary component replacement and greatly reduce the number of maintenance/man hours used to repair ECUs.

Another recommendation would be to develop an ECU repair MF. The configuration would be used to set up and troubleshoot ECUs. Recommend a doublewide configuration with two ECU test stations and welding capabilities.

STATUS: 05/01/09 ACCEPTED -- Configuration currently exists (WC-12 & WC-13) to repair and troubleshoot ECUs inside the doublewide complex that includes the capability for brazing/welding. New R-134a ECUs are designed with removable panels which allow troubleshooting and repair to be performed inside the MF. For R-22 ECUs, input/clarification on scenarios in which test stand will be used is required.

05/21/09 CLOSED - This issue will be resolved with the R-134As which have a removable panel for troubleshooting.

ACTION AGENCY: NAWCADLKE