MOBILE FACILITY PROGRAM REVIEW
ACTION ITEM

ACTION ITEM NO.: 2-207

DATE SUBMITTED: 09 April 2010

SUBMITTED BY: MSgt Eric B. Carter

PROBLEM: Airframes does not have a proper MF for doing clean room work with composites when doing "layup", laying one composite material on top of another composite material to build it up. Most Airframes do their Wet layup repairs in a hard structure in CONUS. There is currently only a double wide MF that is used for composite repair, however, this is designed to be used for finish work (i.e. sanding, drilling etc...), and is the CS-XX configuration MFs. This is what the down draft table is used for in that MF and does not constitute itself as a "Clean Room".

When doing this layup work in the same MF that the finish work is being incorporated, there is high probability that the layup work is being contaminated. When performing composite repairs, without having this "clean room", composite repairs can not be performed in a controlled environment.

Per the MIMS, across numerous TMS, while performing layup work, a "clean area" is required.

RECOMMENDATION:

Incorporate another CS-XX type config MF without down draft table, but still have ventilation that can be exclusively used for composite repair layup work. It would be in addition to the current Down draft MF. The wet Layup MF should have a refrigerator for storing the various compounds. The MF would also require a HAZMAT locker for the components that are not refrigerated.

STATUS: Open

ACTION AGENCY: ASL-33