MOBILE FACILITY PROGRAM REVIEW
ACTION ITEM

ACTION ITEM NO.: 2-172

DATE SUBMITTED: 26 MAY 04

SUBMITTED BY: **MALS-24, AVIONICS CHIEF, TBA REQUIREMENT**

To provide support for 10 squadrons in the fabrication and repair of aeronautical cables for enhanced resistance against electromagnetic and acoustic interference, weatherproofing, and temperature durability extending the life of the cables and ultimately aircraft service life.

The lifespan of the T-56 right hand / left hand engine harness and generator/ prop deicer harness for the P-3 Aircraft is 6 months. Utilizing the wire braider to reinforce and protect the cable we can extend its lifespan 2+ years. Replacement T-56 engine harnesses cost the squadron $2032.93 (Right Hand), $4404.93 (Left Hand), $1535.60 (Generator), and $846.36 (Prop De-icer). Potential savings by manufacturing a single T-56 Engine harnesses in-house would be $6233.02. An average annual throughput of 12 harnesses would yield an annual savings of $74796.24. It takes approximately 160-man hours to build all the cables for a T-56 engine with the wire braider machine. This would yield an approximate annual savings of 960-man hours spent repairing broken harnesses.

A WR-01 MF could provide additional assistance and squadron support with the fabrication and repair of test set/bench cables and harnesses. Average annual cable/harness throughput would be approximately 1500; including new manufacture and repaired items.

RECOMMENDATION: Push WR-01 Mobile Facility to MALS-24 IAW T/O. Provide training to personnel on operation of Braiding Machine after approval to prepare for MF arrival and wire braider machine arrival.

STATUS: 01 JUN 04

ACTION AGENCY: TBD

ACTION ITEM 2-172 (CONTINUED)

STATUS: 17 JUN 04

Closed. In concurrence with discussions held by the Logistics Review Group (LRG) Open Forum in attendance at Atlanta, Georgia on 17 Jun 2004, NAVAIR Code 3.2.4.10 request that MALS-24 re-submit WR-01 TBA Requirement to HQMC ASL-34 via proper WING/TYCOMS Chain-of-Command.