



## DEPARTMENT OF THE ARMY

CO D, 3<sup>RD</sup> BATTALION, 142<sup>ND</sup> AHB  
CAMP STRIKER, IRAQ  
APO, AE 09322

AHB-D

31 December 2008

### MEMORANDUM FOR RECORD

SUBJECT: Cyberlux Lighting Systems

1. The Iraqi Theatre of Operation can be a challenging environment for performing aircraft maintenance due to a variety of factors. One of those factors is lighting. The high OPTEMPO combined with strict maintenance requirements forces the Aviation community to perform 24-hour maintenance.
2. Most "yellow" lighting systems are inadequate at best for this theatre. These systems are large, loud, prone to breaking, and do not allow for good visibility due to weak yellow lighting.
3. The Cyberlux system's bright white light is the preferred choice of our mechanics out on the flight line. The system's batteries allow for quick charge times, zero noise output, and can be easily maneuvered out on the flight line due to their light weight.
4. The Cyberlux systems provide more than enough lighting for Delta Company to complete night Main Rotor Ground Track and Balances, night Tail Rotor Balances, night Engine High Speed Shaft Balances and many other general maintenance tasks that require good visibility and a safe, well lit work area. Other lighting systems do not provide enough lighting to accomplish these tasks.
5. Delta Company's production has increased at night due to the capabilities of the Cyberlux lighting systems. The systems are a must have for all units in theatre that operate around the clock.
6. The point of contact for this memorandum is the undersigned at [matthias.quackenbush@us.army.mil](mailto:matthias.quackenbush@us.army.mil).

//S//

MATTHIAS J. QUACKENBUSH  
CPT, AV  
Commanding