



## U.S. ARMY AVIATION AND MISSILE COMMAND CORROSION PROGRAM



**MISSION:** The AMCOM Corrosion Program Office (CPO) is an aggressive program addressing impacts of corrosion for Army aviation and missile systems. The CPO provides both corrosion prevention and control and non-destructive testing support to the Soldier to reduce maintenance impact while improving readiness and safety.

Effective corrosion control programs are mandated by the Department of the Army in order to control weapon-system deterioration and corrosion. The AMCOM CPO implements the requirements of the Office of the Secretary of Defense and Army Corrosion Prevention and Control (CPC) strategic plans through demonstration of improved CPC technologies, research to identify improved materials and processes and support to units for sustainment of legacy weapon systems through corrosion monitor, CPC and non-destructive testing training.

### **The Corrosion Program Areas of Expertise include:**

- Corrosion monitor classroom and annual on-site unit CPC training
- Expert technical on-site support for corrosion, coatings and Non-Destructive Testing (NDT) issues
- NDT training, qualification testing and development of new procedures and techniques
- Laboratory evaluations including failure analysis, metallurgy, coatings and CPC research

- Demonstration and validation of new corrosion preventative technologies
- Support to the acquisition community for corrosion prevention advisory teams and development of CPC plans
- Missile corrosion service team to assist Soldiers with general corrosion maintenance for PATRIOT missile system
- Training and assessment support to units for their care of supplies in storage program

### **Outlook for the Future:**

The AMCOM Corrosion Program Office continues to focus on reducing corrosion related maintenance burdens, non-availability of Army assets and the number of mishaps due to corrosion.

The CPO works to facilitate communications between the Soldier and program manager on new technologies aimed at corrosion prevention and control for Army weapon systems.

