Army Aviation and Missile Command (AMCOM) Corrosion Program Update

Steven F. Carr
Corrosion Program Manager

Feb 2009
**Army Aviation and Missile Command (AMCOM) Corrosion Program Update**

Approved for public release; distribution unlimited

**2009 U.S. Army Corrosion Summit, 3-5 Feb, Clearwater Beach, FL**
AMCOM Corrosion Program Update

- FOCUS
  - ACQUISITION
  - SUSTAINMENT
  - Research & Development
AMCOM Corrosion Program Update

- **FOCUS**
  - **ACQUISITION**
    - CPC Plans
    - Corrosion Prevention Action Teams (CPAT)
    - Design For CPC Based Upon Lessons Learned
    - Implement New Technologies (APA / OPA Funding)
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FOCUS

– SUSTAINMENT

• Corrosion Maintenance / Procedures (TM, SOP, etc.)

• CPC Training

• CPC Sustainment Technology (Corrosion Repair Kits, DH, CPC’s, Covers, etc.)

• Dem / Val of Emerging CPC Technologies
FOCUS

- RESEARCH & DEVELOPMENT

- Development of New Technologies
- Dem / Val of New Technologies
- Data Collection / Analyses to Understand Issues and Focus R&D

Examples – Sensors Detergents, Soil/Water Analyses, Environmental Effects
PROGRAM BASIS
Corrosion Maintenance Cost

PROGRAM BASIS

$1.6 Billion Annual Corrosion Maintenance Cost

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50 Aircraft Mishaps
13 Serious Injuries
9 Deaths

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Non-Mission Capable
Awaiting New Part to Replace Corroded Non-Functional Part

PROGRAM BASIS

Readiness
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DFARs
DOD 5000.67
DOD/Army Corrosion Prevention Strategy
Army Reg 750-59

PROGRAM BASIS

Legislative

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Corrosion Maintenance Cost

SAFETY

PROGRAM BASIS

Legislative Readiness
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Demonstration / Validation Projects
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Demonstration / Validation Projects

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Personnel Briefed
FY 2008

135 Units

Over 3100 Personnel

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Corrosion Assistance Team Visits

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- NEW! Corrosion Monitor Class
  - 27-29 January
  - 17-19 March
  - 19-21 May

- Quarterly Newsletter

- Website (www.corrweb.org)
  - Technical Requests
  - Checklists
  - Newsletter Archive

- Expanded Audience
  - AMCOM Logistics Assistant Representative School (LAR-U)
  - 151A (“Walking Warrant”) Course at Ft Eustis
  - Aviation Maintenance Managers’ Course (AMMC) at Ft Rucker

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Challenges of Standing-Up a Program
Challenges of Standing-Up a Program
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Challenges of Standing-Up a Program

Requirements

Technology

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Challenges of Standing-Up a Program

Manpower

Technology

Requirements

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Challenges of Standing-Up a Program

Manpower

Contracts

Requirements

Technology

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Challenges of Standing-Up a Program

Project Plan

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Challenges of Standing-Up a Program

Project Plan

Weapon PM Support

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Project Plan
Weapon PM Support

Dem/Val
Contract

Manpower

Contracts

Requirements

Technology

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Project Plan
Dem/Val Contract
Weapon PM Support

Gather Data

Manpower
Contracts
Requirements
Technology
Challenges of Standing-Up a Program

- Project Plan
- Dem/Val Contract
- Weapon PM Support
- Gather Data
- Establish Metrics

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Challenges of Standing-Up a Program

- Project Plan
- Dem/Val Contract
- Weapon PM Support
- Gather Data
- Establish Metrics
- Implement

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QUESTIONS

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