Army Aviation and Missile Command (AMCOM) Corrosion Program Update

Steven F. Carr
Corrosion Program Manager
<table>
<thead>
<tr>
<th>1. REPORT DATE</th>
<th>2. REPORT TYPE</th>
<th>3. DATES COVERED</th>
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<td>FEB 2009</td>
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<td>00-00-2009 to 00-00-2009</td>
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<th>4. TITLE AND SUBTITLE</th>
<th>5a. CONTRACT NUMBER</th>
<th>5b. GRANT NUMBER</th>
<th>5c. PROGRAM ELEMENT NUMBER</th>
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<th>6. AUTHOR(S)</th>
<th>5d. PROJECT NUMBER</th>
<th>5e. TASK NUMBER</th>
<th>5f. WORK UNIT NUMBER</th>
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<th>7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)</th>
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<td>Army Aviation and Missile Command (AMCOM), Redstone Arsenal, AL, 35898</td>
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12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES
2009 U.S. Army Corrosion Summit, 3-5 Feb, Clearwater Beach, FL

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:

<table>
<thead>
<tr>
<th>a. REPORT</th>
<th>b. ABSTRACT</th>
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17. LIMITATION OF ABSTRACT
Same as Report (SAR)

18. NUMBER OF PAGES
39

19a. NAME OF RESPONSIBLE PERSON

Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
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 Leaned
    - 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

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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

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PROGRAM BASIS

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Corrosion Maintenance Cost

PROGRAM BASIS

$1.6 Billion Annual Corrosion Maintenance Cost
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SAFETY

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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PROGRAM BASIS

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

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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Demonstration / Validation Projects

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135 Units

Personnel Briefed FY 2008

Over 3100 Personnel
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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

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Challenges of Standing-Up a Program

- Manpower
- $\$$

- Technology
- Requirements
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Challenges of Standing-Up a Program

- Requirements
- Technology
- Manpower
- Contracts

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Challenges of Standing-Up a Program

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Project Plan

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Challenges of Standing-Up a Program

Project Plan

Weapon PM Support

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Challenges of Standing-Up a Program

Project Plan
Weapon PM Support

Dem/Val Contract

Manpower

Contracts

Requirements

Technology

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Challenges of Standing-Up a Program

Project Plan
Dem/Val Contract
Weapon PM Support

Gather Data

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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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Challenges of Standing-Up a Program

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

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