# Aircraft Washes

**Presented at the 2011 Air Force Corrosion Conference held 16-18 Aug 2011 at Robins AFB, GA.**
Purpose

Provide information on the importance of enforcing aircraft wash schedules, maintaining wash facilities, and the need for uniform waiver requirements.
Overview

• Mandatory Waiver Requirements
• Waiver Statistics
• Command Inspection Oversight
• Variance in Guidance
• Mitigation and Way Ahead
• Questions
Mandatory Waiver Requirements

- Table 3-1 Aircraft Wash Intervals (T.O. 1-1-691)
- Unique ops requirements, contingencies, droughts, or facility limitations severely impact unit’s ability to wash (T.O. 1-1-691)
  - Washes “may” be temporarily waived by MAJCOM CC Manager and SPD
  - Each waiver valid for only 1 year, unless requirements change
  - MAJCOM CC Manager notify AFCPCO upon each waiver

- MXG/CC Responsibilities (ACCI 21-105)
  - Ensures frequency of wash/rinse cycles are maintained IAW T.O. 1-1-691
  - Report any aircraft wash overdue more than 30 days w/memo to HQ ACC/A4M
  - Ensures Plans, Scheduling & Documentation Sections schedule aircraft washes through Integrated Maintenance Data System (IMDS)

T.O. 1-1-691, Cleaning And Corrosion Prevention And Control, Aerospace And Non-Aerospace Equipment

ACCI 21-105, Fabrication Program, 13 May 03, IC 9 Apr 07
Mandatory Waiver Requirements (cont.)

- AOR deployments (T.O. 1-1-691)
  - Pre-Deployment: Recommend full wash prior to deployment
  - During Deployment: Constant regimen of vacuuming, brushing, to remove dust and sand accumulation, necessary to reduce potential corrosion problems
  - Post-Deployment: Perform thorough wash (NLT 30 days) after arrival to home station.
Waiver Statistics

Number of waivers submitted.

- **Jun 09 - May 10**
- **Jun 10 - May 11**
Waiver Statistics

Number of Aircraft Waived for Deployment Reasons
(Jun 10 - Jul 11)
Command Inspection Oversight

- LCAT & IG inspections
  - P&S inspected
  - Unit Corrosion Control Programs
    - Wash facilities
Variance in Guidance

- 1-1-691 vs. -6
  - Overfly allowances for each MDS
  - Depot status
  - 1 year grounding requirement for inspections

- 1-1-691 vs. Weapon Specific -23 T.O.

- A4M Notification vs. 107 request
  - 107 tracking purposes
  - 107 request by-pass A4M and AFCPCO
  - 107 requests typically for single aircraft
Mitigation & Way Forward

• Planning
  • Home station arrivals
  • Deployments / Exercises
  • Wash rack maintenance

• Do Not Assume
  • Waivers will not always be approved
    • Deployments to the Desert
    • Consecutive waivers for same aircraft

• Considering regular wash intervals as inspections

• AOR Wash
  • Permanent wash facilities in AFCENT
  • Established uniform wash waiver guidance among all weapon systems
Questions