A Healthy CARS & Fewer CARs
ESI1Q – Christopher Keryk
Presentation Overview

- DASR Requirements
- Continuing Airworthiness Record Systems (CARS)
- Impacts of Issues
- CARS Related Findings
- Root Causes of Findings
- Treatments
- Responding to an Issue
- Questions
DASR Requirements

- Critical components
- Containment not possible
- FAR 33.70 – Engine Life Limited Parts
- CAMO Responsibility

M.A.201 – Responsibilities

M.A.305 – CARS

M.A.301 – Tasks

M.A.302 – AMP
Continuing Airworthiness Record Systems

- **CAMM2**
  - Configuration
  - Usage monitoring
  - Maintenance management

- **CAMM2 Redundancy/ Fall back**
  - Engine log books
  - OH sheets/tags
  - EE360/ EE500 sheets

- **MDSLMS, GLIMS, MMS-Ops, etc.**

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Impacts of Issues

- Safety
- Cost
- Capability
Continuing Airworthiness Record System Related Findings

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- **Dummy SN**: 4
- **Configuration**: 5
- **Procedural**: 4
- **CAMM2 Policy**: 11
- **UM Data Entry**: 14
Root Causes of Findings

- Dummy Serial Number
- Configuration
- Procedural
- CAMM2 Policy
- Data Entry
- Asset Reception
- CAMM2 Access during OH
- Incomplete Logbooks
- Not Following Procedure
- System Changes
- Multi-Aircraft Engine
- System Complexity
- Procedure Weakness
Treatments from Experience

- Asset Reception
- CAMM2 Access during OH
- Incomplete Logbooks
- Not Following Procedure
- System Changes
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- System Complexity
- Procedure Weakness

- Dual sign off / Review / Audit
- Simplify / clarify responsibilities
- More procedures
Responding to an Issue

• Workshop Hypothetical:
  – Aircraft fleet currently ¾ to PWD
  – NDI required on compressor disc
  – ESI manager checks status
  – No inspections in CAMM2 ➔ Uncover configuration issues
Questions?