Lead Materiel Integrator and Condition-Based Maintenance Plus (CBM+)

Reducing and Stabilizing the Lifecycle in Uncertain Times

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Overview

• Lifecycle Supportability Challenges
  – Shrinking budgets
  – Increasing global threats
  – Technology outpacing processes

• Lead Materiel Integrator

• Condition-Based Maintenance

The World has Changed, So Must Our Paradigms
Managing the Managers

Proactive and Efficient Management

- Priorities
- Policy
- Resources
- Programs
- Strategy

Proactive

Agile

✓ Synchronized Materiel Integration
✓ Protecting dwell
✓ Aligning core competencies

Goal = Integrated Process
Managing the Materiel

Lead Materiel Integrator develops materiel sourcing solutions IAW Army priorities to support integrated demand signals.

AMC-Lead Materiel Integrator

Readiness Enterprise
Demand Signal Integrator

Optimizing Resources to Enhance Readiness
• Near-term benefits:
  - Expands support from specific units to all Army units
  - Transparent decision-making
  - Improved strategic forecasting
  - Unity of effort
  - Reduced Army Staff execution burden

• Foundation for further improvements
  - Readiness, transportation costs and manpower
  - Divestiture of redundant systems

Achieved without increasing personnel end-strength
CBM+ Overview

1. Collection
   - CURRENT
   - 1100+ aircraft

2. Transmission
   - Take the data - in any format - anyway we can get it...
   - Working the data strategy and standardizing formats

3. Warehousing
   - Logistics Support Activity (LOGSA)
   - CBM+ Data Warehouse now in place
   - Integrating the different existing warehouses into a single system

4. Analysis
   - Materiel defect?
   - Design Defect?
   - Policy or procedure change?

5. Action/Decision
   - Maintenance TTPs or Inspection Remediation
   - Part Re-engineering
   - Safety of Use Message or Airworthiness Release
   - Supply Optimization
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CBM+ Focus: Benefits for Warfighters

To Battlefield Commanders, CBM+ is:

- Ability to Meet Mission Requirements With Proactively Driven Maintenance
- Ability to Optimize Competing Demands of Warfighting & Planned Maintenance

To The Warfighter, CBM+ is:

- Maintenance Instructions Based on Actual Condition and Usage
- Greatly Enhanced Diagnostics and Troubleshooting
- Fewer Maintenance Manhours
- Physical Inspections Are Reduced or Eliminated