Air Force Materiel Command

AFMC

War-Winning Capabilities … On Time, On Cost

2006 DMSMS Conference Air Force Life Cycle Logistics and DMSMS Perspectives

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I n t e g r i t y - S e r v i c e - E x c e l l e n c e

Outline

- **About Air Force Materiel Command**
- **Air Force TLCSM Definition**
- **Command Initiatives**
    - **eLog21**
    - **Sustainment Transformation**
- **Air Force DMSMS**
- **Summary**

AFMC Command Mission

Deliver War-Winning...

-- *Technology*

-- *Acquisition*

-- *Test*

-- *Sustainment*

...Expeditionary Capabilities to the Warfighter

Commander's Intent

- **Accountable, measurable, continuously improving performance**

  - **Lead implementation of process improvement techniques—inspire participation at all levels**

  - **Set tangible performance targets and expectations; measure, report, compare, and reward results**

  - **Create an environment that inspires trust, innovation … and a *passion* for achieving improved performance**

One Materiel Command

eLog21 Campaign Initiatives

ARCHITECTURE & GOVERNANCE

Logistics Enterprise Architecture (LogEA)	Portfolio Management	Air Force Data Strategy	Performance Management

Product Support and Engineering	Supply Chain Management	Expeditionary Operations and C2	Maintenance, Repair and Overhaul

Product Support and Engineering
- Total Life Cycle System Management
  - Product Support Camp
- Condition Based Maintenance+
- Asset Marking and Tracking
- Demand Management
- Operations Safety Suitability & Effectiveness Tools
- Product Life Cycle Mgmt

Supply Chain Management
- Integrated Planning System (IPS/APS)
- Purchasing Supply Chain Management (PSCM)
  - Strategic Sourcing
  - Commodity Councils
  - Supplier Management Tools
- Strategic Distribution
- Weapon System Supply Chain Management

Expeditionary Operations and C2
- WFHQ/ Agile Combat Support C2
  - Log Supt Centers
- AF Common Operating Picture
  - I&L COP
- Decision Support Tools

Maintenance, Repair and Overhaul
- Field MX & Regional Maintenance
  - CONUS CIRFs
- Re-engineering Depot Maintenance (DMT)
- AF Lean Maintenance Enterprise Integration

ENABLING PROCESSES AND TECHNOLOGY

Future Financials	Agile Combat Support (ACS)/Assured Connectivity	Workforce
AF Smart Ops (AFSO21)	Change Management (CM)	Capability-Based Programming (CBP)

IT Strategy/Expeditionary Combat Support System (ECSS)

What Are Commodity Councils?

- Cross-functional teams that develop enterprise-wide purchasing supply chain strategies and establish strategic contracts by commodity groups to reduce cost and cycle time, and increase materiel availability and reliability

- Responsible for:

  – **Developing and executing AFMC-wide commodity sourcing strategy**

  – **Conducting commodity market research; base-lining performance**
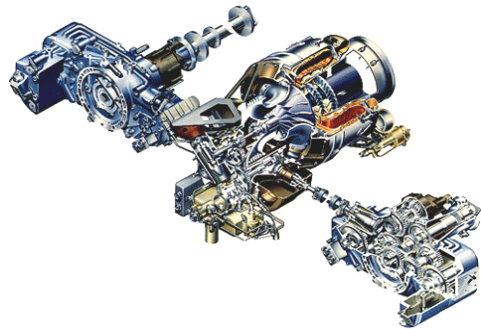
  – **Monitoring and continuously improving performance**

Secondary Power Systems

Self-contained power source to start aircraft main engines; provide electrical power on ground and in air
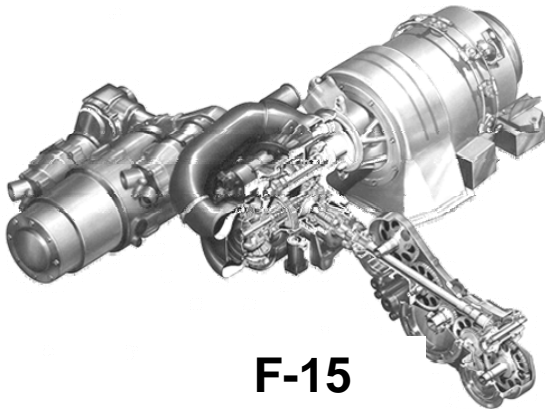
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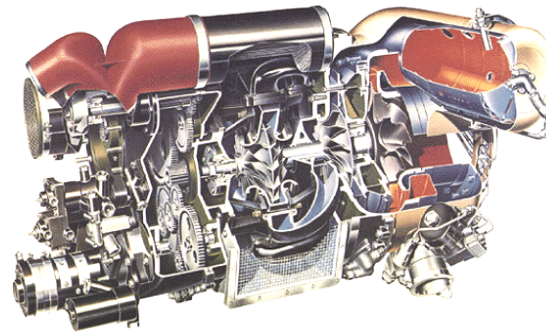
C-130/Carts

Load Control Valves
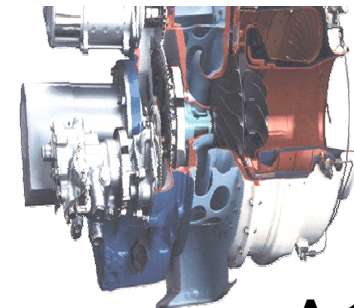
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Services PBL Strategy to Improve Availability, Reduce Cost & increase Reliability

Pre-planned Product Support

- **Initiated development of a template for a Request for Proposal (RFP) at System Demonstration & Development phase**
  - **Conducted a Rapid Improvement Event**
  - **Reps from AF/A4M, HQ AFMC/A4/EN/PK/JA, OO-ALC, WR-ALC, OC-ALC, and ASC**
  - **RFP to address:**
    - **all sustainment elements**
    - **tech data rights**
    - **partnering**
  - **To ensure requirements are supported while USG still has leverage with contractor**

Using PBLs to Improve B-2 Reliability

- DoD Pilot program on schedule for implementation

- RFPs released for CY07 contract

- Basic PBL tenet; incentivizes contractor to negate obsolescence

On track to implement in 2007

Command Initiatives: Tools
Shared Data Warehouse Air Force Module

- **Automated Tracking of Case Processing**

- **Access to DMSMS Case Data**

- **Assess Program Impacts**

- **Interfaced with Legacy AF Databases, ALC Focal Points, DMSMS Program Managers, GIDEP and DLA**

- **On-site support to monitor operation and interface with additional tools**
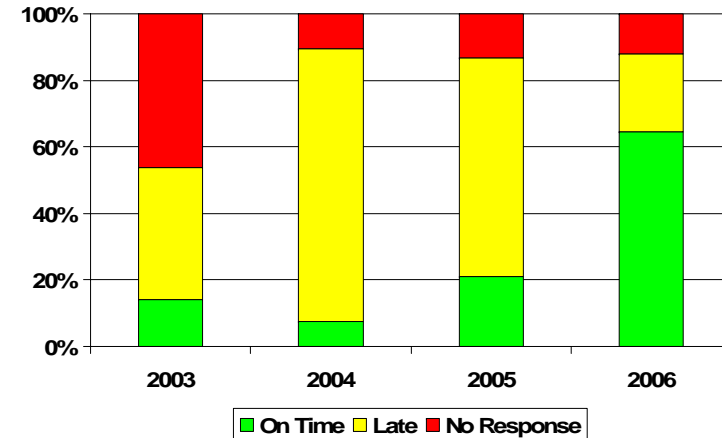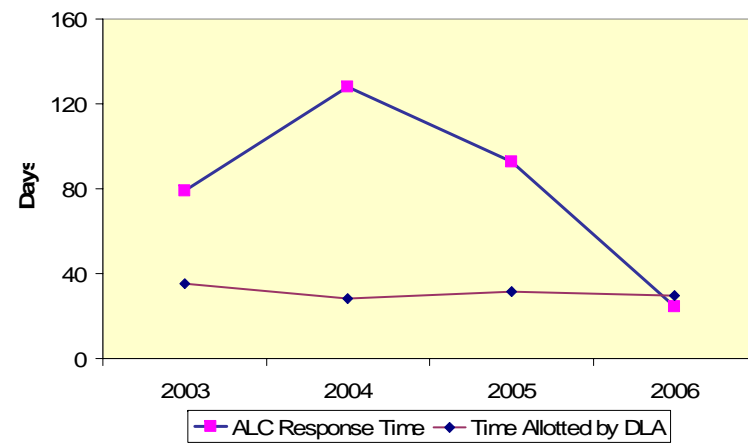
Air Force Progress/Activity

- ## On time response increased from 8% to 64%

- ## Non response reduced from 46% to 12%

- ## Average response reduced from 127 days to 25 days.

Shared Data Warehouse Response Metrics AFMC

On Time ■ Late ■ No Response

Shared Data Warehouse Response Processing Metrics

ALC Response Time — Time Allotted by DLA

Source: AFM SDW as of 3 JUL 2006

AFMC DMSMS Study

- **Current state of DMSMS program in the process of being defined**
  - Data being gathered includes management plans, metrics captured, and solutions implemented
- **Weaknesses and areas of improvement being identified and noted**
- **Alternatives will be defined and then compared to current state**
- **Final evaluation will score current state and alternatives in each of these four major categories so that optimal strategy for future of the DMSMS program can be identified**

War-Winning Capabilities...

On Time, On Cost

The Bottom Line

We deliver war-winning technology, acquisition, test, and sustainment to the warfighter