

Headquarters U.S. Air Force

Integrity - Service - Excellence

Exploiting Maintenance Process Improvement Opportunities



U.S. AIR FORCE

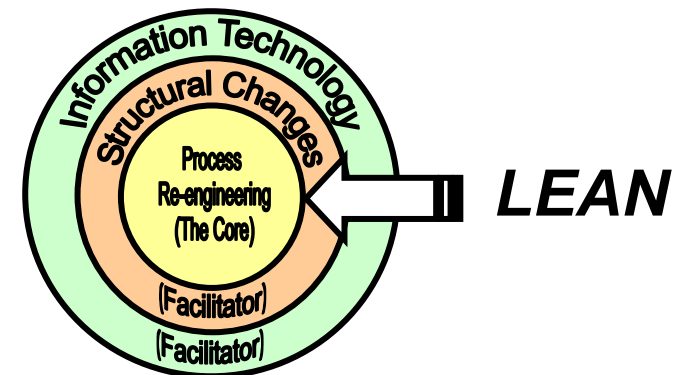
**DoD Maintenance Symposium
26 Oct 04**

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Director of Maintenance
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Why LEAN?

- **Compelling Case for Change**
 - Spares funding is up, but fleet TNMCM rates are on the rise
 - Maintenance manpower is being considered for reduction to relieve other stressed career fields
 - Transformation imperative to continue robust support of peacetime and expeditionary taskings
- **eLOG21 Goals**
 - 20% increase in weapon system availability by end of FY07
 - Zero growth in O & S costs over the FYDP
 - Achieve through process improvements
 - LEAN is the primary method



*eLOG21: *Expeditionary Logistics for the 21st Century*



USAF Approach to LEAN

- **Fit to our culture and business processes**
 - Implement Expeditionary Combat Support System (ECSS)
 - Map processes and eliminate waste up front
 - Deploy LEAN training
 - Target schoolhouses
 - Leverage on-line courses (e.g., DAU)
- **Build on early victories at Air Logistics Centers**
 - C-5 PDM flow time reduced 35%--cut 100+ hrs mechanic travel time
 - KC-135 depot flow days cut in half--on time delivery up 47%
- **Execute field-level pilot programs**
 - F-15 phase inspection--"zone concept" and physical dock layout changes
 - F-16 periodic inspection LEAN event
- **Goal = demonstrate results in FY08 POM**

