

# ***Headquarters U.S. Air Force***

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*Integrity - Service - Excellence*

## **Exploiting Maintenance Process Improvement Opportunities**



**U.S. AIR FORCE**

**DoD Maintenance Symposium  
26 Oct 04**

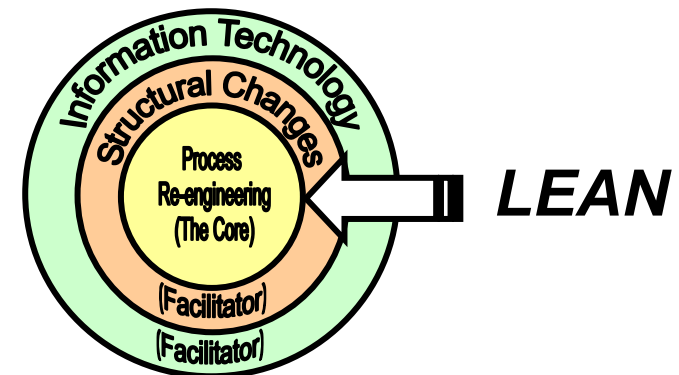
**Brig Gen Dave Gillett  
Director of Maintenance  
DCS, Installations and Logistics**

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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**

