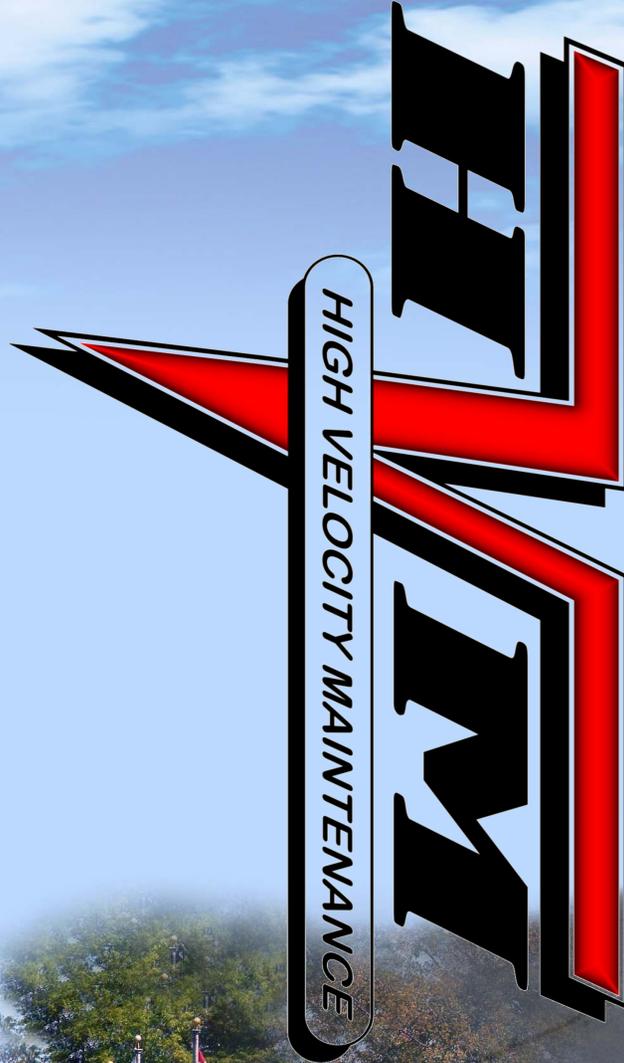
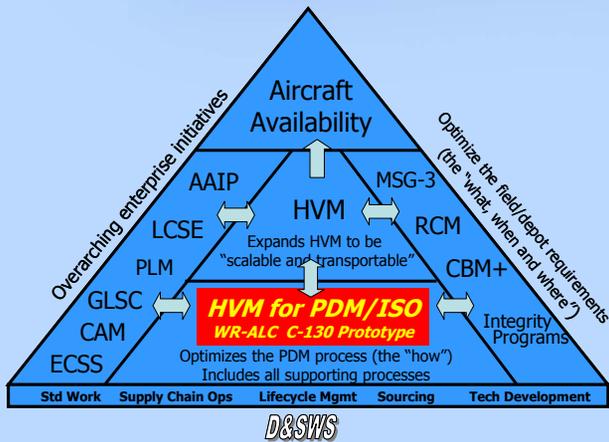


# High Performance Team

# Vision

**Increase Aircraft Availability using AFSSO21 tools to establish a synchronized, integrated, end-to-end process such that maintenance does not impact mission requirements.**

*The C-130 is the first prototype; however, the processes that are developed can be expanded to other aircraft*



High Velocity Maintenance at Warner Robins Air Logistics Center Robins Air Force Base, Georgia

PLEASE VISIT OUR WEBSITE AT:

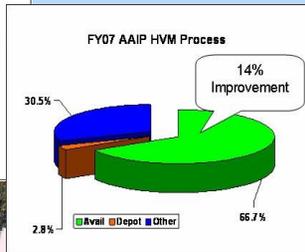
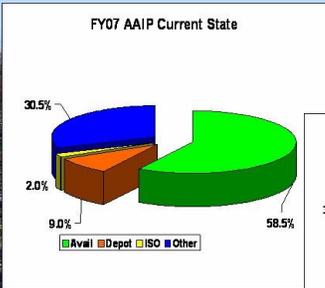
PUBLIC ACCESS WEBSITE

<http://www.robins.af.mil/ffbar/factsheets/factsheet.asp?id=10795>

ML ONLY WEBSITE

<https://afkm.wpafb.af.mil/ASPs/CoP/OpenCoP.asp?Filter=OO-21-WR-01>

**“WHERE SPEED MAKES A DIFFERENCE...”**



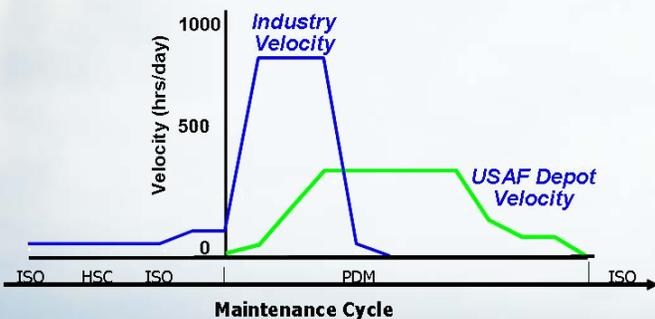
September 9, 2009



## Why HVM?



- **C-130 Aircraft Availability "Perfect Storm"**
  - GWOT, Aging Fleets, \$ Constraints
  - Scheduled maintenance impacts aircraft availability
    - ⇒ Inefficient Depot Maintenance Processes
      - Low velocity compared to Industry
        - ◆ Airline burn rate 500-800 hours/day
        - ◆ ALC PDM 145-220 hours/day
      - Field and Depot not synchronized
        - ◆ Function as two independent systems
      - A/C condition not well known



## Current C-130 Depot State

- **Limited knowledge of aircraft condition**
  - ⇒ Two Mx systems; creates knowledge barriers
- **5+ Year PDM cycle (C-130)**
  - ⇒ Damage accumulated
  - ⇒ Promotes a "must fix now" mentality
- **Job shop environment**
  - ⇒ Mechanic gets own tools; searches for parts; accomplishes own set-up
- **Inadequate planning—requirements, Mx work, parts, materiel, equipment**
  - ⇒ Lacks information—complete BOM, planned work, support
- **Stove-piped processes and execution**
  - ⇒ Unsynchronized, inefficient, encourages work arounds (non-compliance)

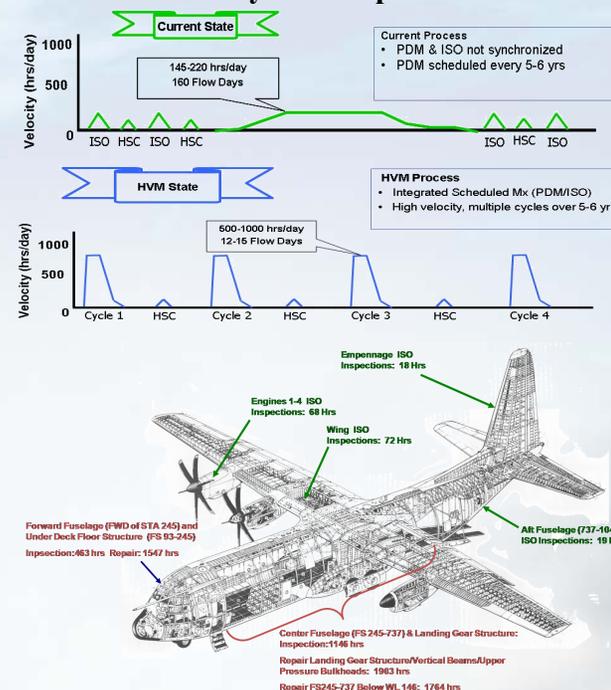


## Future C-130 Depot State

- **Known aircraft/end item condition**
  - ⇒ Lead time ahead of induction—parts, training, infrastructure, equipment, data, etc.
- **Mechanic-centric focus (Surgeon)**
  - ⇒ Parts, tools, data, equipment **pre-positioned** at point of use
  - ⇒ Maximum use of kitting
- **Expand standard work and processes**
- **Single maintenance concept**
- **Integrated planning, decision-making, and data collection**

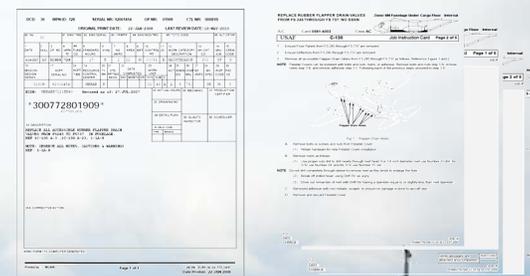


## C-130 Scheduled Maintenance Life Cycle Comparison



## Visual Work Cards

Transforming from 173 Standard Visual Work



**A Team Within A Team**