



AMCOM

Depot Partnerships

Integrated Materiel Management Center
US Army Aviation & Missile Life Cycle Management Command

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13 Nov 2007



Aviation Partnership Status

General Electric T700 Engine Evolution W58RGZ-04-C-0203

- TELSS*New Follow-on 5 year contract. Base Year 1 Award DEC 05 (\$177M) provides 100% parts availability for T700 Engines
- RTAT reduction 261-78 days on prior contract. Goal is to reduce to 70 and better for follow-on
- Inventory to sustain Surge Production
- Shaft horsepower margin improved 100%
- Fuel flow margins down 65%
- Lead the fleet recap engine at 1,800 hours on wing
- \$460,821,090.96 total value obligated to date

Sikorsky H-60 Hawk DAAH23-03-D-0043

- Initial 5-year Component awarded Dec 02 TELSS covered 35 component programs (CPs). Apr 06 mod incorporated ALL CPs totaling 60 CPs. Total 5-year Component value to date is \$330.8M.
- Initial 1-year Airframe (AF) awarded Aug 03 covered 1,224 AF parts. Dec 04 mod incorporated add'l 3yrs of effort for a total of 5198 AF parts. Total 4-year AF value to date is \$178.8M.
- All CPs and AF material contracted resulting in pricing of more accurate BOMs consisting of over 8000 parts
- Forecasting material requirements have improved significantly
- Contract Bridge NTE 6mths to be awarded Dec 07. Contract Follow-on prep underway with award scheduled for Apr08.

Boeing AH-64 Apache & H-47 Chinook W58RGZ-04-C-0203

- 5-year Contract (Base & 4 Options) for TELSS, Material (Component & Airframe); Fwd Support Lbr & Travel; and Relocation for 44 comp programs awarded Jun 04.
- Phase I TELSS – 4 month effort \$57.6M awarded Jun 04
- Phase II for add'l TELSS & Mtl awarded Nov 04 for \$522M
- Phase III add'l Mtl for \$56.8M awarded Jun 06
- Phase IIB add'l Mtl for \$16.5M awarded May 07
- Acq Improvement to incorporate fixed unit price w/estimating quantities in place. O&As reduced 85%. Ttl Parts 11,500.
- Total Value obligated to date is \$348M. Contract expires Oct 2009.

Honeywell T55 Series of Engines W58RGZ-05-C-0020

- Goal to reduce overhaul cycle time 50% and to increase time on wing
- 59 component programs
- Base year awarded 22 FEB 2005 for \$19,358,026 with 4 option years totaling \$153,701,956
- 714A Pilot engine completed
- First year option awarded on 24 FEB 2006 in amount of \$23,836,702.90
- On 3 MAR 2007, option year 2 awarded for \$17,845,975. Total value of contract to date is \$61,159,192.70

*TELSS- Technical Engineering & Logistics Services & Supplies

Common Partnership Objectives

- 100% parts availability
- Reduced cycle time
- Improved performance – more time on wing!
- Reduced cost to customers





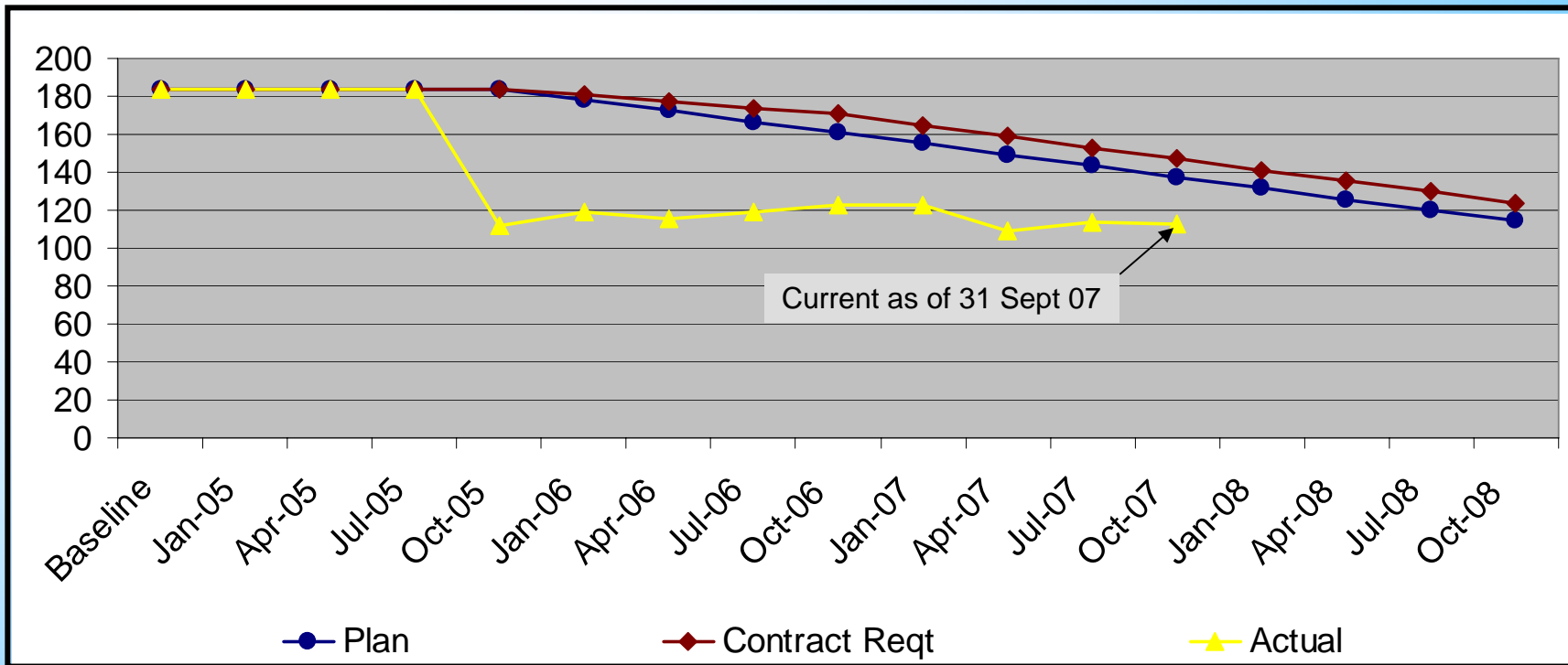
Partnership Accomplishments

- **Reduced Turnaround Time (RTAT)**
- **Successful in Meeting Wartime Requirements**
- **Increased CCAD Overhaul/Repair Capacity**
- **Improved Overhaul/Repair Parts Support**
- **Increased Operating Time of the Weapon System**
- **Reliability & Maintainability Improvements**
- **Developed Work Scope and Process Improvements**
- **Improved Production Control and Scheduling**



Sample Metric Results

Phase II Component RTAT



- **CH- 47**
 - **Oct Goal – 151**
 - **Sept Actual - 109**

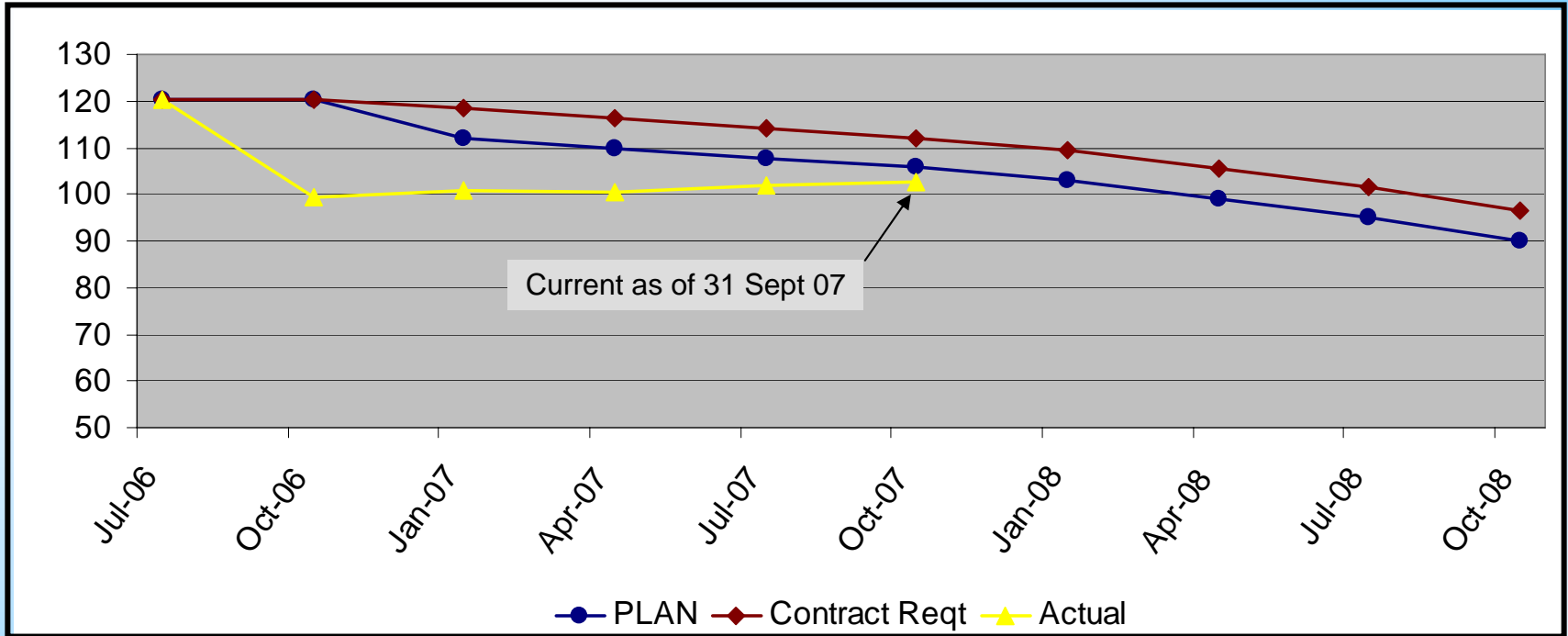
- **AH-64**
 - **Oct Goal – 139**
 - **Sept Actual - 121**

Focusing on New RTAT Initiatives



Sample Metric Results

Phase III Component RTAT



- **CH-47**
 - Oct Goal – 109
 - Sept Actual - 98

- **AH-64**
 - Oct Goal – 118
 - Sept Actual - 113

Phase III RTAT Progressing



Lesson Learned

- **Effective Communication**
- **Trust**
- **Eliminating the Fear of Government Job Losses**
- **Eliminating Territorial Boundaries**
- **Implement Commercial Best Practices When Possible**
- **Scheduling and Line-of-balance Control is Critical for Production Success**
- **Implementation of Lean/Six Sigma in all Assembly and Disassembly Processes.**
- **Standardizing Training Requirements in all Areas of Manufacturing.**
- **Establish Workstation Material Kits – Consumables and Configuration Unique.**
- **Maintain 60 day kit ahead – Inventory Control**
- **Effective Sub-contract Management**
- **Measure – Improve – Control**
- **Assess and Refine Metrics**



Summary

Partnerships:

- Increase Operating Time of the Weapon System**
- Improve Sustainment Support Capabilities**
- Enhance Support to the Warfighter**