



USAF CAD/PAD Program Overview

2015 CAD/PAD Industrial Summit

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Agenda



- Program Overview
- Budget Breakout
- Acquisition Calendar
- Service Life Extensions
- USAF CAD/PAD Issues
- What You Can Do To Help Us
- Questions



CAD/PAD USAF Program



FY15 budget reduced \$18.5M and realigned to FY16 and FY17 due to slow execution

Budget increase due to slow execution in FY15:
FY16 \$11.1M & FY17 \$7.4M

3011/3020/3400	FY15	FY16	FY17	FY18	FY19	FY20	FYDP Total
3011 Ammo	29.9	58.3	52.0	45.6	46.5	47.4	279.7
FMS	30.0	30.0	30.0	30.0	30.0	30.0	180.0
3020 Missile	4.8	2.2	2.3	2.3	2.4	2.2	11.4
3400 DPEM	8.5	7.1	20.3	12.8	11.9	16.0	68.1
3400 Sust Eng	8.2	8.6	8.4	8.4	8.0	8.3	41.7
							580.9

Program Description

- **ACAT:** Non-ACAT
- **Contractor:** Various, 106 FY16 contractual actions annually
Contract Type (s): Normally FFP, sole source or competitive
- **Risks:** Industrial Base consolidations; Obsolescence of energetic materials/ingredients
- **Opportunities:** 2nd source efforts for ACES II CAD/PAD, Digital Recovery Sequencer Power Module

War Fighter Capability

Mission: Power egress/safety systems and supply energy to deploy control surfaces on missiles

Description: Life-limited energetic devices utilized in aircraft egress and safety systems, personnel gear, and weapon or store release systems. 2400 distinct devices utilized for USAF

Platforms: All fixed wing, helo and missile platforms utilize CAD/PAD; each platform has its own set of devices, with 30 Mission Design Series supported

Employment: 625,000 CAD/PADs are installed in USAF and FMS aircraft with 89,000 annual change-outs upon reaching the end of their useful life. Over requisitions processed annually, 100 DRs worked, 25 EIs and 7 MISTs annually



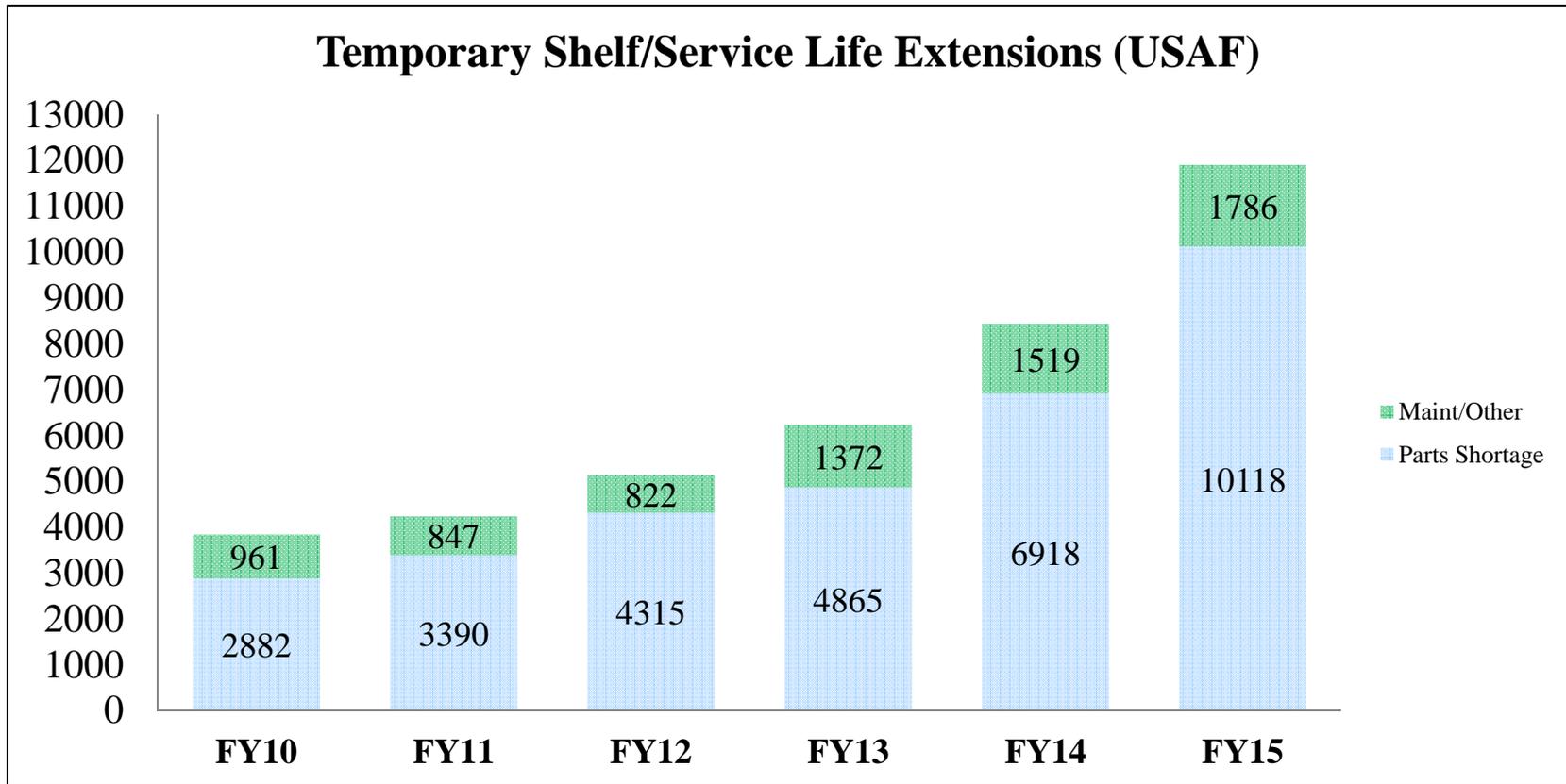
USAF CAD/PAD Requirements Process



Oct	Nov	Dec	Jan	Feb	Mar
<p>Begin USAF requirements determination process</p> <p>LOA forwarded to FMS Customers</p>	<p>Data scrubbed for accuracy</p>				<p>Finalize USAF requirement computations</p>
<p>FMS Requisition due with deadline of 1 Apr</p>					
			<p>FMS Customers accepts LOA</p>	<p>FMS Customers provide requirements to AFSAC</p>	<p>AFSAC/AFLCMC establishes requisitions</p>
Apr	May	Jun	Jul	Aug	Sep
<p>AFLCMC/EBHJ combines all requirements and begins procurement actions</p> <p>Price & Availability (P&A) requests sent to Indian Head</p>	<p>Purchase Requests (PRs) submitted to Contracting</p>	<p>P&As returned from Indian Head</p> <p>Funding documents forwarded to Indian Head for procurement action or manufacture</p>	<p>CAD/PAD FMS Call Letter</p>		<p>LOR submitted</p>

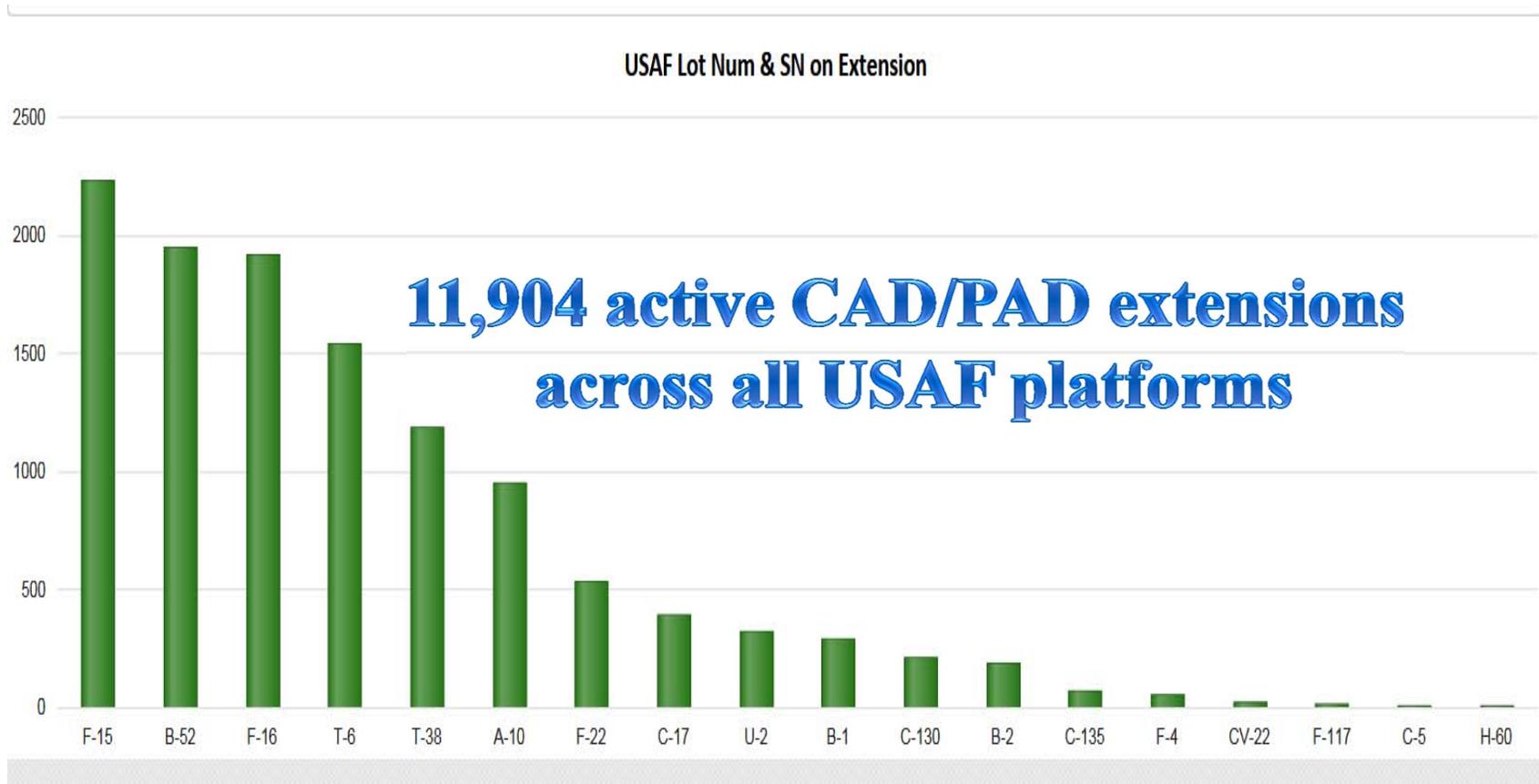


USAF Temporary Extensions – by Serial Number





CAD/PAD Temporary Extensions By Platform





USAF CAD/PAD Issues



- Late contract awards leads to
 - Late CAD/PAD deliveries, which leads to
 - Increased Stock Shortages, which increases need for
 - Service Life Extensions

- What does it mean to the CAD/PAD user?
 - Out of cycle maintenance
 - Possible degraded system performance
 - Possible aircraft groundings

- What does it mean to the contractor?
 - Lost profit opportunity due to decreased out-year requirements



What You Can Do To Help



- What can you do to help?
 - Submit timely, accurate and complete proposals
 - Submit certified cost and pricing data when required
 - Submit subcontracting plans when required
 - Submit small business plans when required
 - Respond to pre-award safety survey findings quickly
 - Work closely with Contracting Officer and DCMA
 - Minimize requests for additional time
 - Let us know what we can do to help you
- What we will be doing to help you?
 - More strategic contract (where it makes sense)
 - Our Organizational structure in Contracting will be Contractor focused
 - Improve our responsiveness

We are all one team working together supporting our War Fighters



Questions?