PEO(A) Small Business

5 September 2018

Presented by: BGen Greg Masiello, PEO(A)
PEO(A) Portfolio

Multi-Mission Helicopters
CAPT Craig Grubb

Tactical Airlift
CAPT Steve Nassau

Advanced Sensor Technologies
CAPT Jason Rider

H-53 Heavy Lift Helicopters
Col Jack Perrin

Air ASW Systems
CAPT Doug Belvin

Maritime Patrol & Reconnaissance Aircraft
CAPT Anthony Rossi

Light / Attack Helicopters
Col David Walsh

V-22 Osprey
Col Matthew Kelly

Presidental / Executive Lift Helicopters
Col Eric Ropella

PROGRAM EXECUTIVE OFFICE
AIR ASW, ASSAULT & SPECIAL MISSION PROGRAMS

9/5/2018 Final Small Business Forum
NAVAIR Public Release 2018-747. Distribution Statement A – “Approved for public release; distribution is unlimited”
PEO(A) Products

MH-60R
MH-60S
MH-60H
C-38
C-12
C-37
C-40
C-20
UC-35
G-550

Littoral Surveillance Radar System
Advanced Airborne Sensor

CH-53E
CH-53K

AN-SSQ-53
AN-SSQ-125
AN-SSQ-101
AN-SSQ-62
AN-SSQ-36

MH-53E

E-6B

Digital Red Switch
Carbon Brakes

PMA-207
PMA-299
PMA-290
PMA-276
PMA-274
PMA-275
PMA-271
PMA-264
PMA-261

Advanced Sensors Tech
FAB-T Multi-Role Tactical Common Data Link

AH-1Z
AH-1W
CV-22
PMA-278

PMA-207

PMA-271

PMA-264

PMA-261

PMA-299

PMA-275

PMA-276

PMA-274

PMA-290

PMA-278

PMA-207
# PEO(A) Program Life Cycle

<table>
<thead>
<tr>
<th>Analysis Of Alternatives</th>
<th>Material Solution Analysis</th>
<th>Technology Development</th>
<th>Engineering &amp; Manufacturing Development</th>
<th>Production &amp; Deployment</th>
<th>Operations &amp; Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future Vertical Lift (FVL)</td>
<td>ACAT I</td>
<td></td>
<td>VH-92A</td>
<td>CH-53K</td>
<td>CH/MH-53E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>P-8A</td>
<td>VH-3D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MV-22 / CV-22 / CMV-22</td>
<td>VH-60N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AH-1Z</td>
<td>AH-1W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>KC-130J</td>
<td>UH-1Y</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Advanced Airborne Sensor</td>
<td>EP-3E</td>
</tr>
<tr>
<td></td>
<td>ACAT II</td>
<td></td>
<td></td>
<td></td>
<td>E-6B</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>P-3C</td>
</tr>
<tr>
<td></td>
<td>ACAT III</td>
<td></td>
<td></td>
<td></td>
<td>MH-60R</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MH-60S</td>
</tr>
<tr>
<td></td>
<td>ACAT IV</td>
<td></td>
<td></td>
<td></td>
<td>HH-60H</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SH-60B/F</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Air ASW Systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sonobuoys &amp; Sensors</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Transition From Development to Production / O&S**

- **CH/MH-53E**
- **VH-3D**
- **VH-60N**
- **AH-1W**
- **UH-1Y**
- **EP-3E**
- **E-6B**
- **P-3C**
- **MH-60R**
- **MH-60S**
- **HH-60H**
- **SH-60B/F**
- **Air ASW Systems**
- **Sonobuoys & Sensors**

**Transition From Development to Production / O&S**

- **Air Deployable Active Receiver (ADAR)**
- **E-6B Multi Role-Tactical Common Data Link (MR-TCDL)**
- **Multi-Static Active Coherent (MAC)**
- **C-130T Avionics Obsolescence Upgrade (AOU)**
PEO(A) FY18 Small Business

- Boeing
- Bell-Boeing
- Bell
- Lockheed Martin
- Sikorsky

Legend:
- Prime
- Competency/Field
- CSS HQ
- SBIR/STTR
- Other Services
PEO(A) Small Business Execution

Small Business Innovation Research (SBIR)

- **Automated, Rapid Non-Destructive Inspection of Large Scale Composite Structures (PMA-261)**
  - 2010-2018
  - Stand-off, large area thermography for rotor blade damage inspections

- **Spread Spectrum Techniques for Sonar Ping Technology (PMA-264)**
  - 2011-2016
  - Spread spectrum waveforms to reduce detect to engage timeline, integrated into the AN/SSQ-125A Multi-static Active Coherent source sonobuoy

Rapid Innovation Fund (RIF)

- **Enhanced Health Usage Monitoring Systems Capabilities (PMA-261)**
  - 2017-2019
  - Serial digital infrastructure for sensor array installation to detect cracks and monitor health of critical static structural members

- **Environmental Wideband Acoustic Receiver and Source (PMA-264)**
  - 2016-2018
  - Mature the design and reduce the size/weight of the sonobuoy from its present form factor
PEO(A) Future Small Business Opportunities

• Work with Prime Contractors
• Additive Manufacturing
• Data Visualization/Analysis
• Contractor Logistic Services
• SBIR Opportunities
  ▪ Sensor
  ▪ Algorithms
  ▪ Material

Principal Deputy Program Managers are your Small Business Advocates