Aviation Systems Project Office

Colonel Mathew Hannah
Project Manager
Mr. Jimmy Downs
Deputy Project Manager
Aviation Systems Portfolio

Affects Every Aviation Platform
49 Distinct Product Lines
$572M FY18 Annual Budget

AVIATION NETWORKS & MISSION PLANNING

AVIATION MISSION EQUIPMENT

AVIATION GROUND SUPPORT EQUIPMENT

AERIAL SUPPORT EQUIPMENT

DEGRADED VISUAL ENVIRONMENT

AVIATION MISSION SUPPORT EQUIPMENT

AIR TRAFFIC CONTROL

PM Aviation Systems – Enabling Army Aviation
Aircraft Notebook (ACN)

- Manages maintenance activities and record keeping to maintain airworthiness of all U.S. Army aircraft
- Simplifies the recording of maintenance actions, initiating work and supply requests, leveraging reference material from maintenance manuals
- Government Owned - Developed by AMRDEC SED
- Currently fielding to UH-72A Lakota, Fixed Wing, and UAS aircraft
- Migrating to GCSS-Army Increment 2 as its “at-platform” application and user interface
- Operates in connected and disconnected modes
- Data synchronizes continuously while connected
- Streamlines Aircraft Phase Inspection
- Integrated with Interactive Electronic Technical Manuals
- Integrated with platform Digital Source Collector ground station software
- Entry point for recording Conditioned Based Maintenance (CBM)

<table>
<thead>
<tr>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
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<tbody>
<tr>
<td>V1.1 Software Material Release</td>
<td>V1.1 LDD RW</td>
<td>V1.1 Rotary Wing Fielding</td>
<td>V1.1 UAS Fielding</td>
<td>V1.1 ATO/CON RMF</td>
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<td>V1.1 Rotary Wing Fielding</td>
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Condition Based Maintenance Tools Integration
Intuitive User Interface
Interactive Electronic Technical Manual Integration
Aviation Systems Fielding Efforts

The Aviation Systems Project Office has completed over 35,070 fielding actions in FY17 across 14 systems to all three components; Active Army, Army National Guard, and Army Reserve

<table>
<thead>
<tr>
<th>Product Office</th>
<th>Product</th>
<th>Oct-16</th>
<th>Nov-16</th>
<th>Dec-16</th>
<th>Jan-17</th>
<th>Feb-17</th>
<th>Mar-17</th>
<th>Apr-17</th>
<th>May-17</th>
<th>Jun-17</th>
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<th>FY17 Total</th>
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Fieldings include new systems, software, and MWOs
Aviation Systems Fielding Efforts

- Unit Readiness focused Modification Work Order (MWO) execution
  - Optimized MWO Scheduling
    - Schedules are developed that leverage the simultaneous installation of different MWO’s
  - Leveraging DEPOT Maintenance
    - MWOs performed in conjunction with Depot level maintenance efforts
  - Block Mods
    - Closely collaborate with other the Platform and System Program Managers to consolidate mods into one MWO install
  - Leveraged efforts
    - Design MWOs with provisions for follow on MWOs in order to reduce installation times

- Quarterly Aviation Synchronization Meeting (QASM)
  - Integrate Aviation Systems 14 different Materiel fielding's and MWOs with the Operating force during the Army’s Quarterly Aviation Synchronization Meeting
  - Actively engage Army Staff, FORSCOM Staff, and CORP Staffs
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PM Aviation Systems – Enabling Army Aviation
Questions?