# Schedule of Presentations

## Day 1 – Wednesday 25 May 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>11:30</td>
<td>PEO RW Strategic Overview</td>
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<tr>
<td>14:30</td>
<td>MH-47G, MH-60M, MELB Program Update</td>
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<td>Mission Equipment Program Update</td>
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<td>SOF Training Systems Update</td>
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## Day 2 – Thursday 26 May 2016

<table>
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<th>Time</th>
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<tr>
<td>09:00</td>
<td>PEO RW Strategic Overview</td>
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<td>10:45</td>
<td>MH-47G, MH-60M, MELB Program Update</td>
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<td>Mission Equipment Program Update</td>
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<td>SOF Training Systems Update</td>
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Agenda

• Enterprise and Portfolio Overview
• Operational Perspective
• FY15-16 Accomplishments
• New in FY17
• Way Forward
• Roadmaps
• Resourcing Strategic View
Equip the soldiers of the 160th SOAR(A) and the TSOCs SOF with unique and unequaled Rotary Wing capabilities.

Sustain the unique aircraft operated by the 160th SOAR(A) and the TSOCs.

Support the Global SOF Network through responsive resourcing.
PEO RW Portfolio

MOBILITY

A/MH-6
Light Attack/Assault

Medium Assault MH-60

Heavy Assault MH-47

MISSION EQUIPMENT

Active Aircraft Survivability Equipment

Passive Aircraft Survivability Equipment

Avionics

Sensors

Silent Knight Radar

TRAINING SYSTEMS

A/MH-6M Little Bird

MH-47G CMS

MH-60L/M CMS

Battle Staff Training
Exercise Management Control

MOBILITY MISSION EQUIPMENT TRAINING SYSTEMS
SURGICAL STRIKE:
SURVIVABILITY:
ENVIRONMENTAL:
LONG RANGE:

Inbound

Outbound

Mazar e Sharif

Konduz

Objective

NORTH
CASEVAC:

- Enemy Fire
- Early Warning System

NORTH

CHECK POINT

OBJECTIVE

RP
ARSOA in 2009-Current

Era Technology
- Training (TTP Shift, DAFCS TNG) 80% reduction in Dust landing accidents
- MMR (Increased S/A, All weather)
- IR countermeasures (Improved UV Spectrum, less visible)
- Communications (Additional ARC-231)
- CAS coordination (FAC-A TNG, WTI, Lighting)
- In-Flight Fuel (DAFCS)
- Dust Landing Training (Full use of DAFCS, enroute and terminal)
- Navigators (2-GPS, EGI, INU)
- CAAS (Mission Processors) Rockwell Collins (Integrated)
- Shipboard Operations (DAFCS)
- Neptune Falcon (Nellis)
ARSOA in The Future

Era Technology
- Training (Simulations)
- MMR
- IR countermeasures (UV vs. two color IR)
- Communications (BLOS, Passive)
- CAS coordination (Airborne network)
- In-Flight Fuel
- Dust Landing Training (DVE)
- Navigators (Anti-spoofing)
- Mission Processors
- Shipboard Operations
- RF Protection (Passive, Active, Airborne network)
- Game Changing capabilities (Range, Payload, Environment)
FY15-16 Accomplishments

• A/MH-6M MELB Block 3.0 Entered Flight Qualification Testing
• Completed Fielding of MH-60Ms
• Completed MH-47G Plus 8 New Build Effort
• Completed Conversion of MH-47E Combat Mission Simulator (CMS) to MH-47G CMS
• DVEPS Vendor Down-Select Completed
• Deliveries:
  – 14 MH-60M aircraft
  – 7 MH-47G aircraft
  – 11 MH-47G Block 2.3 upgrades
  – 8 A/MH-6 Block 2.2 upgrades
  – 6 Silent Knight Radar LRIP systems
New Programs:
- MH-47G and CH-47F Block II Collaboration – FY17
- Missile Warning System FY16-17
- Degraded Visual Environment integration and Qualification
- Airborne Mission Network
- Directed Energy

RW S&T Roadmap
Way Forward 2017

- Recapitalize the MH-47G fleet
- Modernize and recapitalize the MELB fleet
- Gain advantage in Survivability Equipment
- Lead the department in degraded visual environment development
- Expand platform mission network capability
- Weight reduction initiative
- Security Assistance and Foreign Military Sales
- Optimize RDT&E planning to SOF-p requirements
- Focus the network on Rotary Wing interest areas
# RW Roadmap

<table>
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<tr>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
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### Long Range Objectives
- Expand flight envelope
- Increase safety
- Reduce sustainment

### Fully Fused Sensors
- Adv/Integ Nav System
- Sat. Based Terrain Map
- Unconstrained Env. Cap.

### Light Weight, Increased Lethality Direct Engagement System
- Full-Spectrum Signature Management

### Multi Ship S.A. Sharing
- Cloud Based Info.
- OTH Information Sharing

### Non-USSOCOM Effort
- Non-Funded Effort

### USSOCOM S&T Effort
- Non-Funded USSOCOM S&T Effort

### USSOCOM RDT&E
- USSOCOM PROC

### Key Projects
- **MH-47G Emerging Block II G SOF Mod**
  - Adv Common Rotor Blade / Improved Drive Train / Improved Upturned Exhaust System

- **AATD JMR / Army Future Vertical Lift**
  - FVL MEP Definition

- **AATD Adaptive Vehicle Management System**

- **SKR DTED / AGR**

- **Multi-function/Multi-Spectral Sensors**

- **IRCM Fielding / SIRFC Upgrades**

- **Little Bird IRCM / Common IRCM Development**

- **Advanced / Hard Kill Defensive Systems**
  - Directed Energy Weapons

- **SRTV / MPU P3I / Airborne Mission Network Fielding**
  - Video Processing / Ethernet / Future Aircraft Architecture Studies / Next Gen SRTV

- **Thru Rotor WB SATCOM Antenna**

- **HB Width RW Information Management**
  - Next Gen Lightweight Digital HBW OTH Comms/Datalink

- **Non-USSOCOM Effort**
- **USSOCOM S&T Effort**
- **USSOCOM RDT&E**
- **USSOCOM PROC**
H-47 Block II is the first increment of a multi-block strategy designed to affordably maintain the Army’s heavy-lift capability through 2060.
Resourcing Strategy

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All in Millions $
Questions