PEO-FW Organization

ACQUISITION EXECUTIVE

PEO FIXED WING

DPEO FIXED WING

SR BUSINESS FINANCIAL MANAGER

PROGRAM INTEGRATION

DIRECTOR SYSTEMS ENGINEERING

EXECUTIVE ASSISTANT

DIRECTOR UNMANNED AIRCRAFT SYSTEMS

DIRECTOR SOF C130s, CV-22 & MISSION SYSTEMS

DIRECTOR ISP (AC-130J/W & SOPGM)

DIRECTOR MANNED ISR & NSAV

DIRECTOR TECHNOLOGY INSERTION

COMMANDER Det 1
FY15 Execution

31 FW Aircraft

- Two AC-130Js
- Four MC-12s
- One JAVAMAN
- Nine MC-130Js
- Three CV22s
- 12 MQ-9s

791 FW Munitions

- 90 Bomb Units, BLU-133, 129, 126
- 50 GBU-49 Guided Bomb Units
- 99 GBU-39B/B Laser Small Diameter Bombs
- 552 AGM-176A Griffin Missiles
Manned ISR, NSA, AvFID, & Next Gen ISR

- U-28A
- C-145A Skytruck
- JAVAMAN/MC-12W
- C-146A Wolfhound
Manned Intel, Surveillance and Reconnaissance

- **Capability Description:** Provide Tactical Airborne Intelligence, Surveillance, and Reconnaissance (ISR) to SOF
- **On-Going Efforts:** Missile Warning System Upgrades, SD to HD Upgrades; IMINT and SIGINT Upgrades
- **Future:** Low Cost Mods Focused on Communication System Upgrades

### Acquisition Strategy
- Operational System in Sustainment with Evolutionary Mission System Technology Insertions

### Periods of Performance
- 12 Months per Mission Design Series
  - U-28: 1 Nov - 31 Oct
  - MC-12: 15 Dec – 14 Dec

### Milestones
- None – In Sustainment

### Point of Contact
- 813.826.9482 (TILO)

### Funding
- **U-28**
  - FY16: $231M
  - FY17: $217M
- **MC-12**
  - FY16: $16M
  - FY17: $23M

### Current Contract/OEM
- Sierra Nevada Corp (U-28)
- L3 Communications (MC-12)
Non-Standard Aviation/Aviation Foreign Internal Defense

**ACQUISITION STRATEGY**
- NSAv – Utilizes 645 Aeronautical Systems Group to Procure Aircraft, Necessary Training systems, equipment, and Aircraft Upgrades/Modifications. Single Contractor
- AvFID – C-145 Sustainment

**PERIOD OF PERFORMANCE**
- 12 Months
- NSAv: 1 DEC 2015 - 30 NOV 2016
- AvFID: 1 JAN 2016 - 31 Dec 2016

**FUNDING**
- **NSAv**
  - FY16: $143M
  - FY17: $115M
- **AvFID**
  - FY16: $5M
  - FY17: $8M

**MILESTONES**
- NSAv – Completed Upgrade of 18 Aircraft from Block 10 to Block 20 Configuration (FAA Certified NVG Cockpit, Soft Smoke Barrier, Cottonmouth)
- AvFID – Sierra Nevada Contractor Logistics Support

**POINT OF CONTACT**
- 813.826.9482 (TILO)

**CURRENT CONTRACT/OEM**
- Sierra Nevada Corp (NSAv and AvFID)

**Capability Description:** Non-Standard Aviation (NSAv) C-146 Supports Intra-Theater Transport and Casualty Evacuation. Aviation Foreign Internal Defense (AvFID) C-145 Provides Proficiency Training at Duke Field, FL

**On-Going Efforts:** Acquisition of C-146 #19/#20; C-146 Simulator; Divestment of 11 of 16 C-145’s

**Future:** Low Cost Modifications and Sustainment
# Next Generation ISR

**Capability Description:** Provides Next Generation of Tactical Airborne ISR In Support of Special Operations Forces (SOF)

**Ongoing:** Next Generation Manned ISR Study to Identifying Capability Gaps

**Future:** Analysis of Alternatives (AoA) to Identify Potential Platforms and Systems

## Acquisition Strategy
- AoA Jul 16 – Jan 17
- Program Objective: Missionize / Sustain TBD Aircraft
- Design Approach: Modularized / Rapidly Reconfigurable Design

## Period of Performance
- AoA Jul 16- Jan 17

## Milestones
- Complete Next Gen ISR Study
- Award Analysis of Alternatives Contract July 16

## Point of Contact
- 813.826.9482 (TILO)

## Funding
- FY16: $500K RDT&E
- FY17: $1M RDT&E

## Current Contract/OEM
- Johns Hopkins University - Applied Physics Lab (JHU-APL) for NexGen ISR Study and AoA
Unmanned Intelligence, Surveillance, & Reconnaissance (ISR) Systems

**Group I UAV**
- Max Payload: ~5 LBS
- Max Radius: ~10nm

**GROUP II UAV**
- Max Payload: ~10 LBS
- Max Radius: ~200nm

**GROUP III UAV**
- Max Payload: ~90 LBS
- Max Radius: ~1000nm

**GROUP IV UAV**
- Max Payload: ~850 LBS
- Max Radius: ~1400nm

**GROUP V UAV**
- Max Payload: ~1000 LBS
- Max Radius: ~10000nm
Medium Altitude Long Endurance Tactical (MALET) (MQ-1C, MQ-9)

- **Capability Description**: SOCOM MQ-1C/9 Aircraft are an Armed, Multi-Mission, Long-Endurance Remotely Piloted Aircraft That Provides a Unique Capability to Perform Strike, Coordination, and Reconnaissance Against High-Value, Fleeting, and Time-Sensitive Targets
- **On-Going Efforts**: 30 Currently Active Modification Projects
- **Future**: Reduced Size, Weight and Power; Increased Sensor Detection/Resolution; Modular Payload Architecture

**ACQUISITION STRATEGY**
- Evolutionary Acquisition Program that Provides Improvements to MQ1C/9 UAVs, Ground Control Stations, and Training Systems, Mission Payloads, Aircraft Weapons Integration and Modification

**PERIOD OF PERFORMANCE**
- Various

**FUNDING**

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<thead>
<tr>
<th></th>
<th>MQ-1C</th>
<th>MQ-9</th>
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<tbody>
<tr>
<td>FY16</td>
<td>$ 2M</td>
<td>$ 66M</td>
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<tr>
<td>FY17</td>
<td>$ 4M</td>
<td>$ 56M*</td>
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*Pending Congressional Add and OCO Requests

**MILESTONES**
- Post Milestone C, Tech Insertion and Sustainment

**CURRENT CONTRACT/OEM**
- General Atomics (MQ-1C, MQ-9)
- Raytheon (FMV Sensor)

**POINT OF CONTACT**
- 813.826.9482 (TILO)
**Small UAS (SUAS) / Multi-Mission Tactical UAS (MTUAS) / Medium Endurance UAS (MEUAS)**

- **Capability Description:** Runway independent launch/recovery and modular/interchangeable payloads.
- **On-going Efforts:** Electro Optical/Infrared, SIGINT/EW, and Communications Relay Payloads Interoperable with Joint and SOF Architectures
- **Future:** Reduced Size, Weight and Power; Small Footprint Launch/Recovery; Suite B Encryption

### Acquisition Strategy
- Evolutionary Acquisition Programs that Deliver, Integrate, and Qualify SOF-Unique Mission Kits, Mission Payloads, Air Vehicle Enhancements, and Ground Station Upgrades
- Contractor Owned and Operated (MEUAS)
- Government Owned and Operated (SUAS/MTUAS)

### Period of Performance
- Various

### Funding
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>SUAS (SUAS)</th>
<th>MTUAS (MTUAS)</th>
<th>MEUAS (MEUAS)</th>
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<tr>
<td>FY16</td>
<td>$11M</td>
<td>$9M</td>
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<tr>
<td>FY17</td>
<td>$12M</td>
<td>$27M</td>
<td>$80M</td>
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</table>

### Milestones
- Post Milestone C (SUAS/MTUAS/MEUAS)

### Current Contract/OEM
- AeroVironment (Puma AE)
- Insitu (Scan Eagle)
- AAI (Aerosonde)

### Point of Contact
- 813.826.9482 (TILO)
SOF C-130s, CV-22, and Mission Systems

- AC-130U
- CV-22
- Flight Simulator
- C-130J Instrument Panel
- Crash Worthy Seat
- MC-130J
- SOMPE
- EC-130J
**Legacy C-130s**

- **Capability Description**: Sustainment mods to improve reliability and maintainability, correct deficiencies, address obsolescence, incorporate mission enhancements, and critical safety changes
- **On-going Efforts**: Radar upgrades, avionics upgrades, gun system improvements, structural improvements, Military Information Support Operations capability replacement, and installation of the SOF-unique portions of the C-130J block cycle software and hardware upgrades
- **Future**: Install Emergency Equipment Bins, Light Weight Armor for Paratroop Doors, Hostile Fire Sensor

**ACQUISITION STRATEGY**
- Operational System in Sustainment with Evolutionary Technology Insertions

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Post Milestone C: Legacy Aircraft: MC-130H, EC-130J, and AC-130U/W

**POINT OF CONTACT**
- 813.826.9482 (TILO)

**FUNDING**
- FY16: $26M
- FY17: $33M

**CURRENT CONTRACT/OEM**
- Various
**MC-130J Modifications**

- **Capability Description**: Modified C-130Js to Perform Low-level Infil/Exfil, Airdrop, Resupply and In-Flight Refueling
- **On-going Efforts**: Add Terrain Following Radar and Survivability Systems
- **Future**: Incrementally Automate SOF Mission Systems to Reduce Aircrew Workload

**ACQUISITION STRATEGY**
- Post-production Modifications to New Aircraft Recapitalizing Legacy Fleet

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Milestone B: MC-130J Inc 3 / MCTF
- Pre-Milestone B: RF Countermeasures

**POINT OF CONTACT**
- 813.826.9482 (TILO)

**FUNDING**
- FY16: $116M
- FY17: $176M

**CURRENT CONTRACT/OEM**
- Lockheed Martin (C-130J, Inc3)
- Lockheed Martin/Raytheon (MCTF)
- BAE (RFCM)
- Northrup Grumman (RFCM)
**CV-22B Osprey**

- **Capability Description**: Provides Long Range, High Speed, All-Weather, Infil/Exfil, and Resupply of Teams in Hostile, Denied, and Politically Sensitive Areas in a Single Period of Darkness
- **On-going Efforts**: Beyond Line of Sight Antenna, Landing/Search Light and Color Heads Up Display
- **Future**: Multi-Mode Radar Replacement with Silent Knight Radar

### ACQUISITION STRATEGY
- Operational Systems in Sustainment With Evolutionary Technology Insertions

### PERIOD OF PERFORMANCE
- Various

### MILESTONES
- Post Milestone C: Production and Sustainment Through a Joint Performance Based Logistics Contract

### POINT OF CONTACT
- 813.826.9482 (TILO)

### FUNDING
- FY16: $34M
- FY17: $35M

### CURRENT CONTRACT/OEM
- Bell-Boeing Prime (OEM)
- Multiple Contracts (Low Cost Mods)
- Final Aircraft Delivery in 2018
Missions Systems

**ACQUISITION STRATEGY**
- Limited/Full and Open Competition Contracts for Major Acquisitions

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Post MS-C: Acq Project: SOMPE

**POINT OF CONTACT**
- 813.826.9482 (TILO)

**FUNDING**
- FY16: $35M
- FY17: $41M

**CURRENT CONTRACT/OEM**
- Various

- Capability Description: Enables Mission Planning and Execution for SOF across all Components
- On-going Efforts: Electronic Takeoff and Landing Data, Android Tactical Assault Kit, Mobile Device Integration, Capital Equip Replacement
- Future: Continued Special Operations Mission Planning Equipment Software Development/Sustainment
Integrated Strike Programs

- SOPGM Door
- Medium Caliber Gun
- Battle Management System
- Griffin
- Laser SDB
- AC-130J
- AC-130W
- SOPGM Door
- Dual EO/IR Sensors
- Integrated Strike Programs
**AC-130W Stinger II**

- **Capability Description**: Close Air Support and Air Interdiction in Support of Ground Forces
- **On-Going Efforts**: 105mm Gun, Expanded Crew Positions, and Improved Crew Communications
- **Future**: HUD/HMD, Enhanced Defensive Countermeasures

### Acquisition Strategy
- Modified 12 AC-130 Aircraft with Precision Strike Package

### Period of Performance
- Various

### Milestones
- Post MS B, Engineering and Manufacturing Development
- Complete Operational Utility Evaluation
- Preparing for Deployment – Fall 2016

### Point of Contact
- 813.826.9482 (TILO)

### Funding
- FY16: $26M
- FY17: $16M

### Current Contract/OEM
- SNC (MOPs / SOPGM Door)
- L3 TCS (A-Kits)
- L3 WesCam (Sensors)
- L3 ForceX (Software)
- RCVS Elbit (HMD)
- ATK (30mm Gun)
**AC-130J GHOOSTRIDER**

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Modify 37 Donor MC-130 Aircraft with Precision Strike Package</td>
<td>• Various</td>
<td>• Post MS B, EMD</td>
</tr>
<tr>
<td>• Utilize AC-130W as Risk Reduction</td>
<td></td>
<td>• Completed Operational Utility Evaluation</td>
</tr>
<tr>
<td><strong>POINT OF CONTACT</strong></td>
<td></td>
<td>• Preparing for MS C and 105mm DT – Summer 2016</td>
</tr>
<tr>
<td>• 813.826.9482 (TILO)</td>
<td></td>
<td>• Preparing for IOT&amp;E – Spring 2017</td>
</tr>
<tr>
<td><strong>FUNDING</strong></td>
<td></td>
<td><strong>CURRENT CONTRACT/OEM</strong></td>
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<tr>
<td>• FY16: $212M</td>
<td></td>
<td>• Lockheed Martin (Integration)</td>
</tr>
<tr>
<td>• FY17: $223M</td>
<td></td>
<td>• SNC (MOPs)</td>
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<tr>
<td><strong>CURRENT CONTRACT/OEM</strong></td>
<td></td>
<td>• L3 WesCam (Sensors)</td>
</tr>
<tr>
<td><strong>ACQUISITION</strong></td>
<td></td>
<td>• L3 ForceX (Software)</td>
</tr>
</tbody>
</table>

- **Capability Description:** Close Air Support and Air Interdiction in Support of Ground Forces
- **On-Going Efforts:** 105mm gun, Expanded Crew Positions, and Improved Crew Communications
- **Future:** Larger Sensors, Side HUD, Enhanced Defensive Countermeasures, Improved Communications

- • Modify 37 Donor MC-130 Aircraft with Precision Strike Package
- • Utilize AC-130W as Risk Reduction
- • 813.826.9482 (TILO)
- • FY16: $212M
- • FY17: $223M
- • Lockheed Martin (Integration)
- • SNC (MOPs)
- • L3 WesCam (Sensors)
- • L3 ForceX (Software)
### Stand Off Precision Guided Munitions

- **Capability Description:** Procure and Develop Precision Guided Munitions (PGM)
- **On-Going Efforts:** Integrating Small Glide Munition, Small Diameter Bomb II and Enhanced Paveway II on SOF platforms
- **Future:** Investigate SMART 105 and Multi-Mode Seeker Technology

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<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
</table>
| • Leverage Service Common PGMs for SOF Use  
• Fund Limited Development of PGMs for SOF Unique Operational Requirements | • Various | • Fielded Hellfire R9H  
• Fielded GBU-49 with BLU-126/129 |

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<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/OEM</th>
</tr>
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</table>
| • 813.826.9482 (TILO) | • FY16: $98M  
• FY17: $95M | • Lockheed Martin (Hellfire Missile)  
• Raytheon Corp (Griffin Missile /GBU-49)  
• Boeing Corp (SDB/LSDB)  
• Dynetics Corp (Small Glide Munition) |
FW Technology Insertion

Special Applications for Contingencies (SAFC)

AC-130 High Energy Laser (HEL)

DO-328 Cougar

PEO-FW SENSORS / PLATFORM INTEGRATION

<table>
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<tr>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
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<tbody>
<tr>
<td>Sensor Technology for Group I-III UAS (SAFC)</td>
<td>Modular Payloads for Group IV/V UAS &amp; Manned</td>
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<td></td>
<td></td>
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<tr>
<td>(Capability Improvements, Reduced SWaP, &amp; Multi-INT Fusion)</td>
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<tr>
<td>Sensor Development &amp; Testing</td>
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<tr>
<td>HDIR Resolution Enhancement</td>
<td>Improve Concealed, Weather-Degraded, Complex Environments Operations</td>
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<td>3D Multi-Color, Long Range Read</td>
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<tr>
<td>Foliage Penetration (FOPEN), LDR</td>
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<tr>
<td>Multi-Mode Imaging, Tracking &amp; Tracking</td>
<td>Tag Tracking</td>
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<tr>
<td>Medium Range Area Motion Imager (MRAIM)</td>
<td>Reduced Size, Weight, Power (SWaP), Robotic, Multi-Tasking</td>
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<tr>
<td>Platform Integration (SUAS, MTUAS, MQ-1C, MQ-9, AC-130)</td>
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<tr>
<td>Next Gen Manned ISR AoA</td>
<td>Platform Integration (Manned ISR)</td>
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<tr>
<td>Tactical On-Board Sensor/AD</td>
<td>TOBS Transition For AC-130J</td>
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</tbody>
</table>
FW Emerging Technology

Lab Capabilities
- CNRD
- DARPA
- ARL

User Requirements
- POM & Budget
- Tech Insertion Roadmaps

PEO-FW Emerging Tech
- Identify Innovative Solutions
  - Capability Briefings
  - Eng Analysis
  - Test
  - TILO
  - Influence Future Requirements
- BAA
- CRADA
- Demo
- SBIR
- RIF

Fiscal Year Priorities
- Funding
- PM Tracking
- Contract Vehicle
- Schedule
- Technology maturation

Industry Engagement

Transition to User / Platform
# ISR / Sensors

## Modular Payloads for Group IV/V UAS & Manned

<table>
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<tr>
<th>FY17</th>
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<tr>
<td><strong>MALET (MQ-9, MQ-1C)</strong></td>
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<tr>
<td><strong>Small UAS / Medium Tactical UAS</strong></td>
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<tr>
<td><strong>Next Gen Manned ISR AoA</strong></td>
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<tr>
<td><strong>Platform Integration (Manned ISR)</strong></td>
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<tr>
<td><strong>Manned ISR Mods (Javaman, U-28, MC-12, DHC-8)</strong></td>
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</table>

- >HD(4K) Resolution EO/IR
- 3D, Multi-Color, Long Slant Range
- Foliage Penetration (FOPEN)/LIDAR
- Multiple Moving Target Tracking
- Wide Area Motion Imagery (WAMI)
- Improve Concealed, Weather-Degraded, Complex Environments Operations
- Real-Time FOPEN/LIDAR
- Tag Tracking
- Reduced Size, Weight Power (SWaP), Modularity, Multi-Intelligence
- Track Hostiles & Friendlies At Night In Urban, Triple Canopy During Thunderstorm

## Sensor Technology for Group I-III UAS (SAFC)

(Capability Improvements, Reduced SWaP, & Multi-INT Fusion)

- Non-SOCOM Effort
- SOCOM S&T Effort
- SOCOM Effort
- Unfunded Non-SOCOM Effort
- Unfunded SOCOM S&T Effort
- Unfunded SOCOM Effort
Kinetic Effects Integration
(MQ-1C, MQ-9, AC-130 SOF Capability Improvements, Improved Precision/Lethality Integration)

AC-130 Precision Strike Package

Griffin – Selectable Effects
- Airborne Defensive & Offensive Applications

Small Glide Munitions
- Loitering Munitions Tech

Small Diameter Bomb II
- Weapon Data Link / Video Improvements

HELLADS
- Wind Sensing Tech
- Improved Precision / Lethality 30mm/105mm

AC-130W HEL Demo
- Smart 105mm Munitions & Fuze Tech
- Targeting & Effects Tech

AC-130 HEL Integration
- Power Efficiency & SW Reduction
- ISR and Comm’s Apps

TOBS ATD
- Modes of Fire in Degraded Areas

TOBS AC-130J
- Sensor / UAV Improvements

Wide Range of Desired Lethal and Non-Lethal Effects With Minimized Collateral Damage and Signatures
## Survivability

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<th>FY17</th>
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<td>Radio Frequency Counter Measures (RFPCM)</td>
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<tr>
<td>CV-22 Silent Knight Radar</td>
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<td>AC/MC DSU</td>
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<tr>
<td>U-28 JUONS</td>
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<td>MC-12 IRSS</td>
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<td></td>
<td>Acoustic Signature Management</td>
<td>Low Signature Comm's/Antenna</td>
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<td>Infrared Signature Management</td>
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<td>VTOL Threat Suppression</td>
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<td>Threat Warning / CM Fusion</td>
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<td>Next Gen IRCM Upgrade</td>
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<td></td>
<td>FW Enhanced Survivability Tech</td>
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**Platform Integration**

**Development & Testing**

- Versatile Innovations For Multiple Functions With Wide Range Of Effects In A2AD & GPS-Degraded Environments
### Mission Automation

#### Platform Integration

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<tr>
<th>FY17</th>
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- **MC-130J Tactical Flight Management (BLK 40)**
- **MC-130J Airborne Mission Networking**
- **MC-130J DCM (BLK 50)**

#### Special Operations Mission Planning Execution

#### Mission Automation Tech

- **Pilot / CoPilot Workload Reduction**
- **CSO / TSO Workload Reduction**
- **Machine Intelligent Processing**
- **Mission Networking Tech**
- **Service Open Arch (FACE/OMS)**

#### Enhanced Tactical Flight Management

- **Smart Integration of Federation Systems**
- **Multi-Sensor Pod/Enhanced Awareness**
- **Payloads / Mission Equipment / System-To-System Open Interface**

#### Development & Testing

- **SOF Open Architecture/Standards & PED Open Interface**

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**Non-SOCOM Effort**

**Unfunded Non-SOCOM Effort**

**SOCOM S&T Effort**

**Unfunded SOCOM S&T Effort**

**SOCOM Effort**

**Unfunded SOCOM Effort**

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**Reduced Workload & Streamlined Augmentation To Manage/Share Complex Data For Improved Situational Awareness/Decision Making For Crew**
**Problem Statement:** Increased mission requirements and more complex operating environments require increased automation to reduce crew workload and positions. Investigate innovative & revolutionary approaches to improve mission effectiveness.

**Event:** 19-20 July 16 (T)
FBO & SOFWERX Website
- Tech Community
- Academia
- Gov’t SMEs

**Event Goals:** Identify paths for future R&D, experimentation, demonstrations, etc.
Special Applications For Contingencies (SAFC)

- SAFC Develops and Integrates Payloads in Unmanned Aerial Systems Payloads
- Evolutionary and Spiral-Based for Technology Insertion and Low Volume Procurement
- Future Needs: Standardized Modular Payloads, Sensor SWaP, Survivability Improvements
DO-328 “Cougar”

- Flexible Demonstration Platform for ISR Payloads, Weapons, Survivability, and Communications
- Multi-Sortie Missions Past Year:
  - 5 Transition to Ops, 5 TTPs, 3 New Tech Capabilities, 1 Upgrade Decision, 1 HW Fly-Off
- Future Efforts:
  - 10+ Demonstrations Per Year Across Capability Gaps Driven by User Priorities & Funding
Operationally Relevant Offensive 60-150 kW HEL Utilizing the 30mm Gun Port

USSOCOM, as Gov’t Prime, will Develop and Execute a 3-year Acquisition Program to Integrate an Offensive High Energy Laser onto the AC-130W

Dahlgren Phase II Trade Study Out-Brief to Leadership in July 2016

TBD FY17 New Start to Achieve a 2020 Combat Evaluation
**FW Technology Insertion**

- Bridge “Valley of Death” between Science and Technology (S&T) and Programs of Record
- Evaluate Emerging Technologies to address SOF Capability Gaps
- Rapid Demonstration Using *Borrow-Try-Decide* Model
- Focus on Game-Changing Capabilities (e.g. Third Offset)

**ACQUISITION STRATEGY**
- Utilize Variety of Contract Vehicles
- Technology Transition into Existing Programs and Platforms

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Pre-Milestone Activities

**POINT OF CONTACT**
- 813.826.9482 (TILO)

**FUNDING**
- FY16: $ 32M
- FY17: $ 29M

**CURRENT CONTRACT/OEM**
- Various (S&T, SAFC)
- Sierra Nevada Corp (Cougar O&M)
- Multiple TBD (AC-130 HEL)