

SOF AT&L

Special Operations Forces
Acquisition, Technology, & Logistics

Colonel John M. Vannoy

Military Deputy to the USSOCOM Acquisition Executive



SOF AT&L



MISSION

Provide rapid and focused acquisition, technology, and logistics to Special Operations Forces



VISION

Be the recognized expert and trusted provider to equip and sustain Special Operations Forces



PRINCIPLES

Deliver capability to user expeditiously; exploit proven techniques and methods; keep Warfighters involved throughout process; take risk and manage it!

SOF AT&L Organization



PEO SERVICES
Mr. Ted Koufas



PEO SOFSA
Special Operations Forces
Support Activity
COL Jack Dills



LOGISTICS
COL Don Wols



PEO C4
Command, Control,
Communications,
and Computers
Ms. Deb Woods



PEO SRSE
Special Reconnaissance,
Surveillance, & Exploitation
Mr. David Breede



PROCUREMENT
Col Chris Daniels



**PEO
ROTARY WING**
COL David Phillips



**PEO
SOF WARRIOR**
COL John Reim



COMPTROLLER
Mr. Dave Nuchols



PEO MARITIME
CAPT Kate Dolloff



PEO FIXED WING
Col Melissa Johnson



**SCIENCE &
TECHNOLOGY**
Ms. Lisa Sanders



**ACQUISITION
AGILITY**
Ms. Kelly Stratton-Feix



DEPUTY DIRECTOR
Mr. Jim Smith



**SENIOR ENLISTED
LEADER**
SGM Richard "Skip"
Holman

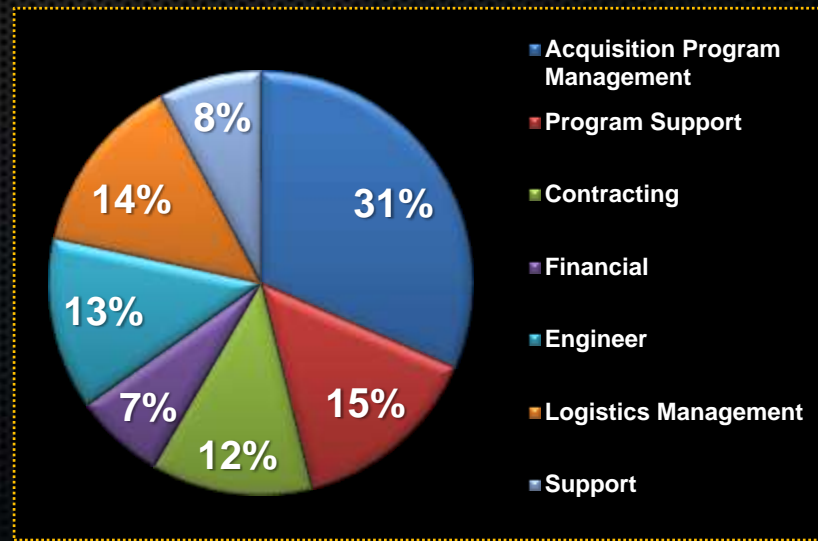
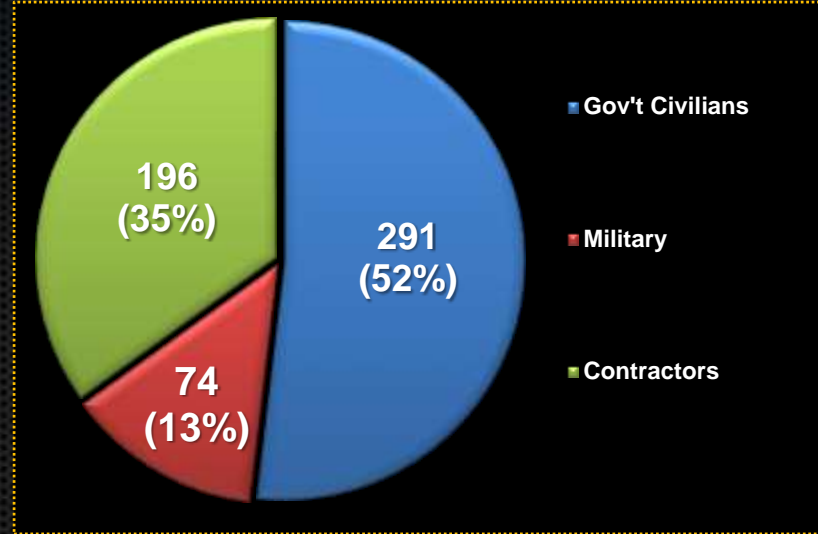


MILITARY DEPUTY
COL John Vannoy



**ACQUISITION
EXECUTIVE**
Mr. Jim Geurts

Workforce

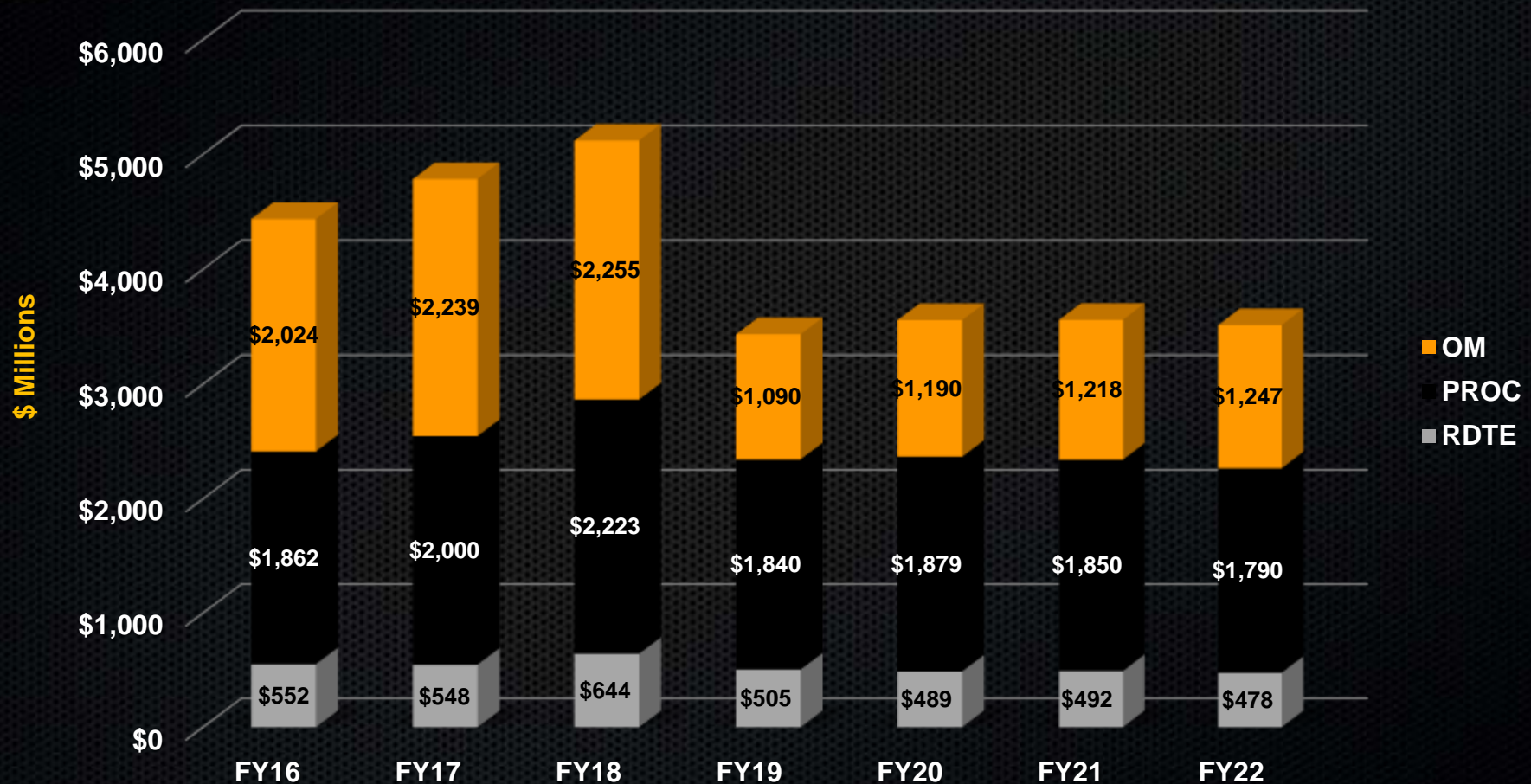


Wide Array of Programs

MILESTONE C	 <p>MAAWS</p>	 <p>MH-47</p>	 <p>DDS / SDV</p>	 <p>LRBS</p>	 <p>Intelligence Collection Systems</p>
	 <p>GMV1.1</p>	 <p>CV-22</p>	 <p>CCM Mk 1</p>	 <p>AbMN</p>	 <p>Special Operations Tactical Video System (TVS)</p>
MILESTONE B	<p>Sniper Weapons & Accessories</p> 	 <p>DVEPS</p>	 <p>SWCS</p>	 <p>Hand Held Link-16</p>	 <p>Special Operations Tactical Video System (TVS)</p>
	<p>Genedrive Bio Identifier</p> 	 <p>AC130J</p>	 <p>DCS</p>	 <p>Prometheus Block 2</p>	
	 <p>RFCM</p>	 <p>MCTF</p>	 <p>FCDW</p>	 <p>Identity Operations</p>	
	<p>GROUND 118 Programs / Projects</p>	<p>AIR 109 Programs / Projects</p>	<p>MARITIME 24 Programs / Projects</p>	<p>C4I 142 Programs / Projects</p>	<p>SRSE 66 Programs / Projects</p>

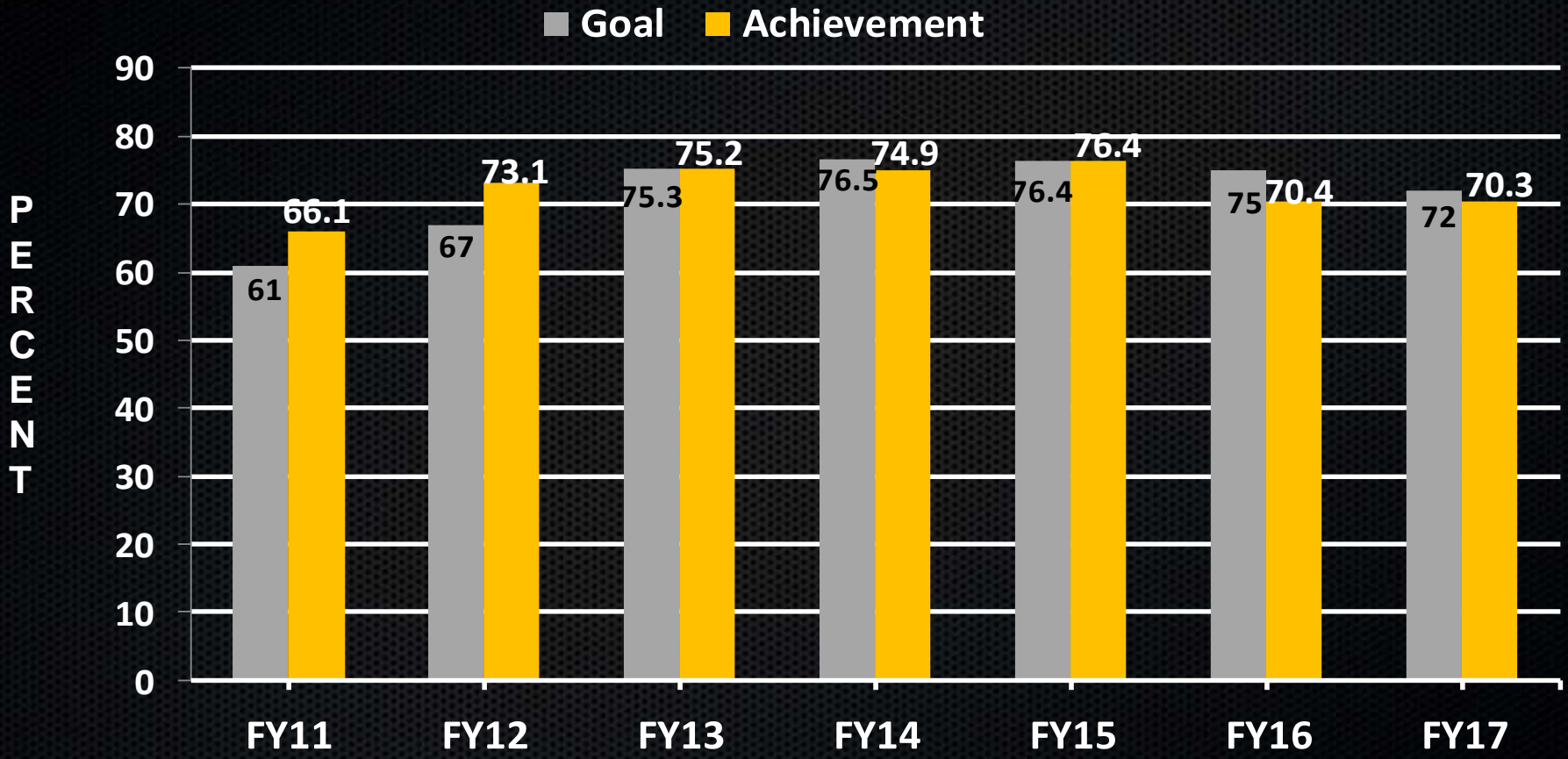
SOF AT&L Funding (MFP-11)

18 President's Budget



Does not include non MFP-11 in support of SOF

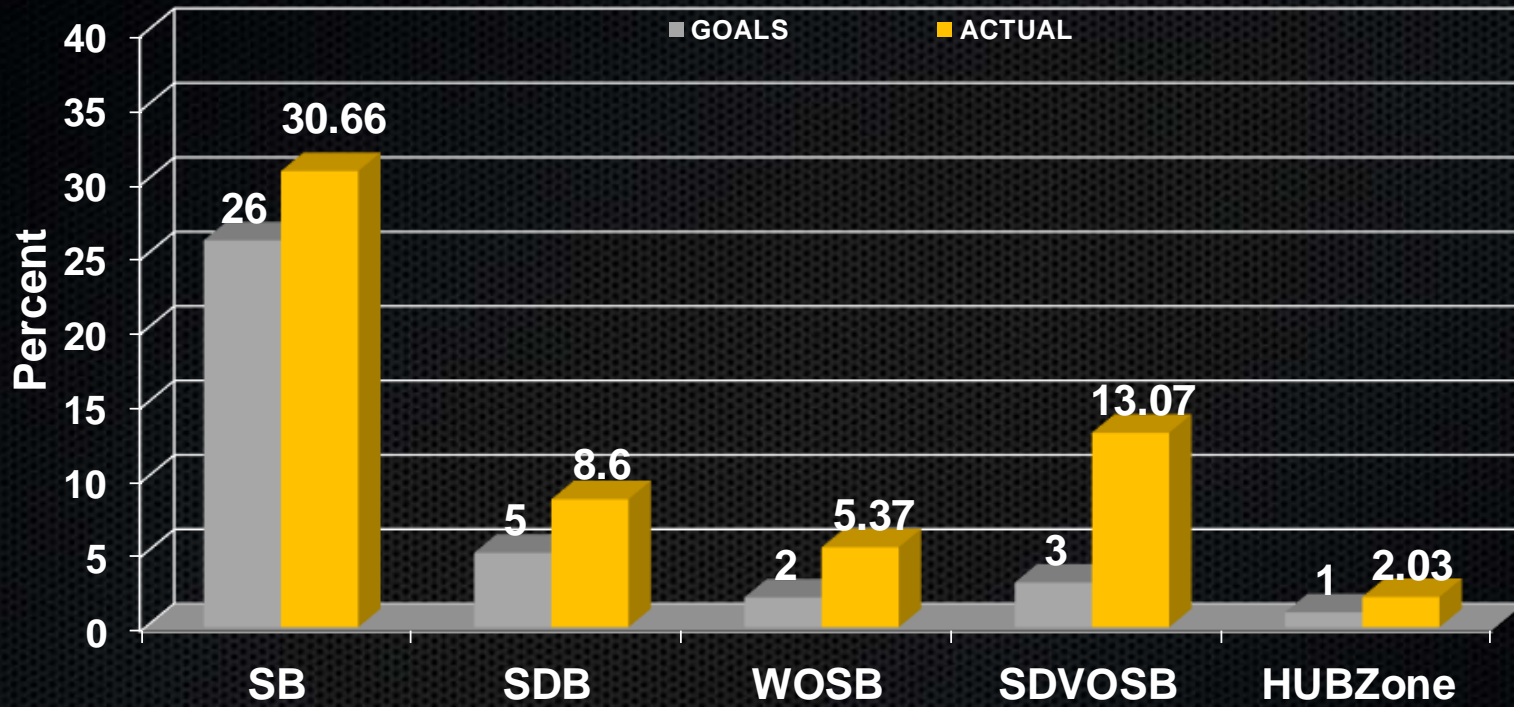
Competition Comparison (FY11-FY17)



AVAILABLE:	\$2,643M	2,699M	2,527M	2,447M	2,914M	3,241M	3,311M
COMPETED:	\$1,745M	1,974M	1,908M	1,832M	2,225M	2,280M	2,327M

Reporting Through 30 September 2017

Small Business Achievements FY17



FY16	\$979.1M	\$261.0M	\$196.1M	\$400.0M	\$67.4M
FY17	\$1.0B	\$284.5M	\$177.6M	\$432.2M	\$67.1M

Reporting Through 30 Sep 17

FY17 Acquisition Deliveries



44.4M
38,099
197
146,689
2,032
36,306
1,310
5,586
4,683
554
960
10
4
34
281
3
28
13
30
1

Rounds of ammunition
 Weapons, accessories, lasers, & visual augmentation systems
 Electronic counter measure systems
 Operator survival/equipment items
 Radios, SATCOM terminals, & ancillary equipment
 Information Technology automation devices & systems
 SOCRATES Systems
 Operator & Medic kits
 ISR kits
 Vehicles
 TACLAN FoS equipment deliveries
 New Installation Gateways; 6 CERPs completed
 Installation processing nodes
 CASEVAC kits
 Rotary Wing aircraft & systems
 Tactical MISO systems
 Fixed Wing aircraft
 Mobile Technology and Repair Centers deployed
 Maritime Surface Crafts
 Undersea Manned Submersible Prototypes



SOF to Service Transition

Light Tactical All-Terrain Vehicle – MRZR-D:

- USMC - 144
- USA – 33 to 82nd Airborne Div, Global Response Force for Combat Evaluation

Mine Resistant Ambush Protected – All Terrain Vehicles (M-ATV):

- 158 M-ATV transitioned to Leghorn Army Depot (LAD) APS-2

Ground Mobility Vehicle 1.1:

- Directed Requirement US Army
- 612 Vehicles: 295 Army; 317 USASOC

DAGOR:

- 82nd ABN DIV purchased 70 DAGORs using a DLA IDIQ Contract Tactical Assault Kit (TAK)
- PM SOMPE fielding Theater SOF (USASOC) Nett Warrior (NW) that includes ATAK software
- 82nd Airborne Division elements forward in IZ are a test bed for fielding ATAK-only kits to conventional forces; requested through ONS
- PEO Soldier currently in discussions to select ATAK as primary fielded software for all NW builds starting in 2020

MODI:

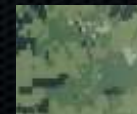
- USMC procured 40 MODI I & 583 MODI II follow-ons

SPEAR (SOF Personal Equipment Advanced Requir)

- MICH helmet to Army Combat Helmet
- Protective Combat Uniform to Army ECWCS
- AOR1/2 camouflage patterns to Navy
- Low Vis Armor to Army

Maritime High Mobility Artillery Rocket System (HIMARS):

- Leveraged USA PoR to develop organic maritime precision strike capability
- Request for Forces (RFF) with USMC provides hardware and personnel for fielding and deployment
- USN continues efforts to demonstrate capability on Navy platforms to facilitate
- potential transition



Supporting Partnered Operations

- **Section 1207 and 1208 CONOPS**
 - 20 active CONOPS in CENTCOM, AFRICOM, EUCOM and PACOM AORs
 - \$30M for Materiel Fielding Requirements Annually
- **Section 1209 Supporting CENTCOM / SOCCENT Syrian Train & Equip**
 - Requirements for FY15 \$367M; FY16 \$215M, FY17 \$289, FY18 \$516M

WEAPONS



AMMO



OCIE



COMMS



VEHICLES



All photos and illustrations are UNCLASSIFIED

Full Spectrum Logistics



Distribution →

Bare Basing →

Warehousing →

Maintenance →



International Operations

INTERNATIONAL COOPERATION AGREEMENTS

CAPABILITY DEVELOPMENT

- Collective Knowledge of Partnering Nations' Technology Base
- Equitable share of Cost Burden

5 Bilateral SOF Capability Development Agreements

1 Multilateral SOF Capability Development Agreement (FVEY)

3 S&T Liaisons to SOF AT&L

5 Combating Terrorism Research & Development (CTRD) Agreements



Example: Collaborative Development of Diesel LTATVs

DIRECT COMMERCIAL & FOREIGN MILITARY SALES



COALITION WARFARE PROGRAM (CWP)

Since 2010 – 5 Projects (\$13.5M)

3 Complete

2 Projects Ongoing

3 Transitioned / Fielded



FOREIGN COMPARATIVE TESTING (FCT)

Since 1996 – 80 Projects (\$102M)

74 Complete

5 Ongoing (1 Tech Assessment)

52 Transitioned / Fielded

(\$525M Proc)



Enabled by Tools

Project Vulcan

Turn Everyone into a Sensor



SOFWERX

Create Venues for “Return on Collisions”



S&T Council

Voice of the SOF Stakeholder

Technical Experimentation



SOFIC



Industry Engagement

TILO 2.0



PEO CRADAs

Over 200 active agreements



ThunderDrone

ThunderDrone: A Collaborative USSOCOM/OSD Strategic Capabilities Office Initiative

A Living Drone Test Bed:

- Drone Think-tank & Marketplace
- Drone Experimentation - Proof of Theory/Concept
- Rapid Prototyping and Testing

Three parallel lines of effort, using the SOFWERX Model

1. Building & controlling swarms (3, 33, 333)
2. Building and/or identifying the right drones/insects
3. Synergistic and Kinetic Applications

<https://www.facebook.com/ussocom/videos/1534347333307688/>

Engagement Opportunities



- S&T Industry Engagement Event - January 2017 (Exact Date TBD)
- 2018 S&T BAA – 20 Apr – 5 Jun
- Small Business Roundtable with AE 13 Dec @ SOFWERXs
- Small Business Innovation Research (SBIR) www.ussocomsbir.com
- National 8(a) conference in Nashville 30 Jan - 1 Feb



- SOFWERX - Rapid Agile Prototyping Series (RAPS) / Prize Challenges / Other Engagement Events www.sofwerx.org



- Project Vulcan
 - Web-based technology scout platform that enables anyone to quickly describe technology and upload supporting documentation to a secure, shared, searchable, central database
- www.vulcan-sof.com/home/request



- Technical Experimentation (TE) TE 18-2, 26-30 March 2018 at Camp Atterbury-Muscatatuck Center for Complex Operations, IN.
 - Experimentation Focus: Long Range Facial Recognition and Chemical Attribution, Neuro-Cognitive Enhancement, and Optics
- TE 18-3, 17-21 July 2018 at (Tentative) Fort A.P. Hill, VA
 - Experimentation Focus: C4, Cyber, ISR, Mobility, and Small Unmanned Aerial Systems (SUAS)
- TE Public Link: <http://www.socom.mil/sordac/Pages/ExpWithUS.aspx>

Program Executive Office Rotary Wing (RW)

MOBILITY



A/MH-6 Light Attack/Assault



Medium Assault MH-60



Heavy Assault MH-47

Airframe Recapitalization

MISSION EQUIPMENT



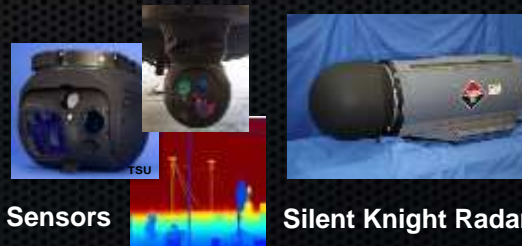
Active Aircraft Survivability Equipment



Passive Aircraft Survivability Equipment



Avionics



Sensors

Silent Knight Radar

Common Hardware and Software

TRAINING SYSTEMS



A/MH-6M Little Bird



MH-47G CMS



MH-60M CMS



Battle Staff Training Exercise Management Control

Stimulated vs Simulated

Something New

“ If you want
something **NEW**,
You have to stop doing
something **OLD**. ”

- PETER DRUCKER