



# **NDIA PROCUREMENT DIVISION MEETING**

**July 14, 2020**



# SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS

*Trusted Experts*

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Mr. Jim Smith *Acquisition Executive*





# 70,000 SOF

**6,000+**  
DEPLOYED

**70+**  
LOCATIONS

**24/7**

“Our world continues to evolve and increase in complexity. While violent extremism persists, challenging regional stability and threatening our interests, near-peer competitors grow in both capability and intent to contest our vital national interests. The United States requires capabilities across all elements of national power, and Special Operations remains a critical part of our defense.”

*GEN Richard Clarke, Commander, US Special Operations Command*





# SOF AT&L



## MISSION

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



## VISION

**Trusted Experts**



## PRINCIPLES

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

# Special Operations Forces Acquisition, Technology, & Logistics Organization



**COMPTROLLER**  
Mr. Tom Coburn



**PROCUREMENT**  
Col Eric Obergfell



**SCIENCE &  
TECHNOLOGY**  
Ms. Lisa Sanders



**ACQUISITION  
LOGISTICS**  
Mr. Joe Carlson



**ACQUISITION  
AGILITY**  
Mr. Spencer Baker



**PEO C4**  
Command, Control,  
Communications, & Computers  
Ms. Deb Woods



**PEO  
FIXED WING**  
Col Melissa "Mojo" Johnson



**PEO  
MARITIME**  
CAPT Kate Dolloff



**PEO  
ROTARY  
WING**  
Mr. Geoff  
Downer



**PEO  
SOF WARRIOR**  
COL Joel Babbitt



**PEO SOFSA**  
Special Operations  
Forces  
COL Joseph Blum



**PEO SR**  
Special  
Reconnaissance  
Mr. David Breede



**PEO  
SERVICES**  
Mr. Ted  
Koufas



**PEO SDA**  
SOF Digital Applications  
COL Paul Weizer



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



**DEPUTY  
DIRECTOR**  
Mr. Bill Innes



**MILITARY  
DEPUTY**  
COL Tony Wizner



**ACQUISITION  
EXECUTIVE**  
Mr. Jim Smith



# SOF AT&L REORGANIZATION TO ORIENT ON NDS

## SOF AT&L ORGANIZATIONAL CHANGES



**PEO ROTARY WING**  
**Mr. Geoff Downer**

**Re-flagged to Ft. Eustis**

### MISSION STATEMENT

Provide rapid and focused acquisition, research and development, and life-cycle logistics support to the operators of the US Army Special Operations Aviation Command and the 160th Special Operations Aviation Regiment, which provides SOF rotary-wing capability to the joint force.



**PEO SOF DIGITAL APPLICATIONS**  
**COL Paul Weizer**

### MISSION STATEMENT

Rapidly consolidate, integrate, acquire, and divest SOF unique software through the use of agile software development and deployment practices to enhance the full spectrum of SOF operations.



**PEO SPECIAL RECONNAISSANCE**  
**Mr. David Breede**

### MISSION STATEMENT

Lead the rapid and focused acquisition of state of the art sensors and associated C2, emplacement, recovery, and specialized communication systems across all domains to enable total situational awareness for the SO Warfighter.



**PEO SPECIAL OPERATIONS FORCES SUPPORT ACTIVITY**  
**CO Joseph Blanton**

### MISSION STATEMENT

Enable Global SOF Operations through dedicated life cycle sustainment.

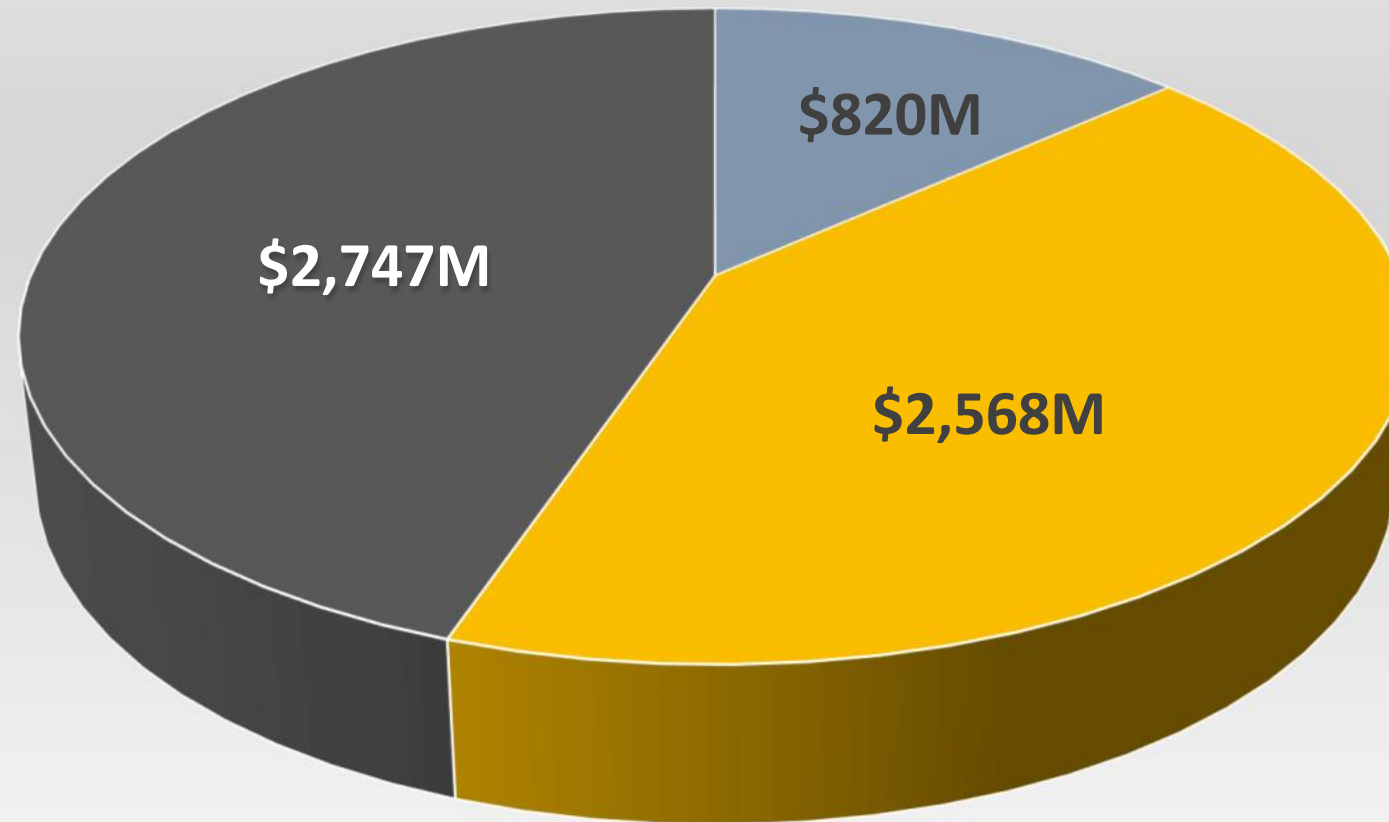


**PM EXPEDITIONARY SUSTAINMENT**  
**Mr. Jason Schroeder**

### MISSION STATEMENT

Provide rapid, tailorable, operational support and capability development for logistics systems at Special Operations Forces' points of need.

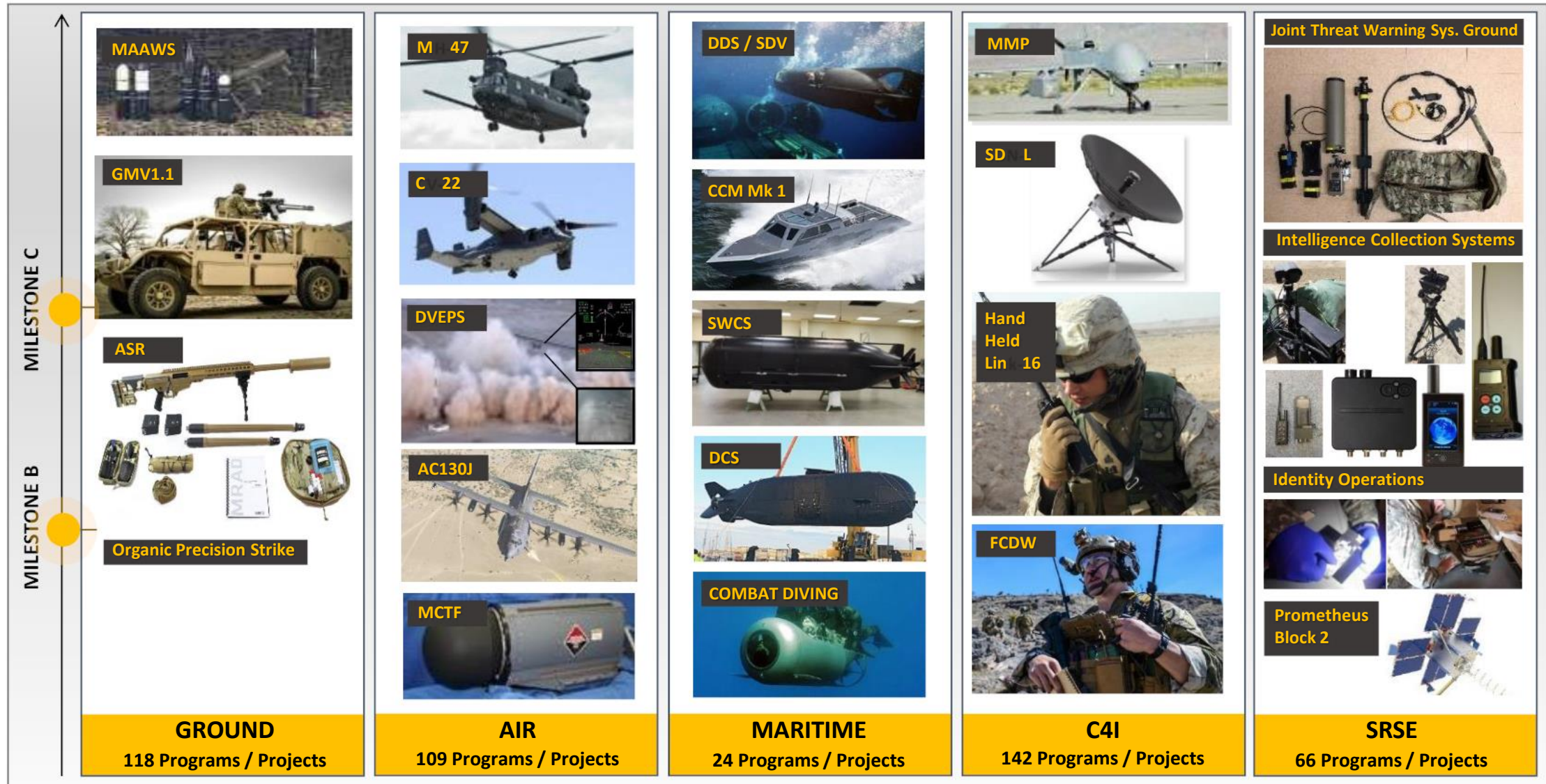
## FY2020 Current Funding



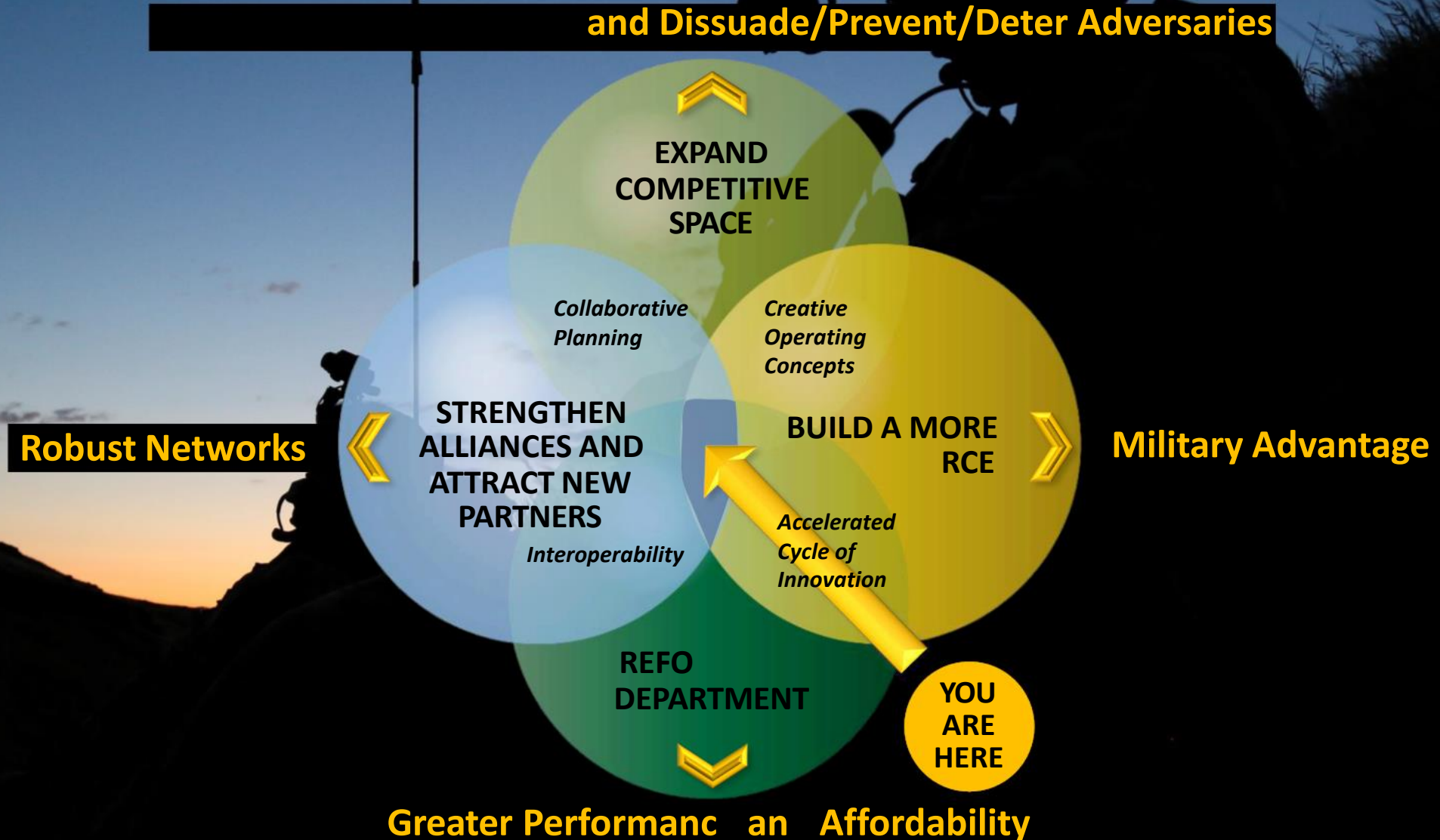
■ RDT&E ■ PROC ■ O&M



# Wide Array of Programs



# THE NATIONAL DEFENSE STRATEGY: WHY WE'RE HERE





# BUILD A MORE **LETHAL FORCE**

- 
- Next Generation Intelligence, Surveillance, & Reconnaissance (ISR)
  - Next Generation Mobility
  - Precision Fires & Effects
  - Hyper Enabled Operators
  - Networks & Data
  - Biotechnolog and Human Interface

# Technology Focus Areas

## Next Gen ISR

Find, Fix, Exploit and Analyze...

- Faster and Improved Accuracy
- All Domains—Air, Space, Maritime, Ground, and Cyber
- Processing and Exploitation at the Edge
  - Access to Non-permissive Environments
  - Responsive Space-Based Capabilities
  - Small Unmanned Air/Ground/Maritime Systems
  - Sensor Fusion

## Next Gen Mobility

- Increased survivability
- Alternate precision navigation & timing

## Precision Fires and Effects

- Armed Overwatch
- Multi-launch Platform
  - (Air, Maritime, Land—Vehicles and Man Portable)
- Loitering Munitions
- Increased Ranges
- Precision Strike
- Low Collateral/Call off Target
- Counter Improvised Explosive Device
- Counter Unmanned Aerial System

## Biotechnology

- Human Systems Integration Enhanced Performance, Rest, and Recovery
- Wearable Physiological Monitoring Systems
- Austere Life-saving Equipment
- Improved Cognition and Decision Making

## Data and Networks

Mission Command:

- Enable Effective SOF Command and Control
- Suite of Tools, Systems, Applications, Data Sources and Standards Interoperable Across the SOF Environment
- Common Operating Picture will allow Globally Collaborative C2 and Fuse SOF Joint Function Activities into a Single Visualization

## Hyper Enabled Operators

An operator whose decision making is assisted by data analytics at the edge, resulting in cognitive overmatch

- Computing at the Edge
- Connectivity Anywhere with Anyone
- Embedded Multimodal Data Discovery
- Machine-assisted Decision Making
- Automatically Discover, Know, Anticipate, Collaborate
- Supported by an Architecture (Data, Application, Presentation, Communication) Optimized for the Operator Environment



# Strengthen Alliances and Attract New Partners

## INTERNATIONAL COOPERATION (IC) AGREEMENTS

### COLLABORATIVE CAPABILITY DEVELOPMENT

- Collective knowledge of partner nations' technology base
- Synergistic development with equitable sharing of R&D costs
- 1 Multilateral SOF Capability Development (SOF CD) Agreement
- 3 Bilateral Special Forces Equipment Capability Agreements
- 3 Bilateral SOF CD Working Groups under DOD RDT&E Project MOAs
- 4 Foreign Science and Technology Liaisons to SOF AT&L
- Leverage 5 Combating Terrorism Technical Support Office IC Agreements



Example: Shared Development of Diesel LTATVs (MRZR-D)

## FOREIGN MILITARY SALES (FMS)



Night Vision

### Special Operations-Peculiar (SO-P) Equipment

- 26 FMS Cases
- 16 Countries



Tactical Comms

### MOBILITY PLATFORMS



Maritime



Land



Aviation

## PARTNERED OPERATIONS

### Supports C-ISIS Train and Equip effort (1209)

- Provided 1,156 vehicles (\$131.5M), 31,919 weapons (\$135.7M) and 49 million rounds of ammunition (\$325.1M) since 2015

### Counter-Terrorism Ops (127e) with partner nation support

- Provided 38 vehicles (\$10.5M), 4,907 weapons (\$11.3M) and 56 million rounds of ammunition (\$46.5M) since 2015

Bearcat

# REFORM **THE DEPARTMENT**



**Greater Performance and Affordability**



# OUR RELATIONSHIP IN THE INFORMATION ERA



## REQUIREMENTS

We've asked you for Hardware-defined, Software-enabled.  
We'll start asking for **Software-defined, Hardware-enabled**  
– *the emphasis matters.*

## DATA

You'll see an increased emphasis on data. What data is generated?  
Who owns it? How accessible is it? (Hint: A lot. I need to. Very...to me.)

## PROGRAM PROTECTION

Security Management Supply Chain **Cybersecurity Maturity**  
**Mode Certification**

## AI/ML/DATA ANALYTICS

We're told **AI/ML** is "shovel ready" now. Where can we inject AI/ML into  
existing Programs of Record to improve Operator capability?

# MIDDLE TIER ACQUISITIONS

## Rapid Prototyping programs

Precision Strike System Ground and Maritime  
Mi Range Gas Gun  
Lightweigh Machine Gun Medium  
Persona Defense Weapon System  
Handgun Suppressor  
Counte Small Unmanned Aerial Systems  
Technica Surveillance Equipment Kit  
Comba Diving Navigation and Propulsion

## Rapi Fielding programs


Comba Diving Environmenta Protection

- April 201 —OSD issued MTA interim guidance
- August 201 —MTAs to be the intended default for majority of USSOCOM acquisition efforts
- 11 MTAs to date
- USSOCOM program are 16% of DoD MTAs



# COMPETITIVE and COLLABORATIVE

225 TILO submissions  
and 25 TILO briefings



Competed 65.6¢ on every \$1  
Awarded 24.7% to Small Business  
Awarded 10.3% to Small Disadvantaged  
Awarded 8.02% to Women owned  
Awarded 8.59% to Service Disabled  
Awarded 1.96% to HUBZone Firms  
Exceeding ALL Small Business Goals

# ENGAGE SOF (eSOF)



## SUBMIT YOUR IDEA

SUBMISSION TITLE

SUBMISSION TITLE

### COMPANY INFO

COMPANY

Company Name

FIRST NAME - PRIMARY POINT OF CONTACT (POC)

First Name

LAST NAME - PRIMARY POINT OF CONTACT (POC)

Last Name

PHONE NUMBER

Phone Number

MOBILE NUMBER

Mobile Number

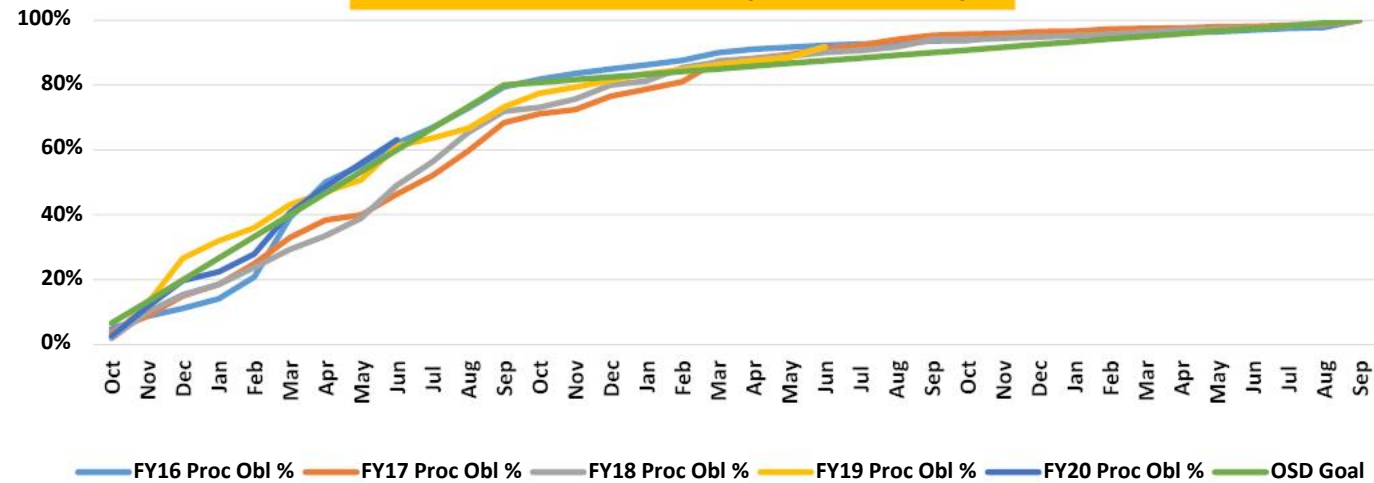
PRIMARY EMAIL ADDRESS

- One stop entry point for products, technology, and capabilities.
- Match your company's product/service/capability to the appropriate personnel within the command
- Schedule discussions or demonstrations if there is sufficient interest at the headquarters
- Public Link:
  - <https://www.socom.mil/SOF-ATL/Pages/submit-your-idea.aspx>

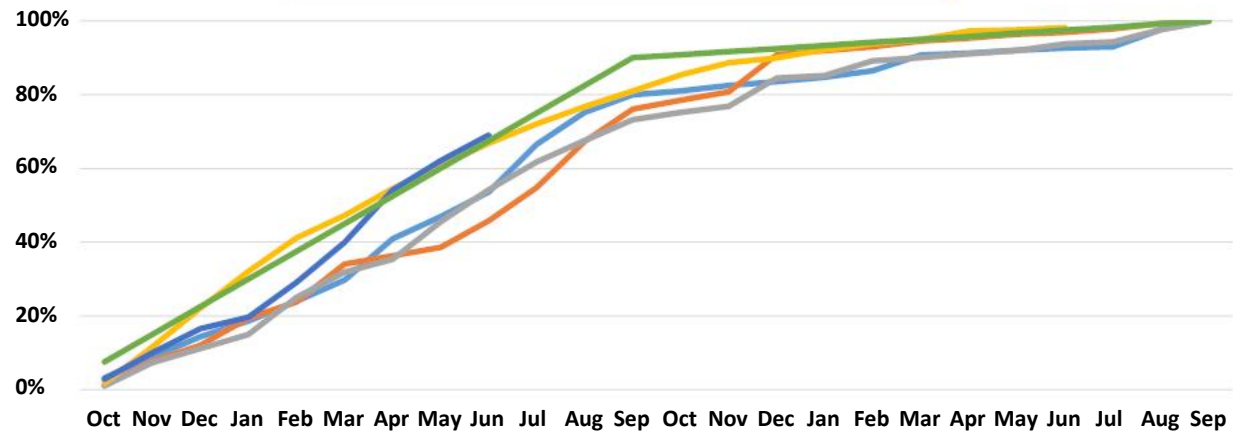


# SOF AT&L's Financial Execution

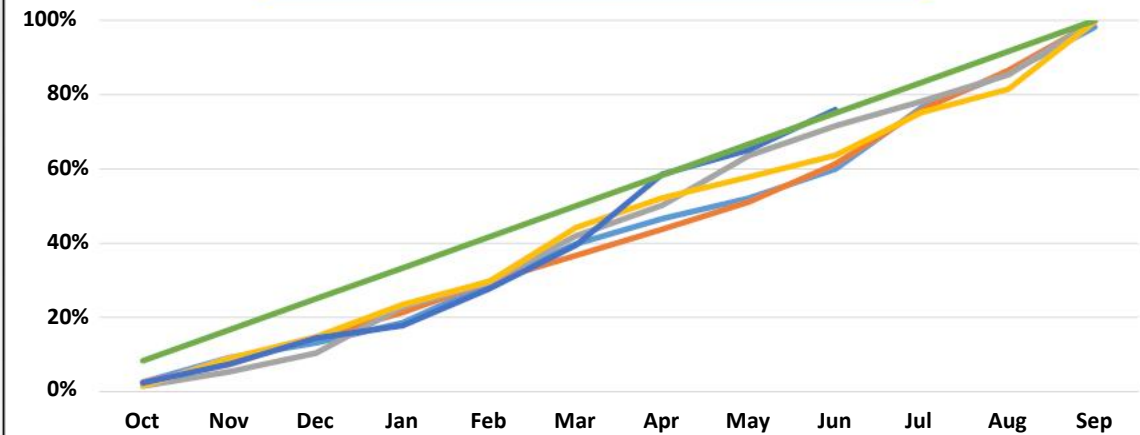
## PROC OBLIGATIONS (FY16 - FY20)



## RDT&E OBLIGATIONS (FY16 - FY20)




## O&M OBLIGATIONS (FY16 - FY20)







# YOUR CHALLENGE

The background image shows four soldiers in silhouette, viewed from behind, standing in a desert field. They are looking towards a large military helicopter, possibly a Chinook, which is also in silhouette against a bright, hazy sky. The scene is backlit by the sun, creating a strong lens flare and a hazy atmosphere. The soldiers are wearing helmets and carrying equipment, including what appears to be rifles.

**W** move fas , bu we need  
to move even faster  
**Can you keep pace?**  
– New tool & authorities  
– SOF are early adapters

# TRANSPARENT



[@SOAExec](https://www.socom.mil/SO_ATL)



[Linkedin.com/in/ussocom\\_ae](https://www.linkedin.com/in/ussocom_ae)

## SMALL BUSINESS HELP

Christopher Harrington

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813.826.9475

## SUBMITTING IDEAS

Shelvin Watts

[eSOF@socom.mil](mailto:eSOF@socom.mil)

[https://www.socom.mil/SO\\_ATL/Pages/submit\\_your\\_idea.aspx](https://www.socom.mil/SO_ATL/Pages/submit_your_idea.aspx)

813.826.9482

## VULCAN

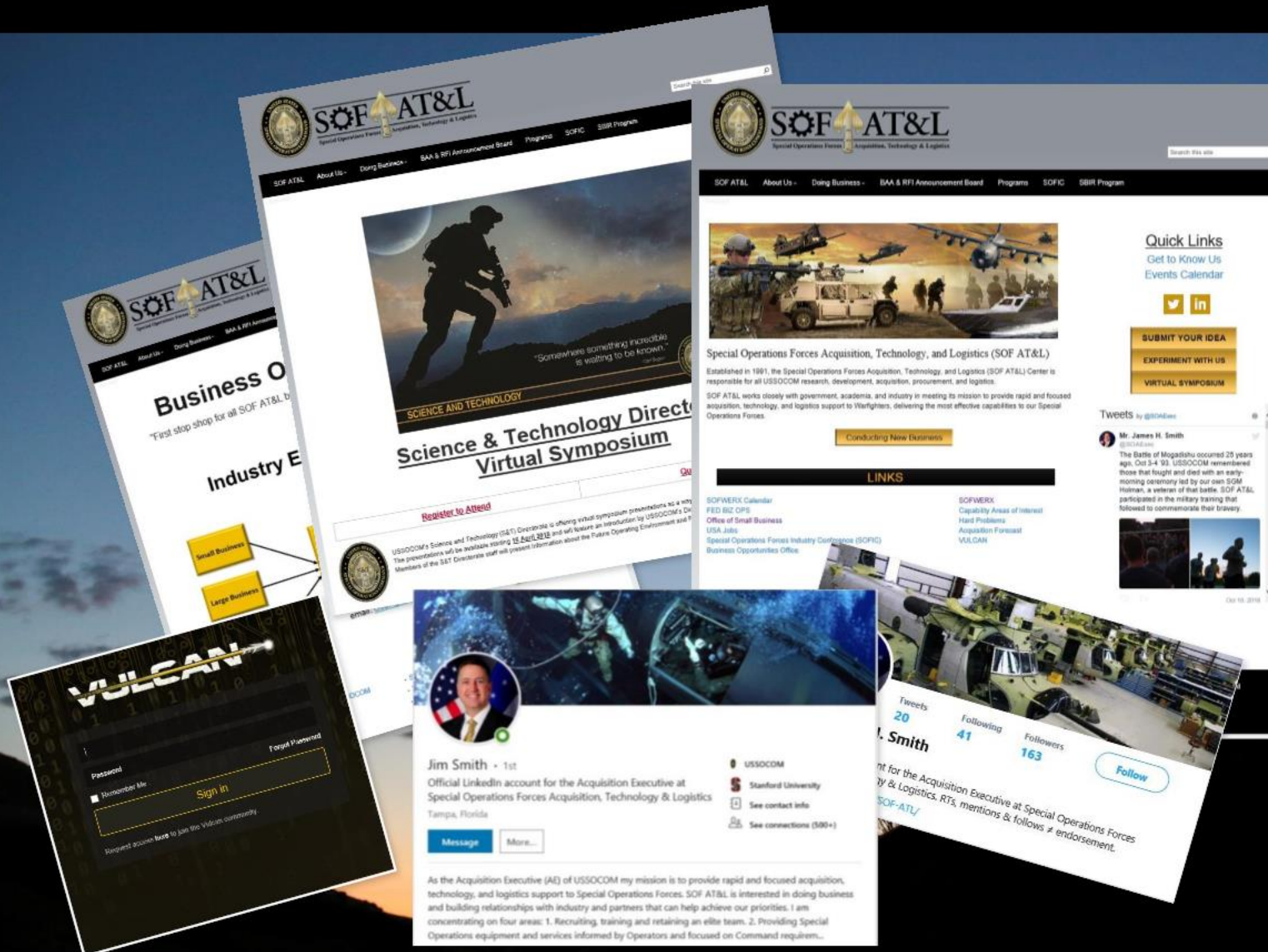
<https://www.VulcanSOF.com>

## SOFWERX

<https://www.sofwerx.org>

## EXPERIMENTATION IDEAS

[https://www.socom.mil/SO\\_ATL/Pages/technical\\_experimentation.aspx](https://www.socom.mil/SO_ATL/Pages/technical_experimentation.aspx)



Briefings are available at  
<https://www.socom.mil/SOF-ATL/Pages/sofic.aspx>



# NDIA PROCUREMENT DIVISION MEETING



## Panel Discussion- Department of Defense Budget: The Black Swan Events of 2020

**Moderator: COL William Staley, USA (Ret)**

Senior Advisor, DoD Financial Management, WWC Global LLC

**MG Paul Chamberlin, USA**

Director, Army Budget

**Bob Unger**

Director, Resources & Analysis, U.S. Central Command Headquarters

**Ariane Whitemore, CDFM**

Director, Grant Thornton Public Sector LLC

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