



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Win • Transform • People

Mr. Karl Rozelsky *Deputy PEO SOF Warrior*

INTRO TO USSOCOM AND SOF AT&L



USSOCOM's Organizational Structure




83,000 SOF

7,873
DEPLOYED

97
LOCATIONS

24/7



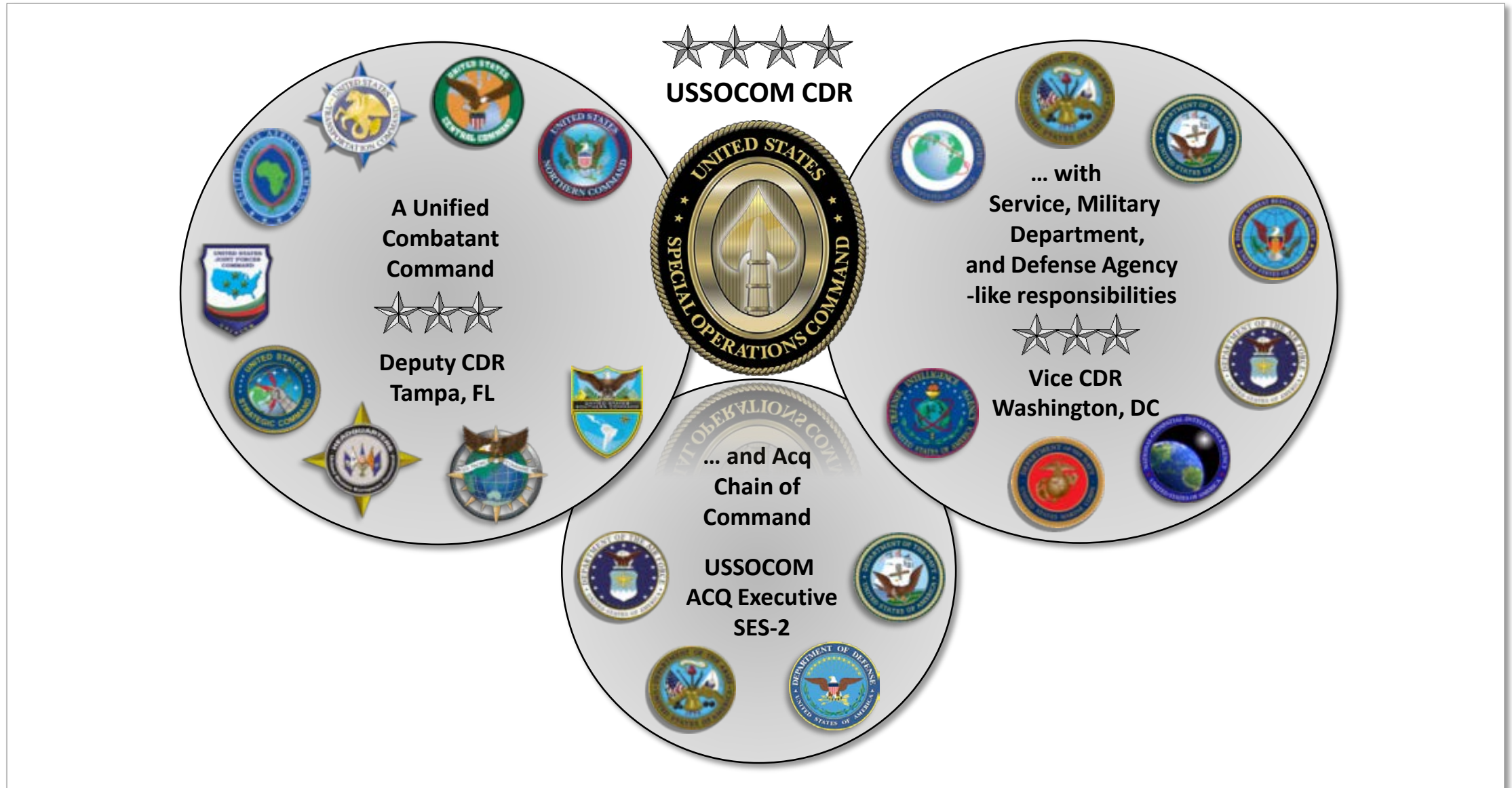
“Our nation expects that Special Operations Forces will have the people, the capability, the capacity, and the access to face our most pressing problems ... now and in the future...they expect us to provide new and innovative ways to address our national security challenges leveraging the integrated network we share with our partners”

GEN Tony Thomas, Commander, US Special Operations Command

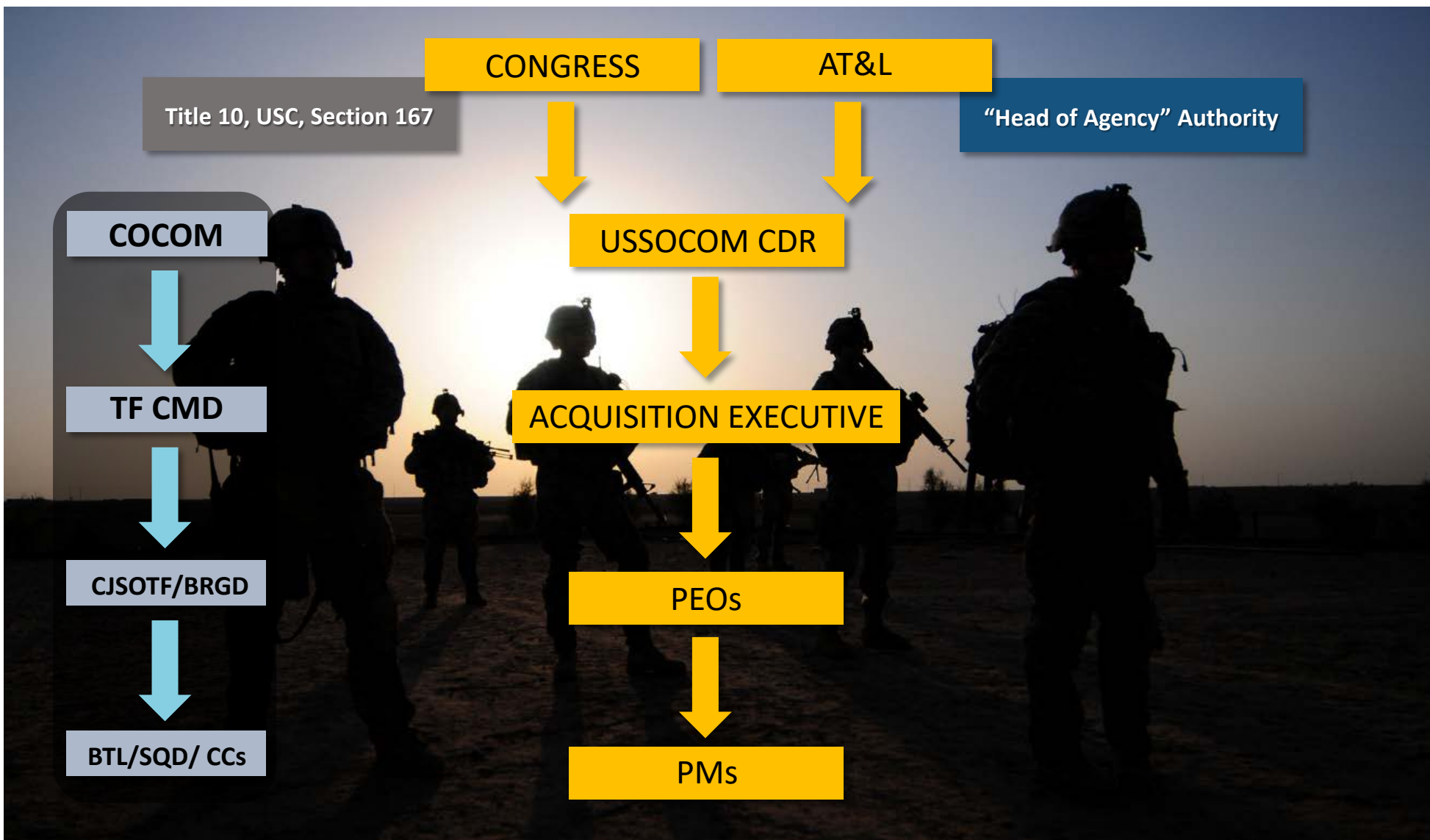
Which of These is Special OPS?



Authorities and Responsibilities



Chain of Command



SOF AT&L



MISSION

Provide Rapid and Focused Acquisition, Technology, and Logistics to Special Operations Forces.



VISION

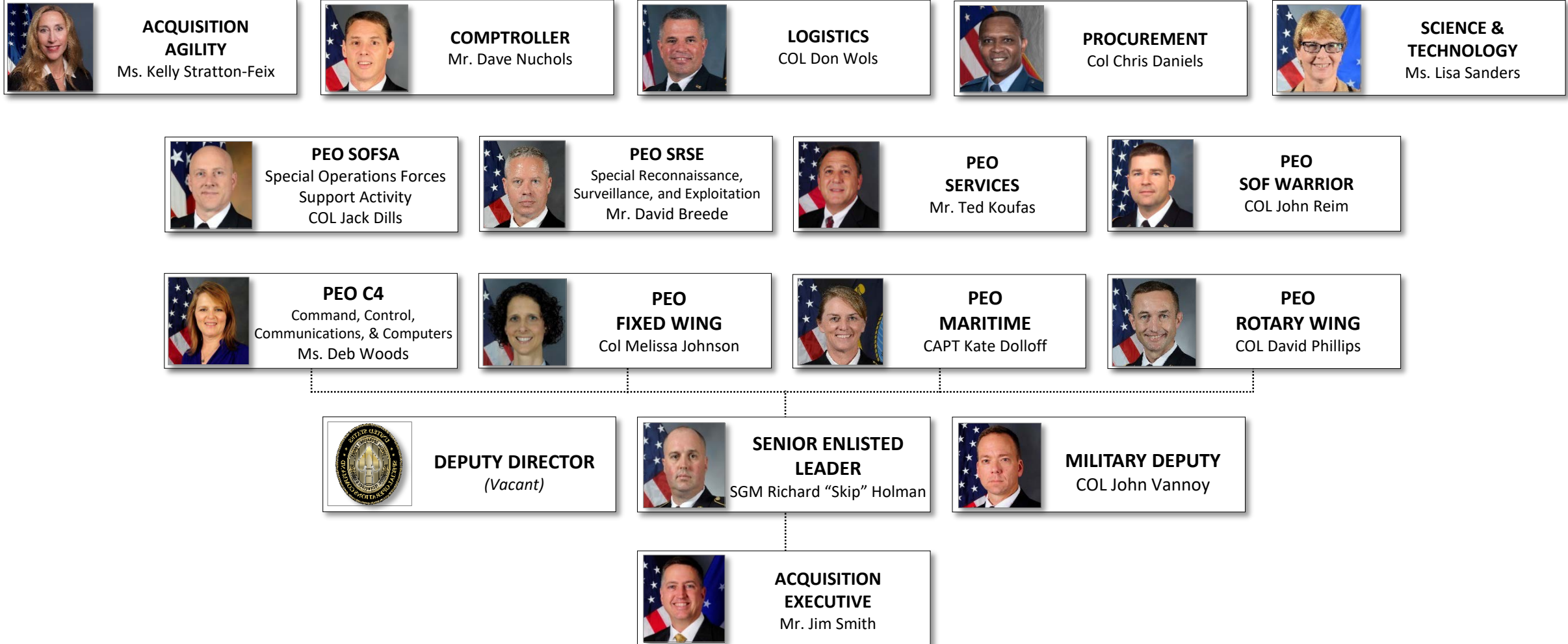
Trusted Experts



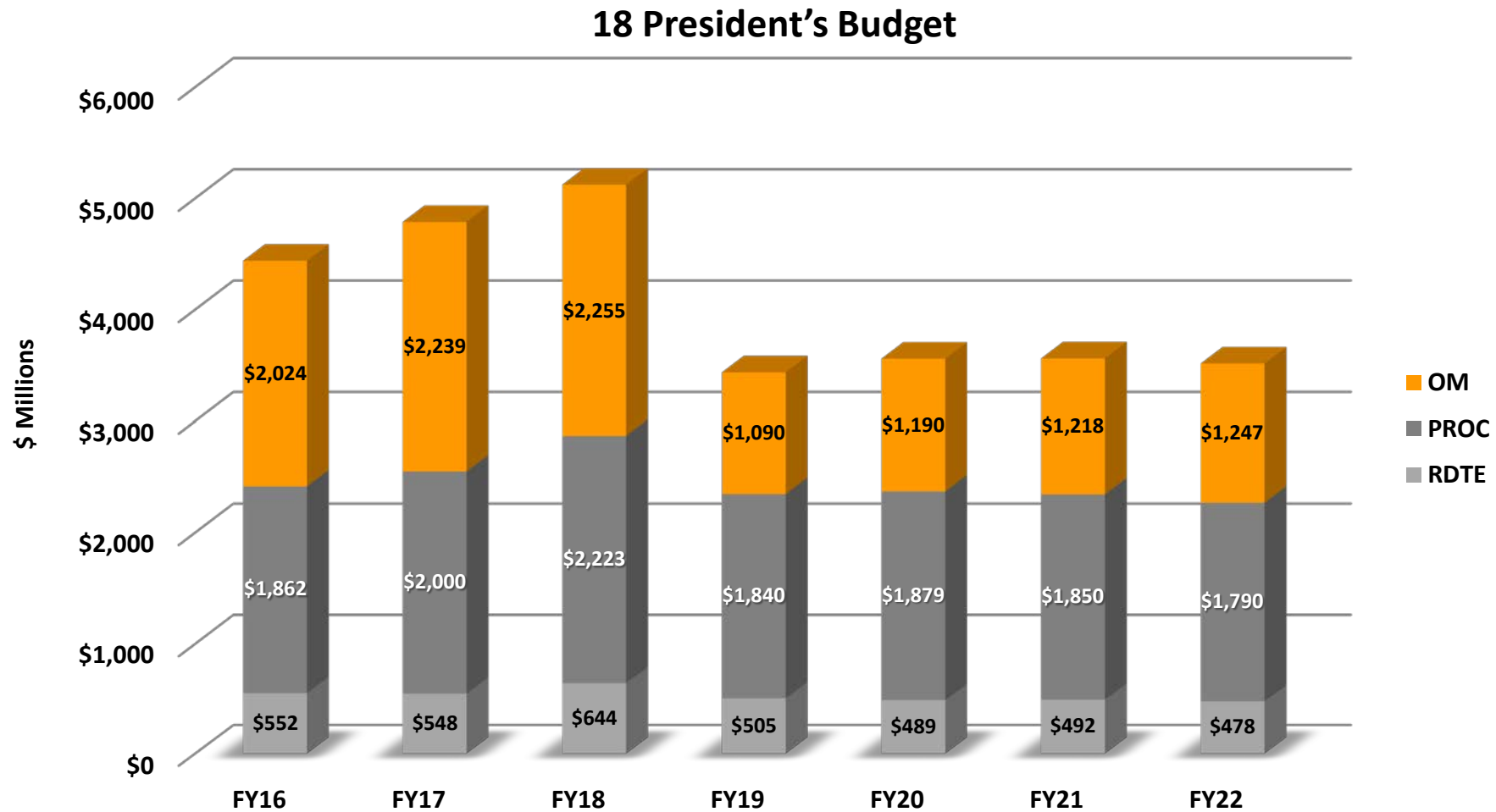
PRINCIPLES

**Deliver Capability to User Expeditiously;
Exploit Proven Techniques and Methods;
Keep Warfighters Involved Throughout
Process; take Tisk and Manage it!**

Special Operations Forces Acquisition, Technology, & Logistics Organization



SOF AT&L Funding (MFP-11)



FY17 Acquisition Deliveries



44.4M	Rounds of ammunition
38,099	Weapons, accessories, lasers, & visual augmentation systems
197	Electronic counter measure systems
146,689	Operator survival/equipment items
2,032	Radios, SATCOM terminals, & ancillary equipment
36,306	Information Technology automation devices & systems
1,310	SOCRATES Systems
5,586	Operator & Medic kits
4,683	ISR kits
554	Vehicles
960	TACLAN FoS equipment deliveries
10	New Installation Gateways; 6 CERPs completed
4	Installation processing nodes
34	CASEVAC kits
281	Rotary Wing aircraft & systems
3	Tactical MISO systems
28	Fixed Wing aircraft
13	Mobile Technology and Repair Centers deployed
30	Maritime Surface Crafts
1	Undersea Manned Submersible Prototypes

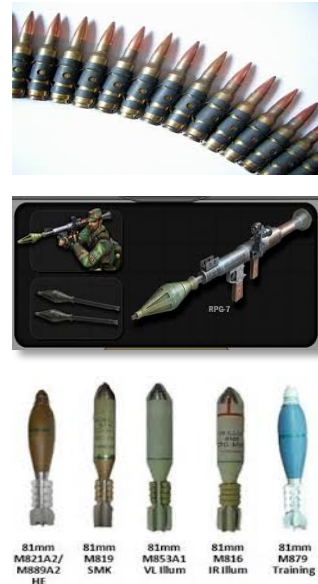
Supporting Partnered Operations

- **Section 127e Foreign/Irregular Force Support to USSOF Operations**
 - 21 active CONOPS World Wide
 - Approx \$34M for Materiel Fielding Requirements Annually
- **Section 1209 Supporting C-ISIS**
 - Continuing Efforts though FY18

WEAPONS



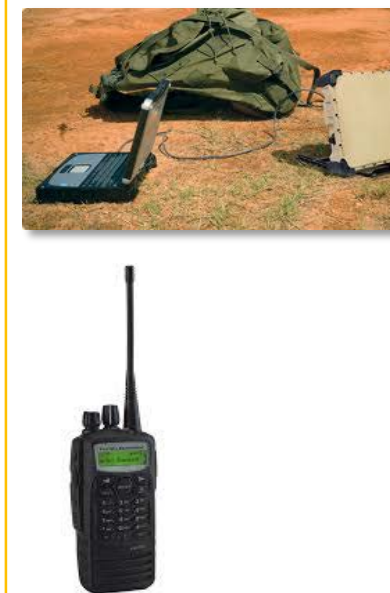
AMMO



ORGANIC CLOTHING, INDIVIDUAL EQUIPMENT



COMMS

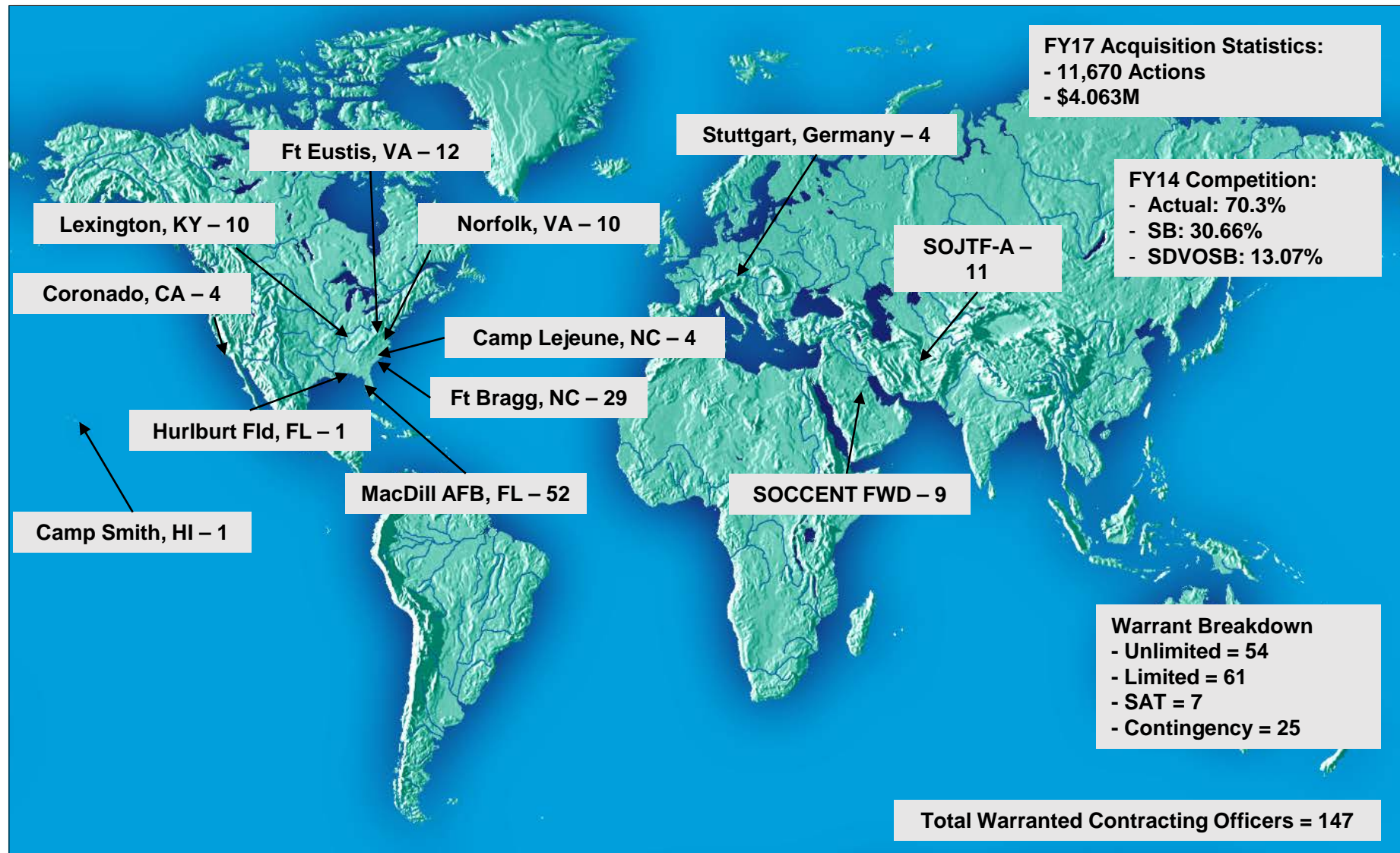


VEHICLES



All photos and illustrations are UNCLASSIFIED

SOF AT&L Contracting Officer Footprint



Full Spectrum Logistics



Distribution

Bare Basing



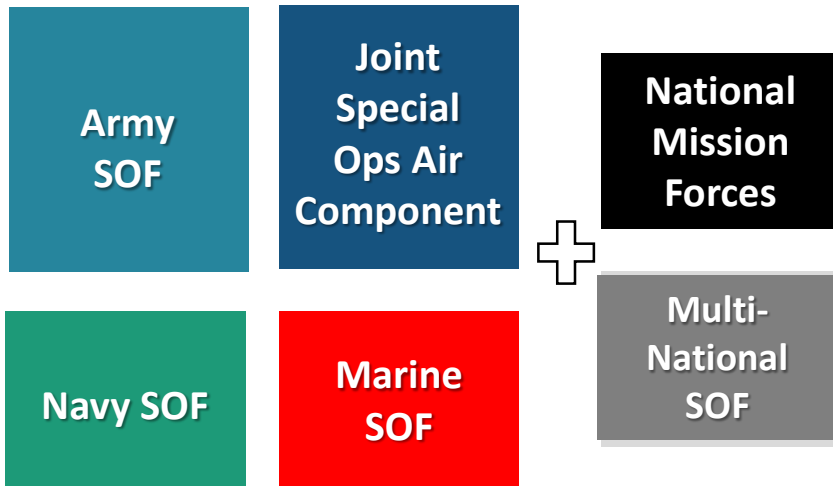
Warehousing

Maintenance

Support For Joint SOF

5th SOF Truth: “Most Special Operations Require Non-SOF Support.”

NOTIONAL Special Ops JTF



LIMITED ORGANIC SOF LOGISTICS CAPABILITY



NON-SOF SUPPORT

- Strategic Partners
 - Defense Logistics Agency
 - US Transportation Command
- Executive Agent / Lead Service
 - Operational Contracting Support
 - Base Operating Support
 - Military Construction
 - Intra-theater Lift
- Service Provided Combat Service Support
- Inter-agency (Title 22)
- Coalition
- Host Nation

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

V-22



ISR Platforms



GMV1.1



Tactical Comms
& Networks



Night Vision
Goggles



CH-47 & UH-60
SOF Mods



Maritime Mobility



Laser Markers & Sights



Air Drop Solutions

COALITION WARFARE PROGRAM (CWP)

- Since 2010 – 5 Projects (\$13.5M)
- 3 Complete
- 2 Projects Ongoing
- 3 Transitioned / Fielded

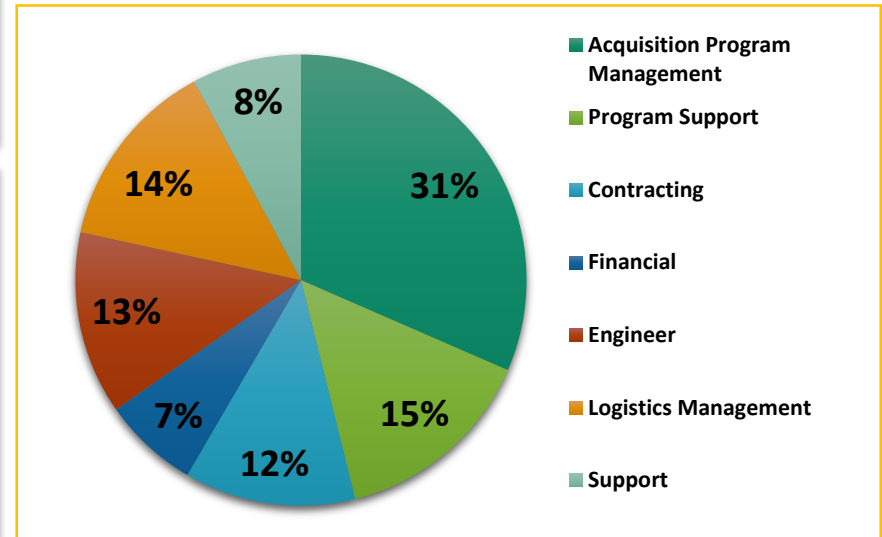
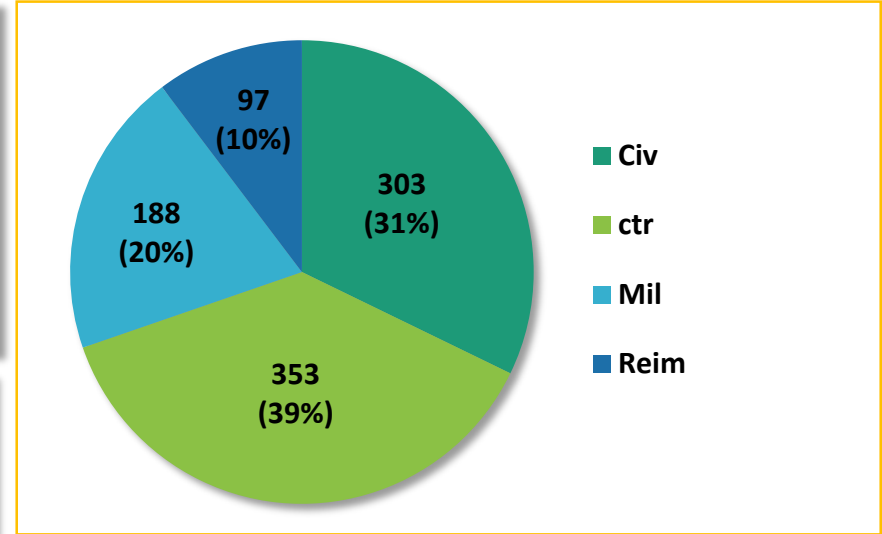


FOREIGN COMPARATIVE TESTING (FCT)

- Since 1996 – 80 Projects (\$102M)
- 74 Complete
- 5 Ongoing (1 Tech Assessment)
- 52 Transitioned / Fielded (\$525M Proc)



Workforce



Wide Array of Programs



GROUND 118 Programs / Projects **AIR** 109 Programs / Projects **MARITIME** 24 Programs / Projects **C4I** 142 Programs / Projects **SRSE** 66 Programs / Projects

Program Executive Office Maritime (M)

UNDERSEA SYSTEMS



SEAL Delivery Vehicle



Dry Deck Shelter



Shallow Water
Combat Submersible



SOF Combat Diving



S351



Dry Combat Submersible

SURFACE SYSTEMS



Combatant Craft Assault



Combatant Craft Heavy



Special Operations Craft -Riverine



Combatant Craft Medium



Next Gen CCFLIR



Low Velocity Air Delivery System

Program Executive Office Fixed Wing (FW)

ISR - FIND



MQ-1C Gray Eagle



MQ-9 Reaper



RQ-20A Puma



Scan Eagle



Aerosonde



JAVAMAN



MC-12W



U-28A/PC-12

MOBILITY - INFILTRATE



EC-130J Commando Solo



CV-22 Osprey



C-145A Skytruck



C-146A Wolfhound



MC-130H Talon II



MC-130J Commando II

STRIKE - FINISH



MQ-9 Reaper



MQ-1C Gray Eagle



AC-130U Spooky



AC-130W Stinger II



AC-130J Ghost rider



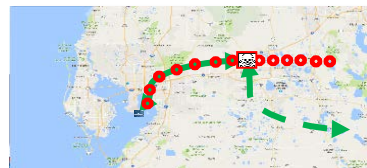
Stand Off Precision Guided Munitions



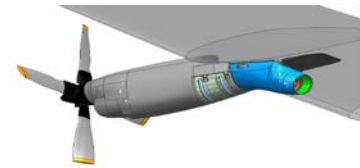
TECHNOLOGY INSERTION



Sensors



Mission Automation



Survivability



Kinetic Effects / DE

Program Executive Office Rotary Wing (RW)

MOBILITY



A/MH-6 Light Attack/Assault



Medium Assault MH-60



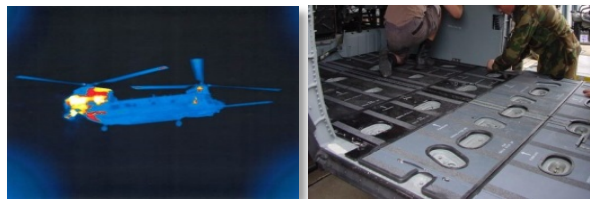
Heavy Assault MH-47

Airframe Recaptalization

MISSION EQUIPMENT



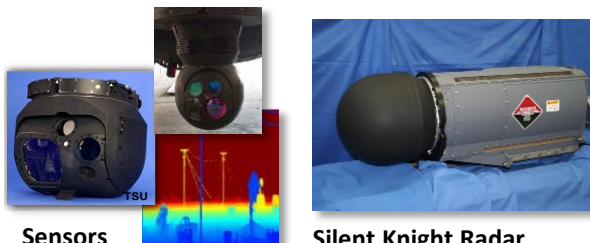
Active Aircraft Survivability Equipment



Passive Aircraft Survivability Equipment



Avionics

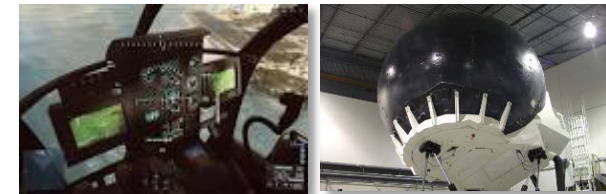


Sensors

Silent Knight Radar

Common Hardware and Software

TRAINING SYSTEMS



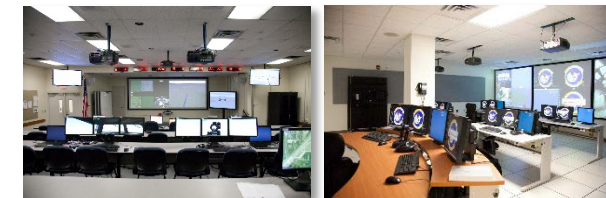
A/MH-6M Little Bird



MH-47G CMS



MH-60M CMS



Battle Staff Training Exercise Management Control

Stimulated vs Simulated

Program Executive Office SOF Warrior (SW)

MOBILITY

“Individual to Heavy Ground Vehicles”



Tactical All Terrain Vehicles (Light)



Non-Standard Commercial Vehicles



GMV 1.1



Ground Mobility Vehicle (Medium)



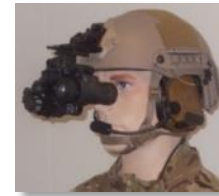
MRAP-ATV (Heavy)

SURVIVAL

“Protection, Load Carriage & Medical”



Combat Uniform & Helmets



Body Armor / Load Carriage System



Individual & Combat Medic Kits



Casualty Evacuation



LETHALITY

“Munitions, Visual Augmentation, Lasers & Weapons”



Night Vision Goggles



Combat Assault Rifles



Aviation Ammo



M72 LAW Light Assault Weapon



Laser Acquisition Markers



Non-Standard Arms



Sniper Weapons & Accessories



Program Executive Office Command, Control, Communications, and Computers (C4)

TACTICAL COMMUNICATIONS



SOF Tactical Communications



Radio Integration System

Airborne Mission Network



SOF Deployable Nodes / Mobile SOF Strategic Entry Point

Special Operations Mission Planning and Execution

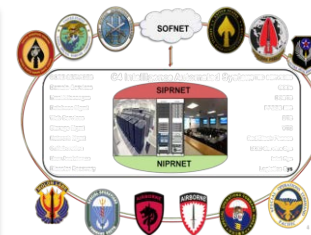


Tactical Local Area Network

ENTERPRISE NETWORKS & MILITARY INFORMATION SUPPORT OPERATIONS (MISO) SYSTEMS



SCAMPI (not an acronym)



C4 Intelligence Automation Systems



Special Operations Command Research, Analysis, and Threat Evaluation System

SOF Information Technology Enterprise Operations and Maintenance Services



Long Range Broadcast System



Media Production Center



MISO-Print



Fly-Away Broadcast System



Next Generation Loudspeaker System



Program Executive Office Special Operations Forces Support Activity (SOFSA)

SOF AT&L GROUND PROGRAMS



FOSOV Ground Platforms



Maritime Platforms



C4I / SRSE / ECM Systems



SPEAR / TCCC Weapon Systems

COMPONENTS & TSOCS



Expeditionary Stock Storage



Joint Operational Stock



CONUS / OCONUS Logistics
Support Maintenance / Riggers PBO /
Supply Support



SOFSA FWD /
Mobile Technology & Repair Complex

AVIATION ROTARY WING



MH-60M
Medium Assault
Modifications

MH-47G
Heavy Assault
Modifications



AH/MH-6M
Light Assault
Production / Mods



SOF Non
Standard / FID



Depot Level
Flight line & Pass-Back Maintenance

SOF AT&L GROUND PROGRAMS



AC / MC-130J Production / Mods
& Maintenance



CV-22 Osprey
Integration &
Maintenance



MQ-1/MQ-9
Maintenance

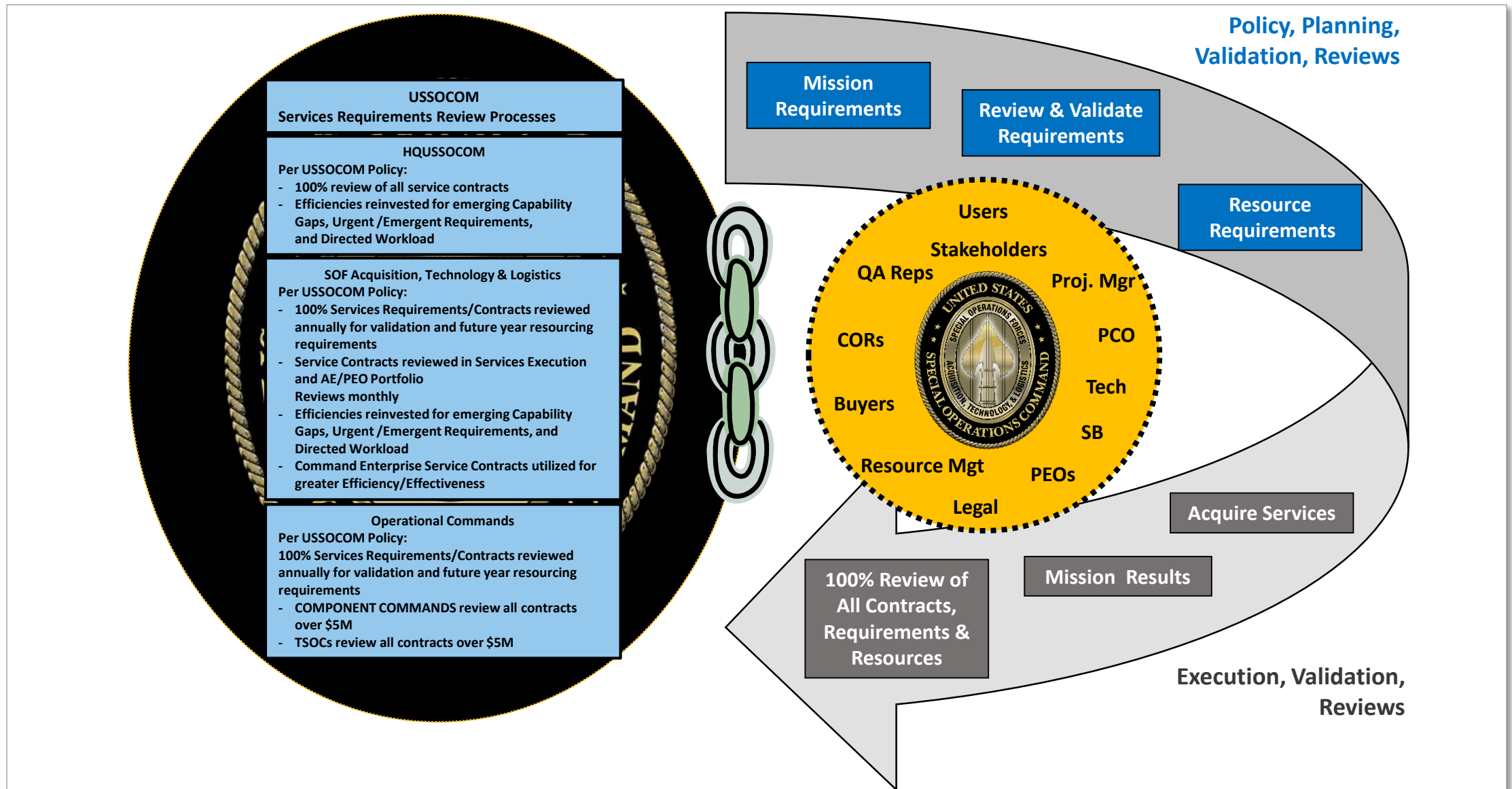


C27J Sustainment



Platform
Trainers

Program Executive Office - Services



Directorate of Science and Technology

BIOMEDICAL/ HUMAN PERFORMANCE



Human Performance

FORCE APPLICATION



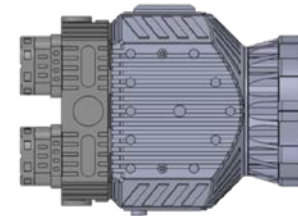
Small Unit Dominance CBA

ADVANCED COMMUNICATIONS



PNT in Contested
Environments (PACE)

OPTICS / SENSORS



1080P Color Night Vision

PROTECTION



Variable Transmission
Laser Protection Eyewear

CYBER / ANALYTICS



Artificial Intelligence/
Machine Learning

TACTICAL ASSAULT LIGHT OPERATOR SUIT (TALOS)



Integrated Advanced VAS/
Exoskeleton

TECHNICAL EXPERIMENTATION (TE)



TE Themed Experiments

EMERGING CAPABILITIES & PROTOTYPING



JCTDs

SMALL BUSINESS INNOVATION RESEARCH (SBIR)



TALOS – Thermal
Management & Sensing
Baselayer

Technical Experimentation (TE)

- **TE 18-3, 17-21 July 2018 at Fort A.P. Hill, VA**
 - Experimentation Focus: C4, Cyber, ISR, Mobility, and Small Unmanned Aerial Systems (SUAS)
- **TE 19-1, 5-9 November 2018 at Avon Park Air Force Range, FL**
 - Experimentation Focus: Hyper Enabled Operator

- **Public Link:**

<https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx>

- **Linked  Group: SOCOM Technical Experimentation**



Small Business Innovative Research

>50% of SOCOM Phase IIs Began as Non-SOCOM Efforts

Joint Acquisition Task Force (JATF)

BASELAYER



EXOSKELETON



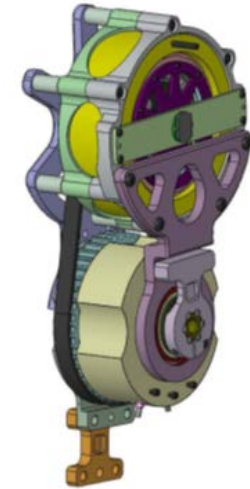
**TACTICAL ASSAULT
LIGHT OPERATOR SUIT**



PROTECTION



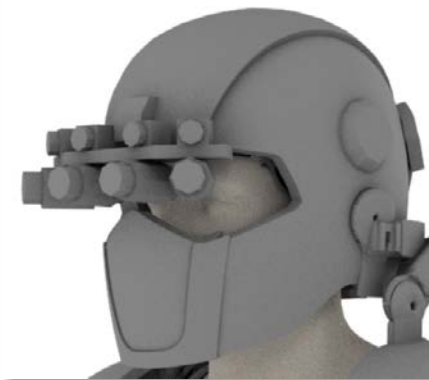
ACTUATOR



COMMUNICATIONS



VISUAL AUGMENTATION



POWER



Directorate of Comptroller

PROGRAMMING, BUDGETING AND COST ESTIMATING



EXECUTION



ACCOUNTING AND AUDIT



FINANCIAL SUPPORT



FINANCIAL POLICY



Directorate of Procurement

SOF INFORMATION TECHNOLOGY ENTERPRISE CONTRACTS



MODI ECM SYSTEM



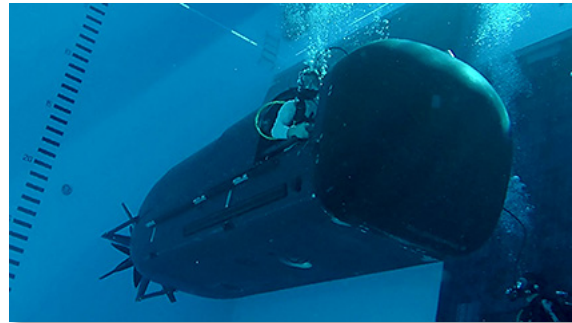
LCCS FOR FLIR AND EOOS



NON-STANDARD COMMERCIAL VEHICLES



SHALLOW WATER COMBAT SUBMERSIBLE PROGRAM



COMBAT CRAFT MEDIUM MARK I PROGRAM



Directorate of Logistics



**J4/Director
of Logistics**

Deputy J4

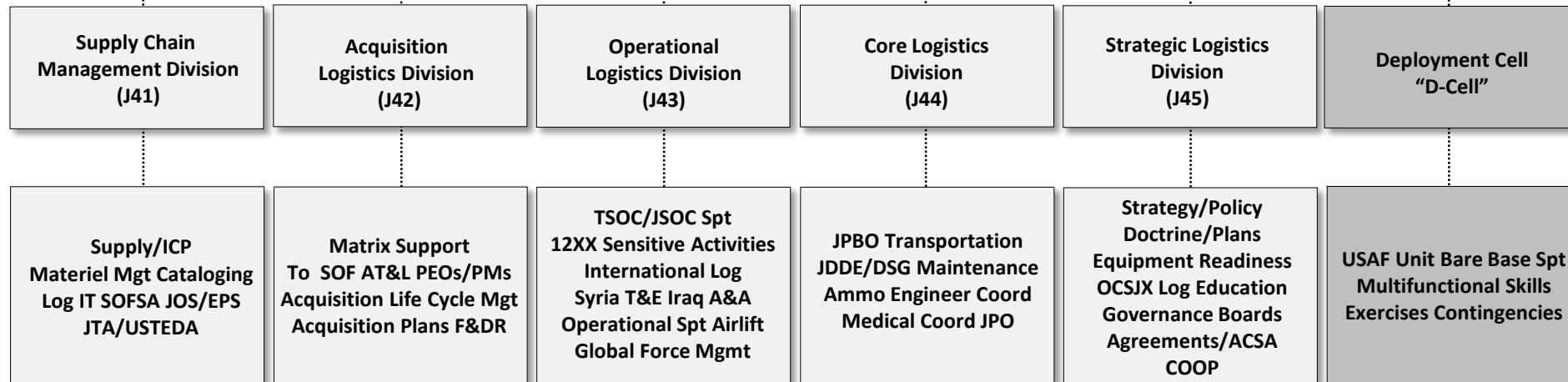
Defense Logistics Agency LNO

US Army Corps of Engineers LNO

US Army Materiel Command LNO

USTRANSCOM LNO

Lockheed-Martin LNO



Acquisition Agility



NEW PROCESSES

Rapid Prototyping



ThunderDrone Rapid Prototyping Event: Warfighter Council

Collaboration Events



LTATV Industry Collaboration

OpenWerx Challenges



Prize Challenges

Academic Interns



Industry Fellows



Additive Manufacturing
3-D Printing Training

NEW PRODUCTS

MedRZR- Litter Carrying



Interceptor & Scalable Drones

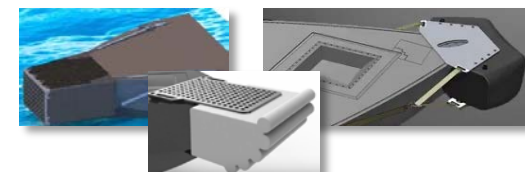


C4 Comms Suite for LTATV



Mobility C4

Combatant Craft Bow Bumpers



NEW NETWORKS



Small Business
Academia
Futurists
Citizen Scientists
400+ Hacker/Maker

NEW IDEAS

Single Man Flying Machines



Acquisition Operations

POLICY AND MANAGEMENT DIVISION



RAPID ACQUISITION CELL (CMNS)



STRATEGIC PLANNING PROCESS



INTERNATIONAL COLLABORATION



COALITION ACQUISITION SUPPORT (127e/1209)



WEAPONS SYSTEM SAFETY ENGINEERING



Acquisition Support

INFORMATION TECHNOLOGY



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE



OFFICE OF SMALL BUSINESS PROGRAMS



HUMAN CAPITAL MANAGEMENT



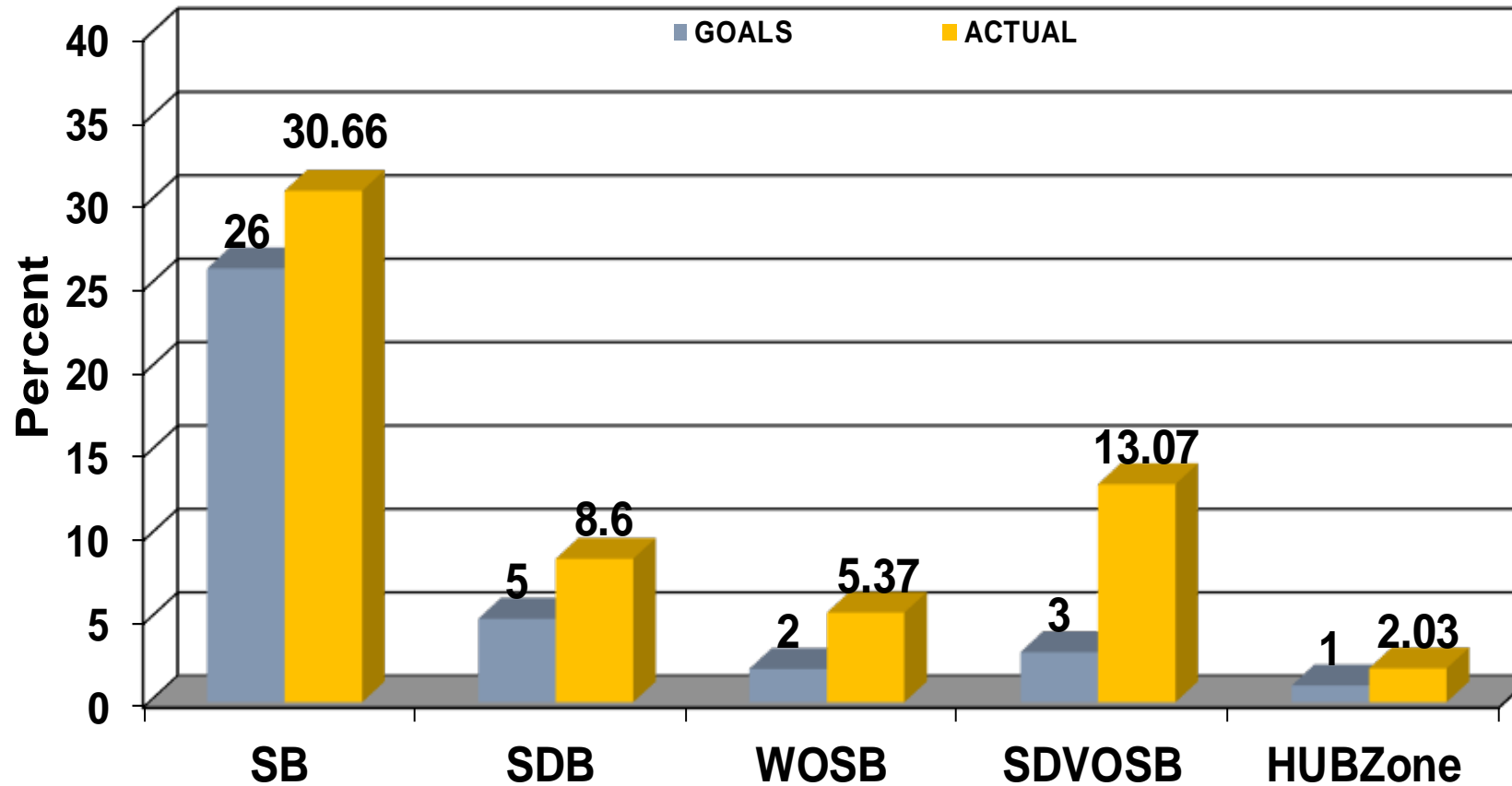
SECURITY, FACILITIES, AND OPERATIONS SUPPORT



Small Business Office

- Primary Point of Entry for Small Businesses
- Office is charged with ensuring Small Businesses are afforded the maximum practical opportunity to support the command
- Meets with Small and Large Businesses daily
- What's important to us?
 - Capability, capability, capability
 - Proven track record of performance
 - Proper clearances
 - Tickets are secondary at best

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

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Technology & Industry Liaison Office (TILO)

- Assists the Command with conducting market research to arrive at the most suitable approach to acquiring, distributing, and supporting SOF-peculiar supplies and services
- 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**
- **Contact Info**
 - tilo@socom.mil
 - 813-826-9482
- **Public Link:**
 - <https://www.socom.mil/SOF-ATL/Pages/submit-your-idea.aspx>



Questions

