

Special Operations Forces



Industry Conference

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Systems Acquisition Manager
Soldier Survival Support and
Equipment Systems
Initiatives

A composite image showing Special Operations Forces in various operational scenarios. On the left, a soldier in full combat gear aims a rifle. In the center, soldiers are silhouetted against a bright, hazy background, some running and others taking cover. On the right, a soldier is positioned in the back of a Humvee. A globe is visible in the bottom left corner.

SOF WARRIOR



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PM SOF-SSES Mission

Plan, Develop, Acquire, Test, Field, and Sustain/Improve USSOCOM Survival, Support and Equipment Systems



SSES Mission Areas:

- Survivability Systems
- Individual Equipment Systems
- Tactical Combat Casualty Care
- Special Programs
- Cradle to Grave Responsibility



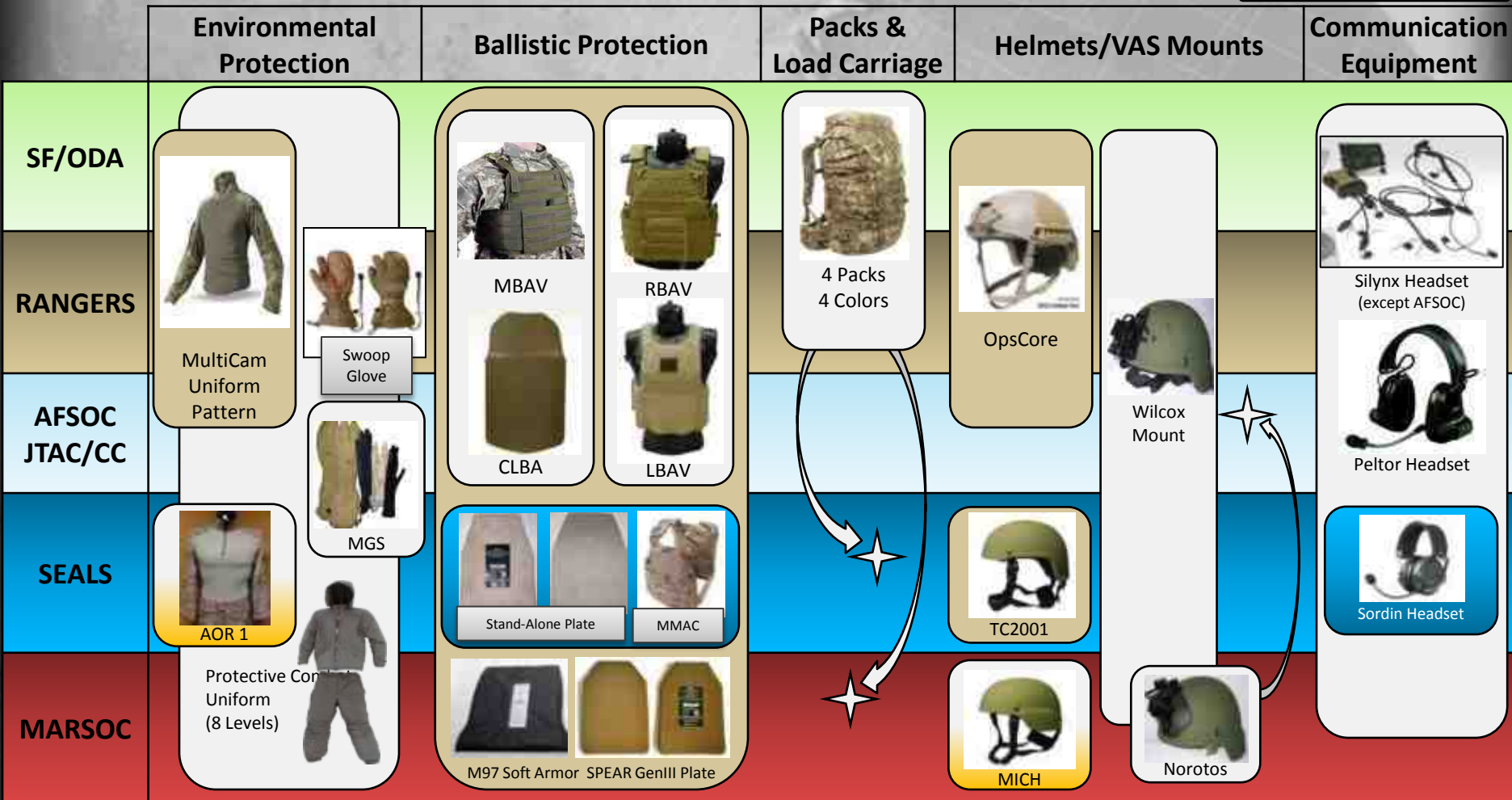


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Survival – Protection “Today”

SOF-Peculiar
Service Transition/Common





Acquisition Philosophy

- **Continue to advance the State of SOF Unique Survival, Support and Equipment Systems**
 - Fully integrated in the requirements/development process
- **Evaluate Service Common / Commercial / Indigenous Material Solution**
 - Increased Performance
 - Reduced Weight and Bulk
 - Reduced Cost
 - Increase Comfort and Durability
 - Integrate System Capabilities
 - Improve Personal Signature Management



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Individual Equipment

FY	11				12				13				14				15				16				17				
	QTR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2		
Uniforms																													
SPEAR PCU										SPEAR Protective Combat Uniform																			
SPEAR MGS								Recompete	K▲	SPEAR Modular Glove System																			
ECWS													GEN III Extended Cold Weather Clothing System (ECWCS)																
Ground Soldier, Hands													Various Glove Systems																
PCU P3I	Pre-planned Prod Improvement								Product Improvement																				
Signature Management										Profile Refinement												Profile Refinement							
Materials Research										Materials Research																			
Loft Testing								Loft Testing																					
Reactive Fibers Testing								Reactive Fibers Testing																					
MGS P3I								Modular Glove System																				Modular C	
Comm Headsets																													
MICH Comms			Recompete	K▲				SPEAR Next Generation Heads				K▲	Maritime Comms								K▲								
Army TCAPS Program										PEO Soldier, Tactical Communications and Protective System (TCAPS) Program																			
RDT&E Dev & Testing													RDT&E TCAPS Qualification Testing and Related Efforts (\$700K/Year)																
Tech Assesment								Market Research														Market Research and Technical Assesment							
Maritime Comms								Market Evaluation & Solicitation Dev																					
Land Comms Solicitation																					Solicitation Dev								

Legend



SW PoR (based on P&R Docs)

S&T, DARPA, Lab Efforts



Services Efforts

Milestone (Req Doc, Contract Award/Re-compete)

DT/OT, Production and Fielding

NOTE: No PROC in SPEAR based on

FY 09 Guidance from OSD



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Survivability																																					
FY	11				12				13				14				15				16				17												
QTR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4									
SSES Acquisition																																					
Ballistic Helmets																																					
LightWeight Helmet								K	MICH Replacement Helmet																												
Adv Combat Helmet					Advanced Combat Helmet (ACH)																																
Enhanced Cbt Helmet					Army and Marine Corps Common																																
OPS-CORE FAST					OPS-CORE FAST Helmet Transition																																
Helmet Marksmanship & Design					Helmet Design Research																																
Head Slow Impact Study					Slow Impact Research																																
Next Gen Helmet Dev																	NEXT Gen Helmet																				
Novel Ballistic Material																	Next Gen Light Weight Material - Helmets & Body Armor																				



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Protection Initiatives

(FY) Transition
Timeframe

S&T to
Program



Thermal signature reduction technologies (FY13)



Advanced garment technologies (FY13)

Combat
Eval to All
SOF



Ops-Core
Helmet (FY11)



CLBA (FY12)



Incr. Coverage Side Plates (FY13)



Frontal Lobe for
Helmets (FY13)

SOF to
Service



MICH to ACH
(FY02)



MBAV to Soldier
Plate Carrier (FY08)



AOR I (Desert) / AOR II (Woodland)
Camo Patterns (FY09)



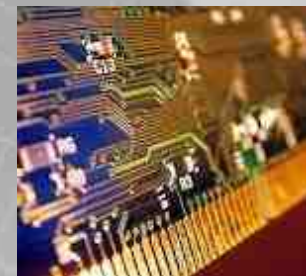
MultiCam Pattern (FY10)



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Technology Areas of Interest:



- Super light weight, durable loft materials
- Non-Hydroscopic materials
- Fire retardant materials without compromise of current capabilities
- Reduced weight ballistic protection
- Advancements in Signature Management





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Questions?

