## Department of Defense Fiscal Year (FY) 2025 Budget Estimates

March 2024



## **United States Special Operations Command**

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

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#### Department of Defense FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

	FY 2023	Request with	FY 2025
Appropriation	Actuals	CR Adjustments*	Request
Research, Development, Test and Evaluation, Defense-Wide	1,008,17	1,224,777	1,355,366
Total Research, Development, Test, & Evaluation	1,008,17	1,224,777	1,355,366

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared;

account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

#### Department of Defense FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

		FY 2024 PB		
	FY 2023	Request with	FY 2025	
	Actuals	CR Adjustments*	Request	
Summary Recap of Budget Activities				
Applied Research	60,762	52,287	50,183	
Advanced Technology Development	150,711	156,097	197,767	
Operational Systems Development	796,704	1,016,393	1,107,416	
Total Research, Development, Test, & Evaluation	1,008,177	1,224,777	1,355,366	
Summary Recap of FYDP Programs				
Intelligence and Communications	6,095	6,214	5,854	
Special Operations Forces	1,002,082	1,218,563	1,349,512	
Total Research, Development, Test, & Evaluation	1,008,177	1,224,777	1,355,366	

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#### Defense-Wide FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

		FY 2024 PB	
	FY 2023	Request with	FY 2025
	Actuals	CR Adjustments*	Request
Summary Recap of Budget Activities			
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#### Defense-Wide FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

		FY 2024 PB	
Appropriation	FY 2023 Actuals	Request with CR Adjustments <sup>*</sup>	FY 2025 Request
U.S., Special Operations Command	1,008,177	1,224,777	1,355,366
Total Research, Development, Test and Evaluation, Defense-Wide	1,008,177	1,224,777	1,355,366

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#### Defense-Wide FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

#### Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line <u>No</u>	Program Element <u>Number</u>	Item	Act	Sec	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments <sup>*</sup>	FY 2025 Request
28	1160401BB	SOF Technology Development	02	U	60 <b>,</b> 762	52,287	50,183
	Applied Rese	earch			60,762	52,287	50,183
74	1160402BB	SOF Advanced Technology Development	03	U	150,711	156,097	197,767
	Advanced Teo	chnology Development			150,711	156,097	197,767
255	0305208BB	Distributed Common Ground/Surface Systems	07	U	6,095	6,214	5,854
279	1105219BB	MQ-9 UAV	07	U	43,276	37,188	34,851
280	1160279BB	Pilot Prog	07	U	32,550		
281	1160403BB	Aviation Systems	07	U	176,998	216,174	263,712
282	1160405BB	Intelligence Systems Development	07	U	88,700	86,737	81,648
283	1160408BB	Operational Enhancements	07	U	160,274	216,135	206,307
284	1160431BB	Warrior Systems	07	U	151,860	263,374	245,882
285	1160432BB	Special Programs	07	U	499	529	539
286	1160434BB	Unmanned ISR	07	U	3,354	6,727	31,578
287	1160480BB	SOF Tactical Vehicles	07	U	10,542	9,335	9,025
288	1160483BB	Maritime Systems	07	U	109,973	158,231	210,787
289	1160490BB	Operational Enhancements Intelligence	07	U	12,583	15,749	17,233
	Operational	Systems Development			796,704	1,016,393	1,107,416

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#### Defense-Wide FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

	Program					FY 2024 PB	
Line	Element				FY 2023	Request with	FY 2025
No	Number	Item	Act	Sec	Actuals	CR Adjustments*	Request
					1 000 100	1 004 555	1 055 066

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#### U.S., Special Operations Command FY 2025 President's Budget Exhibit R-1 FY 2025 President's Budget Total Obligational Authority (Dollars in Thousands)

#### Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line <u>No</u>	Program Element <u>Number</u>	Item	Act	Sec	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments <sup>*</sup>	FY 2025 Request
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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

	Program					FY 2024 PB	
Line	Element				FY 2023	Request with	FY 2025
				~		~~ · · · · *	
No	Number	ltem	Act	Sec _	Actuals	CR Adjustments	Request

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Appropria	tion 0400: Researcl	h, Development, Test & Evaluation	n, Defense-Wide	
Line #	Budget Activity	Program Element Number	Program Element Title	Page
74	03	1160402BB	SOF Advanced Technology Development	Volume 5 - 7

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Line #	Budget Activity	Program Element Number	Program Element Title	Page
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#### Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

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Distributed Common Ground/Surface Systems	0305208BB	255	07	Volume 5 - 17
Intelligence Systems Development	1160405BB	282	07	Volume 5 - 115
MQ-9 Unmanned Aerial Vehicle (UAV)	1105219BB	279	07	Volume 5 - 25
Maritime Systems	1160483BB	288	07	Volume 5 - 259
Operational Enhancements	1160408BB	283	07	Volume 5 - 141
Operational Enhancements Intelligence	1160490BB	289	07	Volume 5 - 301
SOF Advanced Technology Development	1160402BB	74	03	Volume 5 - 7
SOF Tactical Vehicles	1160480BB	287	07	Volume 5 - 251
SOF Technology Development	1160401BB	28	02	Volume 5 - 1
Small Business Innovation Research/Small Bus Tech Transfer	1160279BB	280	07	Volume 5 - 33
Special Programs	1160432BB	285	07	Volume 5 - 239
Unmanned ISR	1160434BB	286	07	Volume 5 - 241
Warrior Systems	1160431BB	284	07	Volume 5 - 143

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Acronym	Full Naming Convention
A2/AD	Anti-Access/Area Denial
A2E	Adaptive Airborne Enterprise
AA	Air-to-Air
AbMN	Airborne Mission Networking
ACT	AFT Cabin Trainer
ADM	Acquisition Decision Memorandum
AEA	Aviation Engineering Analysis
AFRL	Air Force Research Laboratory
AFSOC	Air Force Special Operations Command
A&FC	Airworthiness and Flight Characteristics
AGMS	Armored Ground Mobility System
AI	Artificial Intelligence
AISR	Airborne Intelligence, Surveillance, Reconnaissance
ALFPK	Austere Location Force Protection Kits
APNT	Alternative Precision Navigation and Timing
AM	Amplitude Modulation
AMN	Airborne Mission Network
AMS	Aviation Management System
AO	Armed Overwatch
APAS	Active Parallel Actuator System
ARSOA	Army Special Operations Aviation
ASE	Aircraft Survivability Equipment
ASIF	All Source Information Fusion
ASR	Advanced Sniper Rifle
ATAC	Asymmetric Target Acquisition Center
ATD	Advanced Technology Demonstration
ATW	Advanced Threat Warning
AvFID	Aviation Foreign Internal Defense
AVS	Air Variant System
AWR	Air Worthiness Release

BAA	Broad Area Announcement
BDP	Broadcast Dissemination Platform
BFT	Blue Force Tracking
BLOS	Beyond Line of Site
BOA	Basic Ordering Agreement
C2	Command and Control
C3	Command, Control, and Communications
C4	Command, Control, Communications, and Computer
C4I	Command, Control, Communications, Computers, and Intelligence
C4IAS	Command, Control, Communications, and Computer Intelligence Automation Systems
CA	Civil Affairs
CAAS	Common Avionics Architecture Systems
CAR	Combat Assault Rifle
CAS	Close Air Support
CASEVAC	Casualty Evacuation
CBA	Cost Benefit Analysis
CBMS	Critical Battery Management System
CCFLIR	Combatant Craft Forward Looking Infrared Radar
CCA	Combatant Craft - Assault
CCH	Combatant Craft - Heavy
CCM	Combatant Craft - Medium
CCME	Combatant Craft Mission Equipment
CDR	Critical Design Review
CDU	Control Display Units
CEM	Collectible Exploitable Material
CERP	Capital Equipment Replacement Program
CFE	Contractor Furnished Equipment
CHMD	Color Helmet Mounted Display
CIO	Chief Information Officer
CIM	Civil Information Management
CIMDPS	Civil Information Management Data Processing System

CIRCM	Common Infrared Countermeasure
CLS	Contractor Logistics Support
CLT	Common Launch Tube
CMNS	Combat Mission Needs Statement
CMS	Combat Mission Simulator
CNVD	Clip-On Night Vision Device
COCO	Contractor Owned Contractor Operated
COCOM	Combatant Command
COD	Correction of Deficiencies
COM	Clip-On-Magnifier
CONUS	Continental United States
СОР	Common Operational Picture
COSI	Clip-On Short Wave Infrared Imager
COTI	Clip-On Thermal Imager
COTM	Communications-on-the-Move
COTS	Commercial-Off-The-Shelf
СР	Counter-Proliferation
CPD	Capabilities Production Document
CQC	Close Quarter Combat
CQS	Close Quarter Sight
CT	Counter-Terrorism
CWMD	Countering Weapons of Mass Destruction
CUxS	Counter-Uncrewed Systems
CVEO	Counter Violent Extremist Organization
DACAS	Digital-Aided Close Air Support
DAMS	Distributed Audio Media System
DCGS-SOF	Distributed Common Ground/Surface SystemSpecial Operations Forces
DCM	Defensive Countermeasures
DCS	Dry Combat Submersible
DCU	Data Concentrator Unit
DDS	Dry Deck Shelter

DEWDS	Dedicated Electronic Warfare Display	
DI2E	Defense Intelligence Information Environment	
DNA	Deoxyribonucleic Acid	
DOD	Department of Defense	
DRWG	Distributed Common Ground/Surface System Working Group	
DT	Developmental Testing	
DTU	Data Transfer Unit	
DVE	Degraded Visual Environment	
DVEPS	Degraded Visual Environment Pilotage System	
DWR	Defense Wide Review	
DWS	Defensive Weapon System	
EAC	Exploitation Analysis Centers	
ECM	Electronic Countermeasures	
ECOS	Enhanced Combat Optical Sights	
ECP	Engineering Change Proposal	
EDM	Engineering Development Model	
EEK	Environmental Enclosure Kits	
EGI	Embedded Global Inertial	
EGPWS	Enhanced Ground Proximity Warning	
ELINT	Electronic Intelligence	
EMD	Engineering and Manufacturing Development	
ENT/ASIF	Enterprise All Source Information Fusion	
EO/IR	Electro-Optical Infrared	
EOSS	Electro-Optical Sensor System	
EOTACS	Expeditionary Organic Tactical AISR Capability Set	
ER	Extended Range	
ESA	Enhanced Situational Awareness	
ETI	Evolutionary Technology Insertion	
EUD	End User Devices	
EW	Electronic Warfare	
EWFOS	Electronic Warfare Family of Systems	

FAA	Federal Aviation Agency
FABS	Fly-Away Broadcast System
FAR	Federal Acquisition Regulation
FADE	Fusion Analysis and Development Effort
FCD	Field Computing Devices
FDWS	Forward Defensive Weapon System
FFRDC	Federally Funded Research Development Center
FFS	Full Flight Simulators
FM	Frequency Modulation
FMV	Full Motion Video
FOC	Full Operational Capability
FoS	Family of Systems
FQT	Functional Qualification Test
FRP	Full Rate Production
FSOV	Family of Special Operations Vehicles
FVL	Future Vertical Lift
FW	Fixed Wing
FY	Fiscal Year
FYDP	Fiscal Year Defense Plan
GATM	Global Air Traffic Management
GCC	Geographical Combatant Commander
GCS	Ground Control Station
GEOINT	Geospatial Intelligence
GFE	Government Furnished Equipment
GIG	Global Information Grid
GMV	Ground Mobility Vehicle
GOCO	Government Owned Contractor Operated
GOPSS	Ground Organic Precision Strike
GOTS	Government-Off-The-Shelf
GPPU	General Purpose Processing Units
GPS	Global Positioning System

GSK	Ground Signals Intelligence Kit
GTR	Gun Training Room
HAIL	Hydro Acoustic Information Link
HAL	Handgun Aiming Laser
HEL	High Energy Laser
HEO	Hyper Enabled Operator
HF	High Frequency
HFIS	Hostile Fire Indicator System
HFTTL	Hostile Forces Tagging, Tracking, and Locating
HMMWV	High Mobility Multipurpose Wheeled Vehicle
HRTV	High Resolution Thermal Viewer
HSVTOL	High Speed Vertical Take Off & Landing
IC	Intelligence Community
IDIQ	Indefinite Delivery/Indefinite Quantity
ILS	Integrated Logistics Support
IM	Insensitive Munitions
INOD	Improved Night/Day Observation/Fire Control Device
IOC	Initial Operational Capability
IPN	Installation Processing Node
IR	Infrared
IRAD	Industrial Research and Development
IRCM	Infrared Countermeasures
IRES	Improved Rotary Wing Electro-Optical Sensor
IRSS	Infrared Suppression System
ISIS	Islamic State of Iraq and Syria
ISP	Integrated Survey Plan
ISR	Intelligence, Surveillance and Reconnaissance
ISR&T	Intelligence, Surveillance, Reconnaissance, and Targeting
ISV	Infantry Squad Vehicle
IT	Information Technology
ITMS	Integrated Tactical Mission Systems

JASS	Joint Avionics System Software
JIE	Joint Information Environment
JLTV	Joint Light Tactical Vehicle
JOS	Joint Operational Stocks
JTAC	Joint Terminal Attack Controller
JTWS	Joint Threat Warning System
LAM	Laser Aiming Marker
LCM	Low Cost Modification
LCS	Load Carriage System
LE	Long Endurance (Maritime terms)
LEA	Long Endurance Aircraft
LFT&E	Live Fire Test and Evaluation
Lidar	Light Detection and Ranging
LMAMS	Lethal Miniature Aerial Munition Systems
LMG	Lightweight Machine Gun
LOS	Line of Sight
LPI/LPD	Low Probability of Intercept/Low Probably of Detection
LRBS	Long Range Broadcast System
LR/LE	Long Range Endurance
LRIP	Low Rate Initial Production
LRPF	Long-Range Precision Fires
LRS	Launch and Recovery System
LRSP	Long Range Sonic Projection
LRU	Line Replaceable Unit
LSDB	LaserSmall Diameter Bomb
LTATV	Lightweight Tactical All-Terrain Vehicle
LWIR	Long-Wave Infrared
MALET	Medium Altitude Long Endurance Tactical
MAAWS	Multi-Purpose Anti-Armor/Anti-Personnel Weapons System
MANET	Mobile Ad-hoc Networking
MAS	Miniature Aiming Systems

MC/COP	Mission Command/Common Operational Picture
MCE	Military Construction Collateral Equipment
MDA	Milestone Decision Authority
MDO	Multi-domain Operations
MEDEVAC	Medical Evacuation
MELB	Mission Enhanced Little Bird
MEP	Maritime Environmental Protection
MERIT	Military Exploitation of Reconnaissance and Intelligence Technology
MEUAS	Medium Endurance Unmanned Aerial System
MFD	Multi-Function Display
MFP	Major Force Program
MG	Machine Gun
MGO	Machine Gun Optic
MGS	Modular Glove System
MICH	Modular Integrated Communications Helmet
MIP	Military Intelligence Program
MIPR	Military Interdepartmental Purchase Request
MISO	Military Information Support Operations
ML	Machine Learning
MLE	Military Liaison Element
MM-ECM	Multi-Mission Electronic Countermeasures
MMP	Multi-Mission Payload
MMR	Multi-Mode Radar
MOOTW	Military Operations Other than War
MPE	Maritime Precision Engagement
MPE-M	Maritime Precision Engagement-Munitions
MPU	Mission Processor Unit
MRAP	Mine Resistant Ambush Protected (Vehicle)
MRETS	Mission Rehearsal Exercise Training System
MR/ME	Medium Range/Medium Endurance
MS	Milestone

MSE	Maritime Scalable Effects		
MSSEP	Mobile SOF Strategic Entry Points		
MTA	Middle Tier Acquisition		
MTD	Mission Training Devices		
MTMN	Maritime Tactical Mission Network		
MTPS	Mission Training and Preparation Systems		
MTS-B	Multi-Spectral Targeting SystemB		
MTTE	Maritime Technology Transition and Exploitation		
MTUAS	Multi-Mission Tactical Unmanned Aerial System		
MWC	Mid-Water Column		
MWIR	Mid-Wave Infrared		
MWS	Missile Warning System		
MYP	Multiyear Procurement		
NDI	Non-Developmental Item		
NDS	National Defense Strategy		
NET	New Equipment Training		
NGA	National Geospatial-Intelligence		
NGFLIR	Next Generation Forward Looking Infrared Radar		
NG CCFLIR	Next Generation Combatant Craft Forward Looking Infrared Radar		
NGLS	Next Generation Loud Speakers		
NLP	Natural Language Processing		
NM	Nautical Mile		
NRE	Non-Recurring Engineering		
NSAV	Non-Standard Aviation		
NSCV	Non-Standard Commercial Vehicle		
NSSS	National Systems Support to SOF		
NSWC	Naval Surface Warfare Center		
NTM	National Technical Means		
NVD	Night Vision Devices		
OA	Operational Assessment		
OAS	Obstacle Avoidance Sonar		

000	
000	Overseas Contingency Operations
OEM	Original Equipment Manufacturer
OFP	Operational Flight Program
OGA	Other Government Agency
OOC	Overseas Operations Costs
OSA	Operator Situational Awareness
OT	Operational Test
OTA	Other Transaction Authority
OT&E	Operational Test and Evaluation
P3I	Pre-Planned Product Improvement
PAL	Precision Aiming Laser
PCAS	Persistent Close Air Support
PCU	Protective Combat Uniform
PDAS	Power and Data Accessory Suite
PDR	Preliminary Design Review
PE	Program Element
PED	Processing, Exploitation, and Dissemination
PGL	Precision Geo Location
PGM	Precision Guided Munitions
PISA	Predator Integrated Signals Intelligence Architecture
PME	Prime Mission Equipment
POR	Program of Record
PSM	Personal Signature Management
PSP	Precision Strike Package
PTT	Part Task Trainer
P-VPS	Precision-Variable Scope
QL-CBA	Quick-Look Capabilities-Based Assessment
RAA/VAK	Remote Advise and Assist Virtual Accompany Kit
RAL	Ranging Aiming Laser
RAMS	Removable Airborne Military Information Support Operations System
RCI	Rapid Capability Insertion

R&D	Research and Development
RDT&E	Research, Development, Test, and Evaluation
RECCE	Tactical Reconnaissance Kit
RF	Radio Frequency
RFCM	Radio Frequency Countermeasures
RIS	Radio Integration System
ROP	Remote Observation Post
RPA	Remotely Operated Aircraft
RSTA	Reconnaissance, Surveillance, and Targeting Acquisition
R-VPS	Ranging-Variable Scope
RWR	Radar Warning Receiver
RWS	Remote Weapon Station
SA	Surface-to-Air
SAFC	Special Applications for Contingencies
SAPNET	Special Access Program Network
SATCOM	Satellite Communications
SBIR	Small Business Innovative Research
SBUD	Simulator Block Updates
SCE	Special Communications Enterprise
SCO	SOF Cryptologic Operator
SDB	Small Diameter Bomb
SDN	SOF Deployable Node
SDN-EP	SOF Deployable NodeExtension Packages
SDN-H	SOF Deployable Node-Heavy
SDN-L	SOF Deployable Node-Light
SDN-M	SOF Deployable Node-Medium
SDV	Sea, Air, Land (SEAL) Delivery Vehicle
SE	Short Endurance (Maritime terms)
SE	Scalable Effects
SEAL	Sea, Air, Land
SEALION	Sea, Air, Land, Insertion Observation Neutralization

SFAC	Security Forces Assistance Craft
SGIP	SOF Geospatial Intelligence Processing Exploitation and Dissemination
SGM	Small Glide Munition
SIE	Special Operations Forces Information Environment
SIGINT	Signals Intelligence
SIL	System Integration Lab
SIM	Sensor Integration Module
SIP	System Integration Partner
SIRFC	Suite of Integrated Radio Frequency Countermeasures
SKR	Silent Knight Radar
SLAP	Speed Loader Agile Pod
SMRTS	Specialize Multi-Band Radio Transit System
SMS	Special Mission System
SOCOM	Special Operations Command
SOCRATES	Special Operations Command, Research, Analysis and Threat Evaluation System
SOF	Special Operations Forces
SOF CBDIV	Special Operations Forces Combat Diving
SO-p	Special Operations - peculiar
SOFNET	Special Operations Forces Network
SOFPREP	Special Operations Forces Planning, Rehearsal, and Execution Preparation
SOFSA	Special Operations Forces Support Activity
SOI	Signals of Interest
SOMPE	Special Operations Mission Planning and Execution
SOPGM	Standoff Precision Guided Munitions
SoS	System of Systems
SOTF	Special Operations Task Force
SPCOM	Special Communications Field Segment - Enterprise
SPEAR	SOF Personal Equipment Advanced Requirements
SPPN	Special Purpose Processing Node
SM	Scatterable Media
SMU	Special Mission Units

SR	Special Reconnaissance
SR/SE	Short Range/Short Endurance
SRS	Short Range Sensor
SRSP	Short Range Sonic Projection
SRTV	Secure Real-Time Video
SSE	Sensitive Site Exploitation
STAMP	SOCOM Tactical Airborne Multi-Sensor Platform
STC	SOF Tactical Communications
STLD	Small Target Location Devices
STTR	Small Business Technology Transfer
STUAS	Small Tactical Unmanned Aerial Systems
SUAS	Small Unmanned Airborne Systems
SURG	Suppressed Upper Receiver Group
SUSV	SOF Unmanned Surface Vehicle
SUUV	Small Unmanned Underwater Vehicle
S-VPS	Squad-Variable Power Scope
SWAP	Size, Weight and Power
SWCS	Shallow Water Combat Submersible
SWIR	Shortwave Infrared
TACLAN	Tactical Local Area Network
TAK	Tactical Assault Kit
TALOS	Tactical Assault Lightweight Operator Suit
TAS	Threat Awareness System
TCCC	Tactical Combat Casualty Care
TDL	Tactical Data Link
TENCAP	Tactical Exploitation of National Capabilities
TF/TA	Terrain Following/Terrain Avoidance
T&H	Transportation and Handling
TOCNET	Tactical Operations Center
TMN	Tactical (Airborne) Mission Network
TMS	Tactical Mission Systems

TMMR	Technology Maturation and Risk Reduction
TPAN	Tactical Personal Area Networks
TPE	Theater Provided Equipment
TRL	Technology Readiness Level
TSOC	Theater Special Operations Command
TTA	Tactical Target Acquisition
TTV	Team Transportable Variant
TTL	Tagging, Tracking and Locating
TV	Television
TVS/RSTA	Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition
UARC	University Affiliated Research Agreement
UAS	Unmanned Aerial System
UAV	Unmanned Aerial Vehicle
UBA	Underwater Breathing Apparatus
UCME	Undersea Craft Mission Equipment
UDIF	Ultra-Digital Interface
UGS/UMS	Unattended Ground Sensors/Unattended Maritime Sensors
UHF	Ultra-High Frequency
UI	User Interface
URG	Upper Receiver Groups
URG-I	Upper Receiver Groups-Improved
USS	Unmanned Surface Systems
USSOCOM	United States Special Operations Command
UUV	Unmanned Underwater Vehicle
VAK	Virtual Accompany Kits
VAS	Visual Augmentation Systems
VBIED	Vehicle-Borne Improvised Explosive Device
VBL	Visible Bright Light
VBSS	Visit, Board, Search, and Seizure
VHF	Very High Frequency
VTC	Video Teleconferencing

VTOL	Vertical Take Off and Landing
WAN	Wide Area Network
WPAN	Wireless Personal Area Networks

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spec					ial Operations Command					Date: March 2024		
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 2: Applied Research				<b>R-1 Program Element (Number/Name)</b> PE 1160401BB / SOF Technology Development								
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	722.278	60.762	52.287	50.183	-	50.183	50.427	53.274	54.269	55.284	Continuing	Continuing
S100: SOF Technology Development	722.278	60.762	52.287	50.183	-	50.183	50.427	53.274	54.269	55.284	Continuing	Continuing

#### A. Mission Description and Budget Item Justification

This Program Element enables the United States Special Operations Command (USSOCOM) to conduct studies and develop laboratory prototypes for applied research and advanced technology development, as well as leverage other organizations' technology projects. Applying small incremental amounts of investments to the Department of Defense (DoD), other government agencies, and commercial organizations allows the USSOCOM to influence the direction of technology development or the schedule against which it is being pursued, and to acquire disruptive solutions and emerging technologies for Special Operations Forces (SOF). This project provides an investment strategy for the USSOCOM to link technology opportunities with capability deficiencies, capability objectives, technology thrust areas, human endurance and sensory performance, and technology development objectives. This investment strategy is aligned to establish future SOF capabilities in support of Joint Warfighting Concepts. This PE received Congressional Adds in FY 2023 for signature management improvements (\$4.500 million) and assessment of commercial system (\$5.235 million), and Congressional Add funding reprogrammed from Defense Health Agency for Special Operations Traumatic Brain Injury Pilot Program (\$4.000 million).

<u> 3. Program Change Summary (\$ in Millions)</u>	<u>FY 2023</u>	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	<u>FY 2025</u>	5 Total
Previous President's Budget	58.909	52.287	49.101	-	2	49.101
Current President's Budget	60.762	52.287	50.183	-	Ę	50.183
Total Adjustments	1.853	0.000	1.082	-		1.082
<ul> <li>Congressional General Reductions</li> </ul>	-	-				
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-				
<ul> <li>Congressional Rescissions</li> </ul>	-	-				
<ul> <li>Congressional Adds</li> </ul>	-	-				
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-				
<ul> <li>Reprogrammings</li> </ul>	4.000	-				
<ul> <li>SBIR/STTR Transfer</li> </ul>	-2.147	-				
<ul> <li>Adjustments to Budget Year</li> </ul>	-	-	1.082	-		1.082
Congressional Add Details (\$ in Millions, and Inclu	ides General Redu	<u>ictions)</u>			FY 2023	FY 2024
Project: S100: SOF Technology Development						
Congressional Add: Signature Management Impro	ovements				4.336	-
Congressional Add: Assessment of Commercial S	Systems				5.043	-

Special Operations Command	ate: March 2024											
<b>R-1 Program Element (Number/Name)</b> PE 1160401BB / SOF Technology Development												
I Reductions)	FY 2023	FY 2024										
	4.000	-										
Congressional Add Subtotals for Project: S1	00 13.379	-										
Congressional Add Totals for all Proje	cts 13.379	-										
reprogrammed from Defense Health Agency for Special Operation's modernization efforts and guidance to increase funding in App and data fusion, as well as continued advancements in informationytically focused efforts with small and or non-traditional businesse	ied Research in th n operations and e s who are explorir	n Injury Pilot e areas of lectronic ng truly										
	R-1 Program Element (Number/Name)         PE 1160401BB / SOF Technology Development         I Reductions)         Congressional Add Subtotals for Project: S11         Congressional Add Totals for all Project         reprogrammed from Defense Health Agency for Special Operation         's modernization efforts and guidance to increase funding in Applend data fusion, as well as continued advancements in information         rtically focused efforts with small and or non-traditional businessed	Special Operations Command       Pate: March 2024         R-1 Program Element (Number/Name)       PE 1160401BB / SOF Technology Development         I Reductions)       FY 2023         Congressional Add Subtotals for Project: S100       13.379         Congressional Add Totals for all Projects       13.379         reprogrammed from Defense Health Agency for Special Operations Traumatic Brai         's modernization efforts and guidance to increase funding in Applied Research in the nd data fusion, as well as continued advancements in information operations and extically focused efforts with small and or non-traditional businesses who are exploring the second s										
Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command								Date: March 2024				
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Appropriation/Budget Activity 0400 / 2	ation/Budget Activity       R-1 Program Element (Number/Name)       Project (Number/Name)         PE 1160401BB / SOF Technology Develop       S100 / SOF Technology         ment       ment						ne) gy Developri	nent				
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S100: SOF Technology Development	722.278	60.762	52.287	50.183	-	50.183	50.427	53.274	54.269	55.284	Continuing	Continuing

#### A. Mission Description and Budget Item Justification

This project conducts studies and develops laboratory prototypes for applied research and advanced technology developments and leverages other organizations' technology projects. Small incremental co-investments with the Department of Defense (DoD), other government agencies, and commercial organizations allow the United States Special Operations Command (USSOCOM) to influence the schedule and direction of technology developments, emerging technologies, and capabilities for Special Operations Forces (SOF), with significant economies of investment. This USSOCOM investment strategy is used to link technology opportunities with capability deficiencies, capability objectives, technology thrust areas, and technology objectives through key stakeholder relationships with the DoD and government technology developers. Technology development needs in these areas may be advertised to industry and government research and development agencies via agency announcements and calls for white papers.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: SOF Technology Development	43.372	48.027	45.838
<b>Description:</b> This project conducts studies and develops laboratory prototypes for applied research and advanced technology developments and leverages other organizations' technology projects. This project will continue to exploit and integrate emerging technologies to enable SOF to conduct assigned military responsibilities and expand in support of integrated deterrence. Increases focus on scalable and precision effects, particularly effects that are non-kinetic; capitalizes on commercial and government discoveries in data and analytics; explores future emplacement and access opportunities, sensor and sensor fusion technology, and biotechnologies and human performance capabilities. This project also funds experimentation and concept development to equip the future SOF warfighter.			
Based upon agreed technology maturity metrics, transfer successful projects into advanced technology development and/or programs of record.			
FY 2024 Plans: Continue ongoing technology development projects in areas such as, but not limited to: enabling power technologies; electromagnetic spectrum; data analytics; signature reduction technologies; high data-rate throughput; and advances in lightweight materials. Advance technologies for combat medical equipment, biotechnologies, tactics, human performance, sensors, information sources, and processing improvements, improve human-machine interfaces and displays, identify SO- peculiar (SO-p) specific machine learning/artificial intelligence, and secure communications. Based upon agreed technology			

xhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command				Date: March 2024			
Appropriation/Budget Activity I 0400 / 2	<b>R-1 Program Element (Number/Nam</b> PE 1160401BB / SOF Technology Dev ment	e) Projec velop S100 /	t <b>(Number/N</b> SOF Techno	<b>lame)</b> blogy Develop	oment		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2023	FY 2024	FY 2025		
maturity metrics, transfer successful projects into programs of record. Continue t providing the dismounted special operator leap-ahead capabilities via innovative	he integration of critical technologies f collaborative processes.	ocused on					
<b>FY 2025 Plans:</b> Continues ongoing technology development projects in areas such as, but not lir technologies for combat medical equipment, human performance, sensors, informachine interfaces and displays, capability specific machine learning/artificial interfaces.	nited to: advances in lightweight mate mation to create effects, improved hur elligence algorithms, and secure com	rials, nan- munications.					
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$2.189 million is due to funding made available to support critical er	nergent command requirements.						
Title: Classified Project			4.011	4.260	4.345		
Description: Classified Project (provided under separate cover).							
<i>FY 2024 Plans:</i> Details provided under separate cover.							
<i>FY 2025 Plans:</i> Details provided under separate cover.							
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Details for increase of \$0.085 million will be provided under separate cover. This United States Code, Section 119(a)(1) in the Special Access Program Annual Re	s project is reported in accordance wit eport to Congress.	h Title 10,					
4	Accomplishments/Planned Program	s Subtotals	47.383	52.287	50.183		
	FY	2023 FY 20	24				
Congressional Add: Signature Management Improvements		4.336	-				
<b>FY 2023 Accomplishments:</b> This effort funded the fabrication of initial small une prototypes based on design work completed under an FY 2022 Congressional A built, government-owned uncrewed platform with the payload, range, speed and USSOCOM operators to complete their mission.	crewed aerial systems (sUAS) dd. The sUAS will be a purpose- survivability required by the						
Congressional Add: Assessment of Commercial Systems		5.043	-				
<b>FY 2023</b> Accomplishments: Identified and characterized capability enablers su virtual and constructive simulations, range and operator sensor instrumentation,	ch as digital twins, synthetic secure network and "quantum-						

Appropriation/Budget ActivityR-1 Program Element (Number/Name)Project (Number/Name)0400 / 2PE 1160401BB / SOF Technology Develop mentS100 / SOF Technology Development	Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	Date: March 2024		
	Appropriation/Budget Activity 0400 / 2	<b>R-1 Program Element (Number/Name)</b> PE 1160401BB / SOF Technology Develop ment	Project (N S100 / SO/	umber/Name) F Technology Development

	FY 2023	FY 2024
safe" protocols and Internet of Things device integration and tracking for potential inclusion and incorporation into Counter Access Systems and Platform Evaluation Range (CASPER).		
Congressional Add: Traumatic Brain Injury Pilot Program	4.000	-
<b>FY 2023 Accomplishments:</b> This effort funded a study which will evaluate short-term and long-term clinical outcomes in Special Operations Forces in an intensive one-week holistic evaluation program that offers a comprehensive assessment and world class treatment of post-traumatic stress, traumatic brain injury, and other brain injuries.		
Congressional Adds Subtotals	13.379	-

C. Other Program Funding Summary (\$ in Millions)

N/A

<u>Remarks</u>

D. Acquisition Strategy

N/A

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operation						ns Comman	d			Date: Marc	h 2024	
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)				R-1 Program Element (Number/Name) PE 1160402BB / SOF Advanced Technology Development								
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	1,718.232	150.711	156.097	197.767	-	197.767	156.925	173.447	138.960	157.267	Continuing	Continuing
S200: Advanced Technology Development	1,606.266	127.317	129.741	178.011	-	178.011	136.664	152.669	117.456	135.192	Continuing	Continuing
SF101: Engineering Analysis	111.966	23.394	26.356	19.756	-	19.756	20.261	20.778	21.504	22.075	Continuing	Continuing

#### A. Mission Description and Budget Item Justification

United States Special Operations Command

Advanced Technology Development (Project S200) conducts rapid prototyping and Advanced Technology Demonstrations (ATDs). ATDs provide a means for evaluating the utility of emerging/advanced technologies in operationally relevant environments with Special Operations forces (SOF) users. Evaluation results are included in a transition package, which assists in the initiation of or insertion into an acquisition program. ATDs also address projects that are a result of unique joint special mission or area-specific needs for which a few-of-a-kind prototypes must be developed on a rapid response basis, or of sufficient time sensitivity to accelerate the prototyping effort of a normal acquisition program in any phase. The ATD investment strategy is aligned to establish future SOF capability in support of Joint Warfighting Concepts. This project received Congressional Adds in FY 2023: identity threat mitigation and force protection initiative (\$17.000 million); C-130J autonomous capabilities (\$7.000 million); gesture control integration project (\$5.000 million); uncrewed aerial systems electronic deception (\$1.500 million); global data analytics and visualization (\$8.000 million); and Next Gen ISR SOF Enhancement (\$7.000 million).

Engineering Analysis (Project SF101) provides rapid response capability for the investigation, evaluation, and demonstration of technologies for SOF platform (ground, air, and maritime) and soldier system-unique requirements. Timely application of SO-peculiar technology is critical and necessary to meet requirements in such areas as: sensor integration; enhanced situational awareness; near-real-time intelligence to include data fusion; threat detection and avoidance; electronic support measures for threat geo-location and specific emitter identification; navigation; target detection; weapon performance integration; and future SOF platform and soldier system requirements. This project provides additional engineering analysis and testing required to transition items from national forces to theater forces.

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	148.062	156.097	155.005	-	155.005
Current President's Budget	150.711	156.097	197.767	-	197.767
Total Adjustments	2.649	0.000	42.762	-	42.762
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
Reprogrammings	8.309	-			
SBIR/STTR Transfer	-5.660	-			
<ul> <li>Adjustments to Budget Year</li> </ul>	_	-	42.762	-	42.762
PE 1160402BB <sup>1</sup> SOE Advanced Technology Development	UNC	CLASSIFIED			
	•				Volume 5 - 7

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spe	cial Operations Command	Date: March 2024	
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)	<b>R-1 Program Element (Number/Name)</b> PE 1160402BB / SOF Advanced Technology Development	nt	
Congressional Add Details (\$ in Millions, and Includes General Re	ductions)	FY 2023	FY 2024
Project: S200: Advanced Technology Development			
Congressional Add: Identity Threat Mitigation and Force Protection	Initiative	15.593	-
Congressional Add: C-130J Autonomous Capabilities		7.000	-
Congressional Add: Gesture Control Integration Project		5.000	-
Congressional Add: Unmanned Aerial Systems Electronic Deception	on	1.500	-
Congressional Add: Global Data Analytics and Visualization		8.000	-
Congressional Add: Next Gen ISR SOF Enhancement		6.744	-
	Congressional Add Subtotals for Project: S2	43.837	-
	Congressional Add Totals for all Proje	cts 43.837	-

#### **Change Summary Explanation**

Funding:

FY 2023: Net increase of \$2.649 million. Increase due to Congressional Add for funding for Next Generation ISR SOF enhancements reprogrammed from Warrior System, PE 1160431BB (\$7.000 million); increase for emerging Command requirements of (\$1.309 million). Decrease of \$5.660 million is due to a reprogramming of funds to the congressionally mandated Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) programs.

FY 2024: None.

FY 2025: Increase of \$42.762 million is due to Command driven modernization efforts to provide the Department of Defense with capabilities to win in future conflicts, including additional funds for the High Speed Vertical Takeoff and Landing (HSVTOL) engineering development effort initiated in FY 2024.

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command								Date: Marc	h 2024			
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name)Project (PE 1160402BB / SOF Advanced TechnologS200 / Ay DevelopmentS200 / A				Project (N S200 / Adv	Number/Name) Ivanced Technology Development		
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S200: Advanced Technology Development	1,606.266	127.317	129.741	178.011	-	178.011	136.664	152.669	117.456	135.192	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

#### A. Mission Description and Budget Item Justification

This project provides for rapid prototyping, Advanced Technology Demonstrations (ATDs) and Joint Capability Technology Demonstrations. It is a means for demonstrating and evaluating the utility of emerging/advanced technologies in operationally relevant environments with Special Operations Forces (SOF) users. This project integrates disruptive solutions and emerging technologies and then presents them in technology demonstrations, in conjunction with joint experiments and other assessment events. Evaluation results often facilitate the initiation of new programs and the insertion of appropriate technologies to acquisition programs. This project leverages key stakeholder relationships with the Department of Defense and government technology developers to address unique, joint special mission or area-specific needs for which a few rapid prototypes must be developed on a responsive basis, or of sufficient time sensitivity to accelerate prototyping efforts of a normal acquisition program in any phase.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: SOF Special Technology Project	76.223	86.924	78.918
<b>Description:</b> This project integrates emerging technologies and presents them in technology demonstrations, in conjunction with joint experiments and other assessment events. This project will continue to exploit and integrate emerging technologies to enable SOF to conduct assigned military responsibilities and expand in support of integrated deterrence. Also funds technical field experimentation to equip the future SOF warfighter. Based upon agreed technology maturity metrics, transfers successful projects into programs of record, and conducts field experimentations at various venues to facilitate technology insertion.			
<i>FY 2024 Plans:</i> Continue the development and insertion of technology into existing programs. Technologies include but are not limited to: reduced signature profiles; next generation effects; assured communications; command and control systems; machine learning / artificial intelligence (ML/AI); sensors; information sources; emplacement and access; situational awareness tools; revolutionary materials; power and energy enablers; and technologies that reduce the load of the operator. Continue development of technologies supporting undersea, ground and air mobility. Evaluate and develop opportunities to leverage the electromagnetic spectrum to meet operational requirements. Continue the integration of critical technologies focused on providing the dismounted special operator with leap-ahead capabilities via innovative collaborative processes. Continue to develop sensors, surveillance, network and data management technology to provide tactically relevant situational awareness at the point of need. Continue effort for field prototype system incorporating technologies likely to transition to fielded systems. Based upon agreed technology maturity metrics, transfer successful projects into programs of record, and conduct field experimentations at various venues to facilitate			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C		Date: N	1arch 2024		
Appropriation/Budget Activity 0400 / 3	<b>R-1 Program Element (Number/Name)</b> PE 1160402BB / SOF Advanced Technolog y Development	Project S200 / A	(Number/I Advanced 7	Name) Technology De	velopment
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2023	FY 2024	FY 2025
technology insertion. Continue the United States Special Operations Command advanced technology development.	d (USSOCOM) focus on modernization suppor	ting			
<b>FY 2025 Plans:</b> Continues the development and insertion of technology into existing programs. scalable and precision effects; command and control systems; capability speci sensors; multi-domain emplacement and access; situational awareness tools; a operator. Continues development of field prototypes incorporating technologies the United States Special Operations Command focus on modernization.	. Technologies include but are not limited to: fic machine learning/artificial intelligence algor and technologies that reduce the load of the s likely to transition to fielded systems, support	thms; ing			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$8.006 million is due to funding made available to support critical	emergent command requirements.				
Title: USSOCOM Rapid Defense Experimentation Reserve (RDER) Projects			-	10.000	19.000
<b>Description:</b> Funds USSOCOM RDER projects via SecDef process. USSOCO prototypes to validated joint SOF and SOF/Conventional Forces military capab environments. USSOCOM RDER projects are 12-24 month efforts focused on and warfighters through experimentation.	OM RDER projects accelerate technology from ilities to support operations in highly contested fast iterations of prototyping between technology	ı gists			
<b>FY 2024 Plans:</b> Begin the USSOCOM Rapid Defense Experimentation Reserve development a to prototype and experiment with Hostile Forces Tagging, Tracking, and Locati transition to the HF-TTL Program of Record (\$10 million).	and experimentation efforts. Initiate SOF Targe ing (HF-TTL) in this mission space for potentia	ting			
<b>FY 2025 Plans:</b> Continue USSOCOM Rapid Defense Experimentation Reserved development Hub to demonstrate an open source, open standards framework for US/Partne control systems in an operationally relevant environment for potential transition Operational Picture (MCS/COP) Program of Record (\$10 million). Open Senso through a USSOCOM Small Business Innovation Research project for intellige Initiate Unmanned Maritime Deployment to demonstrate use of small, unmann open architectures and flexible payloads to deliver disruptive capabilities and e on littoral environments (\$9 million). Project will be US Navy led and transitione warfighting capabilities among USSOCOM, US Navy and US Marine Corps. Fo	and experimentation efforts. Initiate Open Sen er Nation interoperability of sensors, platforms, in to Mission Command Systems/Common or Hub leverages commercial software develop ence surveillance and reconnaissance applicati ed surface/undersea platforms with common/ effects in near-term/future operations with a foc ed but will prototype and experiment with joint unds will support the SOF-unique aspects of	sor ed ons. us			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special	Date: March 2024			
Appropriation/Budget Activity 0400 / 3	<b>R-1 Program Element (Number/Name)</b> PE 1160402BB / SOF Advanced Technolog y Development	Project (Number/ S200 / Advanced T	Name) Technology De	evelopment
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
prototyping and experimentation. Open Sensor Hub and Unmanned Maritime as FY 2025 RDER projects in 1QFY24.	Deployment projects were approved and budge	ed		
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$9.000 million is due to USSOCOM Rapid Defense Experimentati RDER FY 2025 Base Plans.	on Reserve development efforts as stated in the			
Title: High Speed Vertical Takeoff and Landing (HSVTOL)		-	25.000	72.150
<b>Description:</b> In conjunction with Defense Advanced Research Projects Agen demonstration of agile and responsive air mobility capabilities to support runw maneuverability, and to provide the ability to penetrate anti-access (A2)/anti-d	cy, the HSVTOL supports the development and vay independent operations, increased speed of lenial (AD) environments.			
<b>FY 2024 Plans:</b> Begin efforts focused on early engineering activities for a HSVTOL demonstratechnologies such as materials, propulsion and flight controls.	ation platform and risk reduction of critical			
<b>FY 2025 Plans:</b> Continues efforts focused on engineering activities geared towards design activities preliminary and detailed design, development, analysis, modeling an various engineering disciplines such as avionics, electrical, structural, propuls engineering disciplines.	tivities for the HSVTOL demonstration platform. d simulation, and system / subsystem verificatio ion, aerodynamics, and survivability, amongst o	This n of her		
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$47.150 million funds competitive down-selected vendors to matu design activities and develop enabling HSVTOL technologies. Supports anot design. Supports planned initial demonstration of next-generation VTOL capa A2AD penetration and contested logistics.	re their conceptual designs, accelerate prelimina her down-select in FY25 for advancing to detaile abilities required to close requirement gaps in an	ry d		
Title: Classified Sub-Project		7.257	7.817	7.943
Description: Classified Sub-Project (provided under separate cover).				
<b>FY 2024 Plans:</b> Details provided under separate cover.				
FY 2025 Plans:				

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States		Date: March 2024				
Appropriation/Budget Activity 0400 / 3	<b>R-1 Program Element (Number/</b> PE 1160402BB / SOF Advanced y Development	<b>Name)</b> Technolog	Projec S200 /	t (Number/N Advanced To	<b>lame)</b> echnology De	evelopment
B. Accomplishments/Planned Programs (\$ in Millions)			Γ	FY 2023	FY 2024	FY 2025
Details provided under separate cover.						
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Details for increase of \$0.126 million provided under separate cover. States Code, Section 119(a)(1), in the Special Access Program Annu	Sub-project is reported in accordance with T al Report to Congress.	ïtle 10, Unit	ted			
	Accomplishments/Planned Prog	grams Sub	totals	83.480	129.741	178.01
		FY 2023	FY 20	24		
Congressional Add: Identity Threat Mitigation and Force Protection	Initiative	15.593		-		
<b>FY 2023 Accomplishments:</b> This effort funded the continued develope for integration into the SOF Digital Ecosystem. Capabilities develope identity protection and monitoring capabilities, incorporated new data display methods. Software-intensive Identity Threat Mitigation system methodologies and best practices.						
Congressional Add: C-130J Autonomous Capabilities		7.000		-		
<b>FY 2023 Accomplishments:</b> This effort funded the development, int and reduced flight deck crew workload on a C-130J platform. Capab elevated mission capabilities, extended operational time of the aircrasignificantly cut down on costs by reducing aircrew.	egration and demonstration of automation ilities developed under this effort provided ft, increased safety for flight crews, and					
Congressional Add: Gesture Control Integration Project		5.000		-		
<b>FY 2023 Accomplishments:</b> This effort funded the development of vis agnostic to drone hardware, enhanced interoperability, and compression warfare" environment.	wearable gesture control technology that essed the sensor-to-shooter workflow in a					
Congressional Add: Unmanned Aerial Systems Electronic Deceptic	n	1.500		-		
<b>FY 2023 Accomplishments:</b> This effort funded the fabrication of init (sUAS) prototypes based on design work completed under an FY 202 built, Government-owned uncrewed platform with the payload, range USSOCOM operators to complete their mission.	ial small unmanned aerial systems 22 plus-up. The sUAS is a purpose- , speed and survivability required by the					
Congressional Add: Global Data Analytics and Visualization		8.000		-		

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command		Date: March 2024		
Appropriation/Budget Activity 0400 / 3R-1 Program Elem PE 1160402BB / SC y Development	ent (Number/Name) DF Advanced Technolog	Project (Number/Name) S200 I Advanced Technology Developme		
	FY 2023	FY 2024	]	
<b>FY 2023 Accomplishments:</b> This effort funded the integration of university-led supply chain analytic source, commercial, government and local contributor data to provide a supply-chain decision supplies at the tactical and operational level.	cs with open ort capability			
Congressional Add: Next Gen ISR SOF Enhancement	6.744			
<b>FY 2023 Accomplishments:</b> This effort funded the development for an ability to utilize gesture con of the situational awareness and robotic programs for SOF. The effort will introduce the potential to humans and machines and the interoperability of the systems, human-machine, and supports increase speed in command, control, communications, and information throughput with systems/networks of payloads, sensors, and data.	trol for much integrate ased platforms,			
Congressional Ad	ds Subtotals 43.837	-		

#### C. Other Program Funding Summary (\$ in Millions)

N/A

<u>Remarks</u>

#### D. Acquisition Strategy

N/A

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command											ch 2024	
Appropriation/Budget Activity 0400 / 3					R-1 Progra PE 116040 <i>y Developr</i>	am Elemen 2BB / SOF ment	t <b>(Number</b> / Advanced	<b>Name)</b> Technolog	Project (N SF101 / Er			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
SF101: Engineering Analysis	111.966	23.394	26.356	19.756	-	19.756	20.261	20.778	21.504	22.075	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

#### A. Mission Description and Budget Item Justification

This project provides a rapid response capability to support Special Operations Forces (SOF) programs and capabilities across the enterprise. The purpose is to correct system deficiencies, improve asset life, and enhance mission capability through the means of feasibility studies, analysis of alternatives, pre-developmental risk reduction studies, and engineering analyses. This project provides the engineering required to improve the design and performance integrity of the SOF equipment and software and to integrate disruptive "off-the-shelf" technologies to meet current and emergent capability gaps. This project also conducts risk reduction studies, analyses, and demonstrations to support emerging, time-critical equipment, weapons, and sensor enhancements.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: National to Theater Engineering Analysis	2.280	2.431	2.480
<b>Description:</b> Provides additional engineering analysis and testing required to transition items from national forces to theater forces.			
<b>FY 2024 Plans:</b> Continue additional testing and evaluation required on various equipment items such as communications, intelligence, weapons, and operator protection planned for transition to SOF Theater Forces.			
<b>FY 2025 Plans:</b> Continues additional testing and evaluation required on various equipment items such as communications, intelligence, weapons, and operator protection planned for transition to SOF Theater Forces.			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.049 million supports additional testing and evaluation required on various equipment items.			
Title: Engineering Analysis	17.400	19.925	13.276
<b>Description:</b> Funding supports the development of rapid response capabilities to support SOF platform and soldier systems. Supports technology development to correct system deficiencies, improve platform asset life, and enhance mission capabilities. Supports engineering assessments and evaluation of technology feasibility, producibility, and integration into SOF specific equipment. Supports engineering analysis activities to address platform survivability such as signature management, situational awareness, and versatile mission equipment (payloads, communications, and weapons) to achieve SOF mission objectives. Prioritizes insertion of emergent technology into programs of record in a timely manner.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Op	Date: March 2024					
Appropriation/Budget Activity 0400 / 3	<b>R-1 Program Element (Number/Name)</b> PE 1160402BB / SOF Advanced Technolog y Development	<b>Projec</b> SF101	t (Number/N I Engineerin	<b>lame)</b> g Analysis		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2023	FY 2024	FY 2025	
<b>FY 2024 Plans:</b> Continue to assess concepts and prototypes that provide increased capability of to meet emerging threats. Assess and evaluate advanced methods to deliver ne evaluate improved network and data management systems that incorporate sign environments, systems that improve situational awareness on the battlefield, and Surveillance, and Reconnaissance (ISR) in future environments. Continue to assist increase operator effectiveness and situational awareness in all environments. Cost platform mission survivability. Activities include signature management (acc awareness with full spectrum threat warning and countermeasures, and versatile and weapons) to improve SOF survivability in less than permissive operating environments.	f SOF mobility platforms to include improvement ext generation effects. Identify, assess, and hificant improvements to operate in contested d disruptive technologies to enable Intelligence sess materials, concepts, and prototypes to Continue engineering analysis activities to impoustic, infrared, radio frequency), situational e mission equipment (payloads, communication vironments.	ents ce, prove ons,				
<b>FY 2025 Plans:</b> Continue to assess concepts and prototypes that provide increased capability of to meet emerging threats. Assesses and evaluates advanced methods to deliver assess, and evaluates improved network and data management systems that in contested environments, systems that improve situational awareness on the batt in future environments. Continues to assess materials, concepts, and prototypes awareness in all environments. Continues engineering analysis activities to imprinclude signature management (acoustic, infrared, radio frequency), situational a countermeasures, and versatile mission equipment (payloads, communications, less than permissive operating environments.	ents e in ISR tional ities ind n					
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$6.649 million is due to funding made available to support critical er	mergent command requirements.					
Title: Experimentation Force			3.714	4.000	4.000	
<b>Description:</b> Funding supports the integration of technology with operational vig innovative applications across all domains addressing SOF specific modernization	gnette-based experiments designed to stimula on needs.	ate				
<b>FY 2024 Plans:</b> Continue the development of innovative concepts, conducts experimentation to conducting globally integrated special operations across all domains.	develop hyper-enabled teams capable of					
FY 2025 Plans: Continue the development of innovative concepts, conducts experimentation to o	develop hyper-enabled teams capable of					

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024										
Appropriation/Budget Activity 0400 / 3	<b>R-1 Program Element (Number/Name)</b> PE 1160402BB / SOF Advanced Technolog y Development	<b>Project (Number/Name)</b> SF101 <i>I Engineering Analysis</i>								
B. Accomplishments/Planned Programs (\$ in Millions)		ſ	FY 2023	FY 2024	FY 2025					
conducting globally integrated special operations across all domains and ide SOF specific operational capability gaps.	entifies opportunities to insert technology to mitigation	ate								
	Accomplishments/Planned Programs Sub	totals	23.394	26.356	19.756					
C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy N/A										

Exhibit R-2, RDT&E Budget Item	Justificati	i <b>on:</b> PB 202	25 United St	tates Specia	cial Operations Command						Date: March 2024		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305208BB / Distributed Common Ground/Surface Systems								
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost	
Total Program Element	73.345	6.095	6.214	5.854	-	5.854	6.066	6.187	6.311	6.437	Continuing	Continuing	
S400A: Distributed Common Ground/Surface Systems	73.345	6.095	6.214	5.854	-	5.854	6.066	6.187	6.311	6.437	Continuing	Continuing	

#### A. Mission Description and Budget Item Justification

This Program Element is part of the Military Intelligence Program (MIP). The Distributed Common Ground/Surface System Special Operations Forces (DCGS-SOF) is part of a family of systems providing rapid fielding of Intelligence, Surveillance, and Reconnaissance (ISR) Processing, Exploitation, Dissemination (PED), and analytical capabilities at the Combatant Commands (COCOM), Component/Theater Special Operations Commands (TSOC) level and below through a combination of reach back, forward support, and collaboration. The mission tailored infrastructure interconnects the warfighters, analysts, and sensors to find and fix high value targets and provides a network-enabled, interoperable construct allowing continual, unimpeded sharing of intelligence data, information and services with SOF and between the services, national intelligence agencies, COCOMs, and multi-national partners. The DCGS-SOF connects SOF warfighters and analysts with essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The two components of DCGS-SOF are Enterprise/All Source Information Fusion (ENT/ASIF) and SOF Geospatial Intelligence information, and Dissemination (SGIP). The ENT/ASIF provides infrastructure, processing, and intelligence analytical tools for worldwide SOF intelligence information sharing via a globally connected cloud based architecture as well as a forward disconnected capability. The SGIP provides capabilities in garrison and deployed environments for the PED of crewed and uncrewed sensors.

B. Program Change Summary (\$ in Millions)	FY 2023	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	6.095	6.214	5.854	-	5.854
Current President's Budget	6.095	6.214	5.854	-	5.854
Total Adjustments	0.000	0.000	0.000	-	0.000
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	-	-			

#### **Change Summary Explanation**

Funding:

FY 2023: None.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Sp	pecial Operations Command	Date: March 2024				
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 0305208BB <i>I Distributed Common Ground/Surface</i>	Systems				
FY 2024: None.						
FY 2025: None						

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024													
Appropriation/Budget Activity 0400 / 7					R-1 Progra PE 030520 <i>und/Surfac</i>	a <b>m Elemen</b> 8BB / Distri e Systems	t (Number/ ibuted Com	Name) mon Gro	<b>Project (N</b> S400A I Di Surface Sy	oject (Number/Name) 100A I Distributed Common Ground/ urface Systems			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost	
S400A: Distributed Common Ground/Surface Systems	73.345	6.095	6.214	5.854	-	5.854	6.066	6.187	6.311	6.437	Continuing	Continuing	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

#### A. Mission Description and Budget Item Justification

This project is part of the Military Intelligence Program (MIP). The Distributed Common Ground/Surface System Special Operations Forces (DCGS-SOF) is part of a family of systems providing rapid fielding of Intelligence, Surveillance, and Reconnaissance (ISR) Processing, Exploitation, Dissemination (PED), and analytical capabilities at the Combatant Commands (COCOM), Component/Theater Special Operations Commands (TSOC) level and below through a combination of reach back, forward support, and collaboration. The mission tailored infrastructure interconnects the warfighters, analysts, and sensors to find and fix high value targets and provides a network-enabled, interoperable construct allowing continual, unimpeded sharing of intelligence data, information and services with SOF and between the Services, national intelligence agencies, COCOMs and multi-national partners. The DCGS-SOF connects SOF warfighters and analysts with the essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The two components of DCGS-SOF are Enterprise/All Source Information Fusion (ENT/ASIF) and SOF Geospatial Intelligence information, and Dissemination (SGIP). The ENT/ASIF provides infrastructure, processing, and intelligence analytical tools for worldwide SOF intelligence information sharing via a globally connected cloud based architecture as well as a forward disconnected capability. The SGIP provides capabilities in garrison and deployed environments for the PED of crewed and uncrewed sensors.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: DCGS-SOF, Program Number 837	6.095	6.214	5.854
<b>Description:</b> The DCGS-SOF is composed of two major components: Enterprise/ASIF and SGIP. The DCGS-SOF develops and integrates SOF hardware and software networks that provide the United States Special Operations Command (USSOCOM) with unique decision capabilities to include: measurement and signature data; sensor exploitation; data compressions and manportable workstations. The DCGS-SOF provides the supporting architecture to link the Global Sensor Network to those who will interpret the data for rapid transmission to collaborative partners via the SOF Information Environment (SIE).			
<b>FY 2024 Plans:</b> Provide technical integration of software tools and interoperability for data ingress/egress within the software acquisition pathway's agile practice for ASIF analysts. Continue technology development, integration of emerging technologies, software solutions and capabilities enhancements for DCGS-SOF ENT/ASIF requirements including but not limited to: advanced analytics; User Interfaces (UI); cloud computing; machine learning; and disconnected operations capability. Continue technology development, testing and integration of emerging technologies for SGIP. Continue DCGS-SOF support training, Limited Objective Events, and exercise participation to test integration of emerging technologies and obtain user feedback of items in development.			
FY 2025 Plans:			

PE 0305208BB: *Distributed Common Ground/Surface System...* United States Special Operations Command

Exhibit R-2A, RDT&E Project Justi	Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command									Date: March 2024			
Appropriation/Budget Activity         R-1 Program Element (Number/Name)         Project (Number/Name)           0400 / 7         PE 0305208BB / Distributed Common Gro und/Surface Systems         S400A / Distributed Common Surface Systems										<b>ame)</b> Common Gre	ound/		
B. Accomplishments/Planned Prog	grams (\$ in N	<u>/lillions)</u>						[	FY 2023	FY 2024	FY 2025		
Continues to provide capability releaded analysts. Continues technology enha- but not limited to: machine learning, a obtaining user feedback of items in d	ses, value as incements ar artificial intell levelopment.	sessments nd integratio igence adva	within the so n of emergin ncements. C	ftware acqui ig technologi Continues ex	sition pathw es, for DCG ercise and li	ay's agile pra S-SOF requi mited objecti	actice for Inte rements inclu ive test event	el uding ts and					
FY 2024 to FY 2025 Increase/Decree Decrease of \$0.360 million to suppor and integration.	ease Statem t critical eme	e <b>nt:</b> rgent Comn	nand require	ments, reduc	cing ENT/AS	SIF technolog	y enhancem	ents					
				Accon	nplishment	s/Planned P	rograms Su	btotals	6.095	6.214	5.854		
C. Other Program Funding Summa	ry (\$ in Milli	<u>ons)</u>	<u>FY 2025</u>	FY 2025	FY 2025					<u>Cost To</u>			
Line Item • PROC/020401INTL: Distributed Common Ground/Surface System	<u>FY 2023</u> 2.214	<u>FY 2024</u> 5.718	<u>Base</u> 3.918	<u>000</u> -	<u>Total</u> 3.918	FY 2026 3.037	<u>FY 2027</u> 3.952	<u>FY 202</u> 4.03	28 FY 2029 31 4.112	Complete Continuing	Total Cost Continuing		
Remarks													
<b>D. Acquisition Strategy</b> The DCGS-SOF ENT/ASIF employs DCGS-SOF leverages SOF program Commercial Off The Shelf/Governme partially within the SOF Information I and sharing of larger data domains a DoD, Interagency, and Coalition tact	the software as, Departme ent Off The S Enterprise co and services ical Intelliger	acquisition nt of Defens helf, hardwa mbined with to meet SO- ice, Surveilla	pathway to f e (DoD) and are and softw Web-Client peculiar, do ance, and Re	facilitate rapi I Intelligence vare solution tools in a glo cumented re econnaissan	d and iterati Community is, and other obal cloud. ∃ quirements. ce (ISR) PE	ve delivery o partners, na mature tech hese allianc The technolo D systems. 1	f operational ational labs, a inologies into es enable mo ogy allows fo The USSOCC	software and other the Pro- ore agile or seamle DM empl	e to meet dyna government gram of Reco access to (se ess integration oys an agile s	amic SOF rec agencies to in rd which will i archable, dis and federation oftware deve	luirements. ntegrate reside coverable) on with lopment		

process with capability insertions into the development baseline for assessment and future deployment into the operational baseline. All development requirements are prioritized through the DCGS-SOF USER Group chaired by the USSOCOM. Once approved, the requirements are evaluated and scheduled by engineering development teams. Using this methodology allows capabilities to be inserted in a fast and agile manner based on user requirements and priorities. All Technology Insertions (TIs) contained in the subsequent Exhibit R-4, RDT&E Schedule Profile, are based on current projections. As requirements evolve, based on the DCGS-SOF Working Group decisions, the TI and version capabilities identified are subject to change.

Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	2025 Unite	ed States	s Special (	Operatior	ns Comma	and				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	et Activity	/				<b>R-1 Pro</b> PE 030 <i>und/Su</i>	ogram Ele 5208BB / rface Syst	e <b>ment (N</b> Distribut tems	lumber/N ed Comm	ame) on Gro	Project S400A Surface	t <b>(Numbe</b> I Distribut Systems	r/Name) ed Comr	on Grour	nd/
Product Developme	nt (\$ in M	illions)		FY	2023	FY	2024	FY 2 Ba	2025 ase	FY	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Enterprise / All Source Information Fusion (ENT/ ASIF) - Technology Enhancements and Integration	Various	Various : Various	21.139	4.015	Jan 2023	3.453	Mar 2024	3.093	Mar 2025	-		3.093	Continuing	Continuing	-
SOF Geospatial Intelligence Processing Exploitation, and Dissemination (SGIP) - Machine Learning and Artificial Intelligence Advancements	Various	Various : Various	21.090	1.070	Jan 2023	1.000	Apr 2024	1.000	Apr 2025	-		1.000	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	5.553	-		-		-		-		-	0.000	5.553	-
		Subtotal	47.782	5.085		4.453		4.093		-		4.093	Continuing	Continuing	N/A
Support (\$ in Million	s)			FY	2023	FY	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
(ENT/ASIF) Program Support	C/FFP	Various : Various	9.307	0.750	Jul 2023	1.500	Jun 2024	1.500	Jun 2025	-		1.500	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	0.576	-		-		-		-		-	0.000	0.576	-
		Subtotal	9.883	0.750		1.500		1.500		-		1.500	Continuing	Continuing	N/A
Test and Evaluation	(\$ in Milli	ions)		FY	2023	FY	2024	FY 2 Ba	2025 ase	FY	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ENT/ASIF/SGIP Exercise & Limited Objective	MIPR	Various : Various	2.878	0.260	Oct 2022	0.261	Feb 2024	0.261	Feb 2025	-		0.261	Continuing	Continuing	-

PE 0305208BB: *Distributed Common Ground/Surface System...* United States Special Operations Command

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command												Date:	March 20	)24	
Appropriation/Budge 0400 / 7		R-1 Pro PE 0309 und/Sur	<b>gram Ele</b> 5208BB / face Syst	ement (N Distribute tems	umber/N ed Comm	<b>ame)</b> on Gro	Project S400A Surface	(Number Distribut Systems	r/ <b>Name)</b> ed Comm	on Groun	nd/				
Test and Evaluation	023	)23 FY 2024			FY 2025 Base		2025 CO	FY 2025 Total							
Cost Category Item	Contract Method         Performing         Prior         Award           Cost Category Item         & Type         Activity & Location         Years         Cost         Date							Award Cost Date Co		Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test Events															
Prior Year Funding - Completed Efforts	Various	Various : Various	12.802	-		-		-		-		-	0.000	12.802	-
		Subtotal	15.680	0.260		0.261		0.261		-		0.261	Continuing	Continuing	N/A
Prior Years FY 2023							2024	FY 2 Ba	2025 se	FY 2 O(	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals         73.345         6.095						6.214 5.854 -			-		5.854	Continuing	Continuing	N/A	

**Remarks** 



PE 0305208BB: *Distributed Common Ground/Surface System...* United States Special Operations Command

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Oper	ations Command		Date: March 2024
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0305208BB / Distributed Common Gro und/Surface Systems	<b>Project (N</b> S400A I Di Surface Sy	umber/Name) stributed Common Ground/ stems

## Schedule Details

	St	art	E	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Distributed Common Ground/Surface System-Special Operations Forces (DCGS- SOF)				
Enterprise / All Source Information Fusion (ENT/ASIF) Software Acquisition Pathway: Minimum Viable Capability Releases (MVCR) , Value Assessments	1	2023	4	2029
ENT/ASIF Technology Enhancements & Integration	1	2023	4	2029
SOF Geospatial Intelligence Processing Exploitation, and Dissemination (SGIP) Machine Learning and Artificial Intelligence Advancements	1	2023	4	2029
ENT/ASIF/SGIP Exercise & Limited Objective Developmental Test Events	1	2023	4	2029

Exhibit R-2, RDT&E Budget Item	n Justificati	on: PB 202	25 United St	tates Speci	al Operation	ns Comman	d			Date: Marc	ch 2024	
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Development	Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development							<b>Name)</b> d Aerial Vel	hicle (UAV)			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	232.287	43.276	37.188	34.851	-	34.851	-	-	-	-	Continuing	Continuing
S851: MQ-9 Unmanned Aerial Vehicle (UAV)	34.851	-	34.851	-	-	-	-	Continuing	Continuing			

#### A. Mission Description and Budget Item Justification

This Program Element (PE) identifies, develops, rapidly prototypes, integrates, and tests Special Operations (SO)-peculiar mission kits, mission payloads, weapons, and modifications on MQ-9 Unmanned Aerial Vehicles (UAVs), Ground Control Stations (GCSs), and training systems as a component of the Medium Altitude Long Endurance Tactical (MALET) program. The United States Special Operations Command (USSOCOM) is designated as the DoD lead for planning, synchronizing, and as directed, executing global operations against terrorist networks. The USSOCOM requires the capability to find, fix, finish, exploit, and analyze time-sensitive high-value targets. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This program element addresses the primary areas of Intelligence, Surveillance, Reconnaissance, and Target Acquisition and Strike. This PE received Congressional Adds in FY 2023 for lightweight open architecture pod (\$7.500 million) and to support Adaptive Airborne Enterprise (\$5.840 million).

Beginning in FY 2026, MQ-9 RDT&E funding has transitioned to PE 1160403BB, Aviation Systems, Project SF100: Aviation Systems Advanced Development, to support the acceleration of the A2E concept.

The total cost of the MQ-9 Middle Tier of Acquisition effort is \$310.606 million, including RDT&E and procurement of prototype units. The MQ-9 is fully funded across the Future Years Defense Program.

B. Program Change Summary (\$ in Millions)	FY 2023	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	27.340	37.188	44.851	-	44.851
Current President's Budget	43.276	37.188	34.851	-	34.851
Total Adjustments	15.936	0.000	-10.000	-	-10.000
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
Congressional Adds	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
Reprogrammings	16.934	-			
SBIR/STTR Transfer	-0.998	-			
<ul> <li>Adjustments to Budget Year</li> </ul>	-	-	-10.000	-	-10.000

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Sp	ecial Operations Command Da	te: March 2024	
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1105219BB / MQ-9 Unmanned Aerial Vehicle (UAV)		
Congressional Add Details (\$ in Millions, and Includes General R	Reductions)	FY 2023	FY 2024
Project: S851: MQ-9 Unmanned Aerial Vehicle (UAV)			
Congressional Add: Lightweight Open Architecture Pod		7.226	-
	Congressional Add Subtotals for Project: S85	1 7.226	-
	Congressional Add Totals for all Project	5 7.226	-
<ul> <li>Funding:</li> <li>FY 2023: Net increase of \$15.936 million is due to reprogramming o Business Technology Transfer (SBIR/STTR) programs (-\$0.998 millio Lab and the Modular Open-system Architecture capability (\$16.934 r</li> <li>FY 2024: None.</li> <li>FY 2025: Net decrease of \$10.000 million is due to transition of Ada Aviation Systems Advanced Development. This supports the develo integration and fielding of Special Operation peculiar capabilities and</li> </ul>	f funds to the congressionally mandated Small Business Innova on) and an Adaptive Airborne Enterprise (A2E) increase to esta million). ptive Airborne Enterprise (A2E) funds to PE 1160403BB, Aviatio pment of the Modular Open-system Architecture, collaborative of I enhance long-range strike.	tive Research/Si blish the System on Systems, Proj environments tha	nall Integration ect SF100: t facilitate

Exhibit R-2A, RDT&E Project Ju	stification	: PB 2025 l	<b>Jnited State</b>	s Special C	Operations C	Command				Date: M	arch 2024	
Appropriation/Budget Activity 0400 / 7					R-1 Progr PE 11052 <sup>-</sup> ehicle (UA	<b>am Elemen</b> 19BB / <i>MQ-</i> <i>V</i> )	<b>it (Number</b> / 9 Unmanne	<b>Name)</b> d Aerial V	Projec S851 / (UAV)	t <b>(Number/N</b> MQ-9 Unma	<b>ame)</b> nned Aerial V	éhicle
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 20	28 FY 202	Cost To 9 Complete	Total Cost
S851: MQ-9 Unmanned Aerial Vehicle (UAV)	232.287	43.276	37.188	34.851	-	34.851	-	-		-	- Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-		-	-	
action during the short periods in Acquisition and Strike. The majo (GCS), and turret. Special Opera dominance of the MQ-9 in suppo	which they rity of the d ations-pecul rt of the 202	present the evelopment liar (SO-p) r 22 National	mese target mselves. T al funds pro nodifications Defense Str	his project vides for th to the OF ategy (ND	addresses ne Operation P allow for a S).	the primary nal Flight Pr a rapid integ	areas of Inf ogram (OF gration of er	elligence, S P) Software nerging ca	Surveilla e for the pabilities	in order to n	aissance, and ind Control S naintain releva	Target tation ance and
B. Accomplishments/Planned P	rograms (S	5 in Million	<u>s)</u>							FY 2023	FY 2024	FY 2025
<i>Description:</i> Identifies, develops UAS, GCSs, and training systems <i>FY 2024 Plans:</i> Develop, test, and integrate SO-p	hicles (UAV , integrates s. emerging t	s), Progran , and tests s echnology i	n Number 83 60-p missio mission kits	39 n kits, miss , mission p	sion payloac ayloads, we	ls, weapons apons and	s, and modif	ications on	MQ-9 MQ-9	36.050	37.188	34.851
aircraft. This includes Adaptive A of SO-p weapons and sensors.	irborne Ent	erprise (A2I	E), GCSs, tu	urrets, and	training sys	tems; additi	onally, facili	tate integra	ation			
FY 2025 Plans: Continues to develop, test, and in onto the MQ-9 aircraft for UAS, G for A2E capabilities. Enhanced ca meet current operation requirement	tegrate SO SCs, and tr pabilities (i ents and wh	-p emerging aining syste .e., Pods ar ile also prov	technology ems. The Mo d software) viding found	v mission ki Q-9 platfori are being ational cap	its, mission m is a key a developed t abilities to r	payloads, w irborne ena o continue t neet initial <i>A</i>	veapons and bler and proto to evolve the A2E needs.	d modificati ovides a pa e MQ-9 and	ons thway d			
FY 2024 to FY 2025 Increase/De Net decrease of \$2.337 million; \$ Systems, Project SF100: Aviation modifications on MQ-9 UAS, GCS	e <b>crease Sta</b> 10.000 milli Systems A Ss, and trair	atement: on decrease dvanced De ning system	e is due to tr evelopment s.	ansition of and \$7.66	A2E capab 3 million inc	ility funds to rease suppo	PE 116040 orts further	03BB, Avia developme	tion nt of			
					Accomplis	shments/PI	anned Prog	grams Sub	ototals	36.050	37.188	34.851

Exhibit R-2A, RDT&E Project Jus	tification: PB	2025 United	I States Spe	cial Operatio	ons Commar	nd		Date: March 2024			
Appropriation/Budget Activity 0400 / 7				R-1 Pr PE 11 ehicle	r <b>ogram Ele</b> r 05219BB / <i>I</i> <i>(UAV)</i>	nent (Numbo //Q-9 Unman	e <b>r/Name)</b> ned Aerial V	Project (N S851 / MC (UAV)	<mark>lumber/Na</mark> ฉ-9 Unman	ame) aned Aerial N	/ehicle
							FY 2023	FY 2024	7		
Congressional Add: Lightweight (	Open Architect	ure Pod					7.226	; -			
<b>FY 2023 Accomplishments:</b> Supplish which includes the MQ-9 Weapon S Architecture (MOSA) and collabora and fielding of SO-p capabilities.	oorted develop System. These tion environme	ment of the efforts will i ents that faci	Adaptive Airl nclude integ litate a more	oorne Enterp ration of a M efficient and	orise (A2E) c lodular Oper d expeditiou	oncept, n-System s integration					
				Cong	ressional A	dds Subtota	IS 7.226	-			
C. Other Program Funding Summ	nary (\$ in Milli	ons)									
Line Item • PROC/1108MQ9: <i>MQ-9</i> <i>Unmanned Aerial Vehicle</i> <u>Remarks</u>	<b>FY 2023</b> 14.000	<b>FY 2024</b> 17.684	FY 2025 Base 19.583	<u>FY 2025</u> <u>OCO</u> -	FY 2025 Total 19.583	<u>FY 2026</u> 25.990	<u>FY 2027</u> 48.439	FY 2028 46.500	<b>FY 2029</b> 47.430	Cost To Complete Continuing	Total Cost Continuing
<b>D. Acquisition Strategy</b> MQ-9 UAV implements an agile ac MQ-9 UAV provides rapid prototyp	quisition appro	each for the l	MQ-9 aircraf gy maturatio	it, GCS and I n events in o	Electro-Optio	cal/Infrared (E ase first pass	EO/IR) turret s s lethality. Co	sensor and ontract type	OFP softw s include a	are develop mix of cost	ment. The type and

fixed priced. Proprietary issues with the aircraft, GCS and sensor software as well as aircraft modification may require sole source contracting to the original equipment manufacturer. MQ-9 UAV leverages service common Contractor Logistics Support (CLS) contracts for aircraft and ancillary equipment sustainment. The MQ-9 program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in Department of Defense (DoD) Directive 5143.01, and guidance in DoD instruction 5000.80.

Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	025 Unite	ed States	Special C	Operatior	is Comma	nd				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	et Activity	1				<b>R-1 Pro</b> PE 110 <i>ehicle (</i>	ogram Ele 5219BB / UAV)	ement (N MQ-9 Ur	umber/Na	<b>ame)</b> Aerial V	Project S851 / ( (UAV)	: <b>(Numbe</b> i MQ-9 Unr	r/ <b>Name)</b> manned A	erial Vehi	cle
Product Developme	nt (\$ in M	illions)		FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 OC	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MQ-9 Unmanned Aerial Vehicles (UAVs), Ground Control Stations (GCS), and Training Systems	SS/ Various	General Atomics Aeronautical Services : San Diego, CA	125.631	12.116	Feb 2023	18.340	Nov 2023	25.851	Nov 2024	-		25.851	Continuing	Continuing	-
MQ-9 UAVs, GCS, and Training Systems	SS/ Various	Raytheon : McKinney, TX	15.550	1.000	Feb 2023	6.000	Nov 2023	7.000	Nov 2024	-		7.000	Continuing	Continuing	-
Adaptive Airborne Enterprise (A2E)	SS/ Various	General Atomics Aeronautical Services : San Diego, CA	-	16.934	Apr 2024	9.848	Nov 2023	-		-		-	Continuing	Continuing	-
Lightweight Open Architecture Pod (Congressional Add)	SS/CPFF	General Atomics : Poway, CA	-	4.363	Jul 2023	-		-		-		-	Continuing	Continuing	-
Prior Years Completed Projects - Base	Various	Various : Various	15.671	-		-		-		-		-	0.000	15.671	-
Prior Years Completed Projects - Congressional Adds	Various	Various : Various	32.009	-		-		-		-		-	0.000	32.009	-
Subtotal 188.861 34.413						34.188		32.851		-		32.851	Continuing	Continuing	N/A
Remarks															

Indefinite Delivery, Indefinite Quantity (IDIQ) contract awards every two years for MQ-9 UAVs, Ground Control Stations, and Training Systems. FY 2023: \$16.934 million increase to establish A2E system Integration laboratory (SIL) and further maturation of the A2E Modular Open-System Architecture (MOSA) capability.

est and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MQ-9 UAVs, GCS, and Training Systems Developmental Test and Evaluation (T&E)	SS/ Various	General Atomics Aeronautical Services : San Diego, CA	27.741	3.000	Feb 2023	1.500	Feb 2024	-		-		-	Continuing	Continuing	-

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	is Comma	ind				Date: March 2024							
Appropriation/Budge 0400 / 7	t Activity	1				<b>R-1 Pro</b> PE 110 <i>ehicle (</i>	o <b>gram Ele</b> 5219BB / <i>UAV</i> )	ement (N MQ-9 Ur	Project S851 / I (UAV)	roject (Number/Name) 351 / MQ-9 Unmanned Aerial Vehicle /AV)					
Test and Evaluation (	(\$ in Milli	ons)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	025 FY 2025 O Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MQ-9 UAVs, GCS, and Training Systems Live Fire T&E	SS/ Various	General Atomics Aeronautical Services : San Diego, CA	-	3.000	Sep 2023	1.500	Feb 2024	2.000	Feb 2025	-		2.000	Continuing	Continuing	-
Lightweight Open Architecture Pod Developmental T&E (Congressional Add)	SS/TBD	General Atomics : Poway, CA	-	2.863	Jul 2023	-		-		-		-	Continuing	Continuing	-
Prior Years Completed Projects - Base	Various	Various : Various	5.300	-		-		-		-		-	0.000	5.300	-
Prior Years Completed Projects - Congressional Adds	Various	Various : Various	10.385	-		-		-		-		-	0.000	10.385	-
		Subtotal	43.426	8.863		3.000		2.000		-		2.000	Continuing	Continuing	N/A
Prior Years FY 2023							FY 2025 FY 2024 Base			FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b> 232.287 43.276						37.188		34.851 -				34.851	Continuing	Continuing	N/A

**Remarks** 



Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Oper		Date: March 2024	
Appropriation/Budget Activity	<b>R-1 Program Element (Number/Name)</b>	Project (N	umber/Name)
540077	ehicle (UAV)	(UAV)	-9 Onmanneu Aenar Venicie

## Schedule Details

	St	art	End				
Events by Sub Project	Quarter	Year	Quarter	Year			
MQ-9 Unmanned Aerial Vehicles (UAVs)							
Operational Flight Program (OFP) Software (SW)	1	2023	4	2025			
Electro-optical/Infrared (EO/IR) SW	1	2023	4	2025			
Special Operations Forces-peculiar (SOF-p) Mission Kits/Payloads/Mods	1	2023	4	2025			
Speed Loader Agile Pods (Congressional Adds)	1	2023	3	2025			
Self Protection Pods (Congressional Adds)	1	2023	3	2025			
Lightweight Open Architecture Pod (Congressional Adds)	1	2023	3	2025			
Test and Evaluation	1	2023	4	2025			
Adaptive Airborne Enterprise	1	2023	4	2024			

Exhibit R-2, RDT&E Budget Item	n Justificat	i <b>on:</b> PB 202	25 United St	ates Specia	al Operatior	ns Comman	d			Date: Marc	ch 2024						
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Developmen	est & Evalua nt	ation, Defen	se-Wide I B	A 7:	<b>R-1 Progra</b> PE 116027	a <b>m Elemen</b> '9BB / Smal	<b>t (Number/</b> Il Business	Name) Innovation I	Research/S	mall Bus Te	l Bus Tech Transfer						
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost					
Total Program Element	345.085	32.550	0.000	0.000	-	0.000	-	-	-	-	Continuing	Continuing					
S050: Small Business Innovation Research	322.477	28.537	0.000	0.000	-	0.000	-	-	-	-	Continuing	Continuing					
S051: Small Business Technology Transfer	22.608	4.013	0.000	0.000	-	0.000	-	-	-	-	Continuing	Continuing					

#### A. Mission Description and Budget Item Justification

The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) implements 15 U.S.C Section 638 to maximize the creative innovative, entrepreneurial spirit of small businesses to solve technological problems. The goals of the Small Business Innovation Research (SBIR) program are to stimulate technological innovation, increase private sector commercialization of federal research and development (R&D), increase small business participation in federally funded R&D, and foster participation by minority and disadvantaged firms in technological innovation. Leveraging the innovation of small business concerns is an important contributor to the development of the cutting-edge technologies that will generate decisive and sustained U.S. military advantages by increasing the readiness, modernization, and lethality of the United States Special Operations Command (USSOCOM). This program is to stimulate a partnership of ideas between small business concerns (SBCs) and research institutions through the USSOCOM funded research or research and development (R/R&D). By providing awards to SBCs or cooperative R/R&D efforts with research institutions, the USSOCOM Supports innovation and economic growth to generate decisive and sustained U.S. military advantages. This program supports high priority projects within the USSOCOM Components, their missions, and the priority projects within the USSOCOM supports innovation and economic growth to generate decisive and sustained U.S. military advantages. This program supports high priority projects within the USSOCOM Components, their missions, and the priority projects within the USSOCOM supports innovation and economic growth to generate decisive and sustained U.S. military advantages. This program supports high priority projects within the USSOCOM Components, their missions, and the Warfighter.

B. Program Change Summary (\$ in Millions)	<u>FY 2023</u>	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	32.550	0.000	0.000	-	0.000
Total Adjustments	32.550	0.000	0.000	-	0.000
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	32.550	-			
Change Summary Explanation					
Funding:					
-					

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spe	cial Operations Command	Date: March 2024
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1160279BB <i>I Small Business Innovation Research</i>	/Small Bus Tech Transfer
FY 2023: Net increase of \$32.550 million is due to reprogrammings fr STTR (\$4.013 million) programs.	rom various program elements for the congressionally ma	ndated SBIR (\$28.537 million) and
FY 2024: None.		
FY 2025: None.		
PE 1160279BB: Small Business Innovation Research/Small	NCLASSIFIED	

Appropriation/Budget Activity       Second Sec	Exhibit R-2A, RDT&E Project Ju	stification	: PB 2025 L	Jnited State	s Special C	Operations C	Command				Date: N	larch 2024	
COST (§ in Millions)         Prior Years         FY 2023         FY 2024         FY 2025         FY 2025         FY 2026         FY 2027         FY 2028         FY 2028         Cost To Complete         Cost To Cost To Cost To         To Cost To Cost To         To Cost To         FY 2028         Cost To Cost To Continuing         Cost To Cost To Cost To Cost To         To Cost To Cost To Cost To         To Cost To Cost Cost To Cost To Cost To Cost To Cost To Cost To Cost To Cost To	Appropriation/Budget Activity 0400 / 7					R-1 Progr PE 116027 <i>Research/</i>	<b>am Elemen</b> 79BB / Sma Small Bus 7	<b>t (Number</b> i Il Business Fech Transf	<b>'Name)</b> Innovation er	Projec S050 /	t (Number/I Small Busin	<b>lame)</b> ess Innovatio	n Research
SD50: Small Business Innovation       322.477       28.537       0.000       0.000       -       0.000       -       -       -       Continuing       Continuing <t< th=""><th>COST (\$ in Millions)</th><th colspan="8">T (\$ in Millions)Prior YearsFY 2023FY 2024FY 2025FY 2025FY 2025FY 2026FY 2027FY 2027FY 2027Ill Business Innovation322.47728.5370.0000.000-0.000RDT&amp;E ArticlesDescription and Budget Item Justification of the Small Business Innovation Research (SBIR) program are to stimulate technological innovation, increase private s nd development (R&amp;D), increase small business participation in federally funded R&amp;D, and foster participation by minor cal innovation. Leveraging the innovation of small business concerns is an important contributor to the development of the lecisive and sustained U.S. military advantages by increasing the readiness, modernization, and lethality of the United S</th><th>FY 20</th><th>28 FY 202</th><th>Cost To 29 Complete</th><th>Total Cost</th></t<>	COST (\$ in Millions)	T (\$ in Millions)Prior YearsFY 2023FY 2024FY 2025FY 2025FY 2025FY 2026FY 2027FY 2027FY 2027Ill Business Innovation322.47728.5370.0000.000-0.000RDT&E ArticlesDescription and Budget Item Justification of the Small Business Innovation Research (SBIR) program are to stimulate technological innovation, increase private s nd development (R&D), increase small business participation in federally funded R&D, and foster participation by minor cal innovation. Leveraging the innovation of small business concerns is an important contributor to the development of the lecisive and sustained U.S. military advantages by increasing the readiness, modernization, and lethality of the United S								FY 20	28 FY 202	Cost To 29 Complete	Total Cost
Quantity of RDT&E Articles       -	S050: Small Business Innovation Research	322.477	28.537	0.000	0.000	-	0.000	-	-		-	- Continuing	continuing
A. Mission Description and Budget Item Justification         The goals of the Small Business Innovation Research (SBIR) program are to stimulate technological innovation, increase private sector commercialization of federal research and development (R&D), increase small business participation in federally funded R&D, and foster participation by minority and disadvantaged firms in technological innovation. Leveraging the innovation of small business concerns is an important contributor to the development of the cutting-edge technologies that w generate decisive and sustained U.S. military advantages by increasing the readiness, modernization, and lethality of the United States Special Operations Comman (USSOCOM). This program supports high priority projects within the USSOCOM Components, their missions, and the Warfighter.       FY 2023       FY 2024       FY 202         B. Accomplishments/Planned Programs (\$ in Millions)       FY 2024       FY 202       FY 2024       FY 2024         PT 2024 Plans:       • Multi-Domain Communications and Computing (estimated funding, \$9.600 million): Family of Special Operations Vehicles system and automation modernization; High performance multi-platform sensor computing; Hokkien Low Density Language Capability.       28.537       0.000       O         • Scalable and Precision Effects (estimated funding, \$10.600 million): Out of band tracker, multi-function beacon; Automated Target Recognition for rapid multi-larget grouping; Electronic Embedded Glass; Precision guided cruise missile.       Satie Space Awarenees (Setimated funding, \$2.500 million): Analyzing Narrative evolution across social media; radio location tracker, waveform development.       FY 2025 Plans:       Nulti-Domain Communications and Computing (estimated	Quantity of RDT&E Articles	-	-	-	-	-	-	-	-		-	-	
B. Accomplishments/Planned Programs (\$ in Millions)       FY 2023       FY 2024       FY 2023       FY 2024       FY 2024       PY 2024       PY 2024       PY 2024       PI 2025	A. Mission Description and Bud The goals of the Small Business I research and development (R&D) technological innovation. Leverag generate decisive and sustained I (USSOCOM). This program support	get Item Ji nnovation I , increase s ing the inno J.S. militar orts high pr	ustification Research (S small busing ovation of s y advantage iority projec	BBIR) progra ess participa mall busine es by increa ets within the	am are to s ation in fed ss concern sing the re e USSOCC	timulate tec erally funde s is an impo adiness, mo DM Compon	hnological i d R&D, and ortant contrik odernization ents, their n	nnovation, foster parti putor to the , and lethal hissions, an	increase pri cipation by developme ity of the Ur d the Warfi	ivate se minority nt of the nited Sta ghter.	ctor commer and disadv cutting-edg tes Special	cialization of f antaged firms e technologie Operations Co	ederal in s that will ommand
Title: Small Business Innovation Research (SBIR)       28.537       0.000       0         FY 2024 Plans:       • Multi-Domain Communications and Computing (estimated funding, \$9.600 million): Family of Special Operations Vehicles system and automation modernization; High performance multi-platform sensor computing; Hokkien Low Density Language Capability.       • Scalable and Precision Effects (estimated funding, \$10.600 million): Out of band tracker, multi-function beacon; Automated Target Recognition for rapid multi-target grouping; Electronic Embedded Glass; Precision guided cruise missile.       • Battle Space Awareness (estimated funding, \$8.332 million): Analyzing Narrative evolution across social media; radio location tracker, waveform development.       FY 2025 Plans:       • Multi-Domain Communications and Computing (estimated funding, \$9.600 million): Family of Special Operations Vehicles system and automation modernization.       • Scalable and Precision Effects (estimated funding, \$22.500 million): Visual Augmentation Systems; High energy batteries; contested and out of band tracker; Slim Form Cargo loader; Thermal Reflex Sight; Small Unmanned Ground Robotic System; Advanced manufacturing of Common launch container; Handheld kinetic Defeat for UAS.       • Human Performance (estimated funding \$3.300 million): Water Tester at Point of Need.         FY 2024 to FY 2025 Increase/Decrease Statement: N/A       Accomplishments/Planned Programs Subtotals       28.537       0.000       0	B. Accomplishments/Planned Planned Pla	rograms (§	in Million	<u>s)</u>							FY 2023	FY 2024	FY 2025
FY 2025 Plans:       • Multi-Domain Communications and Computing (estimated funding, \$9.600 million): Family of Special Operations Vehicles system and automation modernization.       • Scalable and Precision Effects (estimated funding, \$22.500 million): Visual Augmentation Systems; High energy batteries; contested and out of band tracker; Slim Form Cargo loader; Thermal Reflex Sight; Small Unmanned Ground Robotic System; Advanced manufacturing of Common launch container; Handheld kinetic Defeat for UAS.       • Human Performance (estimated funding \$3.300 million): Water Tester at Point of Need.         FY 2024 to FY 2025 Increase/Decrease Statement: N/A       Accomplishments/Planned Programs Subtotals       28.537       0.000       0	<ul> <li>FY 2024 Plans:</li> <li>Multi-Domain Communications a system and automation moderniza Capability.</li> <li>Scalable and Precision Effects (Target Recognition for rapid multi- Battle Space Awareness (estimatication) and tracker, waveform development.</li> </ul>	and Compu ation; High estimated f target grou ated fundin	uting (estima performanc funding, \$10 iping; Electr g, \$8.332 m	ated funding e multi-platt 0.600 millior ronic Embeo hillion): Anal	g, \$9.600 m form senso h): Out of ba dded Glass yzing Narra	illion): Fami r computing and tracker, ; Precision ( ative evoluti	ily of Specia ; Hokkien L multi-functi guided cruis on across se	I Operation ow Density ion beacon; e missile. ocial media	s Vehicles Language Automatec ; radio loca	l			
FY 2024 to FY 2025 Increase/Decrease Statement:         N/A         Accomplishments/Planned Programs Subtotals       28.537       0.000       0	<ul> <li>FY 2025 Plans:</li> <li>Multi-Domain Communications a system and automation moderniza</li> <li>Scalable and Precision Effects (contested and out of band tracker; Advanced manufacturing of Comm</li> <li>Human Performance (estimated)</li> </ul>	and Compu ation. estimated f ; Slim Form non launch funding \$3	uting (estima funding, \$22 n Cargo load container; l 3.300 millior	ated funding 2.500 millior der; Therma Handheld ki n): Water Te	g, \$9.600 m n): Visual A Il Reflex Sig netic Defea ester at Poir	ugmentation ugmentation ght; Small U at for UAS. nt of Need.	lly of Specia n Systems; Inmanned G	Il Operation High energ Ground Rob	s Vehicles y batteries; otic System	1;			
Accomplishments/Planned Programs Subtotals 28.537 0.000	FY 2024 to FY 2025 Increase/De N/A	crease Sta	itement:										
						Accomplis	shments/PI	anned Pro	grams Sub	totals	28.537	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Specia	al Operations Command	Date: March 2024
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160279BB <i>I Small Business Innovation</i> <i>Research/Small Bus Tech Transfer</i>	<b>Project (Number/Name)</b> S050 / Small Business Innovation Research
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A		
Remarks		
<b>D. Acquisition Strategy</b> SBIR is a three-phase program that provides early-stage R&D to small com have the potential to be developed into a product or service for commercial sector commercialization of federal R&D, increase small business participat technological innovation.	opanies. Eligible projects must fulfill an R&D need or defense markets. SBIR is designed to stimulat tion in federally funded R&D, and foster participat	identified by the Department of Defense and te technological innovation, increase private ion by minority and disadvantaged firms in

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	2025 Unite	ed States	Special C	Operatio	ns Comma	and				Date:	March 20	)24	
Appropriation/Budget Activity 0400 / 7							ogram Ele 60279BB / rch/Small	e <b>ment (N</b> Small Bu Bus Tech	<b>lumber/N</b> usiness In n Transfer	Project S050 / J	(Number Small Bus	/ <b>Name)</b> iness Inn	ovation R	esearch	
Product Developmen	nt (\$ in Mi	illions)	ſ	FY 2023		FY 2024		FY : Ba	2025 ase	FY 2 OC	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Small Business Innovation Research (SBIR) Phase I < \$150K	C/Various	Various : Various	51.322	3.500	Oct 2023	-		-		-		-	Continuing	Continuing	-
SBIR Phase II >\$750K	C/Various	Various : Various	72.644	25.037	Oct 2023	-		-		-		-	Continuing	Continuing	-
Prior Year Funding	C/Various	Various : Various	198.511	-		-		-		-		-	Continuing	Continuing	-
		Subtotal	322.477	28.537		-		-		-		-	Continuing	Continuing	N/A
<u>Remarks</u> Due to multiple awards, the	dates listed	d above reflect the first F	Phase I and	II efforts av	varded.							-			
			Prior Years	FY 2	2023	FY	2024	FY : Ba	2025 ase	FY 2 OC	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	322.477	28.537		-		-		-		-	Continuing	Continuing	N/A
<u>Remarks</u> Due to multiple awards, the	e dates listed	d above reflect the first F	Phase I and	II efforts av	varded.										

Exhibit R-4, RDT&E Schedule Profile: PB 2025 U	Inite	ed St	tates	Spe	ecial	Оре	eratic	ons (	Com	nmai	nd										Date	e: M	arch	202	24		
Appropriation/Budget Activity 0400 / 7							F   	<b>R-1</b> PE 1 Reso	Pro 1160 earc	<b>grar</b> )279 ch/Si	<b>n El</b> e BB / mall	e <b>me</b> Sm Bus	nt ( all E Tec	<b>Nun</b> Busir ch Tr	<b>nber/N</b> ness Ir ransfer	ame nov	e) ation	Pro S0	<b>ojec</b> 50 /	t (Nı Sma	umb all Bu	er/N Isine	ame ess /	e) nno	vatio	on R	lesear
			FY 2023		FY 202		2024	24		FY 2025				FY 2	2026		FY	202	2027		FY 2028			8 F			•
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3 4	l 1	2	3	4	1	2	3	4	1	2	3	4
Small Business Innovative Research (SBIR)			÷																								
Phase I Efforts																											
Phase II Efforts																											_
Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Cor	it R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command																										
--	---	-----------------------------------	---	-------------------------------	--	--	--	--	--	--																	
Appropriation/Budget ActivityR-1 Prog0400 / 7PE 11602ResearchResearch	<b>ram Element (Numbe</b> 279BB I Small Busines /Small Bus Tech Tran	er/Name) is Innovation sfer	Project (Number/Na S050 / Small Busine	me) ss Innovation Research																							
Schedule Do	etails																										
	Si	art		End																							
Events by Sub Project	Quarter	Year	Quarter	Year																							
Small Business Innovative Research (SBIR)																											
Phase I Efforts	1	2023	4	2023																							

Exhibit R-2A, RDT&E Project Ju	stification	: PB 2025 l	<b>Jnited State</b>	s Special C	perations C	Command				Date: M	arch 2024				
Appropriation/Budget Activity 0400 / 7					R-1 Progra PE 116027 Research/	<b>am Elemen</b> 79BB / Sma Small Bus 7	<b>t (Number</b> / Il Business Fech Transf	' <b>Name)</b> Innovation er	Project S051 / S	ect (Number/Name) 1 / Small Business Technology Transfer					
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 202	8 FY 202	Cost To 9 Complete	Total Cost			
S051: Small Business Technology Transfer	22.608	4.013	0.000	0.000	-	0.000	-	-		-	- Continuing	Continuing			
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-		-	-				
<b>A. Mission Description and Bud</b> The goals of the Small Business institutions through the United Sta SBCs or cooperative R/R&D effor advantages. This program suppo	<b>get Item Ju</b> Technology ates Specia rts with rese rts high pric	Ustification Transfer (S I Operation earch institu prity projects	STTR) prog s Command tions, USS s within the	ram is to sti d (USSOCC OCOM sup) USSOCOM	imulate a pa DM) funded ports innova I Componer	artnership of research or ation and ec nts, their mi	f ideas betw research a onomic gro ssions, and	veen small b nd develop wth to gene the Warfigl	ousiness ment (R/I erate deci nter.	concerns (S &D). By pr sive and su	BCs) and resoluting award stained U.S. I	search Is to military			
B. Accomplishments/Planned P	rograms (\$	in Million	<u>s)</u>							FY 2023	FY 2024	FY 2025			
Title: Small Business Technology	Transfer (S	STTR)								4.013	0.000	0.000			
<ul> <li>FY 2024 Plans:</li> <li>A series of feasibility and initial Precision Effects; Multi-Domain C Awareness; and HEO.</li> </ul>	research in communicat	to the follov ions and Co	ving focus a omputing; H	reas (estim luman Perfo	ated fundin ormance; Ei	g, \$4.620 m mplacemen	iillion): Scal t and Acces	ability and s; Battle Sp	bace						
<b>FY 2025 Plans:</b> • A series of feasibility and initial Scalable Effects; Multi-Domain Co Awareness; and HEO.	research in ommunicati	to the follow ons and Co	ving focus a mputing; Hi	reas (estim uman Perfo	ated fundin ormance; En	g, \$5.082 m nplacement	illion): Prec and Access	ision and s; Battle Sp	ace						
FY 2024 to FY 2025 Increase/De N/A	ecrease Sta	tement:													
					Accomplis	shments/Pl	anned Prog	grams Sub	totals	4.013	0.000	0.000			
<u>C. Other Program Funding Sum</u> N/A <u>Remarks</u>	<u>mary (\$ in</u>	<u>Millions)</u>													

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special O		Date: March 2024	
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160279BB / Small Business Innovation Research/Small Bus Tech Transfer	Project (N S051 / Sm	umber/Name) all Business Technology Transfer

#### D. Acquisition Strategy

The STTR program provides early-stage R&D funding directly to small companies working cooperatively with researchers at universities and other research institutions. The STTR is also a three-phased program designed to stimulate technological innovation, increase private sector commercialization of federal R&D, increase small business participation in federally funded R&D, and foster participation by minority and disadvantaged firms in technological innovation.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command												Date:	March 20	)24	
Appropriation/Budg 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160279BB / Small Business Innovation Research/Small Bus Tech Transfer							(Number Small Bus	/ <b>Name)</b> iness Tec	hnology <sup>-</sup>	Transfer				
Product Developme	nt (\$ in Mi	illions)		FY 2	2023	FY 2	2024	FY 2025 Base		FY 2025		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Small Business Technology Transfer (STTR) Phase I <\$150K	C/FFP	Various Vendors : Various Locations	8.400	0.630	Oct 2023	-		-		-		-	Continuing	Continuing	-
STTR Phase II >\$750K	C/Various	Various Vendors : Various Locations	9.085	3.383	Oct 2023	-		-		-		-	Continuing	Continuing	-
Prior Year Funding	C/Various	Various : Various	5.123	-		-		-		-		-	0.000	5.123	-
		Subtotal	22.608	4.013		-		-		-		-	Continuing	Continuing	N/A
<u>Remarks</u> Due to multiple awards, th	e dates listed	above reflect the last F	hase I and	II awarded.								-			Target
			Prior Years	FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Value of Contract
		Project Cost Totals	22.608	4.013		-		-		-		-	Continuing	Continuing	N/A

**Remarks** 

Due to multiple awards, the dates listed above reflect the first Phase I and II efforts awarded.

Exhibit R-4, RDT&E Schedule Profile: PB 2025 U	nite	ed St	tates	Spe	cial	Ope	eratio	ons (	Corr	nmar	nd										D	ate: N	arcł	ו 20	24		
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name)Project (PE 1160279BB / Small Business InnovationS051 / SiResearch/Small Bus Tech TransferS051 / Si						ct (N / Sm	(Number/Name) mall Business Technology Transfe														
		FY	2023			FY 2	2024			FY 2	2025			FY 2	2026		FY	202	27		F	Y 202	3		FY	2029	9
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3 4	1	1 2	3	4	1		2 3	4	1	2	3	4
Small Business Technology Transfer (STTR)																		÷			·						
Phase I Efforts																											
Phase II Efforts																											

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Oper	it R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command									
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Numbe</b> PE 1160279BB <i>I Small Busines</i> <i>Research/Small Bus Tech Tran</i>	r/Name)IIs Innovation\$sfer	Project (Number/Na S051 / Small Busines	<b>me)</b> ss Technology Transfei						
Sch	edule Details									
	St	tart	F	End						
Events by Sub Project	Quarter	Year	Quarter	Year						
Small Business Technology Transfer (STTR)										
Phase I Efforts	1	2023	4	2023						
Phase II Efforts	1	2023	4	2023						

Exhibit R-2, RDT&E Budget Ite	m Justificat	ion: PB 202	25 United St	tates Speci	al Operation	ns Comman	d		Date: March 2024					
<b>Appropriation/Budget Activity</b> 0400: Research, Development, To Operational Systems Development	<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 1160403BB / Aviation Systems								
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost		
Total Program Element	2,370.416	176.998	216.174	263.712	-	263.712	273.602	225.493	181.645	181.367	Continuing	Continuing		
SF100: Aviation Systems Advanced Development	1,605.123	53.039	56.295	106.356	-	106.356	138.207	113.069	66.383	67.710	Continuing	Continuing		
SF200: CV-22	83.227	11.757	21.619	15.727	-	15.727	19.064	19.445	19.834	20.231	Continuing	Continuing		
SF300: Armed Overwatch/ Targeting	45.388	1.156	2.000	2.000	-	2.000	2.000	4.000	5.000	5.100	Continuing	Continuing		
S750: Mission Training and Preparation Systems	70.394	13.343	3.453	5.361	-	5.361	8.650	7.114	7.213	3.840	Continuing	Continuing		
S875: AC/MC-130J	186.820	40.038	65.496	74.616	-	74.616	44.757	23.934	24.217	24.341	Continuing	Continuing		
D615: Rotary Wing Aviation	379.464	57.665	67.311	59.652	-	59.652	60.924	57.931	58.998	60.145	Continuing	Continuing		
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): 2	212				1						·			

#### A. Mission Description and Budget Item Justification

SF100 Aviation Systems Advanced Development:

This project provides for the development, rapid prototyping, demonstration, and integration of current and maturing technologies for Special Operations-peculiar (SOp) aviation and training requirements to transform the foundation of future SOF aviation for the Joint Force in order to support the 2022 National Defense Strategy (NDS). Timely application of SO-p technology is critical and necessary to meet requirements in areas such as: Aviation Engineering Analysis (AEA); Electronic Warfare (EW)-Radio Frequency Countermeasures (RFCM); High Speed Vertical Takeoff and Landing (HSVTOL); High Energy Laser (HEL); MC-130J Amphibious Capability (MAC); MH-47G and MH-60M SOF Common Terrain Following (TF)/Terrain Avoidance (TA) Silent Knight Radar (SKR); Precision Strike Package (PSP) and the Adaptive Airborne Enterprise (A2E). The AEA provides engineering analysis, market research, and designs to address aircraft survivability needs such as signature management, situational awareness, and versatile mission platform/equipment (payloads, communication, and weapons) to achieve SOF objectives. The EW-RFCM supports development, integration, and test activities to provide EW capability against Radio Frequency (RF) threats for SO-p AC/MC-130J aircraft. HSVTOL supports development and demonstration of agile and responsive air mobility capabilities to support runway independent operations, increased speed of maneuverability, and provide the ability to penetrate anti-access (A2)/anti-denial (AD) environments. The HEL supports development of an AC-130J laser weapons system for Low Probability of Detection (LPD) use in complex environments to enable joint/coalition SOF operations against targets such as Communication nodes, light-to-medium duty vehicles, and power infrastructures. The MAC supports development and demonstration of amphibious capabilities on a C-130J to support runway independent operations, and testaford, and testaford, and testaford, and testaford, and testaford and MH-60M SOF Common TF/TA SKR supports development

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spec	ial Operations Command	Date: March 2024
Appropriation/Budget Activity	R-1 Program Element (Number/N	lame)
0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	PE 1160403BB / Aviation Systems	
SOF aviation platforms. A2E will operationalize the Air Force's Uncrewed Aircr collaborative operations within permissive, contested, and denied environment	aft Systems (UAS) strategy to prese ts.	int exquisite, attributable, and expendable UAS for
The total cost of the RFCM Middle Tier of Acquisition (MTA) effort is \$69.205 r RFCM effort is fully funded through FY 2026.	nillion (FY 2022 - FY 2026), including	g RDT&E and procurement of prototype units. The
SF200 CV-22 Development/Test and Evaluation: This project supports integration, design, development, rapid prototyping, and Awareness (SA); intelligence, surveillance, and reconnaissance (ISR); weapor speed and maneuverability; mission deployment and improved reliability and n vertical medium lift, multi-mission aircraft. The CV-22 provides long-range, hig hostile, denied, and politically sensitive areas that allows the Joint Force to be provided by other existing SOF vertical lift aircraft. Funding supports the follow Reliability Improvements, and test aircraft flying hours and maintenance. SOF Operational Flight Program (OFP) software and development of CV-22 platform supports design, integration, and testing of CV-22 avionics upgrades and correct crew interface functionality; weapon systems; and Airborne Mission Networkin system, and sub-system, reliability enhancements to meet required aircraft avar retrofitting system design improvements directly increasing CV-22 fleet reading maintenance of the test CV-22 aircraft in performance of SOF capability development	test to provide improved capabilities ns; avionics; SOF communications; d naintainability of the CV-22 platform. h speed, all weather, infiltration (infil) more agile and responsive as stated ring CV-22 requirements: CV-22 SOF Common TF/TA SKR supports deve m software and hardware to support ection of deficiencies to include, but r g (AbMN). Reliability Improvements ailability and operational requirement ess. Test aircraft flying hours and ma opment programs.	to include: more robust performance in Situational defensive/survivability systems; interoperability; The CV-22 Osprey is a SOF variant of the V-22 ), exfiltration (exfil), and resupply of SOF teams in d in the 2022 NDS. These capabilities are not currently F Common TF/TA SKR, Block 20 Development, elopment of the CV-22 SOF Common TF/TA SKR integration and testing. Block 20 Development not limited to electronic warfare upgrades; improved supports design, integration, test and validation of ts. Realibility Improvements accelerate fielding and aintenance supports developmental flight testing and
SF300 Armed Overwatch:		

This project supports integration and testing of SO-p capabilities and aircraft certification efforts for the Armed Overwatch program. Armed Overwatch provides SOF with deployable, affordable, and sustainable crewed aircraft systems capable of executing Close Air Support (CAS), precision strike, and armed ISR requirements in austere and permissive environments for use in irregular warfare operations in support of the 2022 NDS. Armed Overwatch was initially designated a MTA program which utilized a rapid prototype user assessment for a SO-p, fixed wing aircraft with specific sensors to detect ground assets. The USSOCOM Acquisition Executive approved the program's transition to the Major Capability Acquisition pathway at Milestone C in 4th QTR of FY 2022.

#### S750 Mission Training and Preparation Systems (MTPS):

The MTPS project funds the definition, design, development, rapid prototyping, integration, and testing of Special Operations Mission Planning and Execution (SOMPE) systems to support mission planning, rehearsal, and execution requirements to meet SO-p mission requirements and correct deficiencies in current mission planning, rehearsal, and execution capabilities. The MTPS project also includes program management, systems engineering, configuration management, architecture development, risk reduction, and trade study initiatives, as well as initiatives to assure interoperability and commonality between diverse mission planning, rehearsal, and execution systems. Additionally, this project funds the Extended Reality (XR) Training Transformation Simulator Block Upgrade Fixed Wing (SBUDF) program that

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spec	cial Operations Command	Date: March 2024			
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>				
develops and integrates training innovation and transformation solutions across portfolio, to include AC-130J, MC-130J, CV-22, Armed Overwatch and C-146.	ss the fixed-wing and special tactics augmen	ted and virtual reality mission training device			
S875 AC/MC-130J: This project supports the development, rapid prototyping, integration, automate CAS, air interdiction, and armed reconnaissance in support of special operation Commando II provides clandestine, or low visibility, single or multi-ship, low-lea and tiltrotor aircraft, intruding politically sensitive or hostile territories. Increment integrate, mature, and continuously improve SOF capabilities for AC-130J and critical automation and integration of SOF Tactical Mission Systems (TMS), in required to operate AC-130J and MC-130J aircraft in near-peer conflicts. Required interoperability, data fusion and improved situational awareness (SA), improve defensive countermeasure (DCM) effects, PSP interoperability, integrated EW these capabilities is critical to fielding SO-p AC-130J and MC-130J aircraft to F MAC supports development and demonstration of amphibious capabilities on logistically constrained environments. MC-130J aircraft that receive AbMN, The III".	tion, and testing of the AC-130J and MC-130 ons and conventional forces in contested and evel infil, exfil, and resupply of SOF, by airdro ntal upgrade and agile software delivery app d MC 130J aircraft. Efforts like Integrated Tac icluding navigation, communication, precisior uirements include upgrades to integrate and ed threat detection and avoidance, integrated <i>I</i> , and embedded training. Integrating and au be more lethal, resilient, survivable, agile, an a C-130J to support runway independent op F/TA, and RFCM SO-p modifications are des	30J and MC-130J aircraft. The AC-130J Ghostrider provides in contested and degraded environments. The MC-130J of SOF, by airdrop or airland resupply of SOF helicopters are delivery approaches will be used to rapidly prototype, the Integrated Tactical Mission Systems (ITMS) provide ication, precision fire control and aircraft defensive systems to integrate and automate SOF TMS's to provide systems dance, integrated TF/TA and SKR improvements, integrated tegrating and automating SOF mission systems that deliver <i>v</i> ivable, agile, and responsive in support of the 2022 NDS. The independent operations and provide the ability to operate in ifications are designated with the popular name "Combat Talon			
The ITMS was designated a Middle Tier of Acquisition (MTA) program in FY 2 The ITMS effort is fully funded through FY 2026.	2022. The ITMS MTA effort spans FY 2022-F	FY 2026 and the total cost is \$228.796 million.			
D615 Rotary Wing Aviation: This project provides for the development, rapid prototyping, demonstration, a training requirements, as well as next generation mobility to allow SO-p helico modifications to systems to counter rapidly emerging threats, address cyber s Rotary wing aircraft supported by this project include: MH-60M; MH-47G; A/M worldwide contingency operations and low-intensity conflicts. These aircraft m at extended ranges under adverse weather conditions to infiltrate, provide logi characterized by an extensive and sophisticated ground-based air defense sy Upgrade (MPU) provides for non-recurring engineering, systems engineering/ current mission and video processors for all Army Special Operations Aviation development of platform software and hardware systems with capabilities to e environment.	and integration of current and maturing technologies to operate in denied environments in s ecurity, improve lethality and enhance aircra IH-6; and Future Vertical Lift (FVL). These air nust be capable of rapidly deploying, penetral istics for, reinforce, and extract SOF. The an- stem and an upgraded air-to-air capability ta testing, and future aircraft architecture studie on (ARSOA) rotary wing aircraft. Tactical Missi enable aircraft to effectively adapt and overco	ologies for SO-p rotary wing aviation and upport of the 2022 NDS. This project includes ft self-protection in contested environments. rcraft provide aviation support to SOF in ting hostile areas undetected, and operating ti-access/area denial (A2/AD) threat is rgeted against helicopters. Mission Processor as that support replacement and upgrade of the ion Networking (TMN) focuses on technology ome the challenges of a highly contested			

These technologies will be pursued via rapid prototyping efforts when appropriate.

xhibit R-2, RDT&E Budget Item Justification: PB 2025	: March 2024					
<b>ppropriation/Budget Activity</b> 400: Research, Development, Test & Evaluation, Defense- operational Systems Development	Wide I BA 7:	R-1 Program El PE 1160403BB	)			
. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025	<u>Total</u>
Previous President's Budget	183.152	216.174	219.497	-	21	19.497
Current President's Budget	176.998	216.174	263.712	-	26	63.712
Total Adjustments	-6.154	0.000	44.215	-	2	14.215
<ul> <li>Congressional General Reductions</li> </ul>	-	-				
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-				
<ul> <li>Congressional Rescissions</li> </ul>	-	-				
<ul> <li>Congressional Adds</li> </ul>	-	-				
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-				
<ul> <li>Reprogrammings</li> </ul>	0.529	-				
<ul> <li>SBIR/STTR Transfer</li> </ul>	-6.683	-				
<ul> <li>Adjustments to Budget Year</li> </ul>	-	-	44.215	-	2	14.215
Congressional Add Details (\$ in Millions, and Incl	udos Conoral Po	ductions)		Γ	EV 2022	EV 2024
	uues General Ne			-	FT 2023	FT 2024
<b>Project:</b> SF100: Aviation Systems Advanced Develo	pment			-		
Congressional Add: Development of cyber secur	ity and continuous	monitoring of seria	al bus systems		9.635	-
		Con	gressional Add Subtota	als for Project: SF100	9.635	-
			Congressional Add	Totals for all Projects	9.635	-
Change Summary Explanation Funding:						
FY 2023: Net Decrease of \$6.154 million is due to a reprogrammed to congressionally mandated Small E	a reprogramming fo Business Innovative	or emergent comm e Research/Small	and requirements (-\$0.5 Business Technology (\$	529 million) and a decr SBIR/STTR) programs	ease of (-\$6.9	75 million)
FY 2024: None.						
FY 2025: Net increase of \$44.215 million is due to the	ne following:					
SF100 Aviation Engineering Analysis: Aviation Engineering Project SF100: Aviation Systems Advanced Develop Development for High Speed Vertical Takeoff and La the HSVTOL demonstration platform (-\$36.946 millio	Analysis net decr oment to PE 11604 anding (HSVTOL) on) and an increas	ease of \$29.088 m 02BB, SOF Advar which conducts in- e to transition MAC	nillion is due to funding t nced Technology Develor depth engineering deve C capabilities from PE 1	ransfer from PE 11604 opment, Project S200: elopment to support de 160403BB, Aviation S	103BB, Aviatio Advanced Teo tailed design a ystems, Projec	n Systems, chnology activities for t SF100:

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spec	ial Operations Command	Date: March 2024
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>	
Aviation Systems Development to PE 1160403BB, Aviation Systems, F modeling and full scale manufacturing and fabrication of beam and trus MQ-9: Net Increase of \$52.500 million is due to the transition of MQ-9 Aerial Vehicle (\$10.000 million) which supports the A2E concept and in environments that facilitate a more efficient and expeditious integration Precision Strike Package: Increase of \$14.400 million begins systems with an Active Electronically Scanned Array (AESA) Radar improving b Integrated Deterrence of peer adversaries in support of the National De	Project S875: AC/MC-130J, to support MAC development as assembly and the flotation system (\$7.858 million). funds from PE 1105219BB, MQ-9 Unmanned Aerial Vehi- cludes development of a Modular Open-System Architect and fielding of Special Operations Forces-peculiar (SO-p engineering, integration analysis, and enhancement of the attlespace awareness and identification, tracking and targ	to include aircraft performance cle, Project S851: Unmanned ure (MOSA) and collaboration ) capabilities (\$42.500 million). e baseline PSP on AC-130J geting sophisticated threats for
SF200 CV-22: Decrease of -\$5.562 million is due to a change in acquisition st improvements via other V-22 Joint Program Office funding sources.	trategy from a forced retro fit to an attrition-based approac	h and executing reliability
S750 SBUD: Increase of \$0.765 million supports development efforts which devices for AC/MC-130J, initiation of development of integrated, augme	focuses on increasing realism in graphics and functionalit ented reality (AR) aircraft training for use in live MC-130J	y within virtual reality training flights.
S875 FWAEA MAC: Increase of \$11.500 million transitions MAC capabilities MC-130J beginning in FY 2025, which begins aircraft performance mod the flotation system.	from Project SF100: Aviation Systems Advanced Develo deling and full-scale manufacturing and fabrication of bear	pment to Project S875: AC/ n assembly, truss assembly, and
D615 MH-47: Decrease of \$0.300 million reprogrammed for emergent comm	and requirements.	

Exhibit R-2A, RDT&E Project Ju		Date: March 2024										
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 1160403BB / Aviation SystemsProject (Num SF100 / Aviati Development						<b>1e)</b> ems Advanc	ed
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
SF100: Aviation Systems Advanced Development	1,605.123	53.039	56.295	106.356	-	106.356	138.207	113.069	66.383	67.710	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

#### A. Mission Description and Budget Item Justification

This project provides for the development, rapid prototyping, demonstration, and integration of current and maturing technologies for Special Operations (SO)-peculiar (SO-p) aviation and training requirements to transform the foundation of future SOF aviation for the Joint Force in order to support the 2022 National Defense Strategy (NDS). Timely application of SO-p technology is critical and necessary to meet requirements in areas such as: Aviation Engineering Analysis (AEA), Electronic Warfare (EW)-Radio Frequency Countermeasures (RFCM), High Speed Vertical Takeoff and Landing (HSVTOL), High Energy Laser (HEL), MC-130J Amphibious Capability (MAC), Adaptive Airborne Enterprise (A2E), MH-47G and MH-60M SOF Common Terrain Following (TF)/Terrain Avoidance (TA) Silent Knight Radar (SKR), and Precision Strike Package (PSP). The AEA provides engineering analysis, market research, and designs to address aircraft survivability needs such as signature management, situational awareness (SA), and versatile mission platform/equipment (payloads, communication, and weapons) to achieve SOF objectives. The EW-RFCM supports development, integration, and test activities to provide EW capability against Radio Frequency (RF) threats for SO-peculiar AC/MC-130J aircraft. The HSVTOL supports development and demonstration of agile and responsive air mobility capabilities to support runway independent operations, increased speed of maneuverability, and provide the ability to penetrate anti-access (A2)/anti-denial (AD) environments. The HEL supports development of an AC-130J laser weapons system for Low Probability of Detection (LPD) use in complex environments to enable joint/coalition SOF operations against targets such as communication nodes, light-to-medium duty vehicles, and power infrastructures. The MAC supports development and demonstration of amphibious capabilities on a C-130J to support runway independent operations and provide the ability to operate in logistically constrained environments. MH-47G and MH-60M SOF Common TF/TA SKR supports development, integration, and testing of SOF Common TF/TA Multi-Mode Radar (MMR) that provides Low Probability of Intercept (LPI) and LPD capabilities for MH-47G and MH-60M aircraft. The PSP supports systems engineering, analysis, development, and enhancement of the baseline PSP for integration, installation, and test on SOF AC-130J aircraft and other SOF aviation platforms.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<i>Title:</i> EW-RFCM, Program Number 768	9.708	20.220	9.180
<b>Description:</b> The EW-RFCM program supports development, integration, and test activities to provide EW capability against RF threats for SO-p AC/MC-130J aircraft. The RFCM system is part of the Defensive Countermeasures (DCM) suite that provides situational awareness and threat response processing required for SOF missions.			
<i>FY 2024 Plans:</i> Continue spiral design, development and operational test activities, to include; complete software program increment qualification test, complete hardware in the loop test, and begin software release.			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Specia	I Operations Command	Dat	e: March 202	4		
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160403BB / Aviation Systems	<b>Project (Number/Name)</b> SF100 <i>I Aviation Systems Advanced</i> <i>Development</i>				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 202	3 FY 202	4 FY 2025		
Continues spiral design, development and test activities, to include: begins to increase system capacity, begins software integration to updated hardware a	echnical refresh of system hardware architecture architecture, and begins hardware integration test	e to sting.				
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Decrease of \$11.040 million is due to completion of initial software-only spiral development efforts in FY 2024 to one in FY 2025.	al update, decreasing from two concurrent					
<i>Title:</i> Precision Strike Package (PSP) for SOF, Program Number 843		0.0	000 1.2	224 28.249		
<b>Description:</b> The PSP for SOF supports systems engineering, analysis, dev PSP and integration, installation, and test on SOF AC-130Js and other SOF platform agnostic. Missions for the AC-130 aircraft include, but are not limited reconnaissance.	velopment, and enhancement of the baseline platforms. The PSP is modular, scalable, and d to: close air support; air interdiction; and arme	t				
<b>FY 2024 Plans:</b> Initiate engineering analysis and development to remove the aft weapon systerw workload in support of the United States Special Operations Command	tem (105mm Gun), refit the aft section, and optin I (USSOCOM) crew reduction initiatives.	nize				
<b>FY 2025 Plans:</b> Continues to refit the aft section. Continues engineering analysis and develor mission planning and crew functions to support the USSOCOM crew reduction and integration of an Active Electronic Scanned Array (AESA) Radar on AC-	opment to optimize defensive systems and autor on initiatives. Initiate systems engineering, analy 130J.	nate sis,				
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$27.025 million is to initiate engineering analysis, integration, and AC-130J, allowing the platform to detect, target, identify, and engage across greater precision. Additionally, supports increased engineering analysis and systems, mission planning, and automated crew functions to improve AC-13 the refit of the aft section to reduce AC-130J crew complement commensurated across and accounter the section to reduce AC-130J crew complement commensurated accounter the section to reduce AC-130J crew complement commensurated accounter the section to reduce AC-130J crew complement commensurated accounter the section to reduce the section to	d developmental testing of AESA Radar capabili a spectrum of threats at longer ranges and reac initiates developmental test of optimized defens 0J effectiveness in contested environments. Sup te with USSOCOM manpower reductions.	ty on t with ve pports				
<i>Title:</i> High Energy Laser (HEL)		15.	387 3.0	- 000		
<b>Description:</b> The HEL supports development of an AC-130J laser weapons to enable joint/coalition SOF operations against targets such as communicat power infrastructures. Utilizing a best of breed approach, it integrates laser, I Government lead system integrator. This provides additional flexibility for rap	system for LPD use in complex environments tion nodes, light-to-medium duty vehicles, and beam control, power, and thermal subsystems v bid prototyping and future modifications.	aa				
FY 2024 Plans:						

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special (	Operations Command		Date: M	arch 2024				
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>	<b>Project (Number/Name)</b> SF100 <i>I Aviation Systems Advanced</i> <i>Development</i>						
B. Accomplishments/Planned Programs (\$ in Millions)		FY	′ 2023	FY 2024	FY 2025			
Complete flight test activities and demonstration of the HEL system on the AC	-130J.							
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$3.000 million is due to completion of project activities in FY 2024	4.							
Title: MH-47/MH-60 SOF Common TF/TA SKR, Program Number 778			2.060	2.189	2.233			
<b>Description:</b> The MH-47G and MH-60M SOF Common TF/TA SKR supports Common TF/TA multi-mode radar that provides LPI and LPD capabilities to de maintaining safe TF capabilities for MH-47G and MH-60M aircraft.	development, integration, and testing of SOF efeat advanced passive detection threats while							
FY 2024 Plans: Continue software spiral efforts to reduce TF/TA SKR signature, support data	fusions initiatives, and increase reliability.							
FY 2025 Plans: Continues software spiral efforts to reduce TF/TA SKR signature, support data	a fusions initiatives, and increase reliability.							
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.044 million is due to increased SKR developmental test and evaluate the statement of the stateme	aluation costs.							
Title: Aviation Engineering Analysis (AEA)			5.801	14.662	14.194			
<b>Description:</b> The AEA provides engineering analysis, market research, and d needs such as signature management, situational awareness (SA), and versat communication, and weapons) to achieve SOF objectives.	levelops solutions to address aircraft survivabi tile mission platform/equipment (payloads,	ity						
<b>FY 2024 Plans:</b> Continue to perform engineering analysis and demonstrations to improve aviation sensor anatomy, sensor fusion, targeting enhancement, cyber hardening, navial link enhancements to support Fixed Wing next generation ISR, Mobility and St management; SA with full spectrum threat warning and countermeasures; and communications and weapons) to improve SOF survivability in less than permised vancements for Fixed Wing platforms include improvements for increased rability to insert and recover forces in contested environments and technology a penetrating and aquatic landing). Strike enhancements include targeting/engage capability.	tion mission survivability, aircraft and igation in denied environments, and data trike platforms. Activities include: signature d versatile mission equipment (payloads, issive operating environments. Other technolo ange, speed with reduced time to target, impro analysis on advanced mobility platforms (deep gement automation, weapons effects and star	gy ving d-off						

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Specia	al Operations Command		Date: N	larch 2024			
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160403BB / Aviation Systems	Project (Number/Name)3F100 I Aviation Systems AdvancedDevelopment					
B. Accomplishments/Planned Programs (\$ in Millions)		FY	2023	FY 2024	FY 2025		
Continue to perform engineering analysis and demonstrations to improve av sensor anatomy, sensor fusion, targeting enhancement, cyber hardening, na link enhancements to support Fixed Wing next generation ISR, Mobility and management; SA with full spectrum threat warning and countermeasures; a communications and weapons) to improve SOF survivability in less than per advancements for Fixed Wing platforms include improvements for increased ability to insert and recover forces in contested environments and technolog penetrating and aquatic landing). Strike enhancements include targeting/eng capability.	viation mission survivability, aircraft and avigation in denied environments, and data Strike platforms. Activities include: signature nd versatile mission equipment (payloads, missive operating environments. Other technology d range, speed with reduced time to target, improv y analysis on advanced mobility platforms (deep gagement automation, weapons effects and stand	, ng off					
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.468 million is due to reduction in planned aviation mission a	utonomy efforts in FY 2025.						
Title: High Speed Vertical Take-off and Landing (HSVTOL)			1.044	-	-		
<b>Description:</b> The HSVTOL supports development and demonstration of HS operations, increased speed of maneuverability, and provide ability to operations.	VTOL capabilities to support runway independent te in contested environments.						
Title: MC-130J Amphibious Capability (MAC)			9.404	15.000	-		
<b>Description:</b> The MAC supports development and demonstration of amphilindependent operations and provide the ability to operate in logistically const	bious capabilities on a C-130J to support runway trained environments.						
<b>FY 2024 Plans:</b> Continue engineering analysis and design activities for incorporating amphilidesign optimization for hydrodynamic and aerodynamic performance, aircra aircraft performance modeling. In addition, plans include contract award for	bious capabilities on a C-130J. This includes float ft truss design and loads analysis, and continued fabrication of floats and truss assemblies.						
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Decrease of \$15.000 million is due to transition of MAC capabilities from Proto Project S875: AC/MC-130J.	pject SF100: Aviation Systems Advanced Develop	ment					
<i>Title:</i> Adaptive Airborne Enterprise (A2E)			-	-	52.500		
<b>Description:</b> Adaptative Airborne Enterprise (A2E) architecture and system platforms to space, sea vessels and ground units. Supports the use of collal expeditious intel integration and close long-range kill chains in highly conget by the 2022 NDS. The USSOCOM will advance crewed and uncrewed system	s are being developed to ensure interoperability of poration environments to facilitate a more efficient sted and contested operating environments define ems from a single operational domain and hierarch	air and d ical					

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special O	perations Command			Date: N	larch 2024	
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/I</b> PE 1160403BB / Aviation Systems	Name) s	Project (N SF100 / A Developm	lumber/N viation S ent	<b>lame)</b> ystems Advar	nced
B. Accomplishments/Planned Programs (\$ in Millions)			F	( 2023	FY 2024	FY 2025
command and control system to a multi-domain, agile, small footprint, mesh-net foundational capabilities will leverage evolved MQ-9 platforms and infrastructure efforts will enhance long range strike, take advantage of diverse Joint Command architectures, increase survivability and improve decision making speed to critic Key capabilities will include preparation of the environment, illuminating threats, Joint Forces.	twork command and control ecosys e. Multiple program offices collabo d, Control, Communications (C4) Is cal decision makers at all echelons , and link targets with desired effec	stem. Some orative doma SR network of comman ts for SOF a	e ain s/ id. and			
<b>FY 2025 Plans:</b> Begins development of a foundational open system architecture that will enable Vigilant Spirit (VS) as the primary Command and Control (C2) interface, as it ha semi-autonomous and autonomous UASs simultaneously. VS integration will en the traditional Ground Control Station to a simplified, software-based "operator s and network requirements for mission command and management of multiple U with the Golden Horde Autonomy Architecture to enable small UASs (sUAS) to uncrewed platforms, allowing crews to control masses of air vehicles through th payloads for two future large UASs which will enable sUAS/payloads to be confi environment demand. Air launched payloads include loitering munitions and sU action targets in contested and denied environments.	e multi-platform control. Initiates inte as already been demonstrated to m hable distributed operations by exp station" that can be tailored to vario JAS and payloads simultaneously. be commanded from multiple large te VS interface. Begins efforts to de igured as mission requirements an AS to provide the mass required to	egration of hanage mult anding bey bus hardwa Begins effo e crewed an evelop mod d operating b locate and	iple ond re rts id ular			
FY 2024 to FY 2025 Increase/Decrease Statement: Net Increase of \$52.500 million. \$10.000 million increase is due to transition of Unmanned Aerial Vehicle, Project S851: Unmanned Aerial Vehicle which support million increase will develop a Modular Open-System Architecture (MOSA), coll- efficient and expeditious integration and fielding of SO-p capabilities and enhance	MQ-9 funds from PE 1105219BB, orts the acceleration of the A2E co aborative environments that facilita ce long-range strike.	MQ-9 incept. \$42 ate a more	.500			
	Accomplishments/Planned Prog	grams Subt	otals	43.404	56.295	106.356
		FY 2023	FY 2024			
Congressional Add: Development of cyber security and continuous monitoring	g of serial bus systems	9.635	-			
<b>FY 2023</b> Accomplishments: Perform development of cyber security and continues systems for various SOF platforms.	nuous monitoring of serial bus					
	Congressional Adds Subtotals	9.635	-			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March													
Appropriation/Budget Activity 0400 / 7	<b>R-1 Pr</b> PE 11	<b>ogram Elen</b> 60403BB <i>I A</i>	nent (Numboriation System)	Jumber/Name) viation Systems Advanced									
C. Other Program Funding Summary (\$ in Millions)													
			<u>FY 2025</u>	FY 2025	FY 2025					<u>Cost To</u>			
Line Item	FY 2023	FY 2024	<b>Base</b>	000	<u>Total</u>	FY 2026	FY 2027	FY 2028	FY 2029	Complete	Total Cost		
• PROC/5000C13000:	16.893	18.796	-	-	-	-	-	-	-	0.000	35.689		
C-130 Modifications													
• PROC/2012C130J: AC/MC-130J	222.869	319.754	300.892	-	300.892	319.441	386.667	410.950	438.665	Continuing	Continuing		
• PROC/1202PSP:	57.450	108.497	69.917	-	69.917	72.285	58.113	59.211	61.306	Continuing	Continuing		
Precision Strike Package													
<ul> <li>PROC0201RWUPGR: Rotary</li> </ul>	224.134	261.012	220.301	-	220.301	190.270	193.662	203.051	207.501	Continuing	Continuing		
Wing Upgrades and Sustainment													
<u>Remarks</u>													

#### D. Acquisition Strategy

• EW-RFCM: Awarded \$700 million ceiling acquisition and procurement contract covering Engineering and Manufacturing Development (EMD), Low-Rate Initial Production (LRIP), and Full-Rate Production (FRP) activities. EMD and LRIP are fixed price award fee incentivizing schedule and were awarded in 3rd Qtr FY 2020. FRP and other programmatic support activities (such as data rights and system integration laboratory options) are firm fixed price. The EW – RFCM program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80.

• PSP: The USSOCOM Program Office with six Combat Acquisition Detachments (CAD) executing program elements to integrate PSP and post-production capability enhancements on AC-130J aircraft. A-kit and integration contracts executed via Special Operations Forces Support Activity (SOFSA) Global Logistics Supply Services Task Orders (10-yr IDIQ awarded in 2017) and B-kit components awarded annually and executed via CAD contracting offices. The PSP for SOF program has produced and fielded the full 30 aircraft AC-130J fleet and continues to modernize and enhance the PSP baseline. The PSP for SOF program has been designated a Major Capability Acquisition (MCA) at Milestone C in accordance with the authority in DoD Directive 5135.02, the guidance in DoD Instruction 5000.85.

• HEL: The HEL effort utilizes Naval Surface Warfare Center (NSWC) Dahlgren Division as the Government lead system integrator of HEL components. HEL system components are either purchased under Defense Ordnance Technology Consortium or developed and assembled by NSWC Dahlgren. Both approaches provide flexibility for rapid prototyping.

• MH-47/MH-60 SOF Common TF/TA SKR: Sole source to Raytheon to produce the SKR. SKR Logistics and MH-47G and MH-60M A-Kit production and installation proceeding at SOFSA, Lexington, KY. Contract Vehicle: Multi-Year Procurement (MYP) for FY 2021 through FY 2023 procurements. The SKR program plans to award a follow-on five-year MYP purchasing SKRs in FY 2024 - FY 2028 for the MH-47, MH-60, CV-22 and MC-130J aircraft and a six-year Indefinite Delivery/Indefinite Quantity contract for support and sustainment in FY 2024 - FY 2029. The MH-47/MH-60 SOF Common TF/TA SKR program has been designated a Major Capability Acquisition (MCA) at Milestone C, in accordance with the authority in DoD Directive 5135.02, the guidance in DoD instruction 5000.85. The purpose of the MCA is to acquire and continue software spiral efforts to reduce TF/TA SKR signature, support data fusion initiatives, and increase reliability.

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations CommandDate: March 2024Date: March 2024									
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160403BB / Aviation Systems	Project (N SF100 / Av Developme	umber/Name) viation Systems Advanced ent						

• AEA: Utilize Joint Department of Defense (DoD) programs to advance the technology levels for both the current Fixed Wing platforms and the advanced mobility platforms along with the Joint Aircraft Survivability Program sponsored projects to recommend material solutions for demonstration and potential integration on FW aircraft. Utilize DoD, labs and industry partners to continue market research and engineering analysis efforts.

• HVSTOL: Utilize Joint DoD programs to advance the technology levels for HVSTOL platforms and to recommend material solutions for a technical demonstration. Perform engineering analysis on key enabling technologies in conjunction with the Air Force Research Laboratory, AFWERX, Defense Advanced Research Projects Agency (DARPA) and other agencies.

• MAC: Utilize Government partners, labs and Industry partners through multiple contract awards to perform engineering analysis in the areas of hydrodynamics, structural loads, and flight performance modeling.

• A2E: Utilizes Government partners, labs, and Industry partners through multiple contract awards to advance technology and enable key capabilities with desired effects for SOF and Joint Forces in highly congested and contested operating environments. These effects will include, but not limited to, advance manned and unmanned systems from a single operational domain and hierarchical command and control system to a multi-domain, mesh-network command and control ecosystem and increase survivability.

Exhibit R-3, RDT&E F	Project Co	<b>ost Analysis:</b> PB 2	2025 Unite	ed States	Special C	Operatior	is Comma	nd				Date:	March 20	)24	
Appropriation/Budge 0400 / 7		<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>					<b>Project (Number/Name)</b> SF100 <i>I Aviation Systems Advanced</i> <i>Development</i>								
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Electronic Warfare (EW) Radio Frequency Countermeasures (RFCM) Spiral One Development	C/CPFF	Various : Various	9.133	6.500	Mar 2023	16.585	Mar 2024	7.263	Mar 2025	-		7.263	Continuing	Continuing	-
Precision Strike Package (PSP) for Special Operations Forces (SOF) - Aft Weapon System & Crew Optimization	C/Various	Various : Various	-	-		1.224	Jan 2024	9.554	Jan 2025	-		9.554	Continuing	Continuing	-
PSP for SOF - Active Electronically Scanned Array (AESA) Radar	C/Various	Various : Various	-	-		-		9.580	Jan 2025	-		9.580	Continuing	Continuing	-
HEL - Flight Testing/ Demonstration	C/CPFF	Various : Various	1.478	15.388	Nov 2022	3.000	Nov 2023	-		-		-	0.000	19.866	-
MH-47/MH-60 SOF Common Terrain Following/Terrain Avoidance Silent Knight Radar (TF/TA SKR) Software Development	C/CPFF	Raytheon : McKinney, TX	21.272	1.382	Jun 2023	1.421	Nov 2023	1.421	Jan 2025	-		1.421	Continuing	Continuing	-
Aviation Engineering Analysis (AEA)	C/Various	Various : Various	44.166	3.801	Nov 2022	11.162	Nov 2023	11.194	Nov 2024	-		11.194	Continuing	Continuing	-
AEA – Aviation Mission Autonomy	C/Various	Various : Various	-	2.000	Nov 2022	3.500	Nov 2023	3.000	Nov 2024	-		3.000	Continuing	Continuing	-
MC-130J Amphibious Capabilities (MAC)	C/FFP	Various : Various	1.600	9.403	Nov 2022	15.000	Nov 2023	-		-		-	Continuing	Continuing	-
High Speed Vertical Take- Off and Landing (HSVTOL) – Market Research	C/FP	Various : Various	-	1.044	Nov 2022	-		-		-		-	Continuing	Continuing	-
Cybersecurity serial bus systems (Congressional Add)	C/Various	Various : Various	-	9.635	Jun 2023	-		-		-		-	Continuing	Continuing	-
Adaptive Airborne Enterprise (A2E)	Various	Various : Various	-	-		-		45.360	Jan 2025	-		45.360	Continuing	Continuing	-

Exhibit R-3, RDT&E P	Project Co	ost Analysis: PB 2	2025 Unite	ed States	Special C	Operatior	is Comma	and				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	R-1 Program Element (Number/Name)Project (PE 1160403BB / Aviation SystemsSF100 / JDevelopr							t <b>(Number/Name)</b> I Aviation Systems Advanced pment							
Product Developmen	it (\$ in Mi	illions)		FY 2	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering and Development															
Prior Year Funding - Completed Efforts	Various	Various : Various	1,131.840	-		-		-		-		-	0.000	1,131.840	-
Prior Year Funding - Classified Project Congressional Add	C/Various	Under Separate Cover : Under Separate Cover	8.000	-		-		-		-		-	0.000	8.000	-
		Subtotal	1,217.489	49.153		51.892		87.372		-		87.372	Continuing	Continuing	N/A
Support (\$ in Millions	5)			FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
EW-RFCM	C/Various	Various : Various	34.829	1.030	Jan 2023	1.040	Jan 2024	0.719	Jan 2025	-		0.719	Continuing	Continuing	-
PSP for SOF - Aft Weapon System & Crew Optimization	C/Various	Various : Various	-	-		-		1.704	Jan 2025	-		1.704	Continuing	Continuing	-
PSP for SOF - AESA Radar	C/Various	Various : Various	-	-		-		1.994	Jan 2025	-		1.994	Continuing	Continuing	-
A2E Software/ Engineering Support	Various	Various : Various	-	-		-		2.040	Nov 2024	-		2.040	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	69.455	-		-		-		-		-	0.000	69.455	-
		Subtotal	104.284	1.030		1.040		6.457		-		6.457	Continuing	Continuing	N/A
Test and Evaluation (	(\$ in Milli	ons)		FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
EW-RFCM Developmental Test & Evaluation	C/Various	Various : Various	17.103	1.800	Jan 2023	-		1.198	Jan 2025	-		1.198	Continuing	Continuing	-

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	2025 Unite	d States	Special (	Operatior	ns Comma	nd				Date:	March 20	)24	
Appropriation/Budge 0400 / 7		<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>						<b>Project (Number/Name)</b> SF100 <i>I Aviation Systems Advanced</i> <i>Development</i>							
Test and Evaluation	(\$ in Milli	ons)		FY	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
EW-RFCM Operational Test & Evaluation	C/Various	Various : Various	-	0.378	Jan 2023	2.595	Jan 2024	-		-		-	Continuing	Continuing	-
PSP for SOF - Aft Weapon System & Crew Optimization Developmental Test	C/Various	Various : Various	-	-		-		2.591	Jan 2025	-		2.591	Continuing	Continuing	-
PSP for SOF - AESA Radar Developmental Test	C/Various	Various : Various	-	-		-		2.826	Jan 2025	-		2.826	Continuing	Continuing	
MH-47/MH-60 SOF Common TF/TA SKR Developmental Test & Evaluation	C/CPFF	Various : Various	128.643	0.678	Nov 2022	0.768	Nov 2023	0.812	Nov 2024	-		0.812	Continuing	Continuing	-
A2E Developmental Test & Evaluation	Various	Various : Various	-	-		-		5.100	Mar 2025	-		5.100	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	85.435	-		-		-		-		-	0.000	85.435	-
		Subtotal	231.181	2.856		3.363		12.527		-		12.527	Continuing	Continuing	N/A
Management Service	es (\$ in M	illions)		FY	2023	FY	2024	FY 2 Ba	2025 Ise	FY 2 O(	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Funding - Completed Efforts	Various	Various : Various	52.169	-		-		-		-		-	0.000	52.169	-
		Subtotal	52.169	-		-		-		-		-	0.000	52.169	N/A
			Prior Years	FY	2023	FY	2024	FY 2 Ba	2025 ISE	FY 2 O(	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	1,605.123	53.039		56.295		106.356		-		106.356	Continuing	Continuing	N/A
<u>Remarks</u>															



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xhibit R-4, RDT&E Schedule Profile: PB 2025 United States S	pecial Operations Command Date: March 2024
ppropriation/Budget Activity 400 / 7	R-1 Program Element (Number/Name) PE 1160403BB / Aviation SystemsProject (Number/Name) SF100 / Aviation Systems Advanced Development
	MAC Schedule
Activity F	23         FY24         FY25         FY26         FY27         FY28         FY29           3         4         1         2         3         4
RDT&E:	Time Now
Market Research Amphibious Capability	
Analysis of Alternatives Light	
C-130J Rolls Royce Engine Analysis	
Amphibious C-130J Demonstration	
Amphibious C-130J Engineering Modeling & Subscale Hydro and Wind Tunnel Testing	Design Review
Build up of Full-Scale Assemblies & Testing	
Install, Float & Fly Demonstration (C-130,I)	

Note: Beginning in FY 2025, MAC Capabilities have transitioned from Program Element (PE) 1160403BB, Aviation Systems, Project SF100: Aviation Systems Advanced Development to PE 1160403BB Aviation Systems, Project S875: AC/MC-130J



Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name)	Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command Date: March 2024									
0400 / 7 PE 1160403BB / Aviation Systems SF100 / Aviation Systems Advanced Development	Appropriation/Budget Activity I 0400 / 7	R-1 Program Element (Number/Name) PE 1160403BB / Aviation Systems	<b>Project (N</b> SF100 / Av Developme	u <b>mber/Name)</b> riation Systems Advanced ent						

# Schedule Details

	Sta	art	En	d
Events by Sub Project	Quarter	Year	Quarter	Year
Electronic Warfare - Radio Frequency Countermeasures (EW-RFCM)				
Spiral Development and Test	1	2023	4	2029
Baseline Development, Design, and Test	1	2023	2	2024
Developmental Test and Operational Test (DT/OT) AC-130J	1	2023	3	2024
DT/OT #1 MC-130J	2	2023	3	2024
Precision Strike Package (PSP) for Special Operations Forces (SOF)				
Aft Weapon System and Crew Optimization Product Development	2	2024	4	2026
Active Electronically Scanned Array (AESA) Product Development	2	2025	4	2027
Developmental Test & Evaluation	2	2025	4	2027
High Energy Laser (HEL)				
Integration / Ground Testing	1	2023	1	2024
Flight Testing / Demonstration	1	2023	3	2024
Aircraft Modification / Checkout	2	2024	3	2024
Aircraft Flights	3	2024	4	2024
MH-47G and MH-60M SOF Common Terrain Following (TF) / Terrain Avoidance (TA) Silent Knight Radar (SKR)			·	
Software Development	1	2023	4	2029
Developmental Test and Evaluation	1	2023	4	2029
Next Generation Aviation Engineering Analysis (AEA)			· · · · · · · · · · · · · · · · · · ·	
AEA Efforts (Various)	1	2023	4	2029
High Speed Vertical Take Off and Landing (HSVTOL)			· · · · ·	
HSVTOL Design Concepts	1	2023	3	2023

xhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Op	erations Comma	nd		Date:	March 2024	
ppropriation/Budget Activity 400 / 7	<b>R-1 Program</b> PE 1160403B	Element (Number B I Aviation Systen	<b>Project (Number/Name)</b> SF100 <i>I Aviation Systems Advanced</i> <i>Development</i>			
		Sta	art		End	
Events by Sub Project		Quarter	Year	Quarter	Year	
Industry Engagement Activities and Selection		1	2023	4	2023	
MC-130J Amphibious Capability (MAC)				·	,	
Market Research Amphibious Capability		1	2023	3	2023	
Analysis of Alternative Light		3	2023	2	2024	
C-130J Rolls Royce Engine Analysis		2	2024	4	2024	
Amphibious C-130J Engineering Modeling and Subscale Hydro and Wi Testing	ind Tunnel	1	2023	4	2024	
Build up of Full-Scale Assemblies and Testing		1	2025	2	2026	
Install, Float & Fly Demonstration		3	2026	1	2027	
Adaptive Airborne Enterprise (A2E)				1	,	
Product Development		2	2025	4	2029	
Developmental Test & Evaluation		2	2025	4	2029	

Exhibit R-2A, RDT&E Project Ju	stification	PB 2025 L	Inited State	s Special C	perations C	Command				Date: Mar	ch 2024		
Appropriation/Budget Activity 0400 / 7						<b>am Elemen</b> t )3BB <i>I Aviati</i>	t (Number/ ion System	<b>Name)</b> s	Project (N SF200 / C	j <mark>ect (Number/Name)</mark> 200 / CV-22			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost	
SF200: CV-22	83.227	11.757	21.619	15.727	-	15.727	19.064	19.445	19.834	20.231	Continuing	Continuing	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			
Project MDAP/MAIS Code: 212													
A. MISSION Description and Bud This project supports integration, in situational awareness (SA); inte survivability systems; interoperab Osprey is a SOF variant of the V- (exfil), and resupply of SOF teams National Defense Strategy (NDS) requirements: CV-22 SOF Comm Test Aircraft Flying Hours and Ma	get item Jt design, dev elligence, su ility; speed 22 vertical i s in hostile, . These cap on Terrain intenance.	velopment, r urveillance, and maneu medium lift, denied, and babilities are Following ( <sup>7</sup>	rapid protot and reconn verability; n multi-missi d politically e not curren FF) / Terrair	yping, and t aaissance (I nission dep on aircraft. sensitive au tly provideo n Avoidance	test to provi ISR), weapo loyment and The CV-22 reas that all d by other e e (TA) Silen	de improved ons, avionics d improved r provides lon ows the Joir xisting SOF t Knight Rad	d capabilitie s; Special C reliability an ng-range, hi nt Force to l vertical lift dar (SKR), f	s to include operations F id maintaina igh speed, a be more ag aircraft. Fur Block 20 De	e, but not lin Forces (SOF ability of the all weather, ile and resp nding suppo evelopment,	nited to: mo -) communi CV-22 plat infiltration ( onsive as so orts the follo Reliability	re robust pe cations; def form. The C infil), exfiltra stated in the wing CV-22 Improvemer	erformance ensive/ V-22 ation 2022 hts, and	
B. Accomplishments/Planned P	rograms (\$	in Millions	<u>s)</u>						FY	2023 F	Y 2024	FY 2025	
Title: SOF Common TF/TA SKR,	Program N	umber 44Z								11.757	2.500	6.100	
<b>Description:</b> Supports development development of CV-22 platform so for long range, night/adverse weat forces. The more sustainable and on CV-22 aircraft.	ent of the C oftware and ther, clande capable ra	V-22 SOF ( hardware t estine penet dar, the AP	Common TF o support in ration of me Q-187, repla	TA SKR C ategration a edium-to-hig aces the ob	Operational I nd testing. <sup>-</sup> gh threat aro psolete APQ	Flight Progra This effort pr eas for infl, e -186 TF/TA	am (OFP) s rovides rada exfil, and re radar curre	oftware, an ar improven supply of S ently integra	d nents OF ted				
FY 2024 Plans: Correct deficiencies to the CV-22	SOF Comn	non TF/TA S	SKR OFP d	iscovered c	luring flight	testing.							
<b>FY 2025 Plans:</b> Completes developmental test and weather penetrating capabilities.	d evaluatior	n of SOF Co	ommon TF/	TA SKR OF	P integratio	on. Begins c	developing	advanced ra	adar				
FY 2024 to FY 2025 Increase/De Increase of \$3.600 million corrects during flight testing and develops	crease Sta deficiencie advanced r	tement: es to the C\ adar weath	/-22 SOF C er penetrati	ommon TF ng capabilit	/TA SKR Oj ties.	perational Fl	light Progra	m discover	ed				
Title: CV-22 Development, Progra	am Number	773								-	8.069	5.127	

Exhibit R-2A, RDT&E Project Justification: PB 2025 United State	es Special Operations Command		Date: N	larch 2024	
Appropriation/Budget Activity 0400 / 7	Project SF200				
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2023	FY 2024	FY 2025
<b>Description:</b> CV-22 development supports design, integration, and deficiencies to include, but not limited to electronic warfare upgrade and Airborne Mission Networking (AbMN). Efforts include incremer situational awareness, intelligence, surveillance, and reconnaissance and defensive survivability systems.	I testing of CV-22 avionics upgrades and correction of es, improved crew interface functionality, weapon system ntal development to improve capabilities to, but not limite ce, weapons, SOF communications, avionics, interopera	s, d to bility			
<b>FY 2024 Plans:</b> Begin developing AbMN capabilities including, but not limited to, de environment to develop a fully integrated AbMN capability suite.	esigning the aircraft information architecture and creating	an			
<b>FY 2025 Plans:</b> Develops an integrated AbMN hardware and software system to red information.	ceive, process, display, and disseminate battlespace				
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Decrease of \$2.942 million is due to a transition of funding to develo deficiencies.	op and test solutions for SKR Operational Flight and Pro	gram			
Title: CV-22 Reliability Improvements			-	4.780	-
<b>Description:</b> Supports design, integration, test and validation of system required aircraft availability and operational requirements. Reliability design improvements directly increasing CV-22 fleet readiness. Effective components that impact aircraft reliability.	stem, and sub-system, reliability enhancements to meet y Improvements accelerate fielding and retrofitting syster orts include design and re-design enhancements of	n			
<b>FY 2024 Plans:</b> Investigate and identify CV-22 Hard Clutch Engagement (HEC) root clutch designs, developing a gearbox vibration monitoring system, a	t cause. Other efforts include, but not limited to, alternat and expanding on-board maintenance data collection	ive			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Decrease of \$4.780 million is due to a change in acquisition strateg parts to procuring additional existing parts and implements a more f	y from designing, developing, testing, and deploying imp frequent maintenance/replacement of the part.	roved			
Title: Test Aircraft Flying Hours and Maintenance			-	6.270	4.500
<b>Description:</b> Supports development flight testing and maintenance SOF Common TF/TA SKR. Efforts include conducting development for test sorties.	e of the test CV-22 aircraft to ensure integration of the CV tal test flights and maintenance required to execute the a	/-22 ircraft			

Exhibit R-2A, RDT&E Project Just	ification: PB	2025 United	States Spe	cial Operatio	ns Comman	d			Date: N	larch 2024				
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pr</b> PE 11	<b>ogram Eler</b> 60403BB / A	nent (Numb	<b>er/Name)</b> ems	Project SF200	roject (Number/Name) F200 / CV-22					
B. Accomplishments/Planned Pro	<u>grams (\$ in I</u>	<u>/lillions)</u>							FY 2023	FY 2024	FY 2025			
<b>FY 2024 Plans:</b> Support flying and maintaining two trequired.	est CV-22 air	craft to cond	uct SOF Cor	mmon TF/TA	R SKR and	other develo	opmental test	s as						
<i>FY 2025 Plans:</i> Continues supporting flying hours a	nd maintaining	g two test C\	/-22 aircraft	to conduct d	evelopment	al flight tests								
FY 2024 to FY 2025 Increase/Deci Decrease of \$1.770 million is due to	rease Statem fewer flying h	ent: nours foreca:	st to support	: FY 2025 flig	ht test activi	ties.								
				Accon	nplishments	s/Planned P	rograms Sul	btotals	11.757	21.619	15.727			
C. Other Program Funding Summ	ary (\$ in Milli	ons <u>)</u>												
			FY 2025	FY 2025	FY 2025					<u>Cost To</u>				
Line Item	FY 2023	FY 2024	<u>Base</u>	000	<u>Total</u>	FY 2026	FY 2027	FY 202	28 FY 202	9 Complete	Total Cost			
• PROC/1000CV22: CV-22 SOF Modification	/8./20	75.981	49.403	-	49.403	19.719	17.551	52.28	51 53.53	or Continuing	Continuing			
<u>Remarks</u>														

#### D. Acquisition Strategy

When possible, rapid prototyping will be incorporated in the acquisition strategies below to develop, demonstrate, and evaluate residual operational capabilities. The SKR was developed by the United States Special Operations Command (USSOCOM) to provide a SOF Common TF/TA capability for SOF aircraft. The SKR replaces the obsolete APQ-186 TF/TA multimode radar on the CV-22. The acquisition strategy for the CV-22 SOF Common TF/TA SKR program is to procure radar units and radar software modifications through the USSOCOM SKR program management office, buy aircraft modification kits, and integrate SKR into CV-22 aircraft using a mixture of both sole source and competitive contracts.

Exhibit R-3, RDT&E F	Project Co	<b>ost Analysis:</b> PB 2	2025 Unite	ed States	Special (	Operation	s Comma	and				Date:	March 20	)24	
Appropriation/Budget Activity 0400 / 7							R-1 Program Element (Number/Name)ProjecPE 1160403BB / Aviation SystemsSF200								
Product Developmer	nt (\$ in Mi	illions)		FY 2023		FY 2024		FY 2025 Base		FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) Operational Flight Program (OFP) Development	C/CPFF	Various : Various	39.903	1.062	Feb 2023	-		1.200	Mar 2025	-		1.200	Continuing	Continuing	-
SOF Common TF/TA SKR Integration	C/CPFF	Various : Various	31.815	1.685	Feb 2023	-		1.000	Mar 2025	-		1.000	Continuing	Continuing	-
CV-22 Development	Various	Various : Various	0.337	-		8.069	Apr 2024	5.127	Mar 2025	-		5.127	Continuing	Continuing	-
Reliability Improvements	C/Various	Various : Various	-	-		4.780	Apr 2024	-		-		-	0.000	4.780	-
		Subtotal	72.055	2.747		12.849		7.327		-		7.327	Continuing	Continuing	N/A
Test and Evaluation	(\$ in Milli	ons)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Aircraft Flying Hours and Maintenance Developmental	C/Various	Various : Various	-	-		6.270	Feb 2024	4.500	Feb 2025	-		4.500	Continuing	Continuing	-
SOF Common TF/TA SKR - OFP Developmental	C/CPFF	Various : Various	6.694	1.200	Feb 2023	1.000	Nov 2023	1.000	Mar 2025	-		1.000	Continuing	Continuing	-
SOF Common TF/ TA SKR- Integration Developmental	C/CPFF	Various : Various	4.478	7.810	Feb 2023	1.500	Nov 2023	2.900	Mar 2025	-		2.900	Continuing	Continuing	-
		Subtotal	11.172	9.010		8.770		8.400		-		8.400	Continuing	Continuing	N/A
Remarks Test Aircraft Flying Hours a	and Mainten	ance costs were previou	usly reported	d under Tes	st and Evalu	ation / CV-2	2 SOF Com	1mon TF/TA	A SKR-Integ	ration Deve	elopmental.	_			
			Prior Years	FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	83.227	11.757		21.619		15.727		-		15.727	Continuing	Continuing	N/A
									,						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command								Date: March 2024				
Appropriation/Budget Activity 0400 / 7			<b>R-1 Program El</b> PE 1160403BB /	<b>ct (Numbe</b> 0 / CV-22	n <b>ber/Name)</b> 22							
	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract			
Remarks												


Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operat	ions Command		Date: March 2024			
Appropriation/Budget ActivityF0400 / 7F	R-1 Program Element (Number PE 1160403BB / Aviation System	er/Name) ems	Project (Number/Na SF200 / CV-22	me)		
Sche	dule Details					
	S	tart	E	End		
Events by Sub Project	Quarter	Year	Quarter	Year		
CV-22						
Test Aircraft Flight Hours and Maintenance	1	2023	4	2029		
Special Operations Forces (SOF) Common Terrain Following (TF) / Terrair (TA) Silent Knight Radar (SKR)	Avoidance 1	2023	4	2029		
Block 20 Development - Airborne Mission Networking (formerly Survivabilit Situational Awareness)	y and 3	2024	4	2029		
Reliability Improvements	3	2024	4	2024		

Exhibit R-2A, RDT&E Project Ju	stification	PB 2025 U	Inited State:	s Special C	perations	Command				Date: Mar	ch 2024	
Appropriation/Budget Activity 0400 / 7					<b>R-1 Prog</b> PE 11604	<b>ram Elemer</b> 03BB / Avia	nt (Number/ tion System	Name) s	Project (N SF300 / A	umber/Na	<b>me)</b> watch/Targe	ting
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	FY 2029 Cost To	
SF300: Armed Overwatch/ Targeting	45.388	1.156	2.000	2.000	-	2.000	2.000	4.000	5.000	5.100	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Bud This project supports integration a Special Operations Forces (SOF) strike, and armed intelligence, su are in support of the 2022 Nationa	<b>get Item Ju</b> and testing with crewe rveillance, a al Defense	ustification of SO-pecu d deployabl and reconna Strategy (N	liar capabili le, affordabl aissance (IS DS).	ties and air le, and sust R) requirer	craft certific tainable cre nents in au	cation efforts ewed aircraf istere and p	s for the Arn t systems ca ermissive er	ned Overwa apable of ex avironments	atch program cecuting clo for use in	n. Armed C se air supp Irregular W	Overwatch pr ort (CAS), p arfare opera	rovides recision itions that
B. Accomplishments/Planned P	<u>rograms (</u> \$	in Millions	<u>s)</u>						F١	2023	FY 2024	FY 2025
Title: Armed Overwatch/Targeting	g, Program	Number 814	4							1.156	2.000	2.000
<i>FY 2024 Plans:</i> Continue SOF integration, testing integration activities for SOF secu	, and aircra	ft certificatic ications, se	on efforts. In nsors, and t	nitiate mod targeting sy	ular capabilit vlar capabi	lity enhance	ements and	payload				
Continues SOF integration, testing integration activities sensors and and open architecture to rapidly re	g, and aircra targeting sy econfigure p	aft certificati stems, and platform cap	ion efforts. ( initiates we pability tailor	Continues r apon upgra red to supp	nodular ca ades capita ort Special	pability enha lizing on Arı Operations	ancements a med Overwa ground forc	and payload atch's modu e needs.	l Ilar			
					Accompli	shments/P	anned Prog	grams Sub	totals	1.156	2.000	2.000
C. Other Program Funding Sum Line Item • PROC/0201ARMOWT: Armed Overwatch/Targeting	mary (\$ in <u>FY 20</u> 246.0	Millions) 23 FY 20 00 266.8	<u>FY 2</u> 024 <u>E</u> 846 335	2025 FY Base .487	<u>2025</u> F OCO - 3	<mark>Y 2025</mark> <u>Total</u> <u>F</u> 35.487 2	E <u>Y 2026</u> 246.802	<b>-<u>Y 2027</u></b> 228.196	<u>FY 2028</u> 1.322	<u>FY 2029</u> 1.348	Cost To Complete Continuing	<u>Total Cost</u> Continuing
<u>Remarks</u>												

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024									
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)						
0400 / 7	PE 1160403BB / Aviation Systems	SF300 / Ar	med Overwatch/Targeting						

### D. Acquisition Strategy

Armed Overwatch: These technologies were pursued through industry partners via rapid prototyping. The USSOCOM Acquisition Executive approved the program's transition to the Major Capability Acquisition pathway at Milestone C and award of the follow-on production contract in 4th QTR FY 2022. The production contract was awarded 31 July 2022; certification and verification testing began immediately following award.

,	-	,			•										
Appropriation/Budge 0400 / 7	et Activity	/				<b>R-1 Pro</b> PE 116	ogram Ele 0403BB /	ement (N Aviation	umber/Na Systems	ame)	Project (Number/Name) SF300 / Armed Overwatch/Targeting				
Product Developmer	nt (\$ in M	illions)	ſ	FY 2	2023	FY 2	2024	FY 2025 Base		FY 2025 OCO		FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Armed Overwatch/ Targeting: Special Operations Forces Integration, Testing and Aircraft Certification	C/FFP	Various : Various	30.296	1.156	Jun 2023	-		0.750	Mar 2025	-		0.750	Continuing	Continuing	-
Modular Payload Integration and Certification	C/FFP	Various : Various	-	-		1.500	Mar 2024	0.500	Mar 2025	-		0.500	Continuing	Continuing	-
		Subtotal	30.296	1.156		1.500		1.250		-		1.250	Continuing	Continuing	N/A
Support (\$ in Million	s)			FY 2	2023	FY	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Armed Overwatch Integration, Testing, and Aircraft Certification	Various	Various : Various	7.550	-		-		-		-		-	Continuing	Continuing	-
		Subtotal	7.550	-		-		-		-		-	Continuing	Continuing	N/A
Test and Evaluation	(\$ in Milli	ions)	ſ	FY 2	2023	FY	2024	FY 2 Ba	2025 ISE	FY 2 OC	2025 CO	FY 2025 Total			
Test and Evaluation	(\$ in Milli Contract Method & Type	ons) Performing Activity & Location	Prior Years	FY 2 Cost	2023 Award Date	FY 2	2024 Award Date	FY 2 Ba Cost	2025 Ise Award Date	FY 2 OC Cost	2025 CO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation Cost Category Item Armed Overwatch Verification Testing	(\$ in Milli Contract Method & Type C/FFP	Performing Activity & Location Various : Various	Prior Years 1.029	FY 2 Cost	2023 Award Date	FY 2 Cost	2024 Award Date	FY 2 Ba Cost 0.400	Award Date	FY 2 O( Cost	2025 CO Award Date	FY 2025           Total           Cost           0.400	Cost To Complete Continuing	Total Cost Continuing	Target Value of Contract
Test and Evaluation Cost Category Item Armed Overwatch Verification Testing Armed Overwatch Live Fire Test & Evaluation	(\$ in Milli Contract Method & Type C/FFP C/FFP	Performing Activity & Location Various : Various Various : Various	Prior Years 1.029 6.200	FY 2 Cost -	Award Date	FY 2 Cost -	2024 Award Date	FY 2 Ba Cost 0.400	Award Date Dec 2025	FY 2 00 Cost - -	2025 CO Award Date	FY 2025 Total           Cost           0.400	Cost To Complete Continuing Continuing	Total Cost Continuing Continuing	Target Value of Contract
Test and Evaluation Cost Category Item Armed Overwatch Verification Testing Armed Overwatch Live Fire Test & Evaluation Modular Payload Operational Test	(\$ in Milli Contract Method & Type C/FFP C/FFP C/FFP	Performing Activity & Location Various : Various Various : Various Various : Various	Prior Years 1.029 6.200 0.313	FY 2 Cost - - -	Award Date	FY 2 Cost - 0.500	Award Date	FY 2 Ba Cost 0.400 - 0.350	Award Date Dec 2025 Mar 2025	FY 2 00 <u>Cost</u> - - -	2025 CO Award Date	FY 2025 Total           Cost           0.400           -           0.350	Cost To Complete Continuing Continuing Continuing	Total Cost Continuing Continuing Continuing	Target Value of Contract - -

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command									Date: March 2024			
Appropriation/Budget Activity 0400 / 7				ogram Element (N 0403BB / Aviation	( <b>Numbe</b> Armed C	Number/Name) Armed Overwatch/Targeting						
Prior Years FY 2023				FY 2024 B	2025 ase	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract		
Project Cost Totals	2.000	2.000		-	2.000	Continuing	Continuing	N/A				

**Remarks** 



hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operat	Date: March 2024						
propriation/Budget Activity F 00 / 7 F	R-1 Program Element (Number PE 1160403BB / Aviation System	rogram Element (Number/Name)Project60403BB / Aviation SystemsSF300 /					
Sche	dule Details						
	Sta	art		End			
Events by Sub Project	Quarter	Year	Quarter	· Year			
Armed Overwatch/Targeting							
Special Operations Forces Integration, Testing, and Aircraft Certification	1	2023	4	2025			
Verification and Live Fire T&E	1	2023	4	2025			
Test Program and Configuration Management Support	1	2023	1	2024			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command											Date: March 2024		
Appropriation/Budget Activity 0400 / 7		<b>R-1 Progra</b> PE 116040	<b>am Elemen</b> )3BB / Aviat	t (Number/ tion System	<b>Project (N</b> S750 <i>I Mis</i> Systems	Number/Name) ssion Training and Preparation							
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost	
S750: Mission Training and Preparation Systems	70.394	13.343	3.453	5.361	-	5.361	8.650	7.114	7.213	3.840	Continuing	Continuing	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

### A. Mission Description and Budget Item Justification

This project funds the definition, design, development, prototyping, integration, and testing of Mission Training and Preparation Systems (MTPS) to support training, avoid obsolescence, and maintain simulator concurrency with weapon system configurations; support mission planning and rehearsal systems enhancements required to meet Special Operations-peculiar (SO-p) mission requirements and correct deficiencies identified in previous testing; and support mission planning and rehearsal capabilities in current MTPS. The MTPS project also includes program management, systems engineering, configuration management, architecture development, risk reduction, and trade study initiatives, as well as initiatives to assure interoperability and commonality between diverse SOF training systems. Additionally, this project funds the Extended Reality (XR) Training Transformation Simulator Block Upgrade Fixed Wing (SBUDF) program that develops and integrates training innovation and transformation solutions across the United States Special Operations Command (USSOCOM) fixed wing and special tactics augmented and virtual reality (AR/VR) mission training device portfolio, to include AC-130J, MC-130J, CV-22, Armed Overwatch and C-146.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: Training Transformation Simulator Block Upgrades (SBUDF)	2.801	3.453	5.361
<b>Description:</b> Develops and integrates training innovation and transformation solutions across the USSOCOM fixed wing and special tactics training device portfolio, to include AC 130J, MC-130J, CV-22, Armed Overwatch, and C-146. These efforts include further developing and integrating augmented reality (AR), virtual reality (VR), and mixed reality technology and applying the technology to SO-peculiar missions and platforms in support of combat readiness and SOF operator mission qualification. These initiatives are not intended to replace existing traditional USSOCOM training devices and full motion simulators, but will rather mitigate current training limitations as well as enhance and complement existing training capabilities. The SBUDF will also support the development of advanced instructor and student feedback systems and artificial intelligence capabilities to increase the fidelity, quality, and efficiency of the USSOCOM training pipeline.			
<i>FY 2024 Plans:</i> Continue spiral development of AC-130J aircrew/maintenance AR/VR mission training devices and modules, while initiating development for MC-130J and Armed Overwatch aircrew/maintenance applications and incorporating emerging technology into existing solutions. Additionally, funds development and incorporation of artificial intelligence (AI) feedback systems into existing training platforms. <i>FY 2025 Plans:</i>			

Exhibit R-2A, RDT&E Project Just	ification: PB	2025 United	States Spe	cial Operatio	ns Commar	nd			Date: Ma	arch 2024		
Appropriation/Budget Activity 0400 / 7	Oppropriation/Budget Activity     R-1 Program Element (Number/Name       .00 / 7     PE 1160403BB / Aviation Systems											
B. Accomplishments/Planned Pro	grams (\$ in N	<u>/lillions)</u>							FY 2023	FY 2024	FY 2025	
Continues spiral development of AC and AI feedback systems. Addition which will allow for more realistic, in adversary assets and terrain in abso could utilize this live AR capability in scenarios.	C-130J and Ari ally, initiate de nmersive, and ence of real w nclude threat r	med Overwa evelopment o repeatable l orld assets o eaction, aeri	atch aircrew/ of an integrat live range tra or terrain fea ial refueling a	maintenance ed AR live a aining by utili tures. Some approach, fo	AR/VR mis ircraft trainir zing digitally e examples o rmation flyir	sion training ng capability / rendered fri of live trainin ng, and terrai	devices, mc for the MC-1 endly and g scenarios t n avoidance	odules I30J, that				
<b>FY 2024 to FY 2025 Increase/Dect</b> \$1.908 million Increase, supports do reality (VR) training devices for AC/ for use in live MC-130J flights.	rease Statem evelopmental MC-130J and	ent: efforts focus initiation of c	ed on increa development	sing realism of integrated	in graphics d, augmente	and function ed reality (AF	ality within v !) training ca	irtual pability				
Title: Special Operations Mission P	lanning and E	xecution (SC	OMPE), Prog	ram Numbe	r 838				10.542	-	-	
<b>Description:</b> The SOMPE program requirements for, and correct deficie SOF operations from deliberate to t situational awareness during missio to integrate global operations includ Systems (UAS) command and cont systems, providing immersive missi in the United States Special Operat Joint Special Operations Task Force platforms directly supporting the 202	develops, inte encies to, miss ime-critical. The n execution. The rol, but not lin rol. This progron rehearsal in ions Comman es, Joint Spec 22 National De	egrates, test sion planning he SOMPE a he SOMPE nited to, pred am also prov n minimal tin d (USSOCO ial Operation efense Strate	s, and valida g, preview, a automates tir provides the cision strike vides the inte neframes fro M) Headqua ns Aviation C egy focus on	tes software nd execution ne-sensitive interoperab software, dig egration of S om the SOMF arters, Theat Components, integrated c	e enhancemen n software to planning ac le environm gital navigati OMPE with PE mission p er Special C SOF warfig leterrence, o	ents required ools to suppo tivities and p ent for SOF on, and Unm multi-dimens olan. The SO operations Co hters, and S crisis and cor	to meet SO rt all phases rovides enha adaptive pla anned Aeria ional visuali MPE is emb ommands (T OF warfighte offlict.	-p of anced nning Il zation bedded SOC), er				
				Accon	nplishment	s/Planned P	rograms Su	ıbtotals	13.343	3.453	5.361	
C. Other Program Funding Summ	ary (\$ in Milli	ons <u>)</u>	FY 2025	FY 2025	FY 2025					Cost To		
Line Item • PROC/5000C13000: C-130 Modifications	<u>FY 2023</u> 16.893	<b>FY 2024</b> 18.796	Base	000	<u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 202</u>	8 <u>FY 2029</u> -	<u>Complete</u> 0.000	<u>Total Cost</u> 35.689	
PROC/0207NSAV: Non-Standard Aviation	5.026	25.782	8.400	-	8.400	34.758	33.622	43.934	4 54.811	Continuing	Continuing	
PROC/1000CV2200: CV-22 Modification	78.726	75.981	49.403	-	49.403	19.719	17.551	52.59	5 53.538	Continuing	Continuing	
DE 1160402DB: Aviation Systems												

PE 1160403BB: Aviation Systems United States Special Operations Command UNCLASSIFIED Page 40 of 70

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Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command											
Appropriation/Budget Activity 0400 / 7	<b>R-1 Pr</b> PE 110	ogram Elen 60403BB / A	nent (Numbo viation Syste	Project (N S750 / Mis Systems	Number/Name) ssion Training and Preparation						
C. Other Program Funding Summa	ry (\$ in Millio	ons <u>)</u>									
			<u>FY 2025</u>	<u>FY 2025</u>	FY 2025					<u>Cost To</u>	
Line Item	FY 2023	FY 2024	Base	000	<u>Total</u>	FY 2026	<u>FY 2027</u>	FY 2028	FY 2029	Complete	<b>Total Cost</b>
PROC/0204OTHER:	78.434	82.910	74.173	-	74.173	80.968	95.025	73.440	86.693	Continuing	Continuing
Other Items <\$5M											
• PROC/0607U28: U-28	4.589	7.198	5.259	-	5.259	2.031	-	-	-	0.000	19.077
<ul> <li>PROC/0201RWUPGR: Rotary Wing Upgrades and Sustainment</li> </ul>	224.134	261.012	220.301	-	220.301	190.270	193.662	203.051	207.501	Continuing	Continuing

#### <u>Remarks</u>

### **D. Acquisition Strategy**

The Training Transformation SBUDF program will utilize Naval Surface Warfare Center (NSWC) Dahlgren Division as the Government lead system integrator, while incorporating commercial off-the-shelf hardware/software solutions and competitive as well as sole source contracts to support spiral development of training transformation initiatives.

The SOMPE program employs the software acquisition pathway, leveraging commercial government sources, to facilitate rapid product development and delivery of software solutions using modern software development practices such as agile software development, Development Security and Operations (DevSecOps), and lean practices. SOMPE implements a modular open system approach that leverages commercial and government sources, including Science and Technology and Small Business Innovative Research programs within and outside of the United States Special Operations Command (USSOCOM), to quickly prototype, integrate, test, and deploy emerging technologies for decision support in all domains. This development strategy enables the program to design, develop, operationally test and deliver software quickly based on dynamic and emergent SO-peculiar operational requirements to achieve the USSOCOM's vision of obtaining strategic, asymmetric advantages for the nation in integrated deterrence, crisis, and conflict.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Specia						Operatior	is Comma	nd			Date: March 2024					
Appropriation/Budge 0400 / 7	oropriation/Budget Activity 0 / 7						ogram Ele 0403BB /	ement (N Aviation	umber/Na Systems	ame)	<b>Project (Number/Name)</b> S750 I Mission Training and Preparation Systems					
Product Developmer	nt (\$ in M	illions)		FY	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	]			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Training Transformation Simulator Block Upgrades Fixed Wing Augmented Reality/ Virtual Reality Device Spiral Development	Various	Various : Various	-	2.801	Mar 2023	3.453	Jan 2024	5.361	Jan 2025	-		5.361	Continuing	Continuing	-	
Special Operations Mission Planning and Execution (SOMPE) Software Development, Security, Operations (DevSecOps)	Various	Various : Various	56.704	8.971	Jan 2023	-		-		-		-	Continuing	Continuing	-	
		Subtotal	56.704	11.772		3.453		5.361		-		5.361	Continuing	Continuing	N/A	
Support (\$ in Million	s)		ſ	FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	]			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
SOMPE Software	MIPR	Special Operations Mission Planning Office : Various	3.872	-		-		-		-		-	Continuing	Continuing		
		Subtotal	3.872	-		-		-		-		-	Continuing	Continuing	N/A	
Test and Evaluation	(\$ in Milli	ions)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	]			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
SOMPE Exercise & Limited Objective Operational and Developmental Test Events	Various	Various : Various	9.818	1.571	Nov 2022	-		-		-		-	Continuing	Continuing	-	
		Subtotal	9.818	1.571		-		-		-		-	Continuing	Continuing	N/A	

Exhibit R-3, RDT&E Project Cost Analysis: PB 2	ed States Special	I Operations Command					Date: March 2024						
Appropriation/Budget Activity 0400 / 7				<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>					<b>Project (Number/Name)</b> S750 I Mission Training and Preparation Systems				
Prior Years F		FY 2023	FY 2025 FY FY 2024 Base C				FY 2 OC	025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals         70.394         13.343					5.361		-		5.361	Continuing	Continuing	N/A	

**Remarks** 



#### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity 0400/7 PE 1160403BB I Aviation Systems S750 I Mission Training and Preparation Systems Training Transformation SBUDF Schedule (Continued) Activity FY23 FY29 FY24 FY25 FY26 FY27 FY28 1 2 3 4 3 4 2 3 4 2 3 4 2 3 1 2 1 1 1 4 1 2 3 4 1 2 3 4 Procurement AC-130J CV-22 MC-130J U-28 Armed Overwatch C-146 Sustainment/Contractor Logistics Support 0&M Contract Award Article Delivery RDT&E Procurement C&M Previously Reported \* Cancelled Reg't UNCLASSIFIED

bit R-4, RDT&E Schedule Profile: PB 2025 United Sta	ates Special Oper	rations Command	Date: March 2024
opriation/Budget Activity / 7		<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>	<b>Project (Number/Name)</b> S750 I Mission Training and Preparati Systems
Special Ope and Exect	eration	ons Mission F (SOMPE) Scl	Planning hedule
Activity	FY23 1 2 3 4	FY24         FY25         FY26           1         2         3         4         1         2         3         4         1	FY27         FY28         FY29           2         3         4         1         2         3         4         1         2         3         4
RDT&E:		Note: For FY 2023 and prior, fundir	ng was displayed in Program
	New OTA N	Element (PE) 1160403BB / Aviation Mission Training and Preparation S	Systems, Project S750, systems, Beginning in FY 2024.
SOMPE Software Acquisition Pathway:	Agreement	funding is contained in PE 1160431	BB / Warrior Systems, Project
(Annual Capability Releases w/Quarterly Sub-Releases)		S710, Tactical Systems Developme	nt.
	Software C		
Tactical Assault Kit (TAK) Convergence (Tri-annual Releases to Ground & Maritime)	000		
Exercise & Limited Objective Operational and Developmental Test Events			
O&M:			
Software Sustainment DevSecOps: Integration, Technical Support, Life Cycle Sustainment			
Contract Award Capability	ity Statement	Annual Value Assessment Capability Release	RDT&E 🔤 0&M

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command Date: March 2024									
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160403BB <i>I Aviation Systems</i>	<b>Project (N</b> S750 / Mis Systems	umber/Name) sion Training and Preparation						

# Schedule Details

	St	art	E	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Training Transformation Simulator Block Upgrades Fixed Wing				
Augmented Reality/Virtual Reality (AR/VR) Device Spiral Development AC-130J Aircrew / Maintenance	2	2023	4	2029
AR/VR Device Spiral Development CV-22 Aircrew / Maintenance	2	2026	4	2029
AR/VR Device Spiral Development MC-130J Aircrew / Maintenance	1	2025	4	2029
AR/VR Device Spiral Development Armed Overwatch Aircrew	2	2025	4	2029
AR/VR Device Spiral Development C-146 Aircrew	2	2026	4	2029
Artificial Intelligence Feedback Capabilities	2	2024	4	2029
Special Operations Mission Planning and Execution (SOMPE)				
Software Acquisition Pathway: Software Development and Tech Insertions	1	2023	4	2023
Tactical Assault Kit (TAK) Convergence	1	2023	4	2023
Exercise & Limited Objective Operational and Developmental Test Events	1	2023	4	2023

Exhibit R-2A, RDT&E Project Ju	perations C	Command			Date: March 2024							
Appropriation/Budget Activity 0400 / 7					<b>R-1 Progra</b> PE 116040	<b>am Elemen</b> 3BB <i>I Aviat</i>	t (Number/ ion System	<b>Name)</b> s	Project (Number/Name) S875 / AC/MC-130J			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S875: AC/MC-130J	186.820	40.038	65.496	74.616	-	74.616	44.757	23.934	24.217	24.341	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

### A. Mission Description and Budget Item Justification

This project supports the development, rapid prototyping, integration, automation, and testing of the AC-130J and MC-130J aircraft. The AC-130J Ghostrider provides close air support (CAS), air interdiction, and armed reconnaissance in support of special operations and conventional forces in contested and degraded environments. The MC-130J Commando II provides clandestine, or low visibility, single or multiship, low-level infiltration (infil), exfiltration (exfil), and resupply of Special Operations Forces (SOF), by airdrop or airland and air refueling missions for special operations helicopters and tiltrotor aircraft, intruding politically sensitive or hostile territories. Incremental upgrade and agile software delivery approaches will be used to rapidly prototype, integrate and mature SOF capabilities onto the AC-130J and MC-130J aircraft. Capability Release Two (CR2) includes the following SOF modifications: Special Mission Systems (SMS), Auxiliary Flight Deck Station (AFDS), Defensive System Upgrade (DSU), Terrain Following (TF) / Terrain Avoidance (TA) radar, Airborne Mission Networking (AbMN), and Electronic Warfare (EW) / Radio Frequency Countermeasures (RFCM) programs. Additionally, Capability Release Three (CR3) builds upon the CR2 configuration through integration of an enhanced Tactical Flight Management System (TFMS), Auto-Route Replanner (ARR), integrated Defensive Countermeasure (DCM) Suite implemented in alignment to the Open Mission Systems (OMS) standard reference architecture and hosted on an upgraded Next Generation SMS. Efforts like Integrated Tactical Mission Systems (ITMS) in CR3 provides critical automation and integration of SOF Tactical Mission Systems (TMS), including navigation, communication, precision fire control and defensive systems required for safe flight in AC-130J and MC-130J aircraft. Requirements include upgrades to integrate and automate SOF TMS such as AbMN interoperability, data fusion and improved situational awareness, improved threat detection and avoidance, integrated TF / TA and Silent Knight Radar (SKR) improvements, DCM suite, Precision Strike Package (PSP) interoperability, integrated EW, and embedded training. Integrating and automating SOF mission systems that deliver these capabilities is critical to fielding SOF-capable AC-130J and MC-130J aircraft to be more lethal, resilient, survivable, agile, and responsive in support of the 2022 National Defense Strategy (NDS). MAC supports development and demonstration of amphibious capabilities on a C-130J to support runway independent operations and provide the ability to operate in logistically constrained environments.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: Integrated Tactical Mission Systems (ITMS), Program Number 780	40.038	65.496	63.116
<b>Description:</b> Provides critical automation and integration of SOF TMS, including navigation, communication, precision fire control and aircraft defensive systems required for safe flight in AC-130J and MC-130J aircraft. The ITMS program increases operational crew performance and aircraft survivability by integrating the AC/MC-130J green aircraft and multiple SOF mission systems as an interoperable system-of-systems. Automated software capabilities will be developed, integrated, and tested with SOF-peculiar and green aircraft flight information, displays, and controls through the Special Mission Systems (SMS) suite. By increasing system-of-systems data interoperability through an Open Mission Systems (OMS) compliant Modular Open System Architecture (MOSA), an agile software development infrastructure will be employed to integrate multiple subsystems and continuously deliver automated software capabilities. Capabilities include, but are not limited to: automated route replanning; tactical flight management; integrated aircraft defensive systems; defensive countermeasures (DCM); and embedded training.			

#### Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) 0400/7 PE 1160403BB / Aviation Systems S875 / AC/MC-130J B. Accomplishments/Planned Programs (\$ in Millions) FY 2023 FY 2024 FY 2025 The Next Generation Special Mission Processor (SMP) resolves current diminishing manufacturing sources issues with a MOSA compliant design to perform central processing for ITMS software. The ITMS enables dynamic operations with integrated real-time information, automation, and decision making data for safe TF/TA flight and mission execution on MC-130J aircraft and seamless employment of the PSP on AC-130J aircraft. FY 2024 Plans: Continue development, demonstration, and test of common interfaces to integrate legacy, current, and future mission systems into an interoperable systems architecture for both MC-130J and AC-130J aircraft. Continue to identify, prototype, demonstrate, and enhance modern OMS compliant capabilities of: pre-mission software; common payload interfaces; automated sensor tip/cue; enhanced cybersecurity management software; automated weapons planning and management; and applications of BMS software in support of multi-role aircraft capabilities and roll-on/roll-off systems. Complete MC-130J TFMS minimum viable product integration and test, and continues software DevSecOps to improve avionics interoperability with mission systems. Begin MC-130J integration and test of minimum viable products for onboard ARR and DCM capabilities on Next Gen SMP hardware. Continue capability maturation of software services for TFMS and ARR products to improve operations-based software performance. Continue development of DCM capabilities for both the MC-130J and AC-130J aircraft. FY 2025 Plans: Continues development, demonstration, and test of integration of new and existing systems into a Modular Open Systems Architecture (MOSA) aligned to the Open Mission Systems (OMS) reference architecture for both AC-130J and MC-130J. Integrates existing defensive systems with the prototype mission package for consolidated situational awareness and control to support AFSOC survivability and reduce crew compliment aircraft needs, including completion of data gateway adapters to the defensive systems. Continues integration of the Tactical Flight Management System (TFMS) with the MC-130J avionics to support AFSOC-unique aviation operations. Initial integration of AC-130J unique capabilities with the OMS mission package is performed, with development and demonstration of OMS-enabled lethality optimization services on the Precision Strike Package (PSP) for the AC-130J. Efforts are underway to incorporate digital engineering infrastructure and principles supporting these efforts, including completion of stand-up of an enterprise Integrated Digital Environment (IDE), continued development of a Government System Model, and initial deployment of DevSecOps services focused on a common software service repository. FY 2024 to FY 2025 Increase/Decrease Statement: \$2.380 million decrease due to the completion of common interfaces to integrate legacy and current mission systems, less effort for tactical map enhancements, and release of the onboard Automated Route Replanner (ARR) initial capability on Next Generation Special Mission Processor (SMP) hardware for MC-130J. Title: MC-130J Amphibious Capability (MAC) 11.500 **Description:** THE MAC supports development and demonstration of amphibious capabilities on a C-130J to support runway independent operations and provide the ability to operate in logistically constrained environments.

Exhibit R-2A, RDT&E Project Justif	ication: PB	2025 United	States Spec	cial Operatio	ns Comman	d			Date: Ma	arch 2024		
Appropriation/Budget ActivityR-1 Program Element (Nu0400 / 7PE 1160403BB / Aviation S								Project S875	<pre>'roject (Number/Name) S875 / AC/MC-130J</pre>			
B. Accomplishments/Planned Prog	<u>rams (\$ in N</u>	<u>lillions)</u>						[	FY 2023	FY 2024	FY 2025	
<b>FY 2025 Plans:</b> Continues aircraft performance mode assembly, and the floatation system.	ling. Begins	full scale m	anufacturing	and fabrica	tion of test a	rticle beam a	assembly, trus	s				
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$11.500 million is due to transition of MAC capabilities from SF100: Aviation Systems Advanced Development to S875: AC/MC-130J, which supports the fabrication and testing of full-scale test articles. Decrease of \$3.5 million from original amount of \$15 million (originally reported under Project SF100, Aviation Systems Advanced Development), is due to completion of detailed design activities in FY 2024, with fabrication beginning in FY 2025.												
				Accon	nplishments	s/Planned P	rograms Sub	ototals	40.038	65.496	74.616	
C. Other Program Funding Summa	ry (\$ in Milli	ons)										
Line Item • PROC/2012C130J: <i>AC/MC-130J</i> • PROC/1202PSP: <i>Precision Strike Package</i> <u>Remarks</u>	FY 2023 222.869 57.450	FY 2024 319.754 108.497	FY 2025 Base 300.892 69.917	<u>FY 2025</u> <u>OCO</u> - -	FY 2025 Total 300.892 69.917	FY 2026 319.441 72.285	FY 2027 386.667 58.113	FY 202 410.95 59.21	28 FY 2029 50 438.665 11 61.306	Cost To Complete Continuing Continuing	Total Cost Continuing Continuing	

### D. Acquisition Strategy

ITMS: Award two sole source contracts to key prime integrators to develop and maintain an open mission system compliant MOSA, integrate legacy subsystems into the common architecture, support government on-boarding of 3rd party capabilities, and modernize software services through DevSecOps. Perform operationally driven rapid prototyping and demonstrations to evaluate new technology for system integration while informing changes to tactics, techniques, and procedures. Government lead development of virtual environment to enable collaborative integration of modular software services procured through competitive, sole source contracts, and use of open mission system compliant standards for hardware and software architecture, software, services, and future subsystems. Perform combined government and contractor integration, lab, and flight development/operational testing.

MAC: Utilize Government partners, labs and Industry partners through multiple contract awards to perform engineering analysis in the areas of hydrodynamics, structural loads, and flight performance modeling. In addition award contract to design, build and install test article.

Exhibit R-3, RDT&E F	xhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Sp							Special Operations Command							
Appropriation/Budge 0400 / 7	t Activity	,				<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0403BB /	ement (N Aviation	umber/Na Systems	ame)	Project S875 / J	(Numbe AC/MC-1	r/ <b>Name)</b> 30J		
Product Developmen	nt (\$ in Mi	illions)		FY 2	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Tactical Mission System (ITMS) - AC/MC-130J Systems Interoperability & Tactical Map Enhancements	C/Various	Sierra Nevada Corporation : Nevada	53.388	5.108	Dec 2022	8.867	Dec 2023	5.955	Dec 2024	-		5.955	Continuing	Continuing	-
ITMS - Open Mission System (OMS) Capabilities	C/Various	Various : Various	15.288	5.780	Dec 2022	9.805	Dec 2023	11.178	Dec 2024	-		11.178	Continuing	Continuing	-
ITMS - MC-130J Software Capability Development	C/CPFF	Lockheed Martin Aeronautics : Marietta	27.222	10.566	Dec 2022	21.703	Dec 2023	18.054	Dec 2024	-		18.054	Continuing	Continuing	-
ITMS - AC-130J Software Capability Development	C/Various	Various : Various	6.153	-		1.826	Dec 2023	3.238	Dec 2024	-		3.238	Continuing	Continuing	-
ITMS - Agile Software Framework Dev & Test	C/Various	Various : Various	11.951	6.830	Mar 2023	7.850	Mar 2024	8.312	Mar 2025	-		8.312	Continuing	Continuing	-
ITMS - NextGen Special Mission Processor (SMP) Development, Integration & Test	C/Various	Various : Various	18.182	-		-		-		-		-	0.000	18.182	-
MC-130J Airborne Mission Networking (AbMN)	C/CPFF	Sierra Nevada Corporation : Centennial, CO	19.712	-		-		-		-		-	0.000	19.712	-
MC-130J Amphibious Capability (MAC)	C/FFP	Various : Various	-	-		-		11.500	Nov 2024	-		11.500	Continuing	Continuing	-
		Subtotal	151.896	28.284		50.051		58.237		-		58.237	Continuing	Continuing	N/A
Support (\$ in Millions	5)			FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ITMS - Support	C/Various	Various : Various	8.885	3.650	Mar 2023	4.375	Mar 2024	4.893	Mar 2025	-		4.893	Continuing	Continuing	-
••		• • • • • •	0 005	2 650		1 275		1 002		_		/ 803	Continuing	Continuing	NI/A

PE 1160403BB: Aviation Systems United States Special Operations Command

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Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	025 Unite	d States	Special C	Operatior	is Comma	nd				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	et Activity	/				<b>R-1 Program Element (Number/Name)</b> PE 1160403BB / Aviation Systems					Project S875 / J	Project (Number/Name) S875 / AC/MC-130J			
Test and Evaluation	(\$ in Milli	ons)		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ITMS - Integration & Developmental Test	Sub Allot	USSOCOM Detachment 1 : Eglin AFB, FL	22.277	8.104	Mar 2023	11.070	Mar 2024	11.486	Mar 2025	-		11.486	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	C/Various	Lockheed Martin : Atlanta, GA	3.762	-		-		-		-		-	0.000	3.762	-
		Subtotal	26.039	8.104		11.070		11.486		-		11.486	Continuing	Continuing	N/A
Remarks AC-130J Software Capabil DCM software to the AC-1 ITMS - Support decreases risk to development activiti	ity Developr 30J fleet bas due to the c es.	ment increase ramps sof sed on FY 2025 OMS pro completion of common in	tware develo ototype dem terfaces to i	opment, int onstration ntegrate le	tegration and s. gacy and cu	d test to imp	prove PSP in	iteroperabil	ity and enha	nce comm	on TFMS, / gram with n	AAR, and ninimal			
			Prior Years	FY	2023	FY	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	186.820	40.038		65.496		74.616		-		74.616	Continuing	Continuing	N/A
Remarks															





Note: Beginning in FY 2025, MAC Capabilities have transitioned from Program Element (PE) 1160403BB, Aviation Systems, Project SF100: Aviation Systems Advanced Development to PE 1160403BB Aviation Systems, Project S875: AC/MC-130J

chibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operation	ns Command		Date: March 2024			
opropriation/Budget ActivityR-100 / 7PE	Program Element (Numbe 1160403BB / Aviation System	r/Name) I ms S	Project (Number/Name) S875 / AC/MC-130J			
Schedu	ule Details					
	Sta	art	En	d		
Events by Sub Project	Quarter	Year	Quarter	Year		
Integrated Tactical Mission Systems (ITMS)						
AC/MC-130J Systems Interoperability & Tactical Map Enhancements	1	2023	4	2025		
Open Mission System (OMS) Capabilities- Prototype and Demonstration	1	2023	4	2029		
MC-130J Software Capability Development - Tactical Flight Management Sys (TFMS)	stem 1	2023	3	2024		
MC-130J Software Capability Development - Auto Route Replanner (ARR)	1	2023	1	2025		
MC-130J Software Capability Development - Defensive Countermeasures (D	CM) 1	2023	2	2026		
AC-130J Software Development - TFMS	1	2023	3	2026		
AC-130J Software Development - ARR	1	2023	3	2026		
AC-130J Software Development - DCM	1	2023	4	2029		
AC-130J Software Development - Precision Strike Package Integration	1	2023	3	2026		
Agile Software Framework Development & Test - Deploy Agile Framework to Government Cloud	1	2023	3	2023		
Integration & Test - Utilize Agile Framework in Government Cloud	3	2023	4	2029		
Integration &Test - Hardware-in-the-Loop Systems Integration Lab (SIL) & Ai Testing	rcraft 1	2023	4	2029		
Integration & Test - Major Release Cycles (Delivery Capabilities)	1	2023	4	2029		
MC-130J Amphibious Capability (MAC)		1	I			
Build up of Full-Scale Assemblies & Testing	1	2025	2	2026		
Install, Float & Fly Demonstration (C-130J)	2	2026	1	2027		

xhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024												
ppropriation/Budget Activity 400 / 7					R-1 Program Element (Number/Name)ProjectPE 1160403BB / Aviation SystemsD615 /					Number/Name) otary Wing Aviation		
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
D615: Rotary Wing Aviation	379.464	57.665	67.311	59.652	-	59.652	60.924	57.931	58.998	60.145	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Bud	<mark>get Item Ju</mark> lopment, ra	ustification	oina, demor	stration, an	d integratio	n of current	and maturi	na technolo	aies for Sp	ecial Opera	tions - pecu	liar (SO-

In spoject provides for the development, rapid prototyping, demonstration, and integration of current and maturing technologies for Special Operations - peculiar (SOp) rotary wing aviation and training requirements. This project provides next generation mobility to allow SO-p helicopters to operate in denied environments in support of the 2022 National Defense Strategy. Rotary wing aircraft supported by this project include currently fielded: MH-60M; MH-47G; A/MH-6; and future planned Future Vertical Lift (FVL) Future Attack Reconnaissance Aircraft (FARA) and Future Long-Range Assault Aircraft (FLRAA). The currently fielded aircraft provide aviation support to SOF in worldwide contingency operations and low-intensity conflicts. These aircraft must be capable of rapidly deploying, penetrating hostile areas undetected, and operations at extended ranges under adverse weather conditions to infiltrate, provide logistics for, reinforce, and extract SOF. The anti-access/area denial (A2/AD) threat is characterized by an extensive and sophisticated ground based air defense system and an upgraded air-to-air capability targeted against helicopters. The Mission Processor Upgrades (MPU) provides for non-recurring engineering, systems engineering/testing, and future aircraft architecture studies that support replacement and upgrade of the current mission and video processors for all Army Special Operations Aviation (ARSOA) rotary wing aircraft. Tactical Mission Networking (TMN) focuses on technology development of platform software and hardware systems with capabilities to enable aircraft to effectively adapt and overcome the challenges of a highly contested and congested Radio Frequency (RF) environment.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<i>Title:</i> A/MH-6M Block 3.0 Upgrade, Program Number 828	2.635	2.940	2.999
<b>Description:</b> The A/MH-6 aircraft is the USSOCOM's only urban attack and assault platform and provides reconnaissance, close air support (CAS), precision strike, infiltration (infil), exfiltration (exfil), and resupply of SOF teams in hostile, denied, and politically sensitive areas. This specialized aircraft must be capable of worldwide rapid deployment and operations in contested or anti-access/area denial (A2/AD) environments in support of Multi-Domain Operations. The A/MH-6 allows the Joint Force to be more agile and responsive to combat missions, Irregular Warfare and Military Operations Other than War (MOOTW) as stated in the 2022 National Defense Strategy (NDS). This program funds the development and testing of SO-p equipment and modifications for the A/MH-6. It will include software development and testing to integrate new capability, development and qualification of new hardware, and test and evaluation of new weapons, sensors, communications systems, or aircraft modifications that increase system performance.			
Continue software updates to incorporate communications data upgrades and crypto modernization for enhanced situational awareness incorporating Tactical Assault Kit, and additional software applications in the Tactical Assault Kit. Continue improved			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United S	tates Special Operations Command		Date: M	larch 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160403BB / Aviation Systems	<b>Projec</b> D615 /	t (Number/N Rotary Wing	<b>lame)</b> g Aviation	
B. Accomplishments/Planned Programs (\$ in Millions)		Γ	FY 2023	FY 2024	FY 2025
main rotor transmission study and improvements to the Full Auth doors exhaust study flight testing.	nority Digital Engine Control (FADEC), and lightweight engi	ne			
<b>FY 2025 Plans:</b> Continues software updates to incorporate communications data awareness as well as additional software applications. Begins in the FADEC and lightweight engine doors exhaust flight testing.	a upgrades and crypto modernization for enhanced situation nproving main rotor transmission and continues improveme	nal ents to			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.059 million supports lightweight engine doors exh	naust flight testing.				
Title: MH-60M Modifications and Upgrades, Program Number 8	27		3.987	11.910	14.651
<b>Description:</b> Funds the development and integration of critical t engineering analysis, documentation, and airworthiness substar Improved Turbine Engine (ITE) into the MH-60M, replacing the of limited to, safety, performance restoration, MH-60 engineering of utilized for testing, modifications to Aircraft Survivability Equipme emerging threats, improved lethality, and enhanced aircraft self- and against near peer threats. The MH-60M aircraft provides lo precision strike, infiltration (infil), exfiltration (exfil), and resupply that allows the Joint Force to be more agile and responsive to co than War (MOOTW) as stated in the 2022 National Defense Stra	echnologies for the MH-60 helicopter to include flight test s nitiation. The Block 2.0 effort integrates the Army-common T current SO-p engine. Block 2.0 initiatives include, but are n hanges and product improvements to SO-p equipment, mu ent (ASE) and weapons systems designed to counter rapidl protection in the Multi-Domain Operations (MDO) environm ng-range, high speed, all weather, close air support (CAS), of SOF teams in hostile, denied, and politically sensitive ar ombat missions Irregular Warfare and Military Operations C ategy (NDS).	upport, 901 ot nitions y eent eas 0ther			
<b>FY 2024 Plans:</b> Continue Payload Restoration efforts and other technologies to is systems improvements and munitions. Initiate T901 Engine integral baseline. Begin development of MH-60M T901 software in supp	improve safety and decrease operational costs to ASE, wea gration efforts on the MH-60M based on an established UH ort of future flight test.	apons -60M			
<b>FY 2025 Plans:</b> Continues Payload Restoration efforts and other technologies to systems improvements and munitions. Initiates T901 Engine interbaseline. Continues development of MH-60M T901 software in s	e improve safety and decrease operational costs to ASE, we egration efforts on the MH-60M based on an established UI support of future flight test.	eapons H-60M			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$2.741 million is to support continued product develo Engine.	opment and testing efforts in support of initiation of the T90	1			
<i>Title:</i> Future Vertical Lift (FVL)			9.718	11.668	11.514

#### Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) PE 1160403BB / Aviation Systems D615 I Rotary Wing Aviation 0400/7 B. Accomplishments/Planned Programs (\$ in Millions) FY 2023 FY 2024 FY 2025 Description: Provides for development of the United States Special Operations Command (USSOCOM) platform capabilities that address SO-p FVL requirements. This FVL family of systems significantly increases range, speed, payload, survivability, reliability, and maintainability of vertical lift aircraft to meet emerging mission requirements. The USSOCOM will participate in the servicecommon development of a joint FVL aircraft by injecting SO-p requirements and equities into the initial development and design efforts to minimize SO-p modifications to the common aircraft. Additionally, SOF development will maximize the interoperability of the future and enduring fleet's Mission Equipment Packages (MEP) and integration. The FVL aircraft provides long-range, high speed, all weather, close air support (CAS), precision strike, infiltration (infil), exfiltration (exfil), and resupply of SOF teams in hostile, denied, and politically sensitive areas that allows the Joint Force to be more agile and responsive to combat missions Irregular Warfare and Military Operations Other than War (MOOTW) as stated in the 2022 National Defense Strategy (NDS). FY 2024 Plans: Continue Future Long-Range Assault Aircraft (FLRAA) SO-p mission equipment package engineering, integration, and demonstration necessary to support advanced avionics, advanced mission equipment, Radio Frequency Countermeasures (RFCM), Terrain Following/Terrain Avoidance (TF/TA) Sensor, Electro-Optical/Infrared Sensor, Launched Effects (LE) and Degraded Visual Environment (DVE) into the Army single-vendor baseline. Continue Modular Open-System Architecture (MOSA) analysis into a common cockpit with Digital Backbone integrating SO-p mission equipment and initiates software development for select SO-p sensors and weapons. Develop interoperability of MOSA based capabilities to enduring fleet for testing of SO-p mission equipment packages. FY 2025 Plans: Continues FLRAA SO-p mission equipment package engineering, integration, and demonstration necessary to support advanced avionics, advanced mission equipment, RFCM, TF/TA Sensor, Electro-Optical/ IR Sensor, LE and DVE into the Army singlevendor baseline by specifically designing space, weight, and structure provisions as part of the Army baseline design. Continues MOSA analysis into a common cockpit with Digital Backbone integrating SO-p mission equipment and initiates software development for select SOF- p sensors and weapons. Develops interoperability of MOSA based capabilities to enduring fleet for testing of SO-p mission equipment packages. FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.154 million is due to efficiencies from the Army's FLRAA down select to a single vendor. Title: MH-47 Modifications and Upgrades, Program Number 830 0.712 4.155 3.940 Description: This specialized aircraft for these missions must be capable of worldwide rapid deployment and operations in contested or anti-access/area denial (A2/AD) environments in support of Multi-Domain Operations. Develops technologies to improve the performance and safety of the MH-47G and decrease operational costs. Efforts include the Active Parallel Actuator Subsystem (APAS), weight reduction, and performance improvement developments. This program also includes modifications to counter rapidly emerging threats and enhance aircraft self- protection. The MH-47G aircraft is the USSOCOM's only heavy assault

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C		Date: N	larch 2024		
Appropriation/Budget Activity 0400 / 7	Proje D615	ct (Number/N I Rotary Wing			
B. Accomplishments/Planned Programs (\$ in Millions)		ſ	FY 2023	FY 2024	FY 2025
platform and provides long-range, high speed, all weather, and resupply of SO areas that allows the Joint Force to be more agile and responsive to combat m Other than War (MOOTW) as stated in the 2022 National Defense Strategy (N	F teams in hostile, denied, and politically sen issions, Irregular Warfare and Military Operat DS).	sitive ions			
FY 2024 Plans:					
Continue developing technologies, weight reduction, and performance improve counter rapidly emerging threats and enhance aircraft self-protection integratic Avionics Architecture System (CAAS), and continue execution of a configuration Incorporate performance enhancing and weight reduction technologies targeting expanded airspeed and environmental operating envelopes.	ements; includes modifications to systems to on with MH-47G subsystems, such as Commo on study of performance related improvement ng increased payloads, improved fuel econom	on s. ıy, and			
<i>FY 2025 Plans:</i> Continues developing new technologies, weight reduction efforts, and perform. Aircraft Survivability Equipment and weapons systems to counter rapidly emer integration with MH-47G subsystems, such as CAAS. Incorporates performance targeting increased payloads, improved fuel economy and expanded airspeed, include maritime environments.	ance improvements; this includes modification ging threats and enhanced aircraft self-protec ce enhancing and weight reduction technolog , range, and environmental operating envelop	ns to tion es es to			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.215 million was made available to support critical emergent Co	ommand requirements.				
Title: Mission Processor Upgrade (MPU), Program Number 846			5.007	4.774	4.869
<b>Description:</b> This specialized equipment must be capable of worldwide rapid access/area denial (A2/AD) environments in support of Multi-Domain Operation systems engineering/testing, and future aircraft architecture studies that support mission and video processors for all Army Special Operations Aviation (ARSO) processors increases the processing power to support critical functionality and into the aircraft operational flight program. MPU enables the enhancement in princorporate future functionality within the aircraft; this includes replacement of area displays, processors with greater computing power, secured & removable timing devices in Global Positioning System (GPS)-denied environment, further that fuses information on threat, route, weather, terrain, and friendly forces, insprotect the flight crew in hazardous weather, low level conditions, night condition MPU also furnishes the progression to protect aircraft and aircrew from cyber s and prevention capabilities. Tactical Mission Networking (TMN) focuses on the and hardware systems and facilitates advanced radio waveforms and community.	deployment and operations in contested or ar ns. MPU provides for non-recurring engineeri ort replacement and upgrade of the current A) rotary wing aircraft; upgrading all internal emerging technologies that will be integrated processing and memory resources required to ground-based navigation aids, advanced larg e storage, machine learning capabilities, preci or advancement of cognitive decision aiding sy stantaneously adjusting an aircraft's route to ons, and the next generation ARSOA cockpit. Security threats from real-time flight monitoring e technology development of platform software nications equipment to ensure interoperability.	iti- ng, e sion vstem			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Specia	Date:	March 2024					
Appropriation/Budget Activity 0400 / 7	Project (Number/ D615 / Rotary Wir	oject (Number/Name) 315 / Rotary Wing Aviation					
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025			
Upgrading antennas, processors, radios and other enabling communications environment becomes increasingly more complex. The Army intends to upgr will ensure Special Operations Aircraft can adapt and keep pace with both So networking improvements/upgrades. This Special Operations Aviation Mission across the Special Operations Rotary Wing aircraft and ensures the Special provide long-range, high speed, all weather, close air support (CAS), precision (exfil), and resupply of SOF teams in hostile, denied, and politically sensitive and responsive to combat missions, Irregular Warfare and Military Operations National Defense Strategy (NDS).	e equipment will be a persistent requirement as f ade its networks every two years – this funding OF and conventional forces' communications ar on Equipment is a commodities product shared Operations Rotary Wing aircraft are safely able on strike, reconnaissance, infiltration (infil), exfilt areas that allows the Joint Force to be more ag of the than War (MOOTW) as stated in the 20	he nd to ration ile 22					
Beginning in FY 2025 funding for MPU and TMN have been consolidated un execution.	der the MPU funding line to accurately reflect fu	nding					
<i>FY 2024 Plans:</i> Begin avionics and communications upgrades and cybersecurity efforts in su roadmap. Continue development of software and hardware to rapidly incorpor communications, and networking hardware onto ARSOA aircraft.	upport of the next generation cockpit modernizat prate advanced waveforms, advanced	ion					
<i>FY 2025 Plans:</i> Continues avionics, communications upgrades and cybersecurity efforts in seroadmap; includes precision timing devices in Global Positioning System (GF of information on threat, route, weather, terrain, and friendly forces. Continue incorporate advanced waveforms, advanced communications, and ensure in operations.	upport of the next generation cockpit moderniza PS)-denied environment, and enhanced utilizations as development of software and hardware to rap teroperability with ground forces and multi-domain	tion on idly ain					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$0.095 million supports avionics and communications upgrades a generation cockpit modernization roadmap as well as rapid incorporation of a networking hardware onto ARSOA aircraft.	and cybersecurity efforts in support of the next advanced waveforms, advanced communicatior	is, and					
Title: Classified Program(s)		35.606	31.864	21.679			
Description: Details provided under separate cover.							
<b>FY 2024 Plans:</b> Details provided under separate cover.							
FY 2025 Plans:							

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command										rch 2024	
Appropriation/Budget Activity	R-1 Pr	rogram Elen	nent (Numb	Number/Na	Number/Name)						
0400 / 7	viation Syste	ems	D615 <i>I R</i>	otary Wing	Aviation						
B. Accomplishments/Planned Prog	grams (\$ in N	<u>/lillions)</u>						F	Y 2023	FY 2024	FY 2025
Details provided under separate cov	er.										
FY 2024 to FY 2025 Increase/Decre Detail for decrease of \$10.185 million	e <b>ase Statem</b> e n provided un	e <b>nt:</b> Ider separat	e cover.								
				Accon	nplishments	s/Planned P	rograms Su	btotals	57.665	67.311	59.652
C. Other Program Funding Summa	ry (\$ in Milli	<u>ons)</u>									
			<u>FY 2025</u>	<u>FY 2025</u>	<u>FY 2025</u>					Cost To	
Line Item	FY 2023	<u>FY 2024</u>	Base	000	<u>Total</u>	<u>FY 2026</u>	FY 2027	<u>FY 2028</u>	FY 2029	<u>Complete</u>	Total Cost
PROC/0201RWUPGR: Rotary	224.134	261.012	233.977	-	233.977	199.470	206.476	216.050	218.683	Continuing	Continuing
Wing Upgrades and Sustainment											
• 0601MH47: <i>MH-47 Chinook</i>	146.380	149.883	157.413	-	157.413	162.816	131.914	136.982	139.722	Continuing	Continuing
Remarks											

### D. Acquisition Strategy

• A/MH-6 Block 3.0 Upgrade airframe efforts will be a sole-source contract to Boeing, owner of the technical data associated with the performance modification to the A/ MH-6 airframes. The cockpit avionics architecture will be developed by Collins Aerospace. Any new hardware components will be Non Developmental Item/Commercial-Off-The-Shelf (COTS) to the extent possible and will be competitively selected. Airframe modification and integration work will be conducted via Indefinite Delivery Indefinite Quantity contract with Special Operations Forces Support Activity (SOFSA). A/MH-6 Block 3.0 Upgrade is a Major Capability Acquisition (MCA) program.

• MH-60M Modifications and Upgrades supports systems integration and qualification efforts on 72 SOF configured MH-60M helicopters. The Modifications and Upgrades are executed via various acquisition vehicles and include, but are not limited to, government and contractor flight test support, engineering analysis, documentation, and airworthiness substantiation. Airframe modification and integration work will be conducted via a contract with SOFSA. MH-60M Modifications and Upgrades is a MCA program.

• The FVL is the SOF aviation participation in the Joint FVL effort to develop the next generation of vertical takeoff and landing aircraft and establishes the foundation for the transformation of the Department of Defense (DoD) vertical lift aviation capabilities over the next forty years. The USSOCOM is not the Milestone Decision Authority (MDA) for FVL. The Army manages the FLRAA program via the Middle Tier of Acquisition (MTA) through Milestone B, followed by an MCA. The Army manages FARA via MTA until downselect to one platform followed by a MCA.

• MH-47 Modifications and Upgrades will develop technologies to improve performance and safety of the MH-47G and decrease operational costs. Efforts include the APAS, weight reduction, and performance improvement developments. The Modifications and Upgrades are executed via various acquisition vehicles and consist mostly of government and contractor executed integration, testing, and qualification efforts with some analytical engineering services to be completed. Post-production block modifications are accomplished via contract with SOFSA. MH-47 Modifications and Upgrades is a MCA program.

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Spe	ecial Operations Command	Date: March 2024
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)
U40077	PE 1160403BB / Aviation Systems	D6157 Rotary Wing Aviation
<ul> <li>MPU provides for next generation cockpit architecture studies that will h Additionally, it will address near term required upgrades to existing comp while the future cockpit architecture studies will be competitively awarded exploration and solution development that will ensure ARSOA platforms of Networking will ensure ARSOA aircraft can maintain interoperability with communications and networking infrastructure. Non-developmental comr be through existing aircraft modification contracts. MPU is a MCA program</li> </ul>	help define the replacement of current mission and conents. Potential upgrades will be through existin d. Tactical Mission Networking provides for future can communicate through voice and data in a high the SOF and conventional ground forces' plan of munications equipment will be procured through e m.	d video processors for all ARSOA platforms. g Original Equipment Manufacturers (OEM), communications and networking capability nly contested environment. Tactical Mission rapidly and continually updating their xisting DoD contracts. Aircraft integration will

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	2025 Unite	d States	Special C	Operation	is Comma	ind				Date:	March 20	)24	
Appropriation/Budge 0400 / 7		<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0403BB /	ement (N Aviation	nt (Number/Name) ation SystemsProject (Number/Name) D615 I Rotary Wing Aviation										
Product Development (\$ in Millions)				FY 2	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MH-60M Modifications and Upgrades	C/Various	PM TAPO : Ft. Eustis, VA	0.770	2.543	Mar 2023	9.043	Mar 2024	11.026	Mar 2025	-		11.026	Continuing	Continuing	-
Future Vertical Lift (FVL)	C/Various	PM TAPO : Ft. Eustis, VA	16.559	8.512	Apr 2023	9.157	Apr 2024	9.038	Mar 2025	-		9.038	Continuing	Continuing	-
FVL Congressional Add (Cong Add)	C/Various	PM TAPO : Ft. Eustis, VA	7.356	-		-		-		-		-	0.000	7.356	-
MH-47 Modifications and Upgrades	C/Various	PM TAPO : Fort Eustis, VA	59.572	0.712	Nov 2022	4.155	Nov 2023	3.940	Nov 2024	-		3.940	Continuing	Continuing	-
Mission Processor Upgrade (MPU)	C/Various	PM TAPO : Fort Eustis, VA	3.000	5.007	Mar 2023	3.184	Mar 2024	3.247	Mar 2025	-		3.247	Continuing	Continuing	-
Classified Program(s)	C/TBD	TBD : TBD	124.358	28.929		29.108		18.180	Mar 2025	-		18.180	Continuing	Continuing	-
Prior Years Funding	C/Various	PM TAPO : Fort Eustis, VA	58.715	-		-		-		-		-	0.000	58.715	-
		Subtotal	270.330	45.703		54.647		45.431		-		45.431	Continuing	Continuing	N/A
Support (\$ in Million	s)			FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MH-60M Modification and Upgrades	C/Various	PM TAPO : Fort Eustis, VA	1.194	1.170	Mar 2023	1.180	Mar 2024	1.536	Mar 2025	-		1.536	Continuing	Continuing	-
FVL	C/Various	PM TAPO : Fort Eustis, VA	5.866	0.732	Apr 2023	1.146	Apr 2024	1.128	Mar 2025	-		1.128	Continuing	Continuing	-
FVL (Cong Add)	C/Various	PM TAPO : Fort Eustis, VA	0.359	-		-		-		-		-	0.000	0.359	-
		Subtotal	7.419	1.902		2.326		2.664		-		2.664	Continuing	Continuing	N/A
		Subtotal	7.419	1.902		2.326		2.664				2.664	Continuing	Continuing	N/

Exhibit R-3, RDT&E F	Project C	<b>ost Analysis:</b> PB 2	025 Unite	ed States	Special C	Operatior	ns Comma	ind				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	et Activity	1		<b>R-1 Pro</b> PE 116	ogram Ele 0403BB /	ement (N Aviation	umber/Na Systems	ame)							
Test and Evaluation (\$ in Millions)			FY 2023		FY 2024		FY 2025 Base		FY 2	2025 CO	FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
A/MH-6M Block 3.0 Upgrade Operational Test and Evaluation	C/Various	PM TAPO : Fort Eustis, VA	40.023	2.635	Feb 2023	2.940	Feb 2024	2.999	Feb 2025	-		2.999	Continuing	Continuing	-
MH-60M Modification and Upgrades Developmental Test & Evaluation	C/Various	PM TAPO : Fort Eustis, VA	17.776	0.024	Mar 2023	1.432	Mar 2024	1.796	Mar 2025	-		1.796	Continuing	Continuing	-
FVL Developmental Test & Evaluation	C/Various	PM TAPO : Fort Eustis, VA	0.289	-		0.877	Apr 2024	0.864	Mar 2025	-		0.864	Continuing	Continuing	-
Mission Processor Upgrade (MPU) Developmental Test and Evaluation	C/Various	PM TAPO : Fort Eustis, VA	1.590	-		1.590	Apr 2024	1.622	Apr 2025	-		1.622	Continuing	Continuing	-
Classified Program (s)	C/TBD	TBD : TBD	7.119	6.677		2.756		3.499	Mar 2025	-		3.499	Continuing	Continuing	-
Prior Years Funding	C/Various	Various : Various	34.199	-		-		-		-		-	0.000	34.199	-
		Subtotal	100.996	9.336		9.595		10.780		-		10.780	Continuing	Continuing	N/A
Management Service	es (\$ in M	illions)	ſ	FY	2023	FY 2025 FY 2024 Base		2025 Ise	FY 2025 OCO		FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MH-60M Modification and Upgrades	C/Various	PM TAPO : Ft. Eustis, VA	0.253	0.250	Mar 2023	0.255	Mar 2024	0.293	Mar 2025	-		0.293	Continuing	Continuing	-
Future Vertical Lift	C/Various	PM TAPO : Ft. Eustis, VA	0.466	0.474	Feb 2023	0.488	Apr 2024	0.484	Mar 2025	-		0.484	Continuing	Continuing	-
		Subtotal	0.719	0.724		0.743		0.777		-		0.777	Continuing	Continuing	N/A
			Prior Years	FY	2023	FY	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	379.464	57.665		67.311		59.652		-		59.652	Continuing	Continuing	N/A
<u>Remarks</u>															








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#### PE 1160403BB: *Aviation Systems* United States Special Operations Command

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nibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operation	s Command		Date: March 2024			
propriation/Budget Activity     R-1       00 / 7     PE	Program Element (Numbe 1160403BB / Aviation Syste	Project (Number/Name) D615 / Rotary Wing Aviation				
Schedu	le Details					
	St	tart	E	nd		
Events by Sub Project	Quarter	Year	Quarter	Year		
A/MH-6M Block 3.0 and Modifications						
Modifications and Upgrades	1	2023	4	2029		
MH-60M Modifications and Block Upgrades						
Modifications and Upgrades	1	2023	4	2029		
Improved Turbine Engine Program (ITEP)	1	2023	4	2027		
Future Vertical Lift (FVL)						
SOF Future Attack Reconnaissance Aircraft (FARA) Engineering Study	1	2023	2	2024		
SOF Future Long-Range Assault Aircraft (FLRAA) Engineering Study and Pre Activities	-EMD 1	2023	4	2029		
Modular Open Systems Architecture (MOSA)	1	2023	4	2029		
Mission Equipment Package (MEP)	1	2023	4	2029		
MH-47 Program		_ <del>`</del>				
Modifications and Upgrades	1	2023	4	2029		
Active Parallel Actuator Subsystem (APAS) Design, Qualification	1	2023	2	2023		
Mission Processor Upgrade (MPU)		_ <del>`</del>				
Next Generation Cockpit Development and Testing	1	2024	4	2029		
Tactical Mission Networking Upgrades / Next Generation Tactical Communica	tions 1	2023	4	2029		

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command									Date: March 2024			
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development				BA 7:	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB / Intelligence Systems Development							
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	676.393	88.700	86.737	81.648	-	81.648	80.501	81.430	84.114	86.367	Continuing	Continuing
S400: SO Intelligence Systems	676.393	88.700	86.737	81.648	-	81.648	80.501	81.430	84.114	86.367	Continuing	Continuing

### A. Mission Description and Budget Item Justification

This Program Element (PE) is part of the Military Intelligence Program (MIP) that provides for identification, development, rapid prototyping and testing of Special Operations Forces (SOF) intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. The PE addresses: intelligence dissemination; sensor systems; tagging, tracking, and locating devices; integrated threat warning to SOF mission platforms; biometrics and forensic site exploitation; Tactical Exploitation of National Capabilities (TENCAP) system under National Systems Support to SOF (NSSS); space-based payload development; and tactical uncrewed systems. The United States Special Operations Command (USSOCOM) has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems and tactical uncrewed systems continue to provide SOF with the required capabilities. The USSOCOM tactical uncrewed and C4I systems comprise an integrated network of systems providing positive command and control and timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration with the Global Information Grid (GIG). The GIG allows SOF elements to operate with any force combination in multiple environments. This PE received a Congressional Add in FY 2023 for Multi-Mission Tactical Unmanned Aerial Systems (MTUAS) Artificial Intelligence for Small Unit Maneuver (AISUM) (\$15.000 million).

B. Program Change Summary (\$ in Millions)	<u>FY 2023</u>	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 202	<u>5 Total</u>
Previous President's Budget	90.136	86.737	81.282	-		81.282
Current President's Budget	88.700	86.737	81.648	-		81.648
Total Adjustments	-1.436	0.000	0.366	-		0.366
<ul> <li>Congressional General Reductions</li> </ul>	-	-				
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-				
<ul> <li>Congressional Rescissions</li> </ul>	-	-				
Congressional Adds	-	-				
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-				
<ul> <li>Reprogrammings</li> </ul>	-1.436	-				
SBIR/STTR Transfer	-	-				
<ul> <li>Adjustments to Budget Year</li> </ul>	-	-	0.366	-		0.366
Congressional Add Details (\$ in Millions, and Inclue	des General Redu	<u>ictions)</u>		Γ	FY 2023	FY 2024
Project: S400: SO Intelligence Systems						
Congressional Add: MTUAS Artificial Intelligence for	15.000	-				

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spec	cial Operations Command Date	: March 2024	
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB / Intelligence Systems Development		
Congressional Add Details (\$ in Millions, and Includes General Red	ductions)	FY 2023	FY 2024
	Congressional Add Subtotals for Project: S400	15.000	-
	Congressional Add Totals for all Projects	15.000	-
<ul> <li>Change Summary Explanation Funding:</li> <li>FY 2023: Net decrease of -\$1.436 million is due to a decrease in the d Surveillance, and Target Acquisition (TVS/RSTA) program to support U</li> <li>FY 2024: None.</li> <li>FY 2025: Net increase of \$0.366 million is due to a reduction in the pa program a decrease of (\$0.068 million); a decrease in the development and Target Acquisition (TVS/RSTA) program to support Unmanned Su development and integration of advanced technologies for Sensitive Si Intelligence (SIGINT) Processing, Exploitation, Dissemination (PED) Si in developmental test and evaluation for Small Unmanned Systems (SI Reconnaissance (ISR) Capability Sets (EOTACS)] program decrease of enhancements, integration and expanding testing of technologies that a of decrease will be provided under a separate cover (\$2.053 million).</li> </ul>	levelopment of the Special Operations Tactical Video System/Re Jnmanned Surface Vessels (USV) program. yload development and integration in the National Systems Sup t of the Special Operations Tactical Video System/Reconnaissau rface Vessels (USV) program (\$2.111 million); a reduction in the te Exploitation (SSE) (\$0.110 million); a decrease in the level of ilent Dagger (SD) integration of advanced technologies of (\$0.08 UMS) [(includes Expeditionary Organic Tactical Airborne - Intelli of (\$0.531 million); an increase to support Multi-Mission Tactical address National Defense Strategy priorities on MQ-35A-VBAT	econnaissance port to SOF (N nce, Surveillan e level of effort f effort of SOF S 35 million); a re gence, Surveill Unmanned (M (\$2.417 million	s, SSS) ce, for Signals eduction ance, TUAS) ); and details

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command								Date: March 2024				
Appropriation/Budget Activity 0400 / 7			R-1 Program Element (Number/Name)       Project (Number/Name)         PE 1160405BB / Intelligence Systems Devel       S400 / SO Intelligence Systems         opment       S400 / SO Intelligence Systems						<b>ie)</b> Systems			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S400: SO Intelligence Systems	676.393	88.700	86.737	81.648	-	81.648	80.501	81.430	84.114	86.367	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

### A. Mission Description and Budget Item Justification

This project is part of the Military Intelligence Program (MIP). Provides for the identification, development, testing, and rapid prototyping of Special Operations Forces (SOF) intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. Programs address the primary areas of intelligence dissemination, sensor systems, tagging, tracking, and locating devices, integrated threat warning to SOF mission platforms, SO-peculiar (SO-p) support from space systems including Tactical Exploitation of National Capabilities (TENCAP) system under National Systems Support to SOF (NSSS), space-based payload development, and tactical uncrewed systems. The systems developed and tested in this project are NSSS; Special Operations Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA); Integrated Survey Program (ISP); Sensitive Site Exploitation (SSE); SOF Signals Intelligence (SIGINT) Processing, Exploitation, Dissemination (PED) Silent Dagger (SD); Small Unmanned Systems (SUMS) including the Expeditionary Organic Tactical Airborne - Intelligence, Surveillance, Reconnaissance (ISR) Capability Sets (EOTACS) program with other multi-domain robotic acquisitions; and Multi-Mission Tactical Unmanned Aerial Systems (MTUAS). The intelligence programs funded in this project will meet annual emergent requirements.

The United States Special Operations Command (USSOCOM) has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems and tactical uncrewed systems continue to provide SOF with the required capabilities throughout the 21st century. The USSOCOM's tactical uncrewed and C4I systems comprise an integrated network of systems providing positive command and control and timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration with the Global Information Grid (GIG). The GIG allows SOF elements to operate with any force combination in multiple environments.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: National Systems Support to SOF (NSSS)	9.372	9.383	9.315
<b>Description:</b> NSSS provides research and development, and rapid prototyping to support the USSOCOM TENCAP program and supporting capabilities. NSSS improves the combat effectiveness of the USSOCOM, its components, and the Theater Special Operations Commands (TSOC) by providing innovative space-based Intelligence, Surveillance, and Reconnaissance (ISR) technologies and system enhancements, products, and special communications capabilities to tactical SOF units. NSSS leverages current and developmental National, Department of Defense (DoD) and commercial systems to augment, support, and integrate with the USSOCOM systems. Focus areas include Enhanced Situational Awareness (ESA), Tactical Target Acquisition (TTA), Signal Intelligence (SIGINT), Geospatial Intelligence (GEOINT), Special Communications, and intelligence fusion, reporting, and dissemination. NSSS efforts are characterized by rapid prototype development to transition to the USSOCOM Program of Record (PoR) while leveraging existing national, DoD and commercial space-based assets and integration of SO-p			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special (	Date: N	March 2024		
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB / Intelligence Systems Devel opment	Project (Number/ S400 / SO Intellige	Name) ence Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
satellite payloads via integration with the Proliferated Warfighter Space Archite Architecture (NDSA) and aligns with the 2022 National Defense Strategy (NDS	ecture (PWSA) [formally National Defense Spac 5).	e		
<b>FY 2024 Plans:</b> Continue development of SO-p prototype capabilities, leveraging current or de coordinating with the USSOCOM operators and PoR for production and opera areas included the Combined Intelligence Picture-All Source transceiver capabilities and integration of SO-p satellite payloads integration with the PWSA.	eveloping technologies and assets, while tional fielding of successful capabilities. Empha pility that leverages existing national space ass	sis ets		
<b>FY 2025 Plans:</b> Continues development of SO-p capabilities, leveraging current or developing the USSOCOM operators and PoR for production and operational fielding of s integrating SOF into the national overhead and DoD infrastructures and enhand DoD and commercial space assets and includes the integration of SO-p satelli	th al,			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.068 million is due to a reduction in payload development and i	ntegration.			
<i>Title:</i> Special Operations Tactical Video System/Reconnaissance, Surveillanc Number 833	e, and Target Acquisition (TVS/RSTA), Prograr	n 7.284	8.699	6.588
<b>Description:</b> This program provides SOF with critical Special Reconnaissance and execution of SOF missions. This capability allows the SOF warfighter to r analyze, and disseminate information of an adversary's movement, construct, The TVS/RSTA provides Global Combatant Commanders and SOF operators electronically acquire people, things, and activities and provides actionable inte Family of Systems (FoS) consists of interoperable equipment to capture and tr night/reduced visibility, imagery, video, and electronic proximity and movemen organic, global C4I, and commercial communications infrastructures. The TVS Strategy priority of integrated deterrence with a focus on Preparation of the En Unconventional Warfare (UW).	e (SR) equipment that directly supports the plar neet mission requirements to find, fix, finish, ex identification, location, and associated activities with an immediate capability to visually and elligence for SOF planners and Commanders. ransfer near-real-time ground-based, tactical da t sensing, all capable of dissemination through KRSTA directly supports the 2022 National Defi- ivironment (PE), Information Operations (IO) ar	nning ploit, s. The ty/ SOF ense id		
FY 2024 Plans:				

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	Date: March 2024				
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB / Intelligence Systems Devel opment	Project (N S400 / SO	umber/N Intellige	lame) nce Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		FY	2023	FY 2024	FY 2025
Continue planned spiral improvements for the unattended maritime system pay support Naval Special Warfare. Additional projects in the areas of advanced d advanced smart sensors will be pursued and undergo operational testing and e	vloads and command and control capabilities to ata exfil using ground and space techniques an evaluation.	nd			
<i>FY 2025 Plans:</i> Continues advanced data exfil efforts for ground and space systems as well as low light sensors into existing systems. Begins development effort for ground a	continue development, integration and testing nd maritime acoustic sensors.	of			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Decrease of \$2.111 million due to the realignment of funding for unattended matrix from SOTVS to the Small Unmanned Surface Vessel (SUSV) program, PE 116 Decrease amount includes \$0.499 million realigned to O&M, DW, 1PL7 Maintee payload integration efforts.	aritime sensor payloads development and testi 0483BB Maritime Systems, Project S0417. nance SAG for Small Unmanned Surface Vess	ng sel			
Title: Integrated Survey Program (ISP), Program Number 842			0.869	0.908	1.402
<b>Description:</b> This program collects and produces current, detailed, tactical plat threats against U.S. citizens, interests, and property located both domestically tailored packages that provide operational information and intelligence data for the U.S. Department of State to support operational planners for counter-terror missions.	nning data to support military operations to cou and overseas. The ISP products are specifica use by the Department of Defense (DoD) and ism operations, evacuations, and other rescue	inter lly			
<b>FY 2024 Plans:</b> Continue developmental test and evaluation of ISP products to integrate with e and iterative delivery of digital products to meet emerging SOF requirements.	nterprise architecture and support rapid prototy	/ping			
<i>FY 2025 Plans:</i> Continues developmental and test and evaluation of ISP products to include: e computing, and third-party data integration.	nhancing product baseline, prototype mobile				
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.494 million supports product development and developmental te	est and evaluation of products.				
Title: Sensitive Site Exploitation (SSE) Program Number 834			1.955	1.974	1.864
<b>Description:</b> This program provides rapid and focused acquisition for state-of- as a mission enabler for the five operational pillars of Irregular Warfare and sup Disseminate (F3EAD) cycle. Exploitation Analysis Capability (EAC) is a modula laboratory environment utilized for more in-depth exploitation of captured explo	the art forensic Identity Operation capabilities oports Find, Fix, Finish, Exploit, Analyze and ar and scalable SO-peculiar (SO-p) forensic itable material (CEM). Biometrics enable the				

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	C	<b>)ate:</b> №	larch 2024		
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB / Intelligence Systems Devel opment	Project (Nu S400 / SO Ir	mber/N ntellige	lame) nce Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2	023	FY 2024	FY 2025
collection and transmission of unique and measurable human signatures that a DoD authoritative databases. Document and Media Exploitation (DOMEX) is a capability that provides the means to identify, exploit, translate and produce rep immediate tactical value. Forensic exploitation is a scalable, modular and adap to recover, identify, and conduct analysis of chemistry based Collectible Exploit Defense Strategy; CEM sharing with foreign partners and provides intelligence the higher level aims of integrated deterrence.	re then used to verify against or enroll into the scalable, modular, and adaptable multi-discipli ports on documents and electronic media of table multi-disciplined forensic science capabil table Material (CEM). Supports the 2022 Natio to advance regional security goals that implen	ned ity nal nent			
<b>FY 2024 Plans:</b> Continue touchless equipment modernization with smaller form factor and integhandheld biometric devices. Continue touchless equipment innovation for Ope the operator by limiting or preventing exposure to dangerous combustible material.	gration of converging technologies on operator rator handheld chemical detection reducing ris rial while providing real time results.	k to			
<b>FY 2025 Plans:</b> Continues development, test and evaluation of advanced DOMEX capabilities to Uncrewed Multi-Domain Systems (sUMS) and enhanced forensic chemistry can compounds.	to conduct non-destructive exploitation of smal pabilities for point of origin identification of	I			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.110 million is due to a reduction in development and integration	n of advanced technologies.				
Title: SOF Signals Intelligence (SIGINT) Processing, Exploitation, Dissemination	on (PED) Silent Dagger (SD), Program Numbe	r 835	1.120	1.113	1.028
<b>Description:</b> The SOF SIGINT PED SD is a family of products and services pr Joint Task Force level and below through a combination of reachback, forward all Components and TSOCs with capability that interconnects warfighters, sens combatants and/or terrorists, as well as information sharing across the USSOC provides SIGINT exploitation in both garrison and deployed environments in su environments supporting integrated deterrence.	oviding ISR, and analytical capabilities at the support and collaboration. The program suppor sors, and analytic tools to find and fix enemy COM Enterprise and the DoD. The SIGINT PEI pport of multi-domain SOF operations in conte	orts D SD sted			
<b>FY 2024 Plans:</b> Continue development and integration of emerging technologies and capability advanced analytics; User Interface; cloud computing; machine learning; and dis participation in support of outside declared theater of active armed conflict preptechnologies and obtaining operational feedback of upgraded capabilities in de <b>FY 2025 Plans:</b>	enhancements for requirements including: sconnected operations. Continue exercise paration to include integration of advanced velopment.				

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States	Date: March 2024				
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB / Intelligence Systems Devel opment	Project (N S400 / SO	umber/N Intelliger	<b>lame)</b> nce Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		F۱	( 2023	FY 2024	FY 2025
Continues development and integration of emerging technologies inclubandwidth management to handle increased demand for data through security to ensure secure operations in contested areas.	uding edge processing to provide more efficient dataflow put. Initiates development efforts aimed at increasing e	w and dge			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.085 million is due to a reduction in the integration of a	dvanced technologies.				
<i>Title:</i> Small Unmanned Systems (SUMS) [(includes Expeditionary Org Reconnaissance (ISR) Capability Sets (EOTACS)], Program Number	ganic Tactical Airborne - Intelligence, Surveillance, 847		14.338	14.649	14.118
<b>Description:</b> SUMS is categorized by platform domain, range, and en of SOF individuals, teams, and units. SUMS platforms are battery or b launch area, and can operate up to eight hours before having to recha Landing (VTOL) airborne platforms, wheeled, tracked, legged ground and undersea platforms. SUMS payloads and ancillary equipment are	durance in capability sets meeting the ISR requirement pattery-hybrid powered, range up to 30 miles from the arge. SUMS include fixed-wing and Vertical Take-Off and platforms, propeller, sail/water-jet propelled sea-surface e also included.	rs nd e,			
SUMS development is focused on addressing Special Operations For for enduring advantage throughout the spectrum of conflict. SUMS de cognitive load through the integration of computing resources and sen (AI), and machine learning (ML) capabilities in uncrewed systems.	ce's pacing challenge with multi-domain robotic ISR system velopment includes efforts to decrease SOF operator sor payloads to advance autonomy, artificial intelligence	stems e			
<b>FY 2024 Plans:</b> Continue development, test, and integration of AI/ML into multi-domain autonomous navigation and obstacle avoidance, automated target rec (person-on-the-loop) and continuing test, prototyping, and integration equipment.	n SUMS to improve collaborative autonomy, including cognition, and multi-system operations by a single user of multi-domain platforms, ISR payloads, and ancillary				
<b>FY 2025 Plans:</b> Continues development, test, and integration of AI/ML into multi-doma increasing on-board edge computing power and data storage, multi-domission payload prototyping for user evaluation and future production.	in SUMS to improve collaborative autonomy, including omain secure communications between robots, and mu	lti-			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.531 million is due to a reduction in developmental test	and evaluation.				
Title: Multi-Mission Tactical Unmanned Aerial Systems (MTUAS), Pro	gram Number 836		10.935	13.070	15.487

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States S	Special Operations Command	Date: March 2024					
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160405BB <i>I Intelligence Systems Devel</i> opment	Project (N S400 / SC	<b>Number/N</b> Dintelliger	lame) nce Systems			
B. Accomplishments/Planned Programs (\$ in Millions)		F	Y 2023	FY 2024	FY 2025		
<b>Description:</b> The MTUAS are multi-mission tactical uncrewed aircraft for use by Naval Special Warfare units. Group 2 systems are planned 3 systems are comprised of light air vehicles between 55 and 1320 po payloads, peripherals, and SO-peculiar (SO-p) mission kits, payloads,	systems acquired, tested, trained, fielded, and support for divestiture and transitioning to Group 3 systems. Gr unds, modular ground control stations, full motion video modifications and technology improvements.	ed oup o					
<b>FY 2024 Plans:</b> Continue to develop technology insertion for maritime and autonomy a payloads and other SOF assets.	pplications, as well as integration testing with special						
<b>FY 2025 Plans:</b> Continues to develop technology insertion for expanded maritime envelopment to the second	elopes, autonomy applications, environmental protection I payloads and other SOF assets.	n,					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$2.417 million will enhance integration and expand testing BAT.	of technologies that address NDS priorities on MQ-35A	V-					
Title: Classified Program(s)			27.827	36.941	31.846		
Description: Details provided under separate cover.							
<b>FY 2024 Plans:</b> Details provided under separate cover.							
<b>FY 2025 Plans:</b> Details provided under separate cover.							
FY 2024 to FY 2025 Increase/Decrease Statement: Details for decrease of \$5.095 million will be provided under separate	cover.						
	Accomplishments/Planned Programs Subt	otals	73.700	86.737	81.648		
	FY 2023	FY 2024					
Congressional Add: MTUAS Artificial Intelligence for Small Unit Man	euver (AISUM) 15.000	-					
PE 1160405BB: Intelligence Systems Development	UNCLASSIFIED			· · · ·			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command									Date: March 2024		
Appropriation/Budget Activity 0400 / 7			R-1 Pr PE 110 opmer	R-1 Program Element (Number/Name)Project (NPE 1160405BB / Intelligence Systems DevelS400 / SOopmentSo				umber/Na Intelligend	<b>me)</b> e Systems		
							FY 2023	FY 2024	]		
FY 2023 Accomplishments:       Funded the accelerated research, development, test and evaluation and         integration of advanced artificial intelligence and machine learning technologies on V-BAT to provide Naval       Special Warfare with Advance modular capabilities in support of Small Unit Maneuver.         Congressional Adds Subtotals       15.000       -											
C. Other Program Funding Summ	ary (\$ in Millio	ons)					1		-		
Line Item • PROC/020400INTL: Intelligence Systems Remarks	FY 2023 239.662	<u>FY 2024</u> 203.400	<u>FY 2025</u> <u>Base</u> 205.814	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u> 205.814	<u>FY 2026</u> 234.856	<u>FY 2027</u> 254.735	<u>FY 2028</u> 255.778	<u>FY 2029</u> 254.059	Cost To Complete Continuing	Total Cost Continuing

#### D. Acquisition Strategy

• NSSS leverages internal/external contracts, Other Transaction Authorities (OTA) to introduce and integrate national, DoD and commercial capabilities into the SOF force structure and operations. This approach rapidly develops Technology Readiness Level (TRL) 3/4 to TRL 6/7 capabilities for SOF operational deficiencies identified by the National intelligence and SOF communities. By partnering with DoD the Intelligence Community and USSOCOM entities, NSSS incorporates SOF mission requirements into current and developing technologies and assets. This leveraging of funds increases national, DoD and commercial space-based systems awareness, demonstrates the tactical utility of National systems, DoD systems and commercial data, test technologies and evaluates operational concepts and allows for the transition of promising concepts and technologies to other SOF program offices for execution.

• The TVS/RSTA program has been designated a MCA at Milestone C, in accordance with the authority in the Department of Defense (DoD) Directives 5135.02, the guidance in DoD Instruction 5000.85. The purpose of the Major Capabilities Acquisition (MCA) is to acquire sensors, cameras, and data exfil capabilities that provide and utilizes upgraded next- generation technology insertion of commercial off the shelf systems to address the changing threat environment. Commercial and government agency sources will be leveraged for required certifications, system level integration, functional, and operational testing and evaluations. TVS/RSTA directly supports the 2022 National Defense Strategy priority of integrated deterrence with a focus on Preparation of the Environment (PE), Information Operations (IO) and Unconventional Warfare (UW).

• ISP uses a rapid acquisition strategy to facilitate rapid and iterative delivery of digital products to meet emerging SOF requirements. Commercial-off-the-Shelf software and hardware, open and government sources are leveraged for required certifications, system level integration, functional, and operational testing and evaluations.

• SSE is a MCA Category (ACAT) III program that leverages rapid prototyping, test, and evaluation strategy to provide next-generation technologies for collection, processing, exploitation and dissemination capabilities supporting SOF exploitation mission requirements. Commercial and government agency sources are leveraged for required certifications, system level integration, functional, and operational testing and evaluations. SSE directly supports the 2022 NDS through the sharing of

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024										
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)							
0400 / 7	1160405BB / Intelligence Systems Devel S400 / SO Intelligence Systems									
	opment									
Collectible Exploitable material (CEM) with foreign partners provides intelligence to advance regional security goals that implement the higher level aims of integrated										
deterrence										

• SOF SIGINT PED SD is a MCA (ACAT III) program leveraging national services, controlled commercial hardware, and SOF specific capabilities, acquired through internal USSOCOM contracts, external contracts, and partnerships with other government agencies. The program represents SOF equities to Other Government Agencies (OGAs), programs, and national capabilities sponsors to innovate capability for SOF SIGINT PED. The acquisition strategy is a mixture of agency partnerships and government capability providers leveraging open competition with controlled supply chains.

• SUMS, formerly known as EOTACS, utilizes the MCA pathway that leverages evolutionary acquisition solutions to develop, integrate, test, and field SO-p capabilities using multi-domain Commercial Off the Shelf, Government Off the Shelf, and OGA platforms, payloads, and ancillary equipment. Market research identifies advances in performance, including collaborative autonomy effects, Intelligence, Surveillance, Reconnaissance payload performance and modularity, improved ground control station user interface, and collaborative autonomy effects. Additional artificial intelligence/machine learning algorithms, sensors, and computing power are developed, integrated, and tested in SUMS for required SOF-p performance. Commercial and government sources are leveraged for required operation and cybersecurity certifications. Existing indefinite delivery/indefinite quantity contracts are utilized for procurement of systems and equipment.

• MTUAS utilizes the MCA pathway that leverages rapid prototyping and evolutionary acquisition solutions that deliver, integrate, and qualify SO-p uncrewed aircraft systems and modular mission kits (that may include: payloads, air vehicle performance enhancements, training systems, and ground control station upgrades) to continuously strengthen the posture against the dynamic capabilities of strategic competitors and supports strategies for integrated deterrence. These technology insertions will be developed and obtained using available acquisition strategies that include thorough stakeholder analysis to provide well and broadly defined capabilities. Contracting methods depend on the type of development effort. Competitive source selection will be conducted as much as possible but may also leverage Other Transactional Authorities (OTAs) when sensible. Proprietary considerations may direct some effort to the original equipment manufacturer on a sole source basis.

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	Special C	sial Operations Command							Date: March 2024				
Appropriation/Budge 0400 / 7	opropriation/Budget Activity 00 / 7							ement (N Intelliger	lumber/Na nce Syster	<b>ame)</b> ms Devel	Project S400 / S	ct (Number/Name) I SO Intelligence Systems			
Product Developmen	nt (\$ in Mi	illions)		FY	2023	FY 2	2024	FY 2 Ba	2025 ise	FY 2 OC	025 O	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
National Systems Support to SOF (NSSS)	MIPR	Various : Various	49.122	9.372	Feb 2023	-		-		-		-	0.000	58.494	-
NSSS Enhanced Situational Awareness (ESA) Increment 1	MIPR	Various : Various	-	-		4.277	Dec 2023	1.700	Dec 2024	-		1.700	Continuing	Continuing	-
NSSS Tactical Target Acquisition (TTA)	MIPR	Various : Various	-	-		0.472	Jan 2024	1.021	Dec 2024	-		1.021	Continuing	Continuing	-
NSSS Signals Intelligence (SIGINT)	MIPR	Various : Various	-	-		0.874	Jan 2024	1.520	Dec 2024	-		1.520	Continuing	Continuing	-
NSSS Geospatial Intelligence (GEOINT)	MIPR	Various : Various	-	-		0.200	Dec 2023	1.600	Dec 2024	-		1.600	Continuing	Continuing	-
NSSS Payload Development/ Integration	MIPR	Various : Various	-	-		2.900	Feb 2024	2.814	Feb 2025	-		2.814	Continuing	Continuing	-
Tactical Video System/ Reconnaissance, Surveillance, & Target Acquisition (TVS/RSTA) Hardware Product Development	C/CPFF	Various : Various	4.727	7.240	Mar 2023	7.248	May 2024	-		-		-	-	-	-
TVS/RSTA Data Exfil Space	MIPR	Department of Energy, Sandia National Labs : Alburquerque, NM	-	-		-		2.700	Dec 2025	-		2.700	Continuing	Continuing	-
TVS/RSTA Data Exfil Ground	C/FFP	Various : Various	-	-		-		1.500	Dec 2025	-		1.500	Continuing	Continuing	-
TVS/RSTA Advanced Sensors - Low Light Integration	C/FFP	TBD : TBD	-	-		-		1.028	Jan 2025	-		1.028	Continuing	Continuing	-
TVS/RSTA Advanced Sensor Acoustic	C/FFP	TBD : TBD	-	-		-		1.060	Jun 2025	-		1.060	Continuing	Continuing	-
Integrated Survey Program (ISP) - Development	C/FFP	Various : Various	4.266	0.869	Jan 2023	0.800	Jan 2024	0.561	Jan 2025	-		0.561	Continuing	Continuing	-

Exhibit R-3, RDT&E P	Special C	Operation	is Comma	ind				Date:	March 20	)24					
Appropriation/Budge 0400 / 7	opropriation/Budget Activity 00 / 7							ement (N Intelliger	umber/Nance System	<b>ame)</b> ms Devel	Project (Number/Name) Sel S400 / SO Intelligence Systems				
Product Developmen	nt (\$ in M	illions)		FY 2	2023	FY 2024		FY 2 Ba	2025 Ise	FY 2 OC	025 O	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Sensitive Site Exploitation (SSE) Development Rapid Innovative Prototyping	C/FFP	DEFENSEWERX, INC : Niceville, FL	-	1.463	Jan 2023	1.527	Jan 2024	1.394	Jan 2025	-		1.394	Continuing	Continuing	-
SOF Signals Intelligence (SIGINT), Processing, Exploitation, Dissemination (PED), Silent Dagger (SD) Technology Enhancements/Integration	C/FFP	United States Cyber Command (USCYBERCOM) : Fort George G. Meade, MD	0.565	1.120	Apr 2023	1.113	Apr 2024	1.028	Mar 2025	-		1.028	Continuing	Continuing	-
Small Unmanned Systems (SUMS) Product Development	MIPR	Defense Innovation Unit (DIU) : Various	-	6.731	Nov 2022	7.000	Dec 2023	3.500	Dec 2024	-		3.500	Continuing	Continuing	-
SUMS Product Development	MIPR	SOFWERX : Various	-	1.602	Mar 2023	2.000	Jan 2024	2.000	Dec 2024	-		2.000	Continuing	Continuing	-
SUMS Product Development	MIPR	National Laboratories : Various	-	0.883	Jul 2023	2.000	Jan 2024	2.000	Dec 2024	-		2.000	Continuing	Continuing	-
Multi-Mission Tactical Unmanned Aerial System (MTUAS) Platform Development/ Prototyping	MIPR	Various : Various	-	1.327	Dec 2022	3.119	Nov 2023	3.696	Dec 2024	-		3.696	Continuing	Continuing	-
MTUAS: Technology Insertion: Communication Navigation, Propulsion, Structures, Autonomy, and Cyber	MIPR	Various : Various	-	-		5.619	Nov 2023	6.658	Mar 2025	-		6.658	Continuing	Continuing	-
MTUAS for Artificial Intelligence for Small Unit Maneuver (AISUM) Autonomy Development Congressional Add	MIPR	Naval Air Warfare Center Aircraft Division : Patuxent River, MD	_	5.675	Jul 2023	-		-		-		-	0.000	5.675	-
MTUAS for AISUM Autonomy Development Congressional Add	MIPR	Defense Logistics Agency Troop Support : Philadelphia, PA	-	7.000	Jul 2023	-		-		-		-	0.000	7.000	-

Appropriation/Budget Activity         Project Number/Name)         Project Number/Name)         Sold / Sol / So	Exhibit R-3, RDT&E	Special C	Operation	is Comma	and				Date:	March 20	)24					
Product Development (\$ in Millions)       Product Development (\$ in Millions) <t< th=""><th>Appropriation/Budge 0400 / 7</th><th colspan="6">opropriation/Budget Activity 00 / 7</th><th>ogram Ele 0405BB /</th><th>ement (N Intelliger</th><th>lumber/Nance System</th><th><b>ame)</b> ms Devel</th><th>Project S400 / S</th><th>(Number SO Intellig</th><th>r/<b>Name)</b> gence Sys</th><th>stems</th><th></th></t<>	Appropriation/Budge 0400 / 7	opropriation/Budget Activity 00 / 7						ogram Ele 0405BB /	ement (N Intelliger	lumber/Nance System	<b>ame)</b> ms Devel	Project S400 / S	(Number SO Intellig	r/ <b>Name)</b> gence Sys	stems	
Contract Cost Category ItemControl 8 TypePerforming YearsPrior YearsCost DateAward DateCost CostAward DateAward CostAward DateAward CostAward DateCost CompleteTotal CostTage Value of CostConsidied ProgramsTBDTBD: TBD103.66425.460 $30.902$ $26.433$ $\sim$ $\sim$ $26.433$ $\sim$	Product Developmer	nt (\$ in M	illions)		FY 2	2023	FY 2024		FY 2 Ba	2025 ase	FY 2 O(	2025 CO	FY 2025 Total			
Classified ProgramsTEDTEDTED103 66425.469 $30 902$ $26.433$ $(-)$ $(-)$ $(-)$ $26.433$ $(-)$ </th <th>Cost Category Item</th> <th>Contract Method &amp; Type</th> <th>Performing Activity &amp; Location</th> <th>Prior Years</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th>	Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Classified Programs	TBD	TBD : TBD	103.664	25.469		30.902		26.433		-		26.433	Continuing	Continuing	-
Piror Year Funding - Congressional AddVarious : Various4.200 <t< td=""><td>Prior Year Funding - Completed Efforts</td><td>Various</td><td>Various : Various</td><td>178.923</td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td>0.000</td><td>178.923</td><td>-</td></t<>	Prior Year Funding - Completed Efforts	Various	Various : Various	178.923	-		-		-		-		-	0.000	178.923	-
Subtotal345.46768.75170.05162.213 $-$ 62.213ContinuingContinuingN/ASupport (\$ in MillionsSupport (\$ in Millions)FY 2023FY 2025FY 2025FY 2025ContinuingContinuingN/ASupport (\$ in Millions)FY 2025FY 2025FY 2025FY 2025Continuing <th< td=""><td>Prior Year Funding - Congressional Add</td><td>Various</td><td>Various : Various</td><td>4.200</td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td>0.000</td><td>4.200</td><td>-</td></th<>	Prior Year Funding - Congressional Add	Various	Various : Various	4.200	-		-		-		-		-	0.000	4.200	-
Support (\$ in Million:       Strate       FY 2021       FY 2021       FY 2021       FY 2025       FY 2025 <th< td=""><td></td><td></td><td>Subtotal</td><td>345.467</td><td>68.751</td><td></td><td>70.051</td><td></td><td>62.213</td><td></td><td>-</td><td></td><td>62.213</td><td>Continuing</td><td>Continuing</td><td>N/A</td></th<>			Subtotal	345.467	68.751		70.051		62.213		-		62.213	Continuing	Continuing	N/A
Image: Contract Series in the series of th	Support (\$ in Million	s)			FY 2	2023	FY 2	2024	FY 2 Ba	2025 ase	FY 2 OC	2025 CO	FY 2025 Total			
NSSS - SupportVarious	Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Small Unmanned Systems (SUMS) Program SupportMIPRNaval Air Warfare Center Aircraft Division Flight Support Team : Patuxent River, MD	NSSS - Support	Various	Various : Various	-	-		0.660	Aug 2024	0.660	Aug 2025	-		0.660	Continuing	Continuing	-
MTUAS Subject Matter Experts, Test & Evaluation Management, Safety/ Certifications, Ranges, and Test Equipment & FacilitiesVarious : VariousLastLastNov 2022A.3.05Nov 2023A.3.632Nov 2024LastLastLastLastContinuingC	Small Unmanned Systems (SUMS) Program Support	MIPR	Naval Air Warfare Center Aircraft Division Flight Support Team : Patuxent River, MD	-	-		0.250	Dec 2023	2.000	Dec 2024	-		2.000	Continuing	Continuing	-
MTUAS for AISUM Autonomy Engineering Project Management, Flight Team, Logistics Congressional AddNaval Air Warfare Center Aircraft Division Flight Support Team : Patuxent River, MDNo.25Jul 2023 </td <td>MTUAS Subject Matter Experts, Test &amp; Evaluation Management, Safety/ Certifications, Ranges, and Test Equipment &amp; Facilities</td> <td>Various</td> <td>Various : Various</td> <td>-</td> <td>3.154</td> <td>Nov 2022</td> <td>3.065</td> <td>Nov 2023</td> <td>3.632</td> <td>Nov 2024</td> <td>-</td> <td></td> <td>3.632</td> <td>Continuing</td> <td>Continuing</td> <td>-</td>	MTUAS Subject Matter Experts, Test & Evaluation Management, Safety/ Certifications, Ranges, and Test Equipment & Facilities	Various	Various : Various	-	3.154	Nov 2022	3.065	Nov 2023	3.632	Nov 2024	-		3.632	Continuing	Continuing	-
Classified Programs         TBD         TBD: TBD         65.723         1.001         3.067         3.050         -         3.050         Continuing         Continuing </td <td>MTUAS for AISUM Autonomy Engineering Project Management, Flight Team, Logistics Congressional Add</td> <td>MIPR</td> <td>Naval Air Warfare Center Aircraft Division Flight Support Team : Patuxent River, MD</td> <td>-</td> <td>0.325</td> <td>Jul 2023</td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td>0.000</td> <td>0.325</td> <td>-</td>	MTUAS for AISUM Autonomy Engineering Project Management, Flight Team, Logistics Congressional Add	MIPR	Naval Air Warfare Center Aircraft Division Flight Support Team : Patuxent River, MD	-	0.325	Jul 2023	-		-		-		-	0.000	0.325	-
Prior Year Funding - Completed Efforts         Various         Various         163.301         -         -         -         -         0.000         163.301         -           Completed Efforts         Various : Various         163.301         -         -         0.000         163.301         -           Completed Efforts         Subtotal         229.024         4.480         7.042         9.342         -         9.342         Continuing         Continuing         N/A	Classified Programs	TBD	TBD : TBD	65.723	1.001		3.067		3.050		-		3.050	Continuing	Continuing	-
Subtotal         229.024         4.480         7.042         9.342         -         9.342         Continuing         Ontinuing         N/A	Prior Year Funding - Completed Efforts	Various	Various : Various	163.301	-		-		-		-		-	0.000	163.301	-
		Subtotal         229.024         4.					7.042		9.342		-		9.342	Continuing	Continuing	N/A

Exhibit R-3, RDT&E F	Special C	Operation	is Comma	ind				Date:	March 20	)24					
Appropriation/Budge 0400 / 7	opropriation/Budget Activity 00 / 7							ement (N Intelliger	umber/Na ace Syster	<b>ame)</b> ms Devel	Project (Number/Name) vel S400 / SO Intelligence Systems				
Test and Evaluation (	(\$ in Milli	ions)	ſ	FY 2	2023	FY 2024		FY 2 Ba	2025 Ise	FY 2 OC	025 :O	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TVS/RSTA - User Assessments Operational Test and Evaluation	MIPR	Joint Interoperability Test Command : FT Huachuca, AZ	7.836	0.044	Mar 2023	1.451	Feb 2024	0.300	Mar 2025	-		0.300	Continuing	Continuing	-
ISP - Developmental Test and Evalution	C/CPFF	Various : Various	0.049	0.062	Jan 2023	0.108	Jan 2024	0.841	Jan 2025	-		0.841	Continuing	Continuing	-
SSE Integrated Operational Test & Evaluation (New Technologies)	MIPR	Various : Various	9.208	0.492	Jan 2023	0.447	Jan 2024	0.470	Jan 2025	-		0.470	Continuing	Continuing	-
Small Unmanned Systems (SUMS) Test & Evaluation	MIPR	John-Hopkins University Affiliated Research Center (UARC) : Laurel, MD	-	2.950	Jul 2023	2.000	Feb 2024	2.000	Feb 2025	-		2.000	Continuing	Continuing	-
Small Unmanned Systems (SUMS) Developmental Test and Evaluation	MIPR	Various : Various	-	2.110	Jun 2023	1.000	Apr 2024	2.518	Feb 2025	-		2.518	Continuing	Continuing	-
Small Unmanned Systems (SUMS) Operational Test and Evaluation	MIPR	Various : Various	-	-		0.399	Apr 2024	0.100	Feb 2025	-		0.100	Continuing	Continuing	-
MTUAS Developmental Test and Evaluation	Various	Various : Various	-	6.454	Nov 2022	-		-		-		-	0.000	6.454	-
MTUAS - Developmental Test and Evaluation: Improvements & Modification Contractor Test/ Engineering Investigations (Els)	MIPR	Various : Various	-	-		0.634	Nov 2023	0.751	Nov 2024	-		0.751	Continuing	Continuing	-
MTUAS - Operational Test and Evaluation: Modifications Test and Improvements	MIPR	Various : Various	-	-		0.633	Nov 2023	0.750	Nov 2024	-		0.750	Continuing	Continuing	-
MTUAS for AISUM Developmental Test and Evaluation for Advanced	MIPR	Naval Sea Systems Command : John Hopkins University, MD	-	1.500	Jul 2023	-		-		-		-	0.000	1.500	-

Exhibit R-3, RDT&E F	Project Co	ost Analysis: PB 2	2025 Unite	ed States	Special C	Operation	s Comma	and				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	t Activity	1				R-1 Pro PE 1160 opment	<b>gram Ele</b> 0405BB /	ement (N Intelligen	umber/N ce Syste	<b>ame)</b> ms Devel	Project S400 / S	(Numbe SO Intellig	Number/Name) O Intelligence Systems		
Test and Evaluation (	(\$ in Milli	ons)	ſ	FY 2	2023	FY 2024		FY 2025 Base		5 FY 2 OC		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Award Cost Date		Cost	Award Date Cost		Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Sensors Congressional Add															
MTUAS for AISUM Developmental Test and Evaluation for Various Ranges Congressional Add	MIPR	Various : Various	-	0.500	Aug 2023	-		-		-		-	0.000	0.500	-
Classified Programs	TBD	TBD : TBD	26.211	1.357		2.972		2.363		-		2.363	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	55.798	-		-		-		-		-	0.000	55.798	-
Prior Year Funding - Congressional Add	Various	Various : Various	2.800	-		-		-		-		-	0.000	2.800	-
Subtotal 101.902 15.469						9.644		10.093		-		10.093	Continuing	Continuing	N/A

#### Remarks

TV/RSTA: Decrease of \$1.151 million is due to User Assessment Operational Test and Evaluation reflects the completion of phase 1 testing for the first-generation space-based exfil payload and the realignment of the unmanned maritime sensors to unmanned surface vessels.

	Prior Years	FY 2023	FY 2024	FY 2025 4 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Tota	<b>Is</b> 676.393	88.700	86.737	81.648	-	81.648	Continuing	Continuing	I N/A

**Remarks** 



	R-1 Progra	am Element (N	umber/Name)	Project (Nu	mbor/Nomo)					
PE 1160405BB / Intelligence Systems Devel S400 / SO Intelligence Systems opment										
ation sance VS/R	is Ta e, Sι STA	ictica Irveill ) Sch	l Vide ance, edule	o Sys and	stem / Targe	et				
FY23	FY24	FY25	FY26	FY27	FY28	FY29				
$\Delta$										
	÷	$\Rightarrow$	$\begin{array}{c} \diamond \blacktriangle \\ \bullet & \bullet \\ \bullet$							
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		ations Ta sance, Su VS/RSTA	ations Tactica sance, Surveill VS/RSTA) Sch	ations Tactical Vide sance, Surveillance, VS/RSTA) Schedule	ations Tactical Video Syssance, Surveillance, and VS/RSTA) Schedule	ations Tactical Video System / sance, Surveillance, and Targe VS/RSTA) Schedule				







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#### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity PE 1160405BB / Intelligence Systems Devel S400 / SO Intelligence Systems 0400/7 opment Small Unmanned Systems (SUMS) Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 Activity 1 2 3 4 2 3 4 2 3 4 2 3 4 2 3 4 2 3 4 2 3 4 1 1 1 1 1 1 ne Now RDTE: Product Development (Collaborative Autonomy) Support (Multi-Domain Test/Support) Test & Evaluation (Payload integration) PROC: Small Uncrewed Air Systems (SUAS) Awards Small Uncrewed Air Systems (SUAS) Deliveries Small Uncrewed Ground Systems (SUGS) Awards Small Uncrewed Ground Systems (SUGS) Deliveries Small Uncrewed Sea-Surface Systems (SUSS) Small Uncrewed Under Sea-Surface Systems (SUUS) O&M: SOFSA Sustainment Fielding / Deployment Support Refurb / Sparing Life-cycle Replacement 🛕 FOC 🛕 Milestone 🗳 Article Award Article Delivery RDT&E Procurement 🛛 🖂 O&M Previously Reported



#### UNCLASSIFIED Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity 0400/7 PE 1160405BB / Intelligence Systems Devel S400 / SO Intelligence Systems opment Small Unmanned Systems (SUMS) Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 Activity 1 2 3 4 1 2 3 4 2 3 4 1 2 3 4 2 3 2 3 4 2 3 1 1 4 1 1 Tim RDTE: Test & Evaluation (Payload integration) Product Development (Collaborative Autonomy) Support (Multi-Domain Test/Support) PROC: Small Uncrewed Air Systems (SUAS) Awards Small Uncrewed Air Systems (SUAS) Deliveries Small Uncrewed Ground Systems (SUGS) Awards Small Uncrewed Ground Systems (SUGS) Deliveries Small Uncrewed Sea-Surface Systems (SUSS) Small Uncrewed Under Sea-Surface Systems (SUUS) O&M: SOFSA Sustainment Fielding / Deployment Support Refurb / Sparing Life-cycle Replacement 🛕 FOC 🛕 Milestone 🗳 Article Award Article Delivery RDT&E Procurement 🛛 🖂 O&M Previously Reported

hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operation	s Command		Date: N	larch 2024	
propriation/Budget Activity     R-1       0 / 7     PE       opm     opm	Program Element (Number 1160405BB / Intelligence System tent	Project (Number/I S400 / SO Intellige	: (Number/Name) SO Intelligence Systems		
Schedu	le Details				
	Sta	art		End	
Events by Sub Project	Quarter	Year	Quarter	Year	
National Systems Support to SOF (NSSS)					
Enhanced Situational Awareness (ESA)	1	2023	4	2029	
Tactical Target Acquisition (TTA)	1	2023	4	2029	
Signals Intelligence (SIGINT)	1	2023	4	2029	
Geospatial Intelligence (GEOINT)	1	2024	4	2029	
Payload Development / Integration	1	2023	4	2029	
Special Operations Tactical Video System/Reconnaissance, Surveillance, Target Acquisition (TVS/RSTA)	and				
Product Development	1	2023	4	2029	
User Assessments	1	2023	4	2029	
Integrated Survey Program (ISP)			·		
Product Development	1	2023	4	2029	
Developmental Test and Evaluation	1	2023	4	2029	
Sensitive Site and Exploitation (SSE)					
Test and Evaluation - IOT&E Technical evaluation of new technologies	1	2023	4	2029	
Product Development - Rapid Innovative Prototyping	1	2023	4	2029	
SOF Signals Intelligence (SIGINT), Processing, Exploitation, Disseminatio Silent Dagger (SD)	n (PED)				
Technology Enhancements/Integration and Test	1	2023	4	2029	
Small Unmanned Systems (SUMS) (includes Expeditionary Organic Tactic Airborne - Intelligence, Surveillance, Reconnaissance (ISR) Capability Set (EOTACS)	al s		,		
Small Unmanned Systems (SUMS) Test & Evaluation	1	2023	4	2029	

it R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command										
R-1 Program PE 1160405BE opment	Element (Number 3 / Intelligence Sys	r/Name) stems Devel	Project (N S400 / SO	ie) Systems						
	Sta	art		En	nd					
	Quarter	Year	Q	uarter	Year					
	1	2023		4	2029					
	1	2023		4	2029					
	1	2025		4	2027					
	1	2023		4	2029					
	1	2023		4	2029					
	1	2023		4	2029					
	Al Operations Comman R-1 Program PE 1160405BB opment	Al Operations Command          R-1 Program Element (Numbe         PE 1160405BB / Intelligence Sy- opment         Sta         Quarter         1	R-1 Program Element (Number/Name)         PE 1160405BB / Intelligence Systems Devel opment         Start         Quarter       Year         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023         1       2023	AI Operations Command         R-1 Program Element (Number/Name) PE 1160405BB / Intelligence Systems Devel opment       Project (Na S400 / SO         Start         Quarter       Year       Q         1       2023       2023         1       2023       1         1       2023       1         1       2023       1         1       2023       1         1       2023       1         1       2023       1         1       2023       1         1       2023       1	Al Operations CommandDate: MarceR-1 Program Element (Number/Name) PE 1160405BB / Intelligence Systems Devel opmentProject (Number/Name S400 / SO IntelligenceVStartErQuarterYearQuarter120234120234120234120234120234120234120234120234120234120234120234120234120234120234					

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Exhibit R-2, RDT&E Budget Iten	n Justificat	ion: PB 202	25 United St	tates Speci	al Operation	ns Commar	d			Date: Mar	ch 2024	
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Developmen	est & Evalua nt	ation, Defen	se-Wide I B	A 7:	<b>R-1 Progr</b> a PE 116040	a <b>m Elemen</b> 18BB / Oper	<b>t (Number</b> / rational Enh	Name) ancements				
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	2,038.690	160.274	216.135	206.307	-	206.307	182.070	164.148	168.689	168.569	Continuing	Continuing
S500A: Operational Enhancements	2,038.690	160.274	216.135	206.307	-	206.307	182.070	164.148	168.689	168.569	Continuing	Continuing
A. Mission Description and Buc Details are provided under separ FY 2023 includes \$10.554 millior \$2.066 million for the OOC Budg	<b>lget Item J</b> rate cover. n in Oversea et Estimate	ustification as Operation	ns Costs (O	OC) Actual	s. FY 2024	includes \$4	.417 million	for the OO	C Budget E	stimate. FY	2025 incluc	les
B. Program Change Summary (	\$ in Million	<u>s)</u>		FY 2023	<u>FY 202</u>	<u>24 F</u>	Y 2025 Ba	<u>se</u>	FY 2025 O	<u>00</u>	FY 2025 To	otal
Previous President's Budg	get			184.260	216.13	35	217.62	25		-	217.6	625
Current President's Budge	et			160.274	216.13	85	206.3	)7		-	206.3	307
Total Adjustments				-23.986	0.00	00	-11.3	18		-	-11.3	318
Congressional G	General Red	luctions		-		-						
Congressional D	Directed Rec	ductions		-		-						
Congressional F	Rescissions			-		-						
Congressional A	Ndds			-		-						
Congressional D	Directed Tra	nsfers		-		-						
Reprogramming	S			-17.261		-						
SBIR/STTR Trai	nsfer			-6.725		-						
<ul> <li>Adjustments to E</li> </ul>	Budget Yea	r		-		-	-11.3	18		-	-11.3	318
<u>Change Summary Expla</u> Funding:	nation											
FY 2023: Decrease of \$2	3.986 millio	n will be pro	ovided unde	r separate	cover.							
FY 2024: None.												
FY 2025: Decrease of \$1 Overseas Operations Cos those financed with forme	1.318 millio sts (OOC) fu r Overseas	n will be pro inds this rec Contingenc	ovided unde quirement in by Operation	r separate the amour s (OCO) fu	cover. ht of \$2.066 inding. Deta	million for F ils provided	Y 2025 Bud under sepa	lget Estima arate cover.	te. Oversea	as Operation	ns Costs (O	OC) are

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Exhibit R-2, RDT&E Budget Item	n Justificat	ion: PB 202	25 United S	tates Speci	al Operatior	ns Comman	d			Date: Mare	ch 2024				
Appropriation/Budget Activity 0400: Research, Development, Te Operational Systems Development	Opropriation/Budget Activity           00: Research, Development, Test & Evaluation, Defense-Wide I BA 7:           perational Systems Development           Prior					R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems									
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost			
Total Program Element	558.548	151.860	263.374	245.882	-	245.882	229.018	244.286	240.902	245.801	Continuing	Continuing			
D476: Military Information Support Operations	62.117	4.304	3.500	4.234	-	4.234	4.319	4.405	4.492	4.581	Continuing	Continuing			
S375: Weapons Systems	10.654	1.462	1.592	1.506	-	1.506	1.527	1.558	1.589	1.621	Continuing	Continuing			
S385: Soldier Protection and Survival Systems	97.167	28.520	27.283	31.607	-	31.607	28.454	28.658	29.083	29.732	Continuing	Continuing			
S385A: Body Armor and Associated Equipment	12.892	1.626	1.773	1.674	-	1.674	1.697	1.732	1.766	1.801	Continuing	Continuing			
S395: Visual Augmentation, Lasers and Sensor Systems	23.768	4.808	5.152	4.824	-	4.824	4.834	4.930	5.028	5.130	Continuing	Continuing			
S700: Communications Equipment and Electronics Systems	107.257	45.840	92.602	87.257	-	87.257	79.895	92.131	88.011	89.780	Continuing	Continuing			
S710: Tactical Systems Development	26.604	21.872	58.821	52.497	-	52.497	47.628	49.784	53.891	54.969	Continuing	Continuing			
S725: Tactical Radio Systems	62.809	10.555	17.789	37.643	-	37.643	33.688	21.785	20.333	19.826	Continuing	Continuing			
S800: <i>Munitions Advanced</i> <i>Development</i>	155.280	32.873	54.862	24.640	-	24.640	26.976	39.303	36.709	38.361	Continuing	Continuing			

#### A. Mission Description and Budget Item Justification

This Program Element (PE) provides for the development, rapid prototyping, testing, and integration of specialized equipment in the areas of military information support operations (MISO), weapons, soldier protection and survival, body armor and associated equipment, visual augmentation, lasers, sensors and simulators, communication equipment and electronics, tactical systems development, tactical radio systems, and munitions advanced development. Warrior Systems specialized equipment will permit small, highly trained forces to conduct required operations across the entire spectrum of conflict. Special Operation Forces (SOF) must infiltrate by land, sea, and air to conduct unconventional warfare, direct action, or deep reconnaissance operations in denied areas against insurgent units, terrorists, or highly sophisticated threat forces. The requirement to operate in denied areas controlled by a sophisticated threat mandates that SOF systems remain technologically superior to threat forces to ensure mission success. The efforts within this PE improve SOF warfighting capabilities by continuing efforts to develop smaller, lighter, more efficient and more robust capabilities and build an enduring advantage in support of the 2022 National Defense Strategy (NDS). The SOF mission mandates that SOF systems remain technologically superior to any threat to provide a maximum degree of survivability while, generally, being conducted in harsh environments for unspecified periods and in locations requiring small unit autonomy.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command		Date: March 2024
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	

FY 2023 includes \$4.128 million in Overseas Operations Costs (OOC) Actuals. FY 2024 includes \$12.897 million in the OOC Budget Request. FY 2025 includes \$13.097 million for the OOC Budget Estimate. OOC were financed previously with former Overseas Contingency Operations (OCO) funding.

### D476 MISO:

This project funds the development, test, and integration of systems to conduct the seven phase MISO process (planning, targeting audience analysis, series development, product development and design, approval, production/distribution/dissemination, and measures of effectiveness) in support of combatant commanders. MISO efforts convey selected information and indicators to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately the behavior of foreign governments, organizations, groups, and individuals.

The Fly Away Broadcast System (FABS) program has been re-designated as a Major Capability Acquisition Program (ACAT III) in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85. The purpose of the Fly Away Broadcast System (FABS) is a third-generation radio, television, and cellular broadcast Family of Systems (FoS) that that uses Government and industry standard technology to disseminate influence products to foreign target audiences using a wide range of frequencies and spectrums: AM, FM, SW, TV VHF, TV, UHF (in digital/analog formats), and cellular MMS/SMS broadcasts. This capability serves to deter adversarial aggression and counters social/political propaganda that threaten U.S vital interests in support of the National Defense Strategy. The Next Generation FABS is the Broadcast Dissemination Platform (BDP) which integrates additional capabilities to enhance MISO broadcast, reduces Size, Weight, and Power (SWAP), and consists of three variants (Light/Medium/Heavy).

The Next Generation Loud Speaker (NGLS) program has been re-designated as a Major Capability Acquisition Program (ACAT III) in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85 along with the Acquisition Executive Memorandum for PEO TIS, dated 08 December 2023. The purpose of the NGLS program to develop systems demonstrating NGLS Dismounted (D), Mounted (M), Scatterable Media (SM), Sonic Projection (SP), Unmanned Ground Vehicle (UGV), and Unmanned Aerial Vehicle (UAV) capabilities. The program has an evolutionary acquisition strategy for thee legacy NGLS-D and an incremental acquisition strategy for developmental variants NGLS-M and NGLS-SP, government agencies and commercial sources are leveraged for required certifications, functional and operational tests, and sustainment.

The total cost of the Media Production Center (MPC) MTA effort is \$8.299 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The MPC program is fully funded across the FYDP.

### S375 Weapons Systems:

This project provides for next generation system development and Pre-Planned Product Improvements (P3I), testing, and integration of specialized weapon systems and weapon accessories to meet the unique requirements of SOF. Efforts include muzzle brakes and suppressors, and P3I for assault, sniper, and crew served weapons leveraging the latest technological advances to achieve overmatch capability against emerging threats.

The total cost of the Weapons/Target Engagement MTA effort is \$78.490 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The Weapons/Target Engagement effort is fully funded across the FYDP.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command		Date: March 2024	
<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I</i> BA 7: <i>Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	·	
S385 Soldier Protection and Survival Systems: This project funds the development, testing, integration, rapid prototyping and evaluation of specialized equipment to meet the unique soldier protection and survival requirements of SOF, including: individual survival equipment; hearing protection; clothing systems; load bearing equipment; Multi-Mission Electronic Countermeasures (MM-ECM) systems; Counter Uncrewed Systems (CUxS) (aerial, ground and maritime); and personal safety equipment to improve the mobility of SOF, while conducting varied missions. These missions are generally conducted in harsh and hostile environments, for unspecified periods and in locations requiring small unit autonomy. Efforts relating to soldier protection and survival requirements will improve survivability and mobility of SOF while conducting varied missions. The CUxS efforts rely on cutting edge detection sensors, both passive and active, paired with kinetic and non-kinetic defeat systems to allow SOF operators to conduct SOF missions in denied and hostile environments worldwide.			
This project received Congressional Adds in FY 2023 for Per- and Polyflouroakyll Substances (PFAS)/ Perflourooctanic Acid (PFOA) free durable water repellent treatment (\$4.000 million), CUxS procurement acceleration (\$5.400 million) and mobile CUxS solutions (\$3.000 million).			
The total cost of the Special Operations Forces Personal Equipment Advanced Requirements (SPEAR) MTA effort is \$6.835 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The SPEAR effort is fully funded across the FYDP. Note: In the FY 2024 President's Budget's request, the SPEAR program included funding for efforts now justified under Power and Data Accessory Suite.			
The total cost of the Tactical Combat Casualty Care (TCCC) Middle Tier of Acquisition (MTA) effort is \$14.343 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The TCCCE effort is fully funded across the FYDP.			
The total cost of the MM-ECM MTA effort is \$95.325 million (FY 2022 to FY 2026) as a rapid prototype transition to rapid fielding MTA, including RDT&E and procurement of prototype units. The MM-ECM effort is fully funded across the FYDP.			
The total cost of the Personal Signature Management (PSM) MTA effort is \$8.941 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The PSM effort is fully funded across the FYDP.			
S385A Body Armor and Associated Equipment: This project provides specialized equipment with ballistic protection to meet the unique soldier protection and survival requirements of SOF. Specialized ballistic equipment improves survivability and load bearing equipment impacting the mobility of SOF while conducting varied missions. This project enhances the SPEAR program by providing for the research, development, and testing of body armor plates, soft armor, helmets, eye protection, and other personal protective equipment to meet current ballistic threats that exist on the battlefield.			
The total cost of the SPEAR Body Armor and Associated Equipment MTA effort is \$8.441 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The SPEAR Body Armor and Associated Equipment effort is fully funded across the FYDP.			

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command		Date: March 2024								
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1160431BB <i>I Warrior Systems</i>									
S395 Visual Augmentation, Lasers and Sensor Systems: This project provides for the development, testing, and integration of specialized visual augmentation, laser and sensor systems equipment to meet the unique requirements of SOF and facilitate future Hyper-Enabled Operator (HEO) capabilities. Efforts in this area include binocular/monocular devices; next generation laser designation and geo-location systems; weapon aiming lasers, scopes and accessories; and training and simulation systems. Specialized visual augmentation, lasers and sensors will permit small, highly trained forces to conduct required operations across the entire spectrum of conflict.										
The total cost of the Visual Augmentation System (VAS) MTA effort is \$170.859 million (FY 2022 to FY 2026), including RDT&E and procurement of prototype units. The VAS effort is fully funded across the FYDP.										
S700 Communications Equipment and Electronics Systems: This project provides for communication systems to meet emergent requirements to support SOF. SOF units require communications equipment that improves their warfighting capability without degrading their mobility. SOF Communications Equipment and Electronics is a continuing effort to develop smaller, lighter, more efficient and more robust SOF command, control, communication, and computers (C4) capabilities. Communication efforts will maintain a command, control, and communications (C3) link between SOF Commanders and SOF Teams, and provide interoperability with all services, various agencies of the United States Government, Air Traffic Control, commercial agencies and allied foreign forces.										
The SDN program has been designated a Major Capability Acquisition Program (ACAT III) at Milestone C in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85. The TACLAN program is fully funded across the FYDP.										
S710 Tactical Systems Development: This project provides for the development, testing, and integration of specialized automation equipment to meet the unique requirements of SOF. Tactical systems provide forward deployed forces with advanced networking, automated data processing, storage, and display capabilities to support situational awareness, mission planning and execution, and command and control (C2) of forces.										
This project received Congressional Adds in FY 2023 (\$17.000 million), details will be provided under separate cover.										
The TACLAN program has been designated a Major Capability Acquisition Pro and the guidance in DoD Instruction 5000.85. The TACLAN program is fully fur	ogram (ACAT III) at Milestone C in accordance with the aunded across the FYDP.	thority in DoD Directive 5135.02								
The TACLAN program has been designated a Major Capability Acquisition Program (ACAT III) at Milestone C in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85 along with the Acquisition Executive Memorandum for PEO TIS, dated 08 December 2023. The program will use an Evolutionary Technology Insertion (ETI) strategy to rapidly field production quantities of systems with proven technologies to provide tactical SOF elements from the individual operator to a larger Joint Special Operations Task Force (JSOTF) / Special Operations Joint Task Force (SOJTF) Headquarters (HQ), support for a wide range of tactical edge computing functions that support Command and Control (C2), Situational Awareness (SA), intelligence analysis and reporting, office automation,										
Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Speci	ial Operations Command	Date: March 2024								
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<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems									
decision-making, mission analysis, planning, rehearsal, and execution support level integration, functional, and operational testing, and evaluations.	. Commercial and government sources are leveraged for	required certifications, system								
S725 Tactical Radio Systems: This project provides for the development of all SOF tactical radio programs. S without degrading their mobility. The USSOCOM has developed an overall str capabilities throughout the 21st century. SOF tactical radios provide the critical and training exercises. In addition, they provide interoperability amongst the s agencies, and allied/coalition forces. Tactical Radios rapidly and seamlessly e elements and higher echelon headquarters, allowing SOF to operate with any	SOF units require radio communication equipment that im ategy to ensure that Tactical Radio Systems continue to al C3 link between SOF Commanders and SOF teams inv ervices, various agencies of the United States Governme establish and maintain mobile and fixed C2 communication force combination in multiple environments.	proves their warfighting capability provide SOF with the required rolved in operational missions nt, air traffic control, commercial ns between infiltrated/operational								
The total cost of the Remote, Advise and Assist Virtual Accompany Kit (RAA/V procurement of prototype units. The RAA/VAK effort is fully funded across the	′AK) MTA effort is \$201.767 million (FY 2025-FY 2029), ir FYDP.	ncluding RDT&E and								
The Next Generation Tactical Communications (NGTC) is a COTS/Non-Development Item with ETIs. Commercial and government agency sources will be leveraged for required certifications, functional and operational tests, and acceptance support. The NGTC program has been re-designated as a Major Capability Acquisition Program (ACAT III) at Milestone C in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85 along with the Acquisition Executive Memorandum for PEO TIS, dated 08 December 2023. The purpose of the NGTC program to develop and demonstrate Next Generation High Frequency Radios and to field Next Generation Tactical Handheld and Manpack Radios systems with proven technologies.										
S800 Munitions Advanced Development: This project provides for the advanced engineering, operational system develor munitions and equipment. Funding supports development of Insensitive Munit in U.S. Code, Title 10, Chapter 141, Section 2389 (December 2001). Testing if develop and improve Maritime Precision Engagement Munition (MPE-M), Grou (SOPGM), including the development and integration of various technologies t and GOPSS develop a SOF organic strike mission package to surgically strike M develops a SOF specific, maritime, precision strike package for Naval Speci- minimizing collateral damage.	ppment, and qualification efforts related to SO-peculiar and ions (IM) technology and evaluation, in accordance with t is in accordance with the USSOCOM IM Strategic Plan. If und Organic Precision Strike System (GOPSS), and Stando e enhance/modernize the SOPGMs delivered onto SOF a e an agile and mobile enemy, protect our forces, and minin ial Warfare (NSW) Combatant Craft to defend forces and	d Foreign/Non-standard he statutory requirement set forth Funding also supports efforts to d-Off Precision Guided Munitions and non-SOF platforms. MPE-M mize collateral damage. MPE- strike an evolving enemy while								

This project also received Congressional Adds in FY 2023 for Ground Organic Precision Strike Systems (\$9.567 million), MPE-M (\$3.600 million), and details provided under separate cover (\$2.397 million).

de / BA 7:	R-1 Program Ele	mont (Numbor/Namo)				
	PE 1160431BB /	Warrior Systems				
Y 2022 to FY 202	26), including RD	T&E and procurement o	f prototype units. The	e SOPGM effor	rt is fully	
2022 to FY 2026	i), including RDT	&E and procurement of	prototype units. The	GOPSS effort i	is fully	
FY 2023	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total		
166.404	263.374	206.728	-	20	06.728	
151.860	263.374	245.882	-	24	15.882	
-14.544	0.000	39.154	-	3	39.154	
-	-					
-	-					
-	-					
-	-					
-	-					
-8.469	-					
-6.075	-					
-	-	39.154	-	3	39.154	
es General Redu	<u>uctions)</u>		ſ	FY 2023	FY 2024	
5				U		
			-	8.094	-	
				3.854	-	
	Co	ngressional Add Subtota	als for Project: S385	11.948	-	
			-			
			-	0.005		
			_	9.635	-	
urveillance, and l	Reconnaissance	SOF Enhancement		9.847	-	
	Co	ngressional Add Subtota	als for Project: S710	19.482	-	
			-			
				9.567	-	
			-	3.469	-	
	Y 2022 to FY 2026 FY 2023 166.404 151.860 -14.544 - - - - - - - - 8.469 -6.075 - es General Redu	Y 2022 to FY 2026), including RD 2022 to FY 2026), including RDT FY 2023 FY 2024 166.404 263.374 166.404 263.374 151.860 263.374 -14.544 0.000       	Y 2022 to FY 2026), including RDT&E and procurement of p 2022 to FY 2026), including RDT&E and procurement of p FY 2023 FY 2024 FY 2025 Base 166.404 263.374 206.728 151.860 263.374 245.882 -14.544 0.000 39.154       	Y 2022 to FY 2026), including RDT&E and procurement of prototype units. The         2022 to FY 2026), including RDT&E and procurement of prototype units. The         FY 2023       FY 2024       FY 2025 Base       FY 2025 OCO         166.404       263.374       206.728       -         151.860       263.374       245.882       -         -14.544       0.000       39.154       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       -       -         -       -       39.154       -         -       -       39.154       -         es General Reductions)       -       -       -         -       -       39.154       -         -       -       39.154       -         -       -       39.154       -         -       <	Y 2022 to FY 2026), including RDT&E and procurement of prototype units. The SOPGM effor         2022 to FY 2026), including RDT&E and procurement of prototype units. The GOPSS effort i         FY 2023       FY 2024       FY 2025 Base       FY 2025 OCO       FY 2025         166.404       263.374       206.728       -       202         151.860       263.374       245.882       -       22         -14.544       0.000       39.154       -       3         -       -       -       -       -       -         -       -       -       -       -       -         - <td< td=""></td<>	

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Spec	Date: March 2024			
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems			
Congressional Add Details (\$ in Millions, and Includes General Re	ductions)	FY 2023	FY 2024	
Congressional Add: Classified Program(s)		1.746	-	
	Congressional Add Subtotals for Project: S8	300 14.782	-	
	Congressional Add Totals for all Proje	ects 46.212	-	
Change Summary Explanation Funding:				
FY 2023: Net decrease of -\$14.544 million is due a reprogramming of Generation development to PE 11604032BB due to the effort's techno from SOF Digital Ecosystem (-\$1.000 million) and Mission Command S to support critical emergent Command requirements; and a decrease of Small Business Innovative Research/Small Business Technology (SBI FY 2024: None.	Congressional Add funding for SOF Intelligence, Surveillan logy maturity level (-\$6.332 million); a reprogramming of \$2. System/Common Operational Picture (-\$1.000 million), a rep of (-\$6.075 million) was due to the reprogramming of funds t R/STTR) programs.	ce, and Reconnaiss 000 million to PE 1 orogramming of (-\$0 o the congressiona	ance Next 160403BB ).137 million) Ily mandated	
FY 2025: Net increase of \$39.154 million supports accelerated develor and Holographic Projection, enabling earlier production for the Next Ge Satellite (HTS) for next-generation satellite terminals in the Satellite De Force Tracking (BFT) devices (\$7.065 million); and development of pa (NGTC) radios (\$24.714 million); a decrease due to weapons systems in SPEAR due to reduction of test article, development, and testing of systems (-\$0.194 million); an increase to support modular development for mounted and fixed-site applications as a result of insight gained fro to the reduction of test article development and testing of body armor, in VAS optics and lasers development efforts (-\$0.364 million); an increase million); a decrease in Munitions Advanced Development due to reduc Maritime Precision Engagement-Munitions (MPE-M) due to the transiti Systems, Project Code S800 / Munitions Advanced Development to RI Surface Craft to Support Combatant Craft Medium (CCM) MK2 program (\$8.402 million). PDAS \$0.122 million decrease due to streamlined effections	ppment and testing of the Sonic Projection Short Range Cap eneration Loud Speaker (\$0.800 million); over the air assess aployable Node (SDN) effort (\$0.750 million); development of yload modular and resilient waveforms for Next Generation within fielding phases no longer requiring RDT&E support ( communication headsets, environmental protection, body ar at and testing required to expand the Next Generation MM-E m the rapid-competition phase (\$3.085 million); a decrease helmet, and eye protection systems (-\$0.126 million); a decrease helmet, and eye protection systems (-\$0.126 million); a decrease to n multiple networks including UNCLASSIFIED, SECRET at tion in prototyping/testing of munitions improvements (-\$0.0 on of funding from RDT&E, Defense-wide (DW), Program E DT&E, DW, Program Element 1160483BB, Maritime System m (-\$14.477 million); and details for an increase will be prov ficiencies in power and data management system solutions.	ability, MOBY Missisment of High Throu of the Next Generati Tactical Communic -\$0.113 million); a c mor vest, and load CM man-portable c in SPEAR Body Arr rease is due to a re- ure (MCS/COP) sup and TOP SECRET 40 million), a decrea- lement 1160431BB ns, Project Code S1 rided under separat	ion Module, Jghput ion Blue ation lecrease carriage configuration mor due duction oports (\$8.000 ase in 4, Warrior 1684 / e cover	

Appropriation/Budget Activity 0400 / 7       Propriation/Budget Activity 0400 / 7       R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems       Project (Number/Name) D476 / Military Information Support Operations       Project (Number/Name) D476 / Military Information Support         COST (\$ in Millions)       Prior Years       FY 2023       FY 2024       FY 2025 Base       FY 2025 OCO       FY 2026       FY 2027       FY 2028       FY 2029       Cost To Complete       To Cost         D476: Military Information Support Operations       62.117       4.304       3.500       4.234       -       4.234       4.319       4.405       4.492       4.581       Continuing       Continuing	
COST (\$ in Millions)Prior YearsFY 2023FY 2024FY 2024FY 2025FY 2025FY 2025FY 2026FY 2027FY 2028FY 2028FY 2029Cost To CompleteTot CompleteD476: Military Information Support Operations62.1174.3043.5004.234-4.2344.3194.4054.4924.581ContinuingContinuingQuantity of RDT&E ArticlesA. Mission Description and Budget Item JustificationImage: Support Operations of Military Information Support Operations (MISO) equipment. MISO are planned operations to convey selected information and indicators to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately, the behavior of foreign governments organizations, groups, and individuals. This project funds transformational systems and equipment to conduct MISO in support of combatant commanders.	
D476: Military Information Support Operations62.1174.3043.5004.234-4.2344.3194.4054.4924.581ContinuingContinuingQuantity of RDT&E ArticlesA. Mission Description and Budget Item JustificationThis project provides for the development and acquisition of Military Information Support Operations (MISO) equipment. MISO are planned operations to convey selected information and indicators to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately, the behavior of foreign governments organizations, groups, and individuals. This project funds transformational systems and equipment to conduct MISO in support of combatant commanders.	al st
Quantity of RDT&E Articles       -	uing
A. Mission Description and Budget Item Justification This project provides for the development and acquisition of Military Information Support Operations (MISO) equipment. MISO are planned operations to convey selected information and indicators to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately, the behavior of foreign governments organizations, groups, and individuals. This project funds transformational systems and equipment to conduct MISO in support of combatant commanders.	
B. Accomplishments/Planned Programs (\$ in Millions) FY 2023 FY 2024 FY 20	, 25
Title:       Fly-Away Broadcast System (FABS), Program Number 753       2.732       0.449       0	.743
<b>Description:</b> The FABS is a third-generation radio, television, and cellular broadcast Family of Systems (FoS) that uses Government and industry standard technology to disseminate influence products to foreign target audiences using a wide range of frequencies and spectrums: AM, FM, SW, TV VHF, TV, UHF (in digital/analog formats), and cellular Multi-media Messaging Service/Short Message Service broadcasts. This capability serves to deter adversarial aggression and counters social/political propaganda that threaten the U.S vital interests in support of the 2022 National Defense Strategy. The Next Generation FABS is the Broadcast Dissemination Platform (BDP) which integrates additional capabilities to enhance MISO broadcast, reduces Size, Weight, and Power (SWAP), and consists of three variants (Light/Medium/Heavy).	
FY 2024 Plans: Complete development, test, and evaluation for BDP-Light. Begin development, test, and evaluation of BDP-Medium.	
FY 2025 Plans: Completes development, test, and evaluation for BDP-Light. Continues development test and evaluation for BDP-Medium. Begin development for BDP Heavy.	
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.294 million supports finalized development, test and evaluation of BDP-Medium.	
Title: Next Generation Loud Speakers (NGLS), Program Number 764       -       1.377       1	.744
<b>Description:</b> The NGLS are transportable audio broadcast systems that provide the Psychological Operations (PSYOP) forces the ability to effectively reach target audiences with high quality transmissions in friendly, denied, hostile or deep territory.	

<ul> <li>Appropriation/Budget Activity 0400 / 7</li> <li>B. Accomplishments/Planned Programs (\$ in Millions) The NGLS requirements include six variants: Dismounted (D), Mounted Unmanned Ground Vehicle (UGV), and Unmanned Aerial Vehicle (UAV).</li> <li>FY 2024 Plans: NGLS-D: Begin Generation 2 development, test, and evaluation.</li> </ul>	R-1 Program Element (Number/Name)         PE 1160431BB I Warrior Systems         (M), Scatterable Media (SM), Sonic Projection (SP)	Project (Number/I D476 / Military Info Operations FY 2023	Name) rmation Supp FY 2024	ort FY 2025
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b> The NGLS requirements include six variants: Dismounted (D), Mounted Unmanned Ground Vehicle (UGV), and Unmanned Aerial Vehicle (UAV). <b>FY 2024 Plans:</b> NGLS-D: Begin Generation 2 development, test, and evaluation.	(M), Scatterable Media (SM), Sonic Projection (SP)	FY 2023	FY 2024	FY 2025
The NGLS requirements include six variants: Dismounted (D), Mounted Unmanned Ground Vehicle (UGV), and Unmanned Aerial Vehicle (UAV). <i>FY 2024 Plans:</i> NGLS-D: Begin Generation 2 development, test, and evaluation.	(M), Scatterable Media (SM), Sonic Projection (SP)		1	
<b>FY 2024 Plans:</b> NGLS-D: Begin Generation 2 development, test, and evaluation.				
NGLS-SP Short Range: Complete development, test, and evaluation (Ph	nase 2 SIBR).			
<b>FY 2025 Plans:</b> NGLS-D: Continue devlopmental test and evaluation. NGLS-SP Long Range (Phase 3): Begins development. NGLS-SP Short Range (Phase 3): Begins development.				
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.367 million supports continued development, test and eva	luation of NGLS-SP Long Range.			
Title: Media Production Center (MPC), Program Number 765		1.572	1.674	1.747
<b>Description:</b> The MPC is a family of systems which includes multi-media deliver imagery, audio, animation, and audio/video products of varying te Operations operators. Message dissemination capability is essential for in edge. As our adversaries shift from counterinsurgencies to great power of threats, specifically in the emerging information warfare domain aligning with conducting Military Information Support Operations (MISO) to promo objectives that rival the adversarial resources in this domain.	a production, editing, and archiving of capabilities to echnical complexity to support SOF Psychological rregular warfare enabling SOF to gain the competiti competition, technology must evolve to counter adva with the 2022 National Defense Strategy. SOF is ch ote U.S. influence, shape conditions, and align polition	ve nced arged cal		
<b>FY 2024 Plans:</b> Continue incremental development, test and evaluation (DT&E) of emerg	jing software applications.			
<b>FY 2025 Plans:</b> Continues incremental DT&E of emerging software applications. Continu Integrates and fine tunes software applications based on DT&E and feed Generation MPC-Medium.	es to explore beneficial evolving software technolog lback from end users. Begins development of Next	у.		
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.073 million supports initial development of Next Generation	on MPC-Medium.			
	Accomplishments/Planned Programs Sub	totals 4.304	3.500	4.234

Exhibit R-2A, RDT&E Project Just	Date: March 2024										
Appropriation/Budget Activity 0400 / 7	<b>R-1 Pr</b> PE 110	ogram Elen 60431BB / V	nent (Numb Varrior Syste	er/Name) ms	<b>Project (Number/Name)</b> D476 <i>I Military Information Support</i> <i>Operations</i>						
C. Other Program Funding Summary (\$ in Millions)											
FY 2025 F					FY 2025					<u>Cost To</u>	
Line Item • PROC1/0204OTHER: OTHER ITEMS <\$5M	<u>FY 2023</u> 101.173	<b>FY 2024</b> 108.816	<b>Base</b> 79.015	<u>000</u> -	<u>Total</u> 79.015	FY 2026 80.968	<u>FY 2027</u> 95.025	<u>FY 2028</u> 96.990	<u>FY 2029</u> 92.743	Complete Continuing	Total Cost Continuing

#### **Remarks**

None.

#### D. Acquisition Strategy

• The Fly Away Broadcast System (FABS) has been re-designated as a Major Capability Acquisition Program (ACAT III) in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85 along with the Acquisition Executive Memorandum for PEO TIS, dated 08 December 2023. The purpose of the Fly Away Broadcast System (FABS) is a 3rd-generation radio, television, and cellular broadcast Family of Systems (FoS) that that uses Government and industry standard technology to disseminate influence products to foreign target audiences using a wide range of frequencies and spectrums: AM, FM, SW, TV VHF, TV, UHF (in digital/analog formats), and cellular MMS/SMS broadcasts. This capability serves to deter adversarial aggression and counters social/political propaganda that threaten U.S vital interests in support of the National Defense Strategy. The Next Generation FABS is the Broadcast Dissemination Platform (BDP) which integrates additional capabilities to enhance MISO broadcast, reduces Size, Weight, and Power (SWAP), and consists of three variants (Light/Medium/Heavy).

• The Next Generation Loud Speaker (NGLS) program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80. The purpose of the MTA pathway is to rapidly develop (Rapid Prototyping) prototypes demonstrating NGLS Dismounted (D), Mounted (M), Scatterable Media (SM), Sonic Projection (SP), Unmanned Ground Vehicle (UGV), and Unmanned Aerial Vehicle (UAV) capabilities. The program has an evolutionary acquisition strategy for the legacy NGLS-D and an incremental acquisition strategy for developmental variants NGLS-M and NGLS-SP, government agencies and commercial sources are leveraged for required certifications, functional and operational tests, and sustainment.

• The MPC program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 513.01, and guidance in DoD Instruction 5000.80. The purpose of the MTA pathway is to rapidly develop, test, and evaluate advanced software applications via Government agencies and commercial sources. The MPC acquisition strategy is implemented via multiple cost-plus-fixed-fee (CPFF) other transaction authorities, CPFF task orders and Military Interdepartmental Purchase Requests (MIPR), as required.

Exhibit R-3, RDT&E F	Project Co	ost Analysis: PB 2	2025 Unite	ed States	Special (	Operation	s Comma	ind				Date:	Date: March 2024			
Appropriation/Budge 0400 / 7	t Activity	,				R-1 Program Element (Number/Name)Project (PE 1160431BB / Warrior SystemsD476 / MOperation						(Number/Name) Military Information Support ons				
Product Developmer	nt (\$ in Mi	illions)		FY 2	2023	FY 2	FY 2024		FY 2025 Base		2025 CO	FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Fly Away Broadcast Systems (FABS) - Broadcast Dissemination Platform (BDP) Light	MIPR	Various : Various	8.364	2.732	Jul 2023	-		-		-		-	0.000	11.096	-	
FABS BDP-Medium	MIPR	Various : Various	-	-		0.399	Apr 2024	0.543	May 2025	-		0.543	Continuing	Continuing	-	
FABS BDP-Heavy	MIPR	Various : Various	-	-		-		0.050	Apr 2025	-		0.050	0.000	0.050	-	
Next Generation Loud Speakers (NGLS)-D Generation 2 Development	Various	Various : Various	-	-		1.277	Jan 2024	-		-		-	Continuing	Continuing	-	
NGLS Scatterable Media Increment 2	Various	Various : Various	2.629	-		-		-		-		-	0.000	2.629	-	
NGLS-Long Range Sonic Projection (LRSP)	C/Various	Various : Various	-	-		-		1.100	Oct 2025	-		1.100	Continuing	Continuing	-	
NGLS- Short Range Sonic Projection (SRSP)	Various	Various : Various	-	-		-		0.644	Apr 2025	-		0.644	Continuing	Continuing	-	
Media Production Software Application Technologies	C/Various	Various : Various	3.077	1.472	Jan 2023	1.574	Jan 2024	0.500	Jan 2025	-		0.500	Continuing	Continuing	-	
Next Generation - Media Production Center (MPC)	C/Various	Various : Various	-	-		-		1.147	Apr 2025	-		1.147	Continuing	Continuing	-	
Prior Year	C/Various	Various : Various	30.929	-		-		-		-		-	0.000	30.929	-	
Prior Year - Congressional Add	C/Various	Various : Various	15.409	-		-		-		-		-	0.000	15.409	-	
		Subtotal	60.408	4.204		3.250		3.984		-		3.984	Continuing	Continuing	N/A	

#### Remarks

FABS BDP-Light program is being re-baselined. Current BDP-L prototypes do not meet three key performance parameters. FABS BDP-Medium research, development, test and evaluations will start in FY 2024 and will continue through FY 2025.

FABS BDP-Heavy will begin in FY 2025.

NGLS-Scatterable Media is being re-baselined.

MPC: Developmental/Operational Test and Evaluation are combined events.

Exhibit R-3, RDT&E F	Project Co	<b>ost Analysis:</b> PB 2	025 Unite	ed States	Special (	Operatior	is Comma	and				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	et Activity	,				R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems					<b>Project (Number/Name)</b> D476 <i>I Military Information Support</i> <i>Operations</i>				
Test and Evaluation	(\$ in Milli	ons)		FY	FY 2023		2024	FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FABS BDP-Light Developmental/ Operational Test	MIPR	Various : Various	-	-		-		0.100	Oct 2024	-		0.100	Continuing	Continuing	-
FABS BDP-Medium Developmental/ Operational Test	MIPR	Various : Various	-	-		0.050	Jun 2024	0.050	Aug 2025	-		0.050	Continuing	Continuing	-
NGLS-Scatterable Media (SM) and Dismounted (D) Developmental Test	MIPR	Various : Various	-	-		0.100	Jul 2024	-		-		-	0.000	0.100	-
Media Production Software Application Technologies (Developmental, Operational)	C/Various	Various : Various	0.100	0.100	Jan 2023	0.100	Jan 2024	0.100	Jan 2025	-		0.100	Continuing	Continuing	-
Prior Year	Various	Various : Various	1.609	-		-		-		-		-	0.000	1.609	-
Subtotal 1.709						0.250		0.250		-		0.250	Continuing	Continuing	N/A
Remarks BDP-Light developmental a	Remarks         BDP-Light developmental and operational test Oct 2024.         Target														
			Years	FY	2023	FY 2	2024	Ва	2025 Ase	00	2025 CO	Total	Complete	Cost	Contract
		Project Cost Totals	62.117	4.304		3.500		4.234		-		4.234	Continuing	Continuing	N/A
<u>Remarks</u>															





Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operation	Date: March 2024		
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	Project (N D476 / Milit Operations	umber/Name) tary Information Support

# Next Generation Loudspeaker System (NGLS) Schedule





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Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command Date: March 2024								
Appropriation/Budget Activity R 0400 / 7 P	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	<b>Project (N</b> D476 <i>I Mili</i> Operations	umber/Name) tary Information Support					

## Schedule Details

	Sta	art	End		
Events by Sub Project	Quarter	Year	Quarter	Year	
Fly Away Broadcast Systems (FABS)					
Broadcast Dissemination Platform (BDP) Light	4	2023	1	2025	
BDP Medium	3	2024	4	2025	
BDP Heavy	3	2025	1	2027	
BDP Unmanned Aerial System Payload Development	3	2026	3	2028	
Next Generation Loudspeakers (NGLS)					
NGLS-Dismounted Generation 2 Development, Test, and Evaluation	3	2024	4	2026	
Long Range Sonic Projection (LRSP)	1	2025	4	2026	
Short Range Sonic Projection (SRSP)	3	2025	4	2026	
NGLS- SM Increment 3	1	2027	3	2028	
Media Production Center (MPC)					
Media Production Software Application Technologies	1	2023	4	2029	
Next Generation - MPC - Medium	1	2025	4	2027	
Next Generation - MPC - Light	1	2026	4	2028	

Exhibit R-2A, RDT&E Project Ju	stification	PB 2025 L	Jnited State	s Special C	perations	Command				Date: Mar	rch 2024	
Appropriation/Budget Activity 0400 / 7					<b>R-1 Prog</b> PE 11604	ram Elemer 31BB / War	nt (Number/ rior Systems	Name)	Project (N S375 / We	lumber/Na apons Sys	<b>me)</b> tems	
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S375: Weapons Systems	10.654	1.462	1.592	1.506	-	1.506	1.527	1.558	1.589	1.621	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Bud	lget Item Ju	stification	l									
This project provides for the next accessories to meet the unique re Receiver Group (SURG), Advanc Gun (HG) Suppressor, Lightweig technological advances to achiev	generation equirements ed Sniper F ht Machine re over mato	systems Pr s of Special Rifle (ASR), Gun-Mediu ch capability	e-Planned I Operations Machine G m (LMG-M) y for integra	Product Imp Forces (Soun (MG) Ba , and Lighty ted deterre	orovement OF). The e arrel, Mid-F weight Mac nce by pos	s (P3I), testii fforts include ange Gas G chine Gun-A turing to figh	ng, and integ product im Sun (MRGG ssault (LMG nt and win ag	gration of s provements ), Reduced -A). The pr gainst curre	pecialized v s and testin Signature A oduct impro ent and eme	veapon sys g of the Su Assault Rifle ovements w erging threa	tems and w ppressed Up e (RSAR), H ill leverage ts.	eapon oper land the latest
<b>B. Accomplishments/Planned P</b>	rograms (\$	in Million	<u>s)</u>						FY	2023	FY 2024	FY 2025
<i>Title:</i> Weapons, Program Numbe	r 709									1.462	1.592	1.506
<b>Description:</b> The SOF weapons assigned mission and operational accomplishment and operator sur	are develop environme vivability.	ed to enabl nt, enhancii	le the opera ng the overa	tor to tailor all effective	the config ness of the	uration of the weapons, v	e weapon to vhich enable	the es mission				
<b>FY 2024 Plans:</b> Continue to perform safety and que suppressor, and machine gun we	ualification t apons.	esting, eng	ineering cha	ange propo	sals, and s	upport of inc	lividual snip	er, rifle,				
<b>FY 2025 Plans:</b> Continues to perform safety and crifle, grenade launcher, and mach	qualification	testing, eng apons.	gineering ar	nd change i	proposals,	and support	of individua	l pistol snip	er,			
<b>FY 2024 to FY 2025 Increase/De</b> Decrease of \$0.086 million is due (RSAR) transitioning to fielding.	to Mid-Ran	<i>tement:</i> ge Gas Gu	n - Sniper S	Support (MF	RGG-S) an	d the Reduc	ed Signatur	e Assault R	ifle			
					Accompl	ishments/P	anned Prog	grams Sub	totals	1.462	1.592	1.506
C. Other Program Funding Sum	mary (\$ in	<u>Millions)</u>	FY :	2025 FY	<u>2025</u> F	Y 2025					<u>Cost To</u>	
Line Item	<u>FY 20</u>	<u>23 FY 2</u>	<u>024</u> <u>E</u>	Base	<u>000</u>	<u>Total</u> F	Y 2026	Y 2027	FY 2028	<u>FY 2029</u>	<u>Complete</u>	Total Cost
• PROC/0204WARRIOR: Warrior Systems <\$5M	367.8	19 329.	837 363	.900	- 3	363.900 3	364.557	384.424	383.245	396.089	Continuing	Continuing

PE 1160431BB: *Warrior Systems* United States Special Operations Command

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Exhibit R-2A, RDT8	E Project Justific	ation: PB 2	025 United	States Spec	ial Operation	ns Comman	b	Date: March 2024					
Appropriation/Budg	get Activity	<b>R-1 Pr</b> PE 116	<b>ogram Elen</b> 50431BB / И	nent (Numbe /arrior Syste	Project (Number/Name) S375 / Weapons Systems								
C. Other Program F	. Other Program Funding Summary (\$ in Millions)												
Line Ite Remarks	<u>m</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> Complete	Total Cost	

#### D. Acquisition Strategy

Evolutionary acquisition, leveraging emerging technology and rapid prototyping efforts when appropriate. An evolutionary approach delivers capability in increments, recognizing, up front, the need for future capability improvements. Full and open competition with Firm-Fixed Price contracts and Other Transaction Authorities (OTAs). Weapons/Target Engagement utilizes the Middle Tier of Acquisition (MTA) pathway for Rapid Prototyping/Rapid Fielding of weapon systems providing increased lethality and to support capability set procurements and fielding.

Exhibit R-3, RDT&E Pr	oject Co	ost Analysis: PB 2	025 Unite	ed States	Special C	Operations Command							Date: March 2024			
Appropriation/Budget 0400 / 7		R-1 Program Element (Number/Name)Project (IPE 1160431BB / Warrior SystemsS375 / W							r/ <b>Name)</b> Systems							
Test and Evaluation (\$	est and Evaluation (\$ in Millions)					FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Weapon Developmental Test & Evaluation	MIPR	Various : Various	10.654	1.462	Jan 2023	1.592	Jan 2024	1.506	Jan 2025	-		1.506	Continuing	Continuing	-	
		Subtotal	10.654	1.462		1.592		1.506		-		1.506	Continuing	Continuing	N/A	
Prior Years				FY 2	FY 2023 FY 2024			FY 2025 FY 2 Base OC		025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract		
	1.462		1.592 1.506 -				1.506	Continuing	Continuing	N/A						

Remarks



nibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations	Command		Date: March 2024						
propriation/Budget Activity R-1 P 00 / 7 PE 11	rogram Element (Number 60431BB / Warrior System	Element (Number/Name)Project (Number/Name)B / Warrior SystemsS375 / Weapons Systems							
Schedule	Details								
	Sta	rt	En	d					
Events by Sub Project	Quarter	Year	Quarter	Year					
weapon Systems									

Exhibit R-2A, RDT&E Project J	ustification	: PB 2025 L	<b>Jnited State</b>	s Special C	Operations C	Command				Date: Ma	rch 2024	
Appropriation/Budget Activity 0400 / 7	propriation/Budget Activity 00 / 7 Prior FY							Name) S	Project (N S385 / Sol Systems	lumber/Na Idier Protec	<b>me)</b> ction and Su	rvival
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S385: Soldier Protection and Survival Systems	97.167	28.520	27.283	31.607	-	31.607	28.454	28.658	29.083	29.73	2 Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Bu	dget Item Ju	ustification	<u>l</u>			<i>.</i>						
requirements of Special Operation Counter Uncrewed Systems (aer missions are generally conducte	ent, testing, ons Forces ( rial, ground a d in harsh a	SOF), inclu and maritim nd hostile e	ding, but no e); and pers nvironment	typing and ot limited to: sonnel safe s, for unspe	evaluation c individual s ty equipment ecified perio	survival equi survival equi nt to improve ds and in lo	ipment; Mul e the mobili cations requ	It to meet the lti-Mission E ty of SOF, vultiming small	Electronic C while condu unit autonc	oldier prote ountermea licting varie omy.	d missions.	ECM); and These
B. Accomplishments/Planned I	Programs (\$	in Million	<u>s)</u>						F١	2023	FY 2024	FY 2025
<i>Title:</i> SOF Personal Equipment <i>i</i>	Advanced R	equirement	s (SPEAR),	Program N	lumber 807					1.253	1.310	1.256
<b>Description:</b> Special Operations the individual equipment required testing and evaluation of a variet protective combat uniforms, load NDS by protecting to protect ope	Forces Per to meet US y of individua carriage sys rators defen	sonal Equip SOCOM ur al survival e stems, body ding the ho	ment Adva nique missio quipment ir armor ves meland in a	nced Requi ons. The SF ncluding, bu t systems a multi-doma	irements (SI PEAR progr ut not limited and commur ain threat er	PEAR) prov am provides d to ballistic nication head nvironment.	ides the SC s for researd and enviror dsets and a	DF operator ch, develop nmental ligns with th	with ment, ne			
<b>FY 2024 Plans:</b> Improved fit and tailorability of un material testing and evaluations, evaluations, and load carriage ef	niforms, load and load ca forts.	carriage ar rriage effort	nd armor ca s. Continue	rriage syste e headsets,	em. Continu , environme	e headsets, ntal protecti	environme on, materia	ntal protect I testing and	ion, d			
FY 2025 Plans: Continues headsets, environmer	ital protectio	n, material	test and eva	aluation, an	d load carri	age efforts.						
FY 2024 to FY 2025 Increase/D Decrease of \$0.054 million is due protection, body armor vest and	ecrease Sta e to reductio load carriage	n <b>tement:</b> n of test arti e systems.	icle develop	oment and t	esting for co	ommunicatio	on headsets	s, environm	ental			
Title: Power and Data Accessory	/ Suite (PDA	S)								1.645	1.752	1.625
<b>Description:</b> The Power and Da data systems that will replace inc an incremental plan to provide im	ta Accessori lividual powe nmediate sol	es Suite (P er and data utions and	DAS) is a S system solu evolve to a	pecial Ope utions. The streamlined	rations Corr PDAS inclu d set of syst	nmand modu Ides evolutio ems. The P	ular suite of onary devel DAS includ	<sup>i</sup> power and opments wi les advance	th ed			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United Sta	ates Special Operations Command		Date: N	larch 2024		
Appropriation/Budget Activity 0400 / 7	<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems					
B. Accomplishments/Planned Programs (\$ in Millions)		F	Y 2023	FY 2024	FY 2025	
power sources, power scavenger technologies, and Operator driv the FY 2024 President's Budget submittal, this effort and funding the development of integrated enabling technologies and protectin environment.	en, integrated power and data management solutions. Du were contained in SPEAR. PDAS aligns to the NDS throug ng Operators defending the homeland in a multi-domain th	ring gh reat				
FY 2024 Plans: Continue power and data management system development and	evaluations.					
FY 2025 Plans: Continues power and data management system development, ev.	aluations and integrated systems efforts.					
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.127 million is due to streamline efficiencies in pow	ver and data management system solutions.					
Title: Tactical Combat Casualty Care (TCCC), Program Number 8	809		0.667	0.716	0.717	
<b>Description:</b> The TCCC program provides lifesaving medical devisets, and brain health equipment for SOF. The CASEVAC procure medical items including, but not limited to, intraosseous infusion d airway kits, as well as devices that provide SOF the capability to so of casualties in forward areas. The TCCC program fields essential platform to transition capabilities developed under the National Mis support the development, test and evaluation of technologies to d exposure to SOF. This campaigning capability, aligning to the 20 counter competitor coercion and lessen battlefield losses by provi forward-deployed SOF operators.	vices, ancillary equipment and Casualty Evacuation (CASE es a suite of Food and Drug Administration (FDA) approver levices, patient monitoring and assessment devices, emerge support extraction, mobility, transportation, and sustainmer al lifesaving CASEVAC equipment and capabilities and is a sission Force's Tactical Medical Programs. Brain health effected and capture blast overpressure events and mitigate b 22 National Defense Strategy, provides significant ability to ding timely, critical lifesaving and evacuation capabilities to	VAC) d gency t orts olast o o the				
<b>FY 2024 Plans:</b> Continue the test support, market surveys, rapid prototyping, test in direct support of the Operator Kit, Medic Kit, & CASEVAC progr patient sensors for seamless integration of patient information into analyze blast overpressure information, conduct market surveys a test and evaluation of emerging neurocognitive assessments, diag support of SOF brain health.	article acquisition, test and evaluation, and systems engine rams with continued focus on enabling telemedicine with w o the electronic medical record. Develop enhanced softwar and test article acquisition, and developmental and operation gnostic technologies and blast exposure mitigating equipm	eering ireless e to onal ent in				
FY 2025 Plans:						

Exhibit R-2A, RDT&E Project Justification: PB 2025 United Stat	es Special Operations Command	Date: N	/larch 2024		
Appropriation/Budget Activity 0400 / 7	<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025	
Continues the test support, market surveys, rapid prototyping, test engineering in direct support of the Operator Kit, Medic Kit, & CAS with wireless patient sensors for seamless integration into the elec software capable of providing assisted decision support for SOF m areas. Continues the development and testing of enhanced softwa and, conduct market surveys and test article acquisition, and devel neurocognitive assessments, diagnostic technologies, and blast ex-	article acquisition, test and evaluation, and systems EVAC programs with continued focus on enabling telemed tronic medical record. Develops Artificial Intelligence (AI) edics while operating in extreme austere disconnected and for the analysis of blast overpressure exposure evelopmental and operational test and evaluation of emerging coosure mitigating equipment in support of SOF brain heal	licine nts :h.			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.001 million supports additional CASEVAC sets oper	rational test and evaluation.				
Title: Multi-Mission Electronic Countermeasures (MM-ECM), Prog	ram Number 806	7.373	8.776	8.396	
<b>Description:</b> System modernization efforts have expanded the opposition of mass destruction. The USSOCOM uses ground (mounted/dismoto counter Radio Frequency (RF) controlled devices and cellular the whose configuration and modularity address multiple mission critic of emerging threats, the USSOCOM has historically developed address partnerships with the services, and other government agencies, the maintaining Joint Force compatibility. The Next Generation MM-Ed deterrence including force protection, countering weapons of mass maintaining combat-credible forces and cost effective Counter Viol	erational capabilities of MM-ECM equipment across multip rotection, counter-uncrewed systems, and counter weapon bunted) based jammers to provide MM-ECM capabilities ireats. This program provides scalable MM-ECM systems al capabilities to counter this threat globally. To stay ahead vanced techniques on an annual basis. Through strategic e USSOCOM vastly improved program affordability while CM is designed to support multiple SOF missions in integra destruction, and Counter Uncrewed Systems (CUxS), where the textremist Organization (CVEO) capabilities.	le s l ated ile			
<b>FY 2024 Plans:</b> Continue system engineering, test article acquisition, prototyping a development of MM-ECM systems capabilities to include advanced kits for mounted and dismounted systems. Continue developmenta and mission kits developed for the MM-ECM program.	and development of Next Generation ECM devices. Contin d software technique countermeasures, loadsets, and miss al test and Operational test of advanced techniques, loads	ue sion ets,			
<b>FY 2025 Plans:</b> Completes Next Generation ECM prototype development and trans developmental testing and operational testing of advanced counter mounted and dismounted MM-ECM systems.	sition to DT and OT. Continues development and rmeasures techniques, loadsets, and mission kits develope	ed for			
FY 2024 to FY 2025 Increase/Decrease Statement:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 United State	s Special Operations Command	Date: N	larch 2024		
Appropriation/Budget Activity 0400 / 7	roject (Number/Name) 385 I Soldier Protection and Survival Systems				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025	
Decrease of \$0.380 million is due to maturation of the Next Generat development and testing to beginning production in FY 2025.	ion ECM man-portable configuration from prototype				
Title: Counter Uncrewed System (CUxS), Program Number 717		3.952	12.897	17.749	
<b>Description:</b> SOF CUxS, formerly Counter Unmanned Aerial System identify, classify, locate, track, deter, defeat, and exploit uncrewed is to countering uncrewed threats across the air, ground, and maritime threats. The funding request for this program supports a Family of S and test of cutting edge technologies that deliver and integrate varior frequency detection and defeat, other passive detection/defeat, rada advantages and to rapidly adjust to new strategic demands in suppor maximum autonomy, low signature, and reduced size, weight, and p	ms (CUAS), enhances the SOF operator's ability to detect ystem threats. The USSOCOM is taking a holistic approace domains, with initial emphasis towards uncrewed aerial systems (FoS) design, development, integration, prototypin ous capabilities including, but not limited to, interceptors, ra ar, and electro-optical and infrared (EO/IR) to build endurin out of the 2022 National Defense Strategy. SOF CUxS require ower demands to enable SOF missions.	, ig, idio ig iires			
<b>FY 2024 Plans:</b> Continue sensor and effector evaluation and development for integration expeditionary fixed-site configurations. Continue System Integration improved detection/defeat capabilities and expanded networking/integrating in support of fielding and deployment release updates of pro-	ation into SOF's layered FoS for mounted, dismounted, ar / Platform Integration of CUxS capabilities, with emphasis eroperability. Continue annual developmental and operation ven capabilities for entry into program of record.	d on onal			
<b>FY 2025 Plans:</b> Continues sensor and effector evaluation and development for intege expeditionary fixed-site configurations. Continues System Integration improved detection/defeat capabilities and expanded networking/integesting in support of fielding and deployment release updates of prov	ration into SOF's layered FoS for mounted, dismounted, a n / Platform Integration of CUxS capabilities, with emphas eroperability. Continues annual developmental and operative ven capabilities for entry into program of record.	nd s on ional			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$4.852 million supports additional design, development, sensors/effectors for integration into SOF's layered Family of System capabilities. This includes additional test and evaluation for National	prototyping, testing, and operational assessment of CUxS ns (FoS) with a focus on improved detection and defeat to Theater transition of CUxS capabilities.				
Title: Personal Signature Management (PSM), Program Number ZH	1E	1.682	1.832	1.864	
<b>Description:</b> The PSM program provides for development, test and technology and training to reduce the probability of detection of the it threat sensors. PSM increases both lethality and survivability and d	evaluation, fielding and sustainment of signature reducing individual operator against current and emerging battlefiel lirectly aligns with the NDS.				
FY 2024 Plans:					

Exhibit R-2A, RDT&E Project Just	stification: PB	2025 United	States Spe	cial Operatio	ns Comman	d			Date: Ma	arch 2024			
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pi</b> PE 11	ogram Eler 60431BB / V	nent (Numbe Varrior Systen	<b>r/Name)</b> ns	Project (N S385 / Sol Systems	<b>)ject (Number/Name)</b> 85 I Soldier Protection and Survival stems				
B. Accomplishments/Planned Pi	rograms (\$ in N	<u>/lillions)</u>						FY	2023	FY 2024	FY 2025		
Continue the material developmen detectors.	t and test and e	evaluation of	next genera	ation signatu	re reducing I	materials and	threat senso	r					
FY 2025 Plans: Continues development of signatu of threat sensor detectors.	re reducing ma	terial solutio	ns. Continue	es developme	ent and initia	ites the opera	tional assess	sment					
FY 2024 to FY 2025 Increase/De Increase of \$0.032 million supports	crease Statem s initial develop	e <i>nt:</i> mental testir	ng of threat s	sensor detec	tor.								
				Accon	nplishment	s/Planned Pro	ograms Sub	ototals	16.572	27.283	31.607		
							FY 2023	FY 2024	]				
Congressional Add: CUxS							8.094	-	_				
FY 2023 Accomplishments: CUx	S Sensor/Effec	tor Evaluatio	on, Developr	nent & Syste	m/Platform	Integration.							
Congressional Add: SPEAR							3.854	-					
FY 2023 Accomplishments: Dev free materials for incorporation into	elopment of pol o uniform syster	yflouroalkyl ms.	substance/p	erfluoroocta	noic acid (Pf	FAS/PFOA)							
				Cong	ressional A	dds Subtotal	<b>s</b> 11.948	-					
C. Other Program Funding Sum	nary (\$ in Milli	ons)											
<b>_</b>	<b>.</b>		<u>FY 2025</u>	<u>FY 2025</u>	<u>FY 2025</u>					Cost To			
<u>Line Item</u> • PROC/0204WARRIOR: Warrior Systems <\$5M	<u>FY 2023</u> 367.819	<u>FY 2024</u> 329.837	<u>Base</u> 358.257	<u>000</u> -	<u>Total</u> 358.257	<u>FY 2026</u> 36.196	<u>FY 2027</u> 383.939	FY 2028 383.260	<u>FY 2029</u> 395.363	Complete Continuing	Total Cost Continuing		
<u>Remarks</u>													
<b>D. Acquisition Strategy</b> SPEAR: SPEAR Individual equip modifications as required. Contract vendor awards, small business se support capability fielding of new b system mounts providing increase	ment leverages ets in support of t asides, and pro- callistic and envice d survivability of	the advance SPEAR are ime vendor vironmental p directly align	ement of cor a combinat style multiple protective co ing with the	nmercially av ion of Firm F e awards. Sf mbat uniforr NDS.	vailable solu ixed Price (f PEAR utilize ns; load carr	tions to the gr FP) five-year s the Middle T iage systems;	reatest exten Indefinite D Fier of Acquis ; communica	t possible a elivery Inde sition (MTA) tions heads	nd applies finite Quar pathway ets; and v	s SOF-unique ntity (IDIQ) w for Rapid Fie isual augmei	e ith single Iding to ntation		

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special O	Date: March 2024		
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	Project (N S385 / Solo Systems	umber/Name) dier Protection and Survival

PDAS: Includes evolutionary developments with an incremental plan to provide immediate solutions and evolve to a streamlined set of systems. The PDAS program will utilize Special Operations Forces Support Activity (SOFSA) for warehousing and sustainment. PDAS utilizes Middle Tier Acquisition pathways for rapid fielding to support capability fielding of new power sources, power and data management systems, and alternative power generation technologies to provide enhanced runtime and Operator focused integrated solutions.

TCCC: Operator & Medic Kits - Program managed utilizing Defense Logistics Agency Distribution and Pricing Agreements (DAPA) prime vendor contracts for equipment purchases and SOFSA for warehousing and sustainment. The CASEVAC Set program uses an IDIQ Commercial-Off-The-Shelf (COTS) prime integrator contract. The TCCC utilizes the MTA pathway for Rapid Prototyping/Rapid Fielding of FDA approved medical items that support extraction, mobility, transportation, and sustainment of casualties in forward areas for increased survivability. The current acquisition approach utilizes the MTA Rapid Fielding pathway to support capability set procurements and fielding.

MM-ECM: The USSOCOM collaborates with the Department of Defense ECM managers and other government agencies in order to maintain Joint Force compatibility and improve program affordability. All next generation ECM development is designed to support SOF missions in integrated deterrence, while maintaining cost effective CVEO capabilities. The ECM are employed across multiple missions including force protection, support to CUxS, Explosive Ordnance Detection, and Render Safe Electronics. Centralized life cycle sustainment of SOF ECM inventory supports Theater Special Operations Command operational demand as Theater Provided Equipment (TPE), Component home station training, and rapid deployment requirements. The SOF ECM collaborates with the Joint Services, Academia, and other government agencies to maintain interoperability and cost effectiveness. The SOF ECM will continue to leverage the SOF-to-Service transition of proven capabilities. The MM-ECM program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80. The purpose of the MTA pathway is to rapidly field production quantities of modernization kits for existing mounted and dismounted systems. In addition, the MTA pathway is used to rapidly develop prototypes demonstrating next generation ECM capabilities to counter Radio Frequency (RF) controlled devices and cellular threats for increased survivability against expanding spectrums and threats.

CUxS: The USSOCOM works in concert with its Systems Integration Partner (SIP) to develop and integrate various sensors in mounted, dismounted and expeditionary fixed-site configurations that enhance SOF's ability to detect, identify, classify, locate, track, deter, defeat, and exploit uncrewed systems threats. SOF CUxS requires maximum autonomy, low signature, and reduced size, weight, and power demands to enable SOF missions. The USSOCOM collaborates with the Joint CUxS Office (JCO), Academia, and other government agencies for solutions and to maintain interoperability and cost effectiveness to the fullest extent. The USSOCOM will continue to leverage the SOF-to-Service transition of proven capabilities where possible. The CUxS program has been designated a Major Capability Acquisition (MCA) at Milestone C, in accordance with the authority in DoD Directive 5135.02, the guidance in DoD Instruction 5000.85. The purpose of the MCA is to acquire CUxS capability to support global operations in diverse environments with varying threat levels.

PSM: Signature reducing technologies will be embedded, where possible, into SOF clothing and/or equipment via modified commercial-off-the-shelf variants. Contracts in support of fielding/sustainment of any material solution will be a combination of sole source FFP five year IDIQ contracts, Source America mandatory sole sources, small business set asides and prime vendor style multiple award contracts. The PSM program will utilize SOFSA for warehousing and sustainment. The PSM utilizes the MTA pathway for Rapid Prototyping/Rapid Fielding to support capability fielding of signature reducing materials and technology in order to reduce the probability of detection by battlefield threat sensors for increased lethality and survivability directly aligning with the NDS.

Exhibit R-3, RDT&E F	s Special C	al Operations Command						Date: March 2024							
Appropriation/Budge 0400 / 7	propriation/Budget Activity 00 / 7							ement (N Warrior S	<b>umber/N</b> a Systems	ame)	<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems				
Product Developmer	nt (\$ in Mi	illions)	ſ	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOF Personal Equipment Advanced Requirements (SPEAR) - Protective Combat Uniform (PCU)	Various	PM-P&I : Natick, MA	1.444	0.411	May 2023	0.450	May 2024	0.266	Jun 2025	-		0.266	Continuing	Continuing	-
SPEAR - Hearing Protection and Communications Headsets	Various	PM-P&I : Natick, MA	1.976	0.310	Feb 2023	0.400	Feb 2024	0.270	Feb 2025	-		0.270	Continuing	Continuing	-
SPEAR Modular Glove System (MGS)	Various	PM-P&I : Natick, MA	0.115	0.030	May 2023	0.050	May 2024	0.075	May 2025	-		0.075	Continuing	Continuing	-
SPEAR - Load Carriage System (LCS) and Backpacks	Various	PM-P&I : Natick, MA	0.297	0.100	May 2023	0.050	May 2024	0.145	May 2025	-		0.145	Continuing	Continuing	-
SPEAR - Polyflouroalkyl substance/ perfluorooctanoic acid (PFAS/PFOA) - Congressional Add	C/Various	PM-P&I : Natick, MA	-	3.554	May 2023	-		-		-		-	0.000	3.554	-
Power and Data Accessory Suite (PDAS) Product Development	Various	PM-P&I : Natick, MA	0.686	0.700	Mar 2023	0.900	Jun 2024	0.775	Mar 2025	-		0.775	Continuing	Continuing	-
Multi-Mission Electronic Countermeasures (MM- ECM) - Next Generation System Development	C/Various	Various : Various	2.327	5.549	Sep 2023	7.269	Jul 2024	5.371	Jul 2025	-		5.371	0.000	20.516	-
MM-ECM Advanced Techniques/Loadset/ Mission Kit Development	C/Various	Various : Various	15.737	1.250	Mar 2023	1.250	Mar 2024	1.250	Mar 2025	-		1.250	Continuing	Continuing	-
Counter Unmanned System (CUxS) Sensor/ Effector Evaluation & Development Overseas Operations Costs (OOC)	C/Various	Various : Various	4.506	1.335	Jun 2023	4.250	Dec 2023	6.016	Dec 2024	-		6.016	Continuing	Continuing	-
CUxS System Integration / Platform Integration OOC	C/FFP	Anduril Industries : Costa Mesa, CA	1.734	1.250	Jun 2023	6.250	Jun 2024	8.711	Jun 2025	-		8.711	Continuing	Continuing	-

Exhibit R-3, RDT&E F	Project C	<b>ost Analysis:</b> PB 2	025 Unite	ed States	Special C	Operatior	ns Comma	ind				Date:	March 20	)24		
Appropriation/Budge 0400 / 7	opropriation/Budget Activity 00 / 7							ement (N Warrior S	l <b>umber/N</b> Systems	ame)	<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems					
Product Developmen	nt (\$ in Mi	illions)		FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
CUxS Sensor/Effector Evaluation & Development Congressional Add	C/FFP	Andruil Industries : Costa Mesa, CA	2.285	6.094	May 2023	-		-		-		-	0.000	8.379	-	
CUxS System Integration / Platform Integration Congressional Add	C/FFP	Anduril Industries : Costa Mesa, CA	6.069	2.000	Jul 2023	-		-		-		-	0.000	8.069	-	
Personal Signature Management (PSM) Development (Inc II and III)	Various	Various : Various	3.076	0.611	Apr 2023	1.150	Nov 2024	0.864	Nov 2025	-		0.864	Continuing	Continuing	-	
Prior Years	Various	Various : Various	20.617	-		-		-		-		-	0.000	20.617	-	
Prior Years - Overseas Contingency Operations (OCO)	Various	Various : Various	10.820	-		-		-		-		-	0.000	10.820	-	
Prior Years Congressional Add	C/Various	Various : Various	1.500	-		-		-		-		-	0.000	1.500	-	
		22.019		23.743		-		23.743	Continuing	Continuing	N/A					

#### Remarks

Note: For the CUxS Emerging Threat /Advanced Technology Development Systems Integration Partner effort there are two product development cost category items that provide separate obligation events planned in FY 2024, the 1st QTR award (December-2023) for detection system advancements/software techniques and the 3rd QTR award (June-2024) for operationally prioritized sensor/effector development/upgrades and corresponding integration efforts.

est and Evaluation (\$ in Millions)				FY 2023 FY 20		2024	FY 2025 Base		FY 2025 OCO		FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SPEAR - PCU Pre- Planned Product Improvement Developmental Test and Evaluation	Various	PM-P&I : Natick, MA	0.604	0.075	Apr 2023	0.100	Feb 2024	0.070	Feb 2025	-		0.070	Continuing	Continuing	-
SPEAR - PCU Pre- Planned Product	Various	PM-P&I : Natick, MA	0.201	0.025	Apr 2023	0.050	Feb 2024	0.095	Feb 2025	-		0.095	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command									Date: March 2024												
Appropriation/Budget Activity 0400 / 7						<b>R-1 Pro</b> PE 116	o <b>gram El</b> o 0431BB /	ement (N Warrior :	l <b>umber/N</b> Systems	ame)	Project S385 / S System	<b>(Numbe</b> i Soldier Pr s	r/ <b>Name)</b> otection a	and Survival							
Test and Evaluation (\$ in Millions)			FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total										
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract						
Improvement Operational Test and Evaluation																					
SPEAR - MGS Developmental Test and Evaluation	Various	PM-P&I : Natick, MA	-	-		-		0.040	Feb 2025	-		0.040	Continuing	Continuing	-						
SPEAR - MGS Operational Test and Evaluation	Various	PM-P&I : Natick, MA	0.199	0.045	Feb 2023	0.020	Feb 2024	0.020	Feb 2025	-		0.020	Continuing	Continuing	-						
SPEAR - Hearing Protection and Communication Headset Developmental Test & Evaluation	Various	PM-P&I : Natick, MA	-	-		-		0.100	Feb 2025	-		0.100	Continuing	Continuing	-						
SPEAR - Hearing Protection and Communication Headset Operational Test & Evaluation	Various	PM-P&I : Natick, MA	2.260	0.162	Mar 2023	0.115	Feb 2024	0.075	Feb 2025	-		0.075	Continuing	Continuing	-						
SPEAR - LCS/Body Armor Vest/Backpack Material Developmental Test & Evaluation	Various	PM-P&I : Natick, MA	-	-		-		0.050	Feb 2025	-		0.050	Continuing	Continuing	-						
SPEAR - LCS/Body Armor Vest/Backpack Material and Prototype Operational Test and Evaluation	Various	PM-P&I : Natick, MA	0.355	0.095	Feb 2023	0.075	Feb 2024	0.050	Feb 2025	-		0.050	Continuing	Continuing	-						
SPEAR - PFAS/PFOA Developmental Test and Evaluation Congressional Add	C/Various	PM-P&I : Natick, MA	-	0.200	May 2023	-		-		-		-	0.000	0.200	-						
SPEAR - PFAS/PFOA Operational Test and Evaluation Congressional Add	C/Various	PN-P&I : Natick, MA	-	0.100	May 2023	-		-		-		-	0.000	0.100	-						
PDAS Developmental Test and Evaluation	Various	PM-P&I : Natick, MA	0.889	0.845	Apr 2023	0.752	Aug 2024	0.750	Apr 2025	-		0.750	Continuing	Continuing	-						

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Exhibit R-3, RDT&E F	Project Co	<b>ost Analysis:</b> PB 2	025 Unite	ed States	Special C	Operatior	is Comma	ind				Date:	March 20	)24			
Appropriation/Budget Activity 0400 / 7						<b>R-1 Pro</b> PE 116	-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems					<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems					
Test and Evaluation (\$ in Millions)			FY	2023	FY 2025 FY 2024 Base		FY 2025 OCO Total		FY 2025 Total								
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
PDAS Operational Test and Evaluation	Various	PM-P&I : Natick, MA	0.100	0.100	Apr 2023	0.100	Apr 2024	0.100	Apr 2025	-		0.100	Continuing	Continuing	_		
Tactical Combat Casualty Care (TCCC) CASEVAC Sets Operational Test & Evaluation	Various	PM-P&I : Natick, MA	2.450	0.197	Feb 2023	0.215	Feb 2024	0.218	Mar 2025	-		0.218	Continuing	Continuing	_		
TCCC Brain Health Developmental Test & Evaluation	C/Various	PM-P&I : Natick, MA	0.421	0.470	Feb 2023	0.501	Feb 2024	0.499	Mar 2025	-		0.499	Continuing	Continuing	-		
MM-ECM Advanced Techniques/Loadset/ Mission Kit Developmental Test and Evaluation	C/Various	Various : Various	4.735	0.524	Mar 2023	0.182	Mar 2024	0.185	Mar 2025	-		0.185	Continuing	Continuing	_		
MM-ECM Advanced Techniques/Loadset/ Mission Kit Operational Test and Evaluation	C/Various	Various : Various	-	0.050	Mar 2023	0.075	Mar 2024	0.765	Mar 2025	-		0.765	Continuing	Continuing	_		
MM-ECM Next Gen Developmental Test and Evaluation	C/Various	Various : Various	-	-		-		0.575	Jul 2025	-		0.575	Continuing	Continuing	_		
MM-ECM Next Gen Operational Test and Evaluation	C/Various	Various : Various	-	-		-		0.250	Jul 2025	-		0.250	Continuing	Continuing	_		
CUxS Developmental Test and Evaluation	C/Various	Various : Various	1.770	-		-		1.842	Nov 2024	-		1.842	0.000	3.612	-		
CUxS Developmental Test and Evaluation OOC	C/Various	Various : Various	-	0.750	Nov 2022	1.240	Nov 2023	-		-		-	Continuing	Continuing	_		
CUxS Operational Test and Evaluation	MIPR	White Sands Missile Range, White Sands Test Center (WSMR/ WSTC) : WSMR, NM	1.236	-		-		1.180	Nov 2024	-		1.180	0.000	2.416	-		
CUxS Operational Test and Evaluation OOC	MIPR	White Sands Missile Range, White Sands	-	0.617	Nov 2022	1.157	Nov 2023	-		-		-	Continuing	Continuing	_		

Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	025 Unite	ed States	Special C	Operation	s Comma	nd				Date:	March 20	)24	
Appropriation/Budget Activity 0400 / 7						<b>R-1 Pro</b> PE 116	ogram Ele 0431BB /	ement (N Warrior S	<b>umber/N</b> a Systems	ame)	<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems				
Test and Evaluation (\$ in Millions)			ſ	FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	( 2025 Total		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Test Center (WSMR/ WSTC) : WSMR, NM													
PSM Developmental Test and Evaluation	Various	Various : Various	3.489	1.071	Jan 2023	0.682	Jan 2024	1.000	Jan 2025	-		1.000	Continuing	Continuing	-
Prior Years	Various	Various : Various	1.091	-		-		-		-		-	0.000	1.091	-
Prior Years (OCO)	Various	Various : Various	4.178	-		-		-		-		-	0.000	4.178	-
	-	Subtotal	23.978	5.326		5.264		7.864		-		7.864	Continuing	Continuing	N/A
			Prior Years	FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 Of	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	97.167	28.520		27.283		31.607		-		31.607	Continuing	Continuing	N/A

Remarks







United States Special Operations Command







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Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Oper	Date: March 2024		
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	Project (N S385 / Sole Systems	umber/Name) dier Protection and Survival

## Schedule Details

	Sta	art	En	d
Events by Sub Project	Quarter	Year	Quarter	Year
Soldier Protection and Survival Systems (SPEAR)	L. L			
Protective Combat Uniform (PCU) Product Development	1	2023	4	2029
Hearing Protection & Communications Headsets Product Development	1	2023	4	2029
Modular Glove System (MGS) Product Development	1	2023	4	2029
Load Carriage System (LCS) and Backpacks Product Development	1	2023	4	2029
Polyflouroalkyl substance/ perfluorooctanoic acid (PFAS/PFOA) Product Development Congressional Add	1	2023	4	2024
PCU Developmental and Operational Test & Evaluation	1	2023	4	2029
MGS Developmental and Operational Test & Evaluation	1	2023	4	2029
Hearing Protection & Communications Headsets Operational Test & Evaluation	1	2023	4	2029
LCS/Backpack/Body Armor Vest Operational Test & Evaluation	1	2023	4	2029
PFAS/PFOA Developmental and Operational Test & Evaluation Congressional Add	1	2023	4	2029
Power and Data Accessory Suite (PDAS)	L			
Power and Data Management Product Development	1	2023	4	2029
Power and Data Management Developmental and Operational Test & Evaluation	1	2023	4	2029
Tactical Combat Casualty Care (TCCC)	L			
Casualty Evacuation (CASEVAC) Sets Operational Test & Evaluation	1	2023	4	2029
Brain Health Developmental Test and Evaluation	1	2023	4	2029
Multi-Mission Electronic Countermeasures (MM-ECM)	L			
Next Generation MM-ECM System Development - Product Development	1	2023	3	2026
Next Generation MM-ECM Developmental and Operational Test & Evaluation	2	2025	1	2027
Advanced Techniques/Loadsets/Mission Kit Development - Product Development	1	2023	4	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Specia	Date: March 2024											
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program E</b> PE 1160431BB	Iement (Number I Warrior System	r/ <b>Name)</b> IS	<b>Project (Number/Name)</b> S385 I Soldier Protection and Survival Systems								
		Sta	art	E	nd							
Events by Sub Project		Quarter	Year	Quarter	Year							
Advanced Techniques/Loadset/Mission Kit Developmental and Op Evaluation	perational Test &	1	2023	4	2029							
Counter Unmanned System (CUxS)		I										
Sensor/Effector Evaluation & Development		1	2023	4	2029							
Sensor/Effector Evaluation Product Development Congressional F	Plus Up	1	2023	2	2024							
System Integration / Platform Integration		1	2023	4	2029							
System Integration/Platform Integration Product Development Cor	ngressional Plus Up	1	2023	4	2024							
Developmental Test and Evaluation		1	2023	4	2029							
Operational Test and Evaluation		1	2023	4	2029							
Personnel Signature Management (PSM)		L										
Increment II / III Product Development		1	2023	4	2029							
Developmental and Operational Test & Evaluation		1	2023	4	2029							
Exhibit R-2A, RDT&E Project Ju	stification	: PB 2025 L	<b>Jnited State</b>	s Special C	Operations (	Command				Date: Mar	ch 2024	
--	--	---	--	--	--	---	---	--	---	--	--	------------------------------------
Appropriation/Budget Activity 0400 / 7		<b>R-1 Progr</b> PE 116043	<b>am Elemen</b> 31BB <i>I Warr</i>	t (Number/ rior Systems	Name)	Project (N S385A / B Equipmen	oject (Number/Name) 85A I Body Armor and Associated uipment					
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S385A: Body Armor and Associated Equipment	12.892	1.626	1.773	1.674		1.674	1.697	1.732	1.766	1.801	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
This project provides specialized Navy Sea, Air, Land (SEAL) team the mobility of SOF while conduct small unit autonomy.	equipment ns; Navy Sp ting varied r	to meet the ecial Boat I missions. Th	unique ope Jnits; Air Fo hese missio	erator prote prce Operat ons are gen	ction and su tors; and Ma erally condu	urvival requi arine Raider ucted in hars	rements of s. Specializ sh environm	SOF, to inc ed ballistic ients, for ur	lude: Army equipment nspecified p	Rangers; A improves s eriods and	rmy Specia urvivability i in locations	I Forces; mpacting requiring
<b><u><b>D.</b></u></b> Accomplishments/Planed P	dvanced P	o ili willion:		Rody Armor	Program N	lumbor 807			F	1.626	1 773	1 674
<b>Description:</b> Special Operations with the individual equipment required development, testing and evaluation eye protection and personal protection adjustments and aligns with the N	Forces Persuired to measion for a var active equips IDS by prote	sonal Equip et USSOCC iety of indiv ment to buil ecting opera	oment Adva DM unique n vidual surviv d enduring ators defend	nced Requi nissions. Th al equipme advantages ding the hol	irements (S ne SPEAR p ent systems s through m meland in a	PEAR) prov program pro including bo odernizatior multi-doma	vides the SC ovides for the ody armor, h n, innovation in threat en	PF operator e research, nelmets, n, and rapic vironment.	1			
FY 2024 Plans: Continue foreign ammunition testi equipment. Continue development systems that have been fielded. C laser lenses to upgrade systems t	ing and thre at and testin Continue eva that have be	eat validation g of lightwe aluation of t een fielded.	n to assess ight body a ransparent	effectivene rmor and h armor prod	ess of currer elmets (gro lucts which	ntly fielded p und, maritim include varia	personal pro ne, rotary wi able light tra	otective ng) to upgr ansmission	ade and			
<i>FY 2025 Plans:</i> Continues foreign ammunition tes equipment. Continues developme systems that have been fielded. C laser lenses to upgrade systems t	ting and thr nt and testi Continues ev that have be	eat validation ng of lightw valuation of een fielded.	on to asses eight body transparen	s effectiver armor and l t armor pro	ness of curre helmets (gro oducts which	ently fielded ound, maritin n include var	personal pi me, rotary v riable light ti	rotective ving) to upg ransmissior	rade n and			
FY 2024 to FY 2025 Increase/De	ecrease Sta	tement:										

Exhibit R-2A, RDT&E Project Jus	tification: PB	2025 United	States Spe	cial Operatio	ns Comman	d			Date: M	arch 2024	
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pr</b> PE 11	rogram Elen 60431BB / V	n <b>ent (Numb</b> Varrior Syste	er/Name) ems	<b>Projec</b> S385A <i>Equipn</i>	t (Number/N I Body Armo nent	ame) r and Associa	ated
B. Accomplishments/Planned Pro	ograms (\$ in N	<u>/lillions)</u>							FY 2023	FY 2024	FY 2025
Decrease of \$0.099 million is due to	o a reduction in	n test article	developmer	nt and testing	to support of	capability ad	vancements	for			
body armor, helmet and eye protec	tion systems.										
				Accon	nplishments	s/Planned P	rograms Su	ıbtotals	1.626	1.773	1.674
C. Other Program Funding Sumn	nary (\$ in Milli	ons)									
		-	FY 2025	FY 2025	<u>FY 2025</u>					<u>Cost To</u>	
Line Item	FY 2023	<u>FY 2024</u>	Base	000	<u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 202</u>	<u>8 FY 2029</u>	<u>Complete</u>	<b>Total Cost</b>
PROC/0204WARRIOR:	367.819	329.837	358.257	-	358.257	363.196	383.939	383.26	0 395.363	6 Continuing	Continuing
Warrior Systems <\$5M											_
<u>Remarks</u>											

#### D. Acquisition Strategy

The SPEAR body armor and ballistic protection equipment takes advantage of modified commercial-off-the-shelf (COTS) or non-developmental items. As the USSOCOM requires tailored solutions for SOF Mission sets, SPEAR items leveraged from industry are often on the cutting edge of technology with modifications specific for SOF missions and require substantial testing in SOF environments. The USSOCOM has cradle to grave responsibility for these items and uses the SOF Support Activity at Lexington, KY for warehousing and sustainment. Contracts in support of SPEAR are a combination of Firm Fixed Price five year Indefinite Delivery Indefinite Quantity with single vendor awards, Source America mandatory sole sources, small business set asides, and prime vendor style multiple award contracts. The SPEAR ballistic protection utilizes the Middle Tier of Acquisition (MTA) pathway for Rapid Prototyping/Rapid Fielding for increased survivability to support capability set procurements and fielding.

Exhibit R-3, RDT&E I	it R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command										Date:	March 20	)24		
Appropriation/Budge 0400 / 7				<b>R-1 Pro</b> PE 116	ogram Ele 0431BB /	ement (N Warrior	lumber/N Systems	ame)	Project S385A Equipm	(Numbe I Body Ari ent	r/Name) mor and /	Associate	d		
Product Developmen	nt (\$ in M	illions)		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOF Personal Equipment Advanced Requirement (SPEAR) - Body Armor	Various	PM-P&I : Natick, MA	3.970	0.325	Aug 2023	0.639	Mar 2024	0.490	Jun 2025	-		0.490	Continuing	Continuing	-
SPEAR - Lightweight Ballistic Helmets	Various	PM-P&I : Natick, MA	2.854	0.605	Aug 2023	0.339	Feb 2024	0.390	Feb 2025	-		0.390	Continuing	Continuing	-
SPEAR - Eye Protection	Various	PM-P&I : Natick, MA	0.517	0.131	Jun 2023	0.187	Jun 2024	0.235	May 2025	-		0.235	Continuing	Continuing	-
		Subtotal	7.341	1.061		1.165		1.115		-		1.115	Continuing	Continuing	N/A
Test and Evaluation	(\$ in Milli	ions)		FY	2023	FY	2024	FY	2025 ase	FY	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SPEAR - Body Armor Developmental Test and Evaluation	Various	PM-P&I : Natick, MA	2.895	0.125	Aug 2023	0.364	Mar 2024	0.275	Apr 2025	-		0.275	Continuing	Continuing	-
SPEAR - Body Armor Operational Test and Evaluation	Various	PM-P&I : Natick, MA	-	0.025	Aug 2023	-		0.030	Apr 2025	-		0.030	Continuing	Continuing	-
SPEAR - Lightweight Ballistic Helmet Developmental Test and Evaluation	Various	PM-P&I : Natick, MA	2.264	0.350	Aug 2023	0.134	Jun 2024	0.105	Apr 2025	-		0.105	Continuing	Continuing	-
SPEAR - Lightweight Ballistic Helmet Operational Test and Evaluation	Various	PM-P&I : Natick, MA	-	-		0.030	Jun 2024	0.030	Apr 2025	-		0.030	Continuing	Continuing	-
SPEAR - Transparent Armor Developmental Test and Evaluation	Various	PM-P&I : Natick, MA	0.392	0.065	Jul 2023	0.070	Mar 2024	0.089	Apr 2025	-		0.089	Continuing	Continuing	-
SPEAR - Transparent Armor Operational Test and Evaluation	Various	PM-P&I : Natick, MA	-	-		0.010	Mar 2024	0.030	Apr 2025	-		0.030	Continuing	Continuing	-
		Subtotal	5.551	0.565		0.608		0.559		-		0.559	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command												
Appropriation/Budget ActivityR-1 Program Element (Number/Name)Project0400 / 7PE 1160431BB / Warrior SystemsS385AEquipmentEquipment									(Number/Name) Body Armor and Associated ent			
	Prior Years	FY 2023	FY 2024	FY 20 Bas	025 FY e O	2025 F CO	Y 2025 Total	Cost To Complete	Total Cost	Target Value of Contract		
Project Cost Tot	l <b>s</b> 12.892	1.626	1.773	1.674	-		1.674	Continuing	Continuing	N/A		

Remarks



xhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command Date: March 2024						
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	Project (N S385A / Be Equipment	umber/Name) ody Armor and Associated			

# Schedule Details

	St	art	End		
Events by Sub Project	Quarter	Year	Quarter	Year	
SOF Personal Equipment Advanced Requirement (SPEAR)-Body Armor					
Body Armor Product Development	1	2023	4	2029	
Lightweight Ballistic Helmets Product Development	1	2023	4	2029	
Eye Protection Product Development	1	2023	4	2029	
Body Armor Developmental and Operational Test & Evaluation	1	2023	4	2029	
Lightweight Ballistic Helmets Developmental and Operational Test & Evaluation	1	2023	4	2029	
Transparent Armor Developmental and Operational Test & Evaluation	1	2023	4	2029	

Exhibit R-2A, RDT&E Project J	ustification	: PB 2025 l	Jnited State	s Special C	Operations (	Command				Date: Ma	rch 2024	
Appropriation/Budget Activity 0400 / 7		<b>R-1 Progr</b> PE 116043	am Elemen 31BB / Warr	t (Number/ rior Systems	<b>Project (N</b> S395 I Vis Sensor Sy	<b>oject (Number/Name)</b> 95 I Visual Augmentation, Lasers and nsor Systems						
COST (\$ in Millions)	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost		
S395: Visual Augmentation, Lasers and Sensor Systems	23.768	4.808	5.152	i.152 4.824	-	4.824	4.834	4.930	5.028	5.13	0 Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
This project supports the develop markers and designators; geo-lo and clandestine pointers; infrare and decision making information <b>B. Accomplishments/Planned I</b>	pment, testir ocation and ta d imaging de n. <b>Programs (</b> §	ng and integ argeting sys evices; and <b>5 in Million</b> s	gration of So stems; weag simulators <u>s)</u>	D-peculiar v pon mounte and training	visual augm ed optics an g devices th	entation dev d aiming las at provide th	vices to incl sers; sensor ne individua	ude: binocu s and deteo I SOF oper	ilar and mo ction syster ator with su	nocular nig ns; weapor perior batt 7 2023	ht vision dev n mounted vi le space awa	vices; laser sible lights areness FY 2025
Title: Visual Augmentation Syste	ems (VAS) O	ptics and L	asers, Prog	ram Numbe	er 810					4.808	4.662	4.361
<b>Description:</b> The sensor techno spectral, fusion, and other senso enhanced situational awareness enable SOF operators to detect, Hyper Enabled Operator (HEO) a	logies being r types. Dev , greater data identify, ass applications	developed elopmental a, and imag ess, and er are support	include the efforts will be processing age targe red by this e	rmal imagir continue to g/filtering. ts at greate ffort.	ng and inten pursue redu Bullet trace er ranges to	nsification, sl uced weight , wind speed include som	hortwave in , increased d/direction, a ne efforts tha	frared, mult range, and sensor at are tied t	i- s that o			
FY 2024 Plans: Continue development and testin data/images, target acquisition, a sensors and augmented reality d with distributed algorithm process of our operators through SOF ex	ng of visual a and training. lisplays prov sing for a co peditionary e	ugmentatic Continue S iding enhar mmon oper equipment a	n systems a ystem Integ aced threat ating picture and network	and laser d ration/HEC detection. F e. Ability to s to provide	evices to im ) developme Real-time, sl significantly e the force v	nprove situat ent to includ hared imagi y increase th with more le	tional aware e integrated ng and sens ne speed ar thal and de	eness, shar I head-mou sor discove Id effective cisive effec	ing of inted ry ness ts.			
<i>FY 2025 Plans:</i> Continues development of visual images, target acquisition, and tr sensors and augmented reality d with distributed algorithm process of our operators through SOF ex	augmentation aining. Cont lisplays prov sing for a co peditionary of	on systems inues Syste iding enhar mmon oper equipment a	and laser of m Integration need threat of ating pictur and network	evices to ir on/HEO de detection. F e. Ability to s to provide	nprove situa velopment t Real-time, sl significantly e the force v	ational awar to include in hared imagi y increase th with more le	reness, shar tegrated hea ng and sens ne speed ar thal and de	ring of data ad-mounted sor discove ad effective cisive effec	ry ness ts.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United State	es Special Operations Command	Date	: March 2024	
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160431BB <i>I Warrior Systems</i>	Project (Number S395 / Visual Au Sensor Systems	e <b>r/Name)</b> Igmentation, La	sers and
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
Begins to lay a foundation for next generation night vision, long ran integration that incorporates new developments in Artificial Intellige individual operators that is on-time, accurate, and facilitates maxim smaller form/factor end items that provide multi-spectral operations components.	ge optics, power and data efficiency, and communication ince (AI) designed to provide information accessibility to um effectiveness of SOF operators. Combining capabilitie under all conditions to capitalize on new efforts to miniat	es in urize		
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.301 million is due to a reduction of developmental a	and operational test and evaluation efforts.			
Title: VAS Simulator, Program Number 810			- 0.490	0.463
<b>Description:</b> Develop and field state-of-the-art virtual training systemest, evaluate and support certification of the individual SOF Termin battlefield commanders with the ability to plan, coordinate, and exe Support the development and integration of three different versions Attack Controller virtual simulators designed to provide hands-on, lievaluate SOF operator's proficiency at pre-mission planning, battle assessment, proper choice of fire support platform, communication capabilities all designed to validate the requalification of operators risk of fratricide.	ems that simulate real-world combat missions designed to hal Attack Controllers that are critical enablers providing cute air-to-ground, indirect and surface fire support mission (Immersive Dome, Desktop, and Deployable) of SOF Te ife-like, instructor observed, combat scenarios that train a field awareness, mission comprehension, target location efficiency, battle damage assessment, and post reporting to perform this valuable battlefield mission while reducing	ons. rminal nd and 3 the		
<b>FY 2024 Plans:</b> Continue development and testing of Immersive, Desktop and Dep scenarios to fully evaluate the SOF operator's ability to evaluate a g to support ground forces engaged with enemy combatants. Ensure maintain the same baseline software configuration and electromage training across the force.	loyable systems to ensure simulators provide approved given set of conditions and correctly engage available as a systems are compatible with other Service systems and netic modeling and simulation packages to maintain cons	sets istent		
<b>FY 2025 Plans:</b> Continues development of all three versions of the simulators to incomponents to ensure a common baseline is achieved and maintait to simulators to maximize user interactions.	clude upgrading existing and future software and hardwar ned across all platforms and locations. Focus on improve	e ments		
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.027 million is due to reduction in VAS Simulator pro-	oduct development and improvements.			
	Accomplishments/Planned Programs Sul	ototals 4.8	08 5.152	4.824

Exhibit R-2A, RDT&E Project Just	cial Operatio	ns Comman	d		Date: March 2024							
Appropriation/Budget Activity 400 / 7				<b>R-1 Pr</b> PE 11	r <b>ogram Elen</b> 60431BB / <i>V</i>	nent (Numb Varrior Syste	er/Name) ms	<b>Project (Number/Name)</b> S395 I Visual Augmentation, Lasers and Sensor Systems				
C. Other Program Funding Summ	ary (\$ in Milli	ons <u>)</u>										
			FY 2025	<u>FY 2025</u>	<u>FY 2025</u>					<u>Cost To</u>		
Line Item	FY 2023	FY 2024	Base	000	Total	FY 2026	FY 2027	FY 2028	FY 2029	Complete	<b>Total Cost</b>	
PROC/0204WARRIOR:	367.819	329.837	363.900	-	363.900	364.557	384.424	383.245	396.089	Continuing	Continuing	
Warrior Systems<\$5M										-	-	

#### <u>Remarks</u>

#### D. Acquisition Strategy

Evolutionary acquisition and leveraging emerging technologies. An evolutionary approach delivers capability in increments, recognizing up front the need for future capability improvements. Full and open competition contracts are a combination of five-year Firm Fixed Price, Indefinite Delivery Indefinite Quantity and small business set asides at several locations, primarily via Naval Surface Warfare Center, Crane Contracting Office, the USSOCOM Contracting Office, and other contracting offices. VAS utilizes the Middle Tier of Acquisition (MTA) pathway for Rapid Prototyping/Rapid Fielding to support capability set procurements and fielding for increased survivability.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Speci							ns Comma	nd			Date: March 2024					
Appropriation/Budget Activity 0400 / 7							ogram Ele 0431BB /	ment (N Warrior S	l <b>umber/N</b> a Systems	ame)	<b>Project (Number/Name)</b> S395 I Visual Augmentation, Lasers and Sensor Systems					
Product Developmen	nt (\$ in M	illions)	ſ	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Award Award Cost Date Cost					Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Visual Augmentation Systems (VAS) Optics and Lasers	C/CPFF	USSOCOM : Tampa, FL	11.653	2.708	Jan 2023	4.062	Feb 2024	-		-		-	Continuing	Continuing	-	
Next Gen Scopes VAS Digital Reflex Sight (DRS) Development	C/CPFF	USSOCOM : Tampa, FL	-	0.800	Aug 2023	-		-		-		-	0.000	0.800	-	
VAS Day-And-Night Heads-Up Display (DANHUD)	C/CPFF	USSOCOM : Tampa, FL	-	1.000	May 2023	-		-		-		-	0.000	1.000	-	
Emergent VAS Tactical Identify Friend or Foe	Various	USSOCOM : Tampa, FL	-	-		-		0.300	Feb 2025	-		0.300	Continuing	Continuing	-	
Emergent VAS Enhanced Night Vision Binocular (ENVision-B)	Various	USSOCOM : Tampa, FL	-	-		-		2.500	Feb 2025	-		2.500	Continuing	Continuing	-	
Emergent VAS Slick Sight (CQS)	Various	USSOCOM : Tampa, FL	-	-		-		0.800	May 2025	-		0.800	Continuing	Continuing	-	
Emergent VAS Optics and Lasers Tactical Augmented Reality - Laser Early Warning Device	Various	USSOCOM : Tampa, FL	-	-		-		0.381	Jun 2025	-		0.381	Continuing	Continuing	-	
Emergent VAS Modular Battery Pack	Various	USSOCOM : Tampa, FL	-	-		-		0.380	Jun 2025	-		0.380	Continuing	Continuing	-	
VAS Simulator	C/CPFF	USSOCOM : Tampa, FL	2.453	-		0.490	May 2024	0.463	May 2025	-		0.463	Continuing	Continuing	-	
Prior Year	C/CPFF	USSOCOM : Tampa, FL	5.400	-		-		-		-		-	0.000	5.400	-	
Prior Year Overseas Contingency Operations (OCO)	C/CPFF	USSOCOM : Tampa, FL	2.667	-		-		-		-		-	0.000	2.667	-	
		Subtotal	22.173	4.508		4.552		4.824		-		4.824	Continuing	Continuing	N/A	

Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	2025 Unite	ed States	Special C	Operatior	is Comma	ind		Date: March 2024					
Appropriation/Budge 0400 / 7	et Activity	/		<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0431BB /	ement (N Warrior S	lumber/N Systems	<b>Project (Number/Name)</b> S395 I Visual Augmentation, Lasers and Sensor Systems							
Test and Evaluation	(\$ in Milli	ions)		FY 2023		FY 2024		FY 2025 Base		2025 FY 2 ase O		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	ior Award Award Award Award ars Cost Date Cost Date Cost Date Cost						Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
VAS Optics and Lasers Developmental Test and Evaluation	C/CPFF	USSOCOM : Tampa FL	0.400	0.100	Aug 2023	0.160	Aug 2024	-		-		-	Continuing	Continuing	
VAS Optics and Lasers Operational Test and Evaluation	C/CPFF	USSOCOM : Tampa, FL	0.600	0.100	Aug 2023	0.140	Aug 2024	-		-		-	Continuing	Continuing	
Next Gen Scopes VAS MAS-N Squad Short Developmental Test and Evaluation	C/CPFF	USSOCOM : Tampa, FL	-	-		0.100	Apr 2024	-		-		-	Continuing	Continuing	-
Next Gen Scopes VAS MAS-N Squad Short Operational Test and Evaluation	C/CPFF	USSOCOM : Taampa, FL	-	-		0.100	Nov 2024	-		-		-	Continuing	Continuing	-
Next Gen Laser VAS HEAK Development Test and Evaluation	C/CPFF	USSOCOM : Tampa, FL	-	0.100	May 2023	-		-		-		-	0.000	0.100	-
Next Gen Laser VAS HEAK Operational Test and Evaluation	C/CPFF	USSOCOM : Tampa, FL	-	-		0.100	Nov 2024	-		-		-	Continuing	Continuing	-
Prior Year	C/CPFF	USSOCOM : Tampa, FL	0.595	-		-		-		-		-	0.000	0.595	-
		Subtotal	1.595	0.300		0.600		-		-		-	Continuing	Continuing	N/A
			Prior Years	FY	2023	FY 2	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	23.768	4.808		5.152		4.824		-		4.824	Continuing	Continuing	N/A

Remarks



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Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160431BB / Warrior Systems	<b>Project (Number/Name)</b> S395 I Visual Augmentation, Lasers and Sensor Systems

# Visual Augmentation Systems (VAS) Optic Schedule



#### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity 0400/7 PE 1160431BB / Warrior Systems S395 I Visual Augmentation, Lasers and Sensor Systems Visual Augmentation Systems (VAS) Laser Schedule FY27 FY28 FY29 FY23 FY25 FY26 Activity 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 1 2 3 4 1 2 3 4 Time Now Procurement Squad Aiming Laser (SAL) LA-23 PEQ Squad Aiming Laser – Ultra High Power (SAL UHP) Ranging Aiming Laser (RAL) Handoun Aiming Laser (HAL) Small Target Location Device (TLD) Beacons SOF Activity Set - Europe (SAS-E) Production Support 0&M VAS Systems Sustainment FOC 🛕 Milestone Contract Award Major Event RDT&E Procurement 0&M Previously Reported

# UNCLASSIFIED Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity S395 I Visual Augmentation, Lasers and 0400/7 PE 1160431BB / Warrior Systems Sensor Systems Visual Augmentation Systems (VAS) Simulator Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 1 2 3 4 1 2 Activity RDT&E: VAS Product Development (Simulator) Procurement Simulator (Deployable/Portable, Classroom/Desktop, Emulated Military Equipment Package) O&M: VAS Simulator Sustainment A FOC A Milestone Contract Award A Major Event RDT&E I Procurement CO&M A Previously Reported

hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Oper	ations Command			Date: Marc	ch 2024
propriation/Budget Activity 00 / 7	R-1 Program Element ( PE 1160431BB / Warrior	Number/Name) Systems	c <b>t (Number/Name)</b> I Visual Augmentation, Lasers a or Systems		
Sch	nedule Details				
		Start		E	nd
Events by Sub Project	Quar	ter Ye	ar	Quarter	Year
Visual Augmentation Systems (VAS)					
Optics-Product Development	1	20	23	4	2029
Optics-Developmental and Operational Test & Evaluation	1	20	23	4	2024
Optics-Developmental and Operational Test & Evaluation Continued	1	20	26	4	2029
Simulator-Product Development	1	20	23	4	2029

Exhibit R-2A, RDT&E Project Ju	ustification	: PB 2025 L	<b>Jnited State</b>	es Special C	Operations C	Command				Date: Mar	ch 2024	
Appropriation/Budget Activity 0400 / 7		<b>R-1 Progr</b> PE 116043	<b>am Elemen</b> 31BB <i>I Warr</i>	t (Number rior System	Project (N S700 / Co Electronic	roject (Number/Name) 700 I Communications Equipment and lectronics Systems						
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S700: Communications Equipment and Electronics Systems	107.257	45.840	92.602	87.257	-	87.257	79.895	92.131	88.011	89.780	Continuing	continuing
Quantity of RDT&E Articles	-	-	-	-	-							
effort to develop smaller, lighter, The USSOCOM C4 systems con organizational echelons. The C4 integration within the Global Info combination in multiple environm	more efficie nprise an int l systems th rmation Gric nents.	nt and more regrated net at support t I (GIG). The	e robust SC twork of sys his new arc e GIG is a n	OF comman stems provio chitecture en nultitude of	d, control, c ding positive mploy the la existing and	communicati e command atest standa I projected r	ons, and co and contro rds and tec national ass	omputer (C4 I and the tin hnology by sets that allo	<ul> <li>capabilitie</li> <li>nely exchan</li> <li>transitioning</li> <li>ws SOF ele</li> </ul>	es. ge of inforn g from sepa ements to o	nation to all arate systen operate with	ns to full any force
B. Accomplishments/Planned F	Programs (	in Million	<u>s)</u>						F١	<b>2023</b>	FY 2024	FY 2025
Title: Satellite Deployable Node	(SDN), Prog	ram Numbe	er 757							3.686	3.878	4.698
<b>Description:</b> The SDN is a family systems providing deployed SOF capacity, voice, data, video teleco Light, Medium, and Heavy subpro technology insertions and Capita across multiple domains and thea	y of deploya users with onferencing ograms, trar I Equipment aters, suppo	ble, super h the transpor (VTC), and nsport for in Replacement rting the mat	high frequer rt path for a full motion telligence v ent (CERP) ajor goals o	ncy, multi-b. ccess to the video (FMN ariants, wid . The SDN f the 2022 f	and, satellit e SOF Infor /) at all leve le-band com program's c National De	e communic mation Envi Is of classifi nmunication apabilities e fense Strate	cations (SA ironment (S cation. It cc s-on-the-me enable comi egy.	TCOM) IE) for high- onsists of SI ove (COTM munications	- DN ), ;			
<i>FY 2024 Plans:</i> Continue assessments, tests, and Continue assessments in SWAP constellations and terminals. Col	d evaluation reduction ad ntinue evalu	s for wide-b cross all SD ation of res	oand COTM N systems. ilience of sy	l maritime, g Continue /stems in a	ground mob evaluation o degraded c	ile, and airb of High Thrc communicati	oorne techn oughput Sat	ologies. ellite (HTS) nment.				
<i>FY 2025 Plans:</i> Continues assessments, tests, and evaluations for wide-band COTM maritime, ground mobile, and airborne technologies. Continues assessments in SWAP reduction across all SDN systems. Continues evaluation of HTS constellations and terminals. Continues evaluation of resilience of systems in a degraded communications environment.												
FY 2024 to FY 2025 Increase/De	ecrease Sta	tement:										

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special		Date: M	arch 2024		
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 1160431BB <i>I Warrior Systems</i>	Project S700 / Electro	t (Number/N Communicationics System	l <b>ame)</b> tions Equipmo s	ent and
B. Accomplishments/Planned Programs (\$ in Millions)		Γ	FY 2023	FY 2024	FY 2025
Increase of \$0.820 million supports HTS test airtime and protected communic	ations test articles.				
Title: Mission Command System/Common Operational Picture (MCS/COP), I	Program Number 841		30.257	43.335	24.734
<b>Description:</b> MCS/COP is a system of systems that provides shared situation domains at the tactical, operational, and strategic levels. The MCS/COP ecosy the operational environment to support decision making. The MCS/COP ecosy operating in Combined Joint All Domain Command and Control (CJADC2) enfocus on integrated deterrence campaigning, irregular warfare, crisis, and correct operations are constructed by the systems of	nal awareness for SOF Commanders across al system delivers a near-real time understanding system is central to the USSOCOM's approach vironments and directly supports the USSOCO offlict.	of to M's			
<i>FY 2024 Plans:</i> Continue investment in prototyping and tech insertion of emerging technologic capabilities into a loosely coupled backend architecture enabling shared situat This includes a heavy investment in artificial intelligence, advanced analytics, Continue exercise and limited objective test event support based on dynamic on the INDOPACOM and EUCOM AORs.	es to enable integration of existing disparate so tional awareness across SOF and the Joint Fo and an open and extensible data layer/fabric. and emergent operational requirements with a	ftware ce. focus			
<b>FY 2025 Plans:</b> Continues investment in data layer/fabric with focus on integrating disparate s intelligence to reduce operator cognitive burden in support of more effective of and tech insertion of emerging technologies, integration of existing and develop backend architecture for Command data centricity. Continues exercise and lin operational requirements and strategic 2022 National Defense Strategy them	SOF data sets with advanced analytics and arti commander decision making. Continues prototy opment of new software capabilities into open nited objective test event support based on em es.	icial ping ergent			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$18.601 million is due to a reduction in program baseline capabil enterprise on UNCLASSIFIED, SECRET and TOP SECRET networks. With r steady state of development supporting SOF unique activities and CJADC2 in	lities being developed/deployed to the SOF new deployments slowing, the program is movir nitiatives.	ıg to a			
Title: Classified Program(s)			11.897	45.389	57.825
Description: Details provided under separate cover.					
FY 2024 Plans: Details provided under separate cover.					
FI 2029 FIGIIS.					

Exhibit R-2A, RDT&E Project Jus		Date: March 2024									
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pr</b> PE 11	<b>ogram Elen</b> 60431BB / <i>V</i>	n <b>ent (Numb</b> Varrior Syste	Project S700 / C Electror	ject (Number/Name) 0 I Communications Equipment and ctronics Systems			
B. Accomplishments/Planned Pro	ograms (\$ in N	<u>/lillions)</u>							FY 2023	FY 2024	FY 2025
Details provided under separate co	ver.										
FY 2024 to FY 2025 Increase/Dec Increase of \$12.437 million provide	rease Statem d under separa	e <i>nt:</i> ate cover.									
				Accon	nplishments	s/Planned P	rograms Su	btotals	45.840	92.602	87.257
C. Other Program Funding Sumn	nary (\$ in Milli	ons <u>)</u>									
			FY 2025	<u>FY 2025</u>	<u>FY 2025</u>					<u>Cost To</u>	
Line Item	FY 2023	FY 2024	Base	000	<u>Total</u>	<u>FY 2026</u>	FY 2027	FY 2028	FY 2029	<u>Complete</u>	Total Cost
<ul> <li>PROC/0204WARRIOR:</li> </ul>	367.819	329.837	358.257	-	358.257	363.196	383.939	383.260	395.363	Continuing	Continuing
Warrior Systems<\$5M											-
PROC/0204OTHER:	101.173	108.816	79.015	-	79.015	80.968	95.025	96.990	92.743	Continuing	Continuing
OTHER ITEMS <\$5M											

#### <u>Remarks</u>

#### D. Acquisition Strategy

The SDN is a fielded program with Evolutionary Technology Insertions (ETI) into all variants: Heavy, Medium, and Light, and wide-band COTM. Commercial and government agency sources will be leveraged for required certifications, functional and operational tests, and acceptance support. The SDN program has been redesignated a Major Capability Acquisition Program (ACAT III) at Milestone C in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85 along with the Acquisition Executive Memorandum for PEO TIS, dated 08 December 2023. The current acquisition approach leverages proven technology to accelerate capability delivery and modernization in the form of evolutionary technology insertions. Using commercially proven technology speeds integration, required certifications, functional tests, and acceptance support.

The MCS/COP program employs the software acquisition pathway to facilitate rapid and iterative delivery of operational software capabilities to meet dynamic SOpeculiar missions to achieve the USSOCOM's vision of obtaining strategic, asymmetric advantages for the nation in integrated deterrence campaigning, irregular warfare, crisis, and conflict. The MCS/COP implements a modular open systems approach that leverages commercial and government sources, including Science and Technology and Small Business Innovative Research programs within and outside of the USSOCOM, to quickly prototype, integrate, test, and deploy emerging technologies for decision support in all domains. The MCS/COP leverages a Government/Commercial Off-the-Shelf first strategy that maximizes use of open-source software and capitalize on investments from services and other government agencies to deliver capability across all levels of war (tactical, operational, strategic) that is integrated with the Joint Force to enable effective SOF operations in a Joint All Domain Command and Control (JADC2) environment.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Speci							al Operations Command							Date: March 2024				
Appropriation/Budge 0400 / 7	ppropriation/Budget Activity 400 / 7							<b>R-1 Program Element (Number/Name)</b> PE 1160431BB / Warrior Systems						<b>Project (Number/Name)</b> S700 / Communications Equipment and Electronics Systems				
Product Developmer	nt (\$ in Mi	illions)		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total						
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract			
SDN Communications- On-The-Move Product Development	Various	Various : Various	24.985	0.821	Nov 2022	0.750	Feb 2024	0.762	Dec 2024	-		0.762	Continuing	Continuing	-			
SDN Reduction in Size, Weight, and Power (SWAP) Product Development	Various	Various : Various	-	0.552	Mar 2023	0.268	Feb 2024	0.262	Feb 2025	-		0.262	Continuing	Continuing	-			
SDN Next Generation High Throughput Satellite (HTS) Product Development	Various	Various : Various	0.450	0.795	Mar 2023	1.200	Feb 2024	1.965	Dec 2024	-		1.965	Continuing	Continuing	-			
SDN System Resiliency / Interference Mitigation in a Degraded Communications Environment Product Development	Various	Various : Various	0.050	0.012	Feb 2023	0.150	Feb 2024	0.143	Feb 2025	-		0.143	Continuing	Continuing	-			
Mission Command System Common Operational Picture (MCS/COP) Prototyping & Tech Insertion: Emerging Technology Acceleration	C/Various	Various : Various	5.622	7.817	Mar 2023	12.000	Feb 2024	9.734	Feb 2025	-		9.734	Continuing	Continuing	-			
MCS/COP Modular Open Systems Approach	C/Various	Various : Various	-	8.039	Mar 2023	11.435	Mar 2024	8.000	Mar 2025	-		8.000	Continuing	Continuing	-			
MCS/COP Artificial Intelligence & Analytics	C/Various	Various : Various	-	6.000	Jun 2023	8.500	Jun 2024	4.000	Jun 2025	-		4.000	Continuing	Continuing	-			
MCS/COP Data Layer/ Fabric	C/Various	Various : Various	-	6.000	Mar 2023	9.000	Jan 2024	3.000	Jan 2025	-		3.000	Continuing	Continuing	-			
Classified Programs	C/Various	Various : Various	46.536	11.448		43.699		55.925		-		55.925	Continuing	Continuing	-			
Prior Year Funding	C/Various	Various : Various	1.787	-		-		-		-		-	0.000	1.787	-			
	<u>.</u>	Subtotal	79.430	41.484		87.002		83.791		-		83.791	Continuing	Continuing	N/A			

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	Special (	Operation	is Comma	ind			Date: March 2024								
Appropriation/Budge 0400 / 7	ppropriation/Budget Activity 400 / 7						<b>R-1 Program Element (Number/Name)</b> PE 1160431BB / Warrior Systems						<b>Project (Number/Name)</b> S700 / Communications Equipment and Electronics Systems				
Test and Evaluation	(\$ in Milli	ons)	ſ	FY 2	2023	FY 2024		FY 2025 Base		FY 2	2025 CO	125 FY 2025 O Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
SDN Communications-On- The-Move Developmental Testing	Various	Various : Various	20.722	0.380	Dec 2022	0.380	Jan 2024	0.392	Dec 2024	-		0.392	Continuing	Continuing	-		
SDN Reduction in Size, Weight, and Power (SWAP) Developmental Testing	Various	Various : Various	0.240	0.200	Dec 2022	0.241	Jan 2024	0.251	Feb 2025	-		0.251	Continuing	Continuing	-		
SDN Next Generation High Throughput Satellite (HTS) Developmental Testing	Various	Various : Various	0.358	0.380	Dec 2022	0.344	Jan 2024	0.360	Dec 2024	-		0.360	Continuing	Continuing	-		
SDN System Resiliency / Interference Mitigation in a Degraded Communications Environment Developmental Testing	Various	Various : Various	0.575	0.546	Feb 2023	0.545	Jan 2024	0.563	Jan 2025	-		0.563	Continuing	Continuing	-		
MCS/COP Exercise & Limited Objective Operational Test Events	C/Various	Various : Various	3.222	2.401	Mar 2023	2.400	Mar 2024	-		-		-	Continuing	Continuing	-		
Classified Programs	MIPR	Various : Various	2.710	0.449		1.690		1.900		-		1.900	Continuing	Continuing	-		
		Subtotal	27.827	4.356		5.600		3.466		-		3.466	Continuing	Continuing	N/A		
			Prior Years	FY	2023	FY 2	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract		
Project Cost Totals         107.257         45.840						92.602 87.257 -				-		87.257	Continuing	Continuing	N/A		

**Remarks** 







Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command Date: March 2024									
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	Project (N S700 / Cor Electronics	umber/Name) mmunications Equipment and s Systems						

# Schedule Details

	St	art	End		
Events by Sub Project	Quarter	Year	Quarter	Year	
Satellite Deployable Node (SDN)					
Communication-on-the-Move (COTM) Product Development & Developmental Testing	1	2023	4	2029	
Reduction in Size, Weight, and Power (SWaP) Product Development & Developmental Testing	1	2023	4	2029	
Next Generation High Throughput (HTS) Satellite Product Development & Developmental Testing	1	2023	4	2029	
System Resiliency / Interference Mitigation in Degraded Communications Environment Evaluation Product Development & Developmental Testing	1	2023	4	2029	
Mission Command System/Common Operational (MCS/COP)					
Prototyping & Tech Insertion: Emerging Technology Acceleration	1	2023	4	2029	
Exercise & Limited Objective Operational Test Events	1	2023	4	2029	
Software Acquisition Pathway: Modular Open Systems Approach, Artificial Intelligence & Analytics, Data Layer/Fabric	1	2023	4	2029	

xhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024													
Appropriation/Budget Activity 0400 / 7		<b>R-1 Progra</b> PE 116043	<b>am Elemen</b> 31BB / <i>Warr</i>	t (Number/ ior Systems	<b>Project (N</b> S710 / Tac	Number/Name) ctical Systems Development							
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost	
S710: Tactical Systems Development	26.604	21.872	58.821	52.497	-	52.497	47.628	49.784	53.891	54.969	Continuing	Continuing	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

#### A. Mission Description and Budget Item Justification

This project provides for development, testing, and integration of specialized automation equipment to meet the unique requirements of Special Operations Forces (SOF). Specialized automation equipment will permit small, highly trained forces to conduct required operations across the entire spectrum of conflict. These operations are generally conducted in harsh environments, for unspecified periods and in locations requiring small unit autonomy. SOF must infiltrate by land, sea, and air to conduct unconventional warfare, direct action, or deep reconnaissance operations in denied areas against insurgent units, terrorists, or highly sophisticated threat forces. The requirement to operate in denied areas controlled by a sophisticated threat mandates that SOF systems remain technologically superior to threat forces to ensure mission success. The project also supports SOF mission planning and execution capabilities as well as initiatives to assure the interoperability and commonality of these capabilities across diverse air, ground and maritime systems.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: Tactical Local Area Network (TACLAN), Program Number 745	2.390	3.599	3.530
<b>Description:</b> The TACLAN supports the three major goals of the 2022 National Defense Strategy by providing enterprise data center like computational platform that connects multiple warfighting domains, theaters, and spectrum of conflict while transporting critical information through the Satellite Deployable Node program. The data collected at these vast locations help synchronize and inform broader Department efforts while improving our ability to share information with our Allies. Further development of TACLAN provides advanced computational platforms that are capable of performing Artificial Intelligence and Machine learning locally without the need of transporting massive amounts of data and congesting global networks.			
FY 2024 Plans: Continue integration and testing of TACLAN Field Computing Device (FCD) Evolutionary Technology Insertions (ETIs). Continue the development of Graphical Processing Unit (GPU) computing capabilities for integration and assessment of the TACLAN Suites.			
FY 2025 Plans: Continues integration and testing of TACLAN FCD ETIs. Continues the development of GPU computing capabilities for integration and assessment of TACLAN suites.			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$.069 million is due to a reduction in test system quantity.			
Title: Special Operations Mission Planning and Execution (SOMPE), Program Number 838	-	24.603	20.498

#### Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity PE 1160431BB *I Warrior Systems* S710 I Tactical Systems Development 0400/7 B. Accomplishments/Planned Programs (\$ in Millions) FY 2023 FY 2024 FY 2025 Description: The SOMPE program develops, integrates, tests, and validates software enhancements required to meet SOpeculiar requirements for, and correct deficiencies to, mission planning, preview, and execution software tools to support all phases of SOF operations from deliberate to time-critical. SOMPE automates time-sensitive planning activities and provides enhanced situational awareness during mission execution. SOMPE provides the interoperable environment for SOF adaptive planning to integrate global operations including, but not limited to, precision strike software, digital navigation, and Unmanned Aerial Systems (UAS) command and control. This program also provides the integration of SOMPE with multi-dimensional visualization systems, providing immersive mission rehearsal in minimal timeframes from the SOMPE mission plan. SOMPE is embedded in the United States Special Operations Command (USSOCOM) Headquarters, Theater Special Operations Commands (TSOC), Joint Special Operations Task Forces, Joint Special Operations Aviation Components, SOF warfighters, and SOF warfighter platforms directly supporting the 2022 National Defense Strategy's focus on integrated deterrence, crisis, and conflict. FY 2024 Plans: The program is in the execution phase of the software acquisition pathway and will continue product development of mission planning and execution software solutions from commercial and government sources to design, develop, operationally test, and deliver software quickly and iteratively based on dynamic and emergent operational requirements. FY 2025 Plans: Continues investment in agile software development and user centered design events to facilitate regular delivery throughout the Fiscal Year (FY) of new software capabilities for user evaluation and feedback and operational deployment. Continues exercise and limited objective test event support based on dynamic and emergent operational requirements. FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$4.105 million is due to a single year increase in FY 2024 for Unmanned Systems Autonomy development combined with efficiencies in scale resulting from multiple waterfall application development to a singular agile software product for mission planning. *Title:* Classified Program(s) 30.619 28,469 **Description:** Details provided under separate cover. FY 2024 Plans: Details provided under separate cover. FY 2025 Plans: Details provided under separate cover. FY 2024 to FY 2025 Increase/Decrease Statement:

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command											
Appropriation/Budget Activity 0400 / 7				<b>R-1 P</b> I PE 11	r <b>ogram Eler</b> 60431BB / V	nent (Numbe Varrior Syster	e <b>r/Name)</b> ns	Proje S710	<b>ct (Number/I</b> / Tactical Sys	<b>lame)</b> tems Develop	oment
B. Accomplishments/Planned Pro	grams (\$ in I	<u>/lillions)</u>						[	FY 2023	FY 2024	FY 2025
Details for decrease of \$2.150 millio	n provided ur	der separate	e cover.								
				Accon	nplishment	s/Planned Pr	ograms Sub	ototals	2.390	58.821	52.497
							FY 2023	FY 2	024		
Congressional Add: Identity Manag	-										
FY 2023 Accomplishments: Detail											
Congressional Add: Next Generati	on Intelligenc	e, Surveillan	ce, and Rec	onnaissance	e SOF Enha	ncement	9.847	7	-		
FY 2023 Accomplishments: Detail	s provided un	der separate	cover.								
				Cong	ressional A	dds Subtota	<b>s</b> 19.482	2	-		
C. Other Program Funding Summa	ary (\$ in Milli	ons)									
			<u>FY 2025</u>	<u>FY 2025</u>	FY 2025					Cost To	
	FY 2023	FY 2024	Base	<u>000</u>	<u>Total</u>	FY 2026	FY 2027	FY 202	28 FY 202	9 Complete	Total Cost
OTHER ITEMS <\$5M	101.175	100.010	79.015	-	79.015	00.900	95.025	90.93	90 92.74	5 Continuing	Continuing
<u>Remarks</u>											
D Acquisition Strategy											
TACLAN - The TACLAN program ha	as been desid	nated a Mai	or Capability	Acquisition	Program (A	CAT III) at Mi	lestone C in	accorda	ance with the	authority in D	oD
Directive 5135.02 and the guidance	in DoD Instru	iction 5000.8	5 along with	n the Acquisi	tion Executiv	ve Memorand	um for PEO	TIS, da	ted 08 Decer	nber 2023. E	volutionary
Technology Insertion (ETI) updates	will be used t	o sustain an	d rapidly fiel	d production	quantities o	of systems wit	h proven tec	hnologi	es to provide	tactical SOF	elements
from the individual operator to a large	per Joint Spec	ons that sup	ns Task Fore	ce (JSOTF) / and and Con	(Special Op	erations Joint		(SOJT	<ul> <li>Headquart</li> <li>analysis</li> </ul>	ers (HQ), sup and reporting	oort
office automation, decision-making,	mission analy	/sis, planning	g, rehearsal	, and execut	ion support.	Commercial a	and governm	ient sou	irces are leve	raged for req	uired
certifications, system level integration	on, functional,	and operation	onal testing	and evaluati	ons.		•				
SOMPE - The SOMPE program em	plovs the soft	ware acquisi	tion nathwa	v to facilitate	e ranid and i	terative produ	ict developm	ent and	l delivery of s	oftware soluti	ons
using modern software developmen	t practices su	ch as agile s	oftware dev	elopment, D	evelopment	, Security and	Operations	(DevSe	cOps), and le	ean practices.	SOMPE
implements a modular open system	s approach th	at leverages	commercia	I and govern	ment source	es, including S	Science and	Techno	logy and Sm	all Business Ir	nnovative
Research programs within and outs	ide of the US	SOCOM, to ( a design, de	quickly proto	otype, integra	ate, test, and and deliver	l deploy emer	ging technol	ogies fo a dvpan	or decision su	pport in all do	mains.
operational requirements to achieve	the USSOC	DM's vision of	of obtaining	strategic, as	ymmetric ad	vantages for	the nation in	integra	ted deterrenc	e, crisis, and	conflict.
operational requirements to achieve	the USSOC	DM's vision o	of obtaining	strategic, as	ymmetric ad	vantages for	the nation in	integra	ted deterrend	e, crisis, and	conflict.

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	Special (	Operatior	is Comma	ind		Date: March 2024							
Appropriation/Budge 0400 / 7	t Activity	/				<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0431BB /	ement (N Warrior S	umber/Na Systems	ame)	Project S710 /	(Numbe Tactical S	r/ <b>Name)</b> ystems D	evelopme	ent
Product Developmen	nt (\$ in M	illions)	ſ	FY	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Tactical Local Area Network (TACLAN) Graphical Processing Unit (GPU)	Reqn	Various : Various	-	-		1.349	Mar 2024	1.530	Mar 2025	-		1.530	Continuing	Continuing	-
TACLAN Field Computing Device (FCD) Evolutionary Technology Insertions (ETIs)	Various	Various : Variuos	8.381	2.390	Apr 2023	2.000	Mar 2024	2.000	Apr 2025	-		2.000	Continuing	Continuing	-
TACLAN Network Management Suite ETIs	Various	Various : Various	5.269	-		-		-		-		-	5.497	10.766	-
Special Operations Mission Planning and Execution (SOMPE) Software Development and Tech Insertion	Various	Various : Various	-	-		15.603	Mar 2024	12.299	Mar 2025	-		12.299	Continuing	Continuing	-
SOMPE Special Operations Forces Tactical Assault Kit (SOF TAK) Convergence	Various	Various : Variuos	-	-		6.500	Jan 2024	6.149	Feb 2025	-		6.149	Continuing	Continuing	-
Classified Program	C/FFP	Various : Various	3.146	19.250		30.619		28.469		-		28.469	Continuing	Continuing	-
Classified Program Congressional Add	C/FFP	Various : Various	7.708	-		-		-		-		-	Continuing	Continuing	-
		Subtotal	24.504	21.640		56.071		50.447		-		50.447	Continuing	Continuing	N/A
Test and Evaluation (	(\$ in Milli	ions)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TACLAN FCD ETIs (Operational Test & Evaluation))	Reqn	Various : Various	-	-		0.250	Apr 2024	-		-		-	Continuing	Continuing	-
Network Management Suite ETIs (Operational Test & Evaluation)	Reqn	Various : Various	-	0.232	Apr 2023	-		-		-		-	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command											Date:	Date: March 2024			
Appropriation/Budget Activity 0400 / 7							<b>R-1 Program Element (Number/Name)</b> PE 1160431BB <i>I Warrior Systems</i>					Project (Number/Name) S710 / Tactical Systems Development			
Test and Evaluation (\$ in Millions)				FY 2	2023	FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOMPE Exercise & Limited Objective Developmental Test Events	MIPR	Various : Various	-	-		1.650	Nov 2023	1.400	Mar 2025	-		1.400	Continuing	Continuing	-
SOMPE Exercise & Limited Objective Operational Test Events	MIPR	Various : Variious	-	-		0.850	Nov 2023	0.650	Nov 2024	-		0.650	Continuing	Continuing	-
Prior Year	C/Various	Various : Various	2.100	-		-		-		-		-	0.000	2.100	-
Subtotal 2.100				0.232		2.750		2.050		-		2.050	Continuing	Continuing	N/A
Prior Years			Prior Years	FY 2	2023	FY	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals 26.				21.872		58.821		52.497		-		52.497	Continuing	Continuing	N/A

**Remarks** 



MPK/L-NM - Mission Planning Kit/Light Non- Mod FCD - Field Computing Device TMW - Tactical Mobile Workstation

CERP - Captial Equipment Replacement Program

#### UNCLASSIFIED Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity 0400/7 PE 1160431BB / Warrior Systems S710 I Tactical Systems Development Special Operations Mission Planning and Execution (SOMPE) Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 Activity 1 2 3 4 1 2 3 4 2 3 4 2 3 4 2 3 4 2 3 4 2 3 1 1 1 1 1 Time Now Note: For FY RDT&E: 2023 and prior, R1 R2 R3 **R5** IVCR R4 funding was displayed in SOMPE Software Acquisition Pathway: Program Software Development & Tech Insertions Element (PE) (Annual Capability Releases w/Quarterly Sub-Releases) 1160403BB / Aviation Systems, Project apability Drops S750, Tactical Assault Kit (TAK) Convergence Mission $\mathbf{O}$ C C (Tri-annual Releases to Ground & Maritime) Training and Preparation Systems. Beginning in FY 2024. Exercise & Limited Objective funding is Operational and Developmental Test contained in PF Events 1160431BB / Warrior Systems, Project S710. New Field Support O&M: Tactical Engineer Contract Systems Software Sustainment DevSecOps: Development Integration, Technical Support, Life Cycle Sustainment

Capability Needs Statement

ment 🔺 Ann Ass

Annual Value 🔺 Capability Assessment Release RDT&E 🖂 0&M

hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations	Command		Date: Mar	Date: March 2024						
opropriation/Budget ActivityR-1 Pi00 / 7PE 11	rogram Element (Numb 60431BB / Warrior Syste	er/Name) P ms S	Project (Number/Name) S710 / Tactical Systems Development							
Schedule	Details									
Start End										
Events by Sub Project	Quarter	Year	Quarter	Year						
Tactical Local Area Network (TACLAN) Suites			·							
TACLAN Field Computing Device (FCD) Evolutionary Technology Insertions (ET	Гls) 1	2023	4	2029						
Network Management Suite ETIs	1	2023	4	2029						
Graphical Processing Unit Computing	1	2023	4	2026						
Special Operations Mission Planning and Execution (SOMPE)										
Software Acquisition Pathway: Software Development and Tech Insertions	1	2023	4	2029						
Tactical Assault Kit (TAK) Convergence	1	2023	4	2029						
Exercise & Limited Objective Developmental and Operational Test Events	1	2023	4	2029						

#### <u>Note</u>

TACLAN adjusted FY 2023 funding priority to achieve additional capability for FCD-W devices and critical system redesign. Awarded 0.210 in Apr 2023 and 2.180 in Aug 2023.

Exhibit R-2A, RDT&E Project Ju	stification	PB 2025 U	Inited State	s Special C	perations C	Command				Date: Mar	ch 2024	
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name)ProjePE 1160431BB / Warrior SystemsS725					ect (Number/Name)		
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S725: Tactical Radio Systems	62.809	10.555	17.789	37.643	-	37.643	33.688	21.785	20.333	19.826	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Bud This project is for the developmen communications (C3) link betwee with all Services, various agencie establish and maintain mobile an operate with any force combination	lget Item Ju nt of all Spe on SOF Con os of the U.S d fixed com on in multipl	ustification cial Operati nmanders a S. Governmo mand and c e environmo	ons Forces nd SOF Te ent, Air Trat control (C2) ents.	(SOF) tact ams conduc ffic Control, communica	ical radio pr cting operat commercia ations betwo	ograms. Ta ional missio I agencies, een operatic	actical Radio ons and train and allied fo onal elemen	os provide t ning exercis preign force ts and high	he critical c es. They a s. Tactical er echelon l	ommand, c lso provide Radios rap neadquarte	ontrol, and interoperab idly and sea rs, allowing	ility amlessly SOF to
B. Accomplishments/Planned P	<u>rograms (</u> \$	in Millions	<u>s)</u>						FY	2023 I	Y 2024	FY 2025
Title: Next Generation Tactical Co	ommunicati	ons (NGTC)	), Program	Number 79	8					8.412	14.318	27.069
<b>Description:</b> The NGTC, formerly known as SOF Tactical Communications (STC), program consists of Next-Generation SOF Communication Systems which replace most of the currently fielded SOF tactical radios. Capabilities include real time, hostile and friendly force information; Line of Sight (LOS) and beyond LOS (BLOS) communications; and access to situational awareness in the form of intelligence inputs, broadcasts, and networks.												
<b>FY 2024 Plans:</b> Continue Engineering Change Pro (NGMP), to include development tactical satellite waveforms. The for ATAK and Windows Tactical A Portable Communications (AN/PF complementary systems into an o Probability of Intercept/ Detection anti-jam capabilities.	oposals (EC of Mobile U Android Ta Assault Kit (\ RC-163 / AN overarching, (LPI/D) cap	CPs) for the ser Objectiv ctical Assau WinTAK) via I/PRC-167) predomina pabilities. Co	Next Gener ve System ( ult Kit (ATAI a Next Gener radios. Cor ntly governi ontinue con	ration Hand MUOS) to t K)/ Team A eration Rad ntinue High ment-owned tested com	Iheld (NGHI transition fro wareness K lio Plugins to Frequency d, high frequ munications	H) and Next om legacy U it is to provi o interface v (HF) platfor uency capat s/waveform	Generation Iltra High Fr de software with the Arm m moderniz pility that pro developmen	n Manpack equency (U functionality y Navy/ cation of two ovides Low nt focusing of	HF) ty on			
FY 2025 Plans: Continues ECPs for the NGHH ar waveforms. The ATAK is to provi with the AN/PRC-163 / AN/PRC-1 overarching, predominately gover Waveform development. Develop	nd NGMP, to de software 67 radios. ( nment-own ment of Uni	o include de functionalit Continues H ed, high free ted States A	evelopment ty for ATAK IF platform quency cap Army Specia	of MUOS to and WinTA modernizat ability that   al Operation	o transition AK via Next tion of two c provides LP ns Commar	from legacy Generation omplementa I/D capabilit id High Thro	UHF tactic Radio Plug ary systems ties. Comm oughput Dat	al satellite ins to interfa into an ences Resil a Device, a	ace ient nd			

#### Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) PE 1160431BB / Warrior Systems S725 I Tactical Radio Systems 0400/7 B. Accomplishments/Planned Programs (\$ in Millions) FY 2023 FY 2024 FY 2025 United States Naval Special Warfare Command Unmanned Systems/Autonomous & Remotely Controlled System (NSWUxS/ ARCS). FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$12.751 million in support of United States Naval Special Warfare Command efforts to develop Payload Module for Unmanned Autonomous System. *Title:* Blue Force Tracking (BFT), Program Number 742 1.576 2.273 9.364 Description: The BFT is a family of devices used to remotely track and monitor SOF unit personnel. The capability enhances Command and Control, threat warning, force protection, situational awareness, combat search and rescue, counter-fratricide, and battlefield visualization and personnel recovery. This capability is unique to SOF because it requires the devices to support worldwide operations, be lightweight, portable, and secure using LPI/D waveforms. The BFT aligns to the 2022 National Defense Strategy (NDS) by providing capabilities that allow our forces to prevail in conflict and allow for a resilient Joint Force and defense ecosystem. FY 2024 Plans: Continue development and testing of the Next Generation BFT device and continue development of personnel recovery capabilities. FY 2025 Plans: Continues development of the Next Generation BFT device and testing/updates of the current BFT/personnel recovery devices. FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$7.091 million supports the development and initial evaluation of the Next Generation BFT device prototypes that will provide advanced capabilities in alignment with the 2022 NDS prioritizing challenges in near-peer regions. Funding increase supports a competitive prototyping strategy that includes awarding up to four Other Transaction Authority Prototype Agreements aimed at identifying innovative technical solutions that will support SOF's continued need for responding to crises in high adversarial threat environments. Title: Remote Advise and Assist /Virtual Accompany Kit (RAA/VAK), Program Number 697 0.567 1.198 1.210 Description: The RAA/VAK provides SOF operators with the capability to harness technologies to improve communications with Partnered Forces (PF). The capability serves as a force multiplier by SOF Commanders, staff and operators access to near-realtime information and support activities such as mission planning an execution, while SOF operators remain at the last covered and concealed position, outside the maximum effective range of small arms fire. The systems provide End User Devices to the partner forces, which provide green force tracking, sensor querying for intelligence, surveillance, and reconnaissance, fire support, and improved target identification in limited or denied areas.

Exhibit R-2A, RDT&E Project Jus	tification: PB	2025 United	States Spe	cial Operatio	ons Comman	d			Date: N	larch 2024	
Appropriation/Budget ActivityR-1 Program Element (Number/Name)0400 / 7PE 1160431BB / Warrior Systems						<b>er/Name)</b> ems	Project (Number/Name) S725 / Tactical Radio Systems				
B. Accomplishments/Planned Press	ſ	FY 2023	FY 2024	FY 2025							
<b>FY 2024 Plans:</b> Develop advanced tracking system	capable of tra	nsmitting loc	ation and di	screte mess	ages to SOF	and Partne	r Forces.				
FY 2025 Plans: Assesses and integrates advanced sensors into the RAA/VAK partner force network and supports the integration of RAA/VAK data into SOF tactical, operational and strategic networks.											
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.012 million supports increased assessments and testing requirements.											
Accomplishments/Planned Programs Subtotals										17.789	37.643
C. Other Program Funding Sumn	nary (\$ in Milli	ons)									
Line Item • PROC/0204WARRIOR: Warrior Systems<\$5M Remarks	<b>FY 2023</b> 367.819	<u>FY 2024</u> 329.837	FY 2025 <u>Base</u> 358.257	FY 2025 OCO -	FY 2025 Total 358.257	<u>FY 2026</u> 363.196	<u>FY 2027</u> 383.939	<u>FY 202</u> 383.20	28 FY 202 50 395.36	Cost To Complete Continuing	<u>Total Cost</u> Continuing

#### D. Acquisition Strategy

The NGTC is a COTS/Non-Development Item with ETIs. Commercial and government agency sources will be leveraged for required certifications, functional and operational tests, and acceptance support. The NGTC program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80. The purpose of the MTA pathway is to rapid develop prototypes demonstrating Next Generation High Frequency Radio and to rapid fielding Next Generation Tactical Handheld and Manpack Radios systems with proven technologies.

The BFT has been designated a Major Capability Acquisition ACAT III at Milestone C in accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Instruction 5000.85. The purpose of the MCA is to acquire BFT and Personnel Recovery (PR) systems capable of supporting global operations in diverse environments with varying threat levels. The BFT leverages commercial and other government agency sources for required certifications, functional and operational tests, and technology updates.

The RAA/VAK is a Rapid Fielding Middle Tier of Acquisition (MTA) program in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80. The RAA/VAK program leverages commercial and other government agency sources for technology insertions related to partner force communications, tracking, and sensor data collection and exfil.
Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	2025 Unite	ed States	Special (	Operation	is Comma	and				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	t Activity	/				<b>R-1 Pro</b> PE 116	o <b>gram El</b> e 0431BB /	ement (N Warrior S	<b>umber/N</b> Systems	ame)	Project S725 / T	(Number Tactical Ra	r/ <b>Name)</b> adio Syste	ems	
Product Developmen	nt (\$ in M	illions)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Next Generation Tactical Communications (NGTC) Radio Development / Engineering Change Proposal (ECP) / Resilient Waveform Development	MIPR	Various : Various	42.055	6.460	Jan 2023	6.624	Jan 2024	11.905	Jan 2025	-		11.905	Continuing	Continuing	-
NGTC United States Naval Special Warfare Command Unmanned Autonomous System (UAS)/Autonomous & Remotely Controlled Systems	MIPR	Various : Various	-	-		_		14.714	Jan 2025	-		14.714	Continuing	Continuing	-
NGTC High Frequency Modernization	MIPR	Various : Various	3.313	1.952	Oct 2022	0.644	Feb 2024	0.450	Jan 2025	-		0.450	Continuing	Continuing	-
NGTC United States Army Special Operations Command Data Radio Device	MIPR	Various : Various	-	-		7.000	Jan 2024	-		-		-	Continuing	Continuing	-
NGTC Contested Communications/ Environment Waveform Development	MIPR	Various : Various	-	-		-		-		-		-	Continuing	Continuing	-
Blue Force Tracking (BFT) Rapid Prototyping, Product Development, and Device Integration	MIPR	Other Government Agencies : Chantilly, VA	4.768	1.501	Feb 2023	2.198	Jun 2024	9.289	Dec 2024	-		9.289	Continuing	Continuing	-
Remote Advise and Assist Virtual Accompany Kit (RAA/VAK) Capability Development, Rapid Prototyping, Product Development, and Device Integration	C/CPFF	Various : Various	-	0.389	Feb 2023	0.998	Feb 2024	0.998	Feb 2025	-		0.998	Continuing	Continuing	-
Prior Years Congressional Add	Various	Various : Various	9.635	-		-		-		-		-	0.000	9.635	-

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	025 Unite	ed States	Special (	Operation	ns Comma	ind				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	t Activity	/				<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0431BB /	ement (N Warrior S	<b>umber/N</b> a Systems	ame)	Project S725 / T	(Number Tactical R	r/ <b>Name)</b> adio Syste	ems	
Product Developmen	nt (\$ in M	illions)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	59.771	10.302		17.464		37.356		-		37.356	Continuing	Continuing	N/A
Remarks NGTC: ECP increase of \$5 Test and Evaluation (	.281 million ( <b>\$ in Milli</b>	due to Resilient Wavefo	orm develop	oment.	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Next Generation Tactical Communication (NGTC) Developmental/ Operational Test and Evaluation	Option/ TBD	Various : Various	2.681	-		0.050	Sep 2024	-		-		-	0.000	2.731	-
Blue Force Tracker (BFT) SOF Assessments & Testing	MIPR	Various : Various	0.357	0.075	Nov 2022	0.075	Nov 2023	0.075	Nov 2024	-		0.075	Continuing	Continuing	-
Remote Advise and Assist Virtual Accompany Kit (RAA/VAK) Operational Test and Evaluation	MIPR	Various : Various	-	0.178	Mar 2023	0.200	Feb 2024	0.212	Feb 2025	-		0.212	Continuing	Continuing	-
		Subtotal	3.038	0.253		0.325		0.287		-		0.287	Continuing	Continuing	N/A
		Project Cost Totals	Prior Years 62.809	<b>FY 2</b> 10.555	2023	<b>FY 2</b> 17.789	2024	FY 2 Ba 37.643	2025 Ise	FY : O	2025 CO	FY 2025 Total 37.643	Cost To Complete Continuina	Total Cost Continuing	Target Value of Contract N/A
<u>Remarks</u>					1		11		<u> </u>		1	1		5	

Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operation	ions Command		Date: March 2024
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	<b>Project (N</b>	umber/Name)
0400 / 7	PE 1160431BB / Warrior Systems	S725 / Tac	tical Radio Systems

# Next Generation Tactical Communications (NGTC) Schedule







xhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations (	Command		Date: Marc	h 2024
ppropriation/Budget ActivityR-1 Pr400 / 7PE 110	ogram Element (Number 60431BB / Warrior System	r/ <b>Name)</b> IS	Project (Number/Nam S725 / Tactical Radio S	<b>ie)</b> Systems
Schedule	Details			
	Sta	art	Er	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Next Generation Tactical Communications (NGTC)				
Engineering Change Proposals (ECPs)	1	2023	4	2029
United States Naval Special Warfare Command Unmanned Autonomous System Autonomous & Remotely	n/ 1	2025	4	2029
High Frequency (HF) Modernization	1	2023	4	2029
United States Army Special Operations Command Data Radio Device	2	2024	2	2025
Contested Communication/Environment Waveform Development	2	2023	4	2023
Blue Force Tracking (BFT)				
Rapid Prototyping, Product Development, and Device Integration	2	2023	4	2029
SOF Assessments & Operational Testing	1	2023	4	2029
Remote Advise Assist Virtual Accompany Kit (RAA/VAK)				
Capability Development, Rapid Prototyping, Product Development, and Device Integration	2	2023	4	2029
SOF Assessments & Operational Testing	3	2023	4	2029

Exhibit R-2A, RDT&E Project Ju	stification	PB 2025 U	Inited States	Special O	perations C	Command				Date: Ma	rch 2024	
Appropriation/Budget Activity 0400 / 7					<b>R-1 Progra</b> PE 116043	am Elemen 31BB / Warr	t (Number/ ior Systems	Name)	Project (N S800 / Mui	umber/Na	<b>me)</b> ⁄anced Deve	lopment
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S800: Munitions Advanced Development	155.280	32.873	54.862	24.640	-	24.640	26.976	39.303	36.709	38.36	1 Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Bud This project funds advanced engi equipment to meet the unique rec	l <b>get Item Ju</b> neering, op quirements	ustification erational sy of Special C	stem develo Operations F	opment, and orces (SOI	d qualificatio F).	on efforts re	lated to spe	cialized kir	netic and no	n-kinetic n	nunitions and	t
B. Accomplishments/Planned P	rograms (\$		<u>5)</u> Dra ava na Nivu						FY	2023	FY 2024	FY 2025
<i>Description:</i> The SOPGM provid munitions on SO-peculiar platform <i>FY 2024 Plans:</i> Continue the engineering, integra munitions portfolio. Modernize SC to operate in a near peer conteste (cybersecurity/anti-tamper) enhan <i>FY 2025 Plans:</i> Continues the engineering, integra guided munitions portfolio. Contin	es for the in ns. DPGM weap ed/GPS-den icements th ation, and to ues to mod	sting of vari- sons to prov ied environ roughout th esting of vari- ernize SOP	ous technolo ide alternati ment. Devel e SOPGM p rious techno GM weapon	ogies (mun ve navigati op new pre ortfolio. logies (mu s to provid	nitions and w on and term ecision strike nitions and	recently dev varheads) w hinal guidan e missiles; a warheads) v e navigation	veloped pre vithin the pre ce enhance and provides within the pro and termin	cision guid ecision guid ment capal s security recision al guidance	ed bility			
enhancement capability to operation SO-p long-range precision strike renhancements throughout the SC	e in a near   missiles incl PGM portfo	peer contes luding long- plio.	ted/GPS-de range missil	nied enviro es; and pro	onment. Cor ovides secu	ntinues deve rity (cyberse	elopment ar ecurity/anti-	an guidantee id test of tamper)				
FY 2024 to FY 2025 Increase/De Increase of \$2.070 million support modularity and open architecture architecture seeker and guidance	crease Stats ts continuing of 50-lb class enhanceme	t <b>ement:</b> g developm ss munition ents.	ent and mat and operati	uration of I onal flight s	long-range, software for	low-cost str future incor	ike missiles poration of	; improves modular, oj	ben			
Title: Munitions Advanced Develo	opment									0.511	0.556	0.527
<b>Description:</b> The Munitions Adva evaluations that allow SOF muniti cook off and shaped charge test.	inced Devel ons to pass Testing is i	opment pro testing whi n accordance	vides for Ins ch includes ce with the l	ensitive M bullet impa Jnited State	unitions (IM act, sympath es Special (	l) technolog netic detona Operations (	y developm tion, fast co Command (	ent and ok off, slow USSOCON	, 1) IM			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	perations Command		Date: M	larch 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160431BB / Warrior Systems	<b>Proje</b> S800	ct (Number/N I Munitions A	lame) dvanced Deve	elopment
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2023	FY 2024	FY 2025
Testing Plan. Munitions product improvements entails integrated deterrence the net benefits of aggression and are tested in accordance with command price	rough a reduction in a competitor's perceptic prities.	on of			
<b>FY 2024 Plans:</b> Continue product improvement efforts, proof of concept development and IM te testing to satisfy safety requirements in Military Standard 2105C.	sting on various munitions. Continue full sca	le			
<b>FY 2025 Plans:</b> Continues product improvement efforts, proof of concept development and IM t testing to satisfy safety requirements in Military Standard 2105C.	esting on various munitions. Continues full s	scale			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Decrease of \$0.029 million is due to reduced prototyping/testing of munition.					
Title: Ground Organic Precision Strike System (GOPSS), Program Number 71	0		1.680	3.186	2.942
<b>Description:</b> The GOPSS program employs both direct attack or aerial loitering (VTOL) technologies to provide SO-peculiar strike capability at the team level to combat-credible forces to fight and win.	g munitions (ALM) Vertical Take-Off and Lan o provide integrated deterrence that enables	ding			
<b>FY 2024 Plans:</b> Continue the developmental test articles and test equipment, testing and evaluate of critical munitions safety assessments, as well as the continuation of studies are enhance capabilities and to update program documentation. Continue to developmentation to the enhance technical readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production readiness levels for user evaluation in pursuit of production pursuit of product	ation using government ranges, the performa and analysis conducted in order to develop a lop selected Echelon 0 prototypes to achieve eady baseline and possible fielding.	nce nd			
<b>FY 2025 Plans:</b> Continues to develop selected Echelon 0 (VTOL ALM Direct Attack) prototypes user evaluation in pursuit of production ready baseline and possible fielding.	to achieve suitable technical readiness leve	ls for			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.244 million is due to system maturity and transition from develo	pment to production.				
Title: Maritime Precision Engagement Munition (MPE-M), Program Number 67	1		9.391	31.643	-
<b>Description:</b> SO-peculiar loitering munition deployed from a Combatant Craft I guidance against land and maritime targets.	Medium using crewmember-in-the-loop termi	nal			
FY 2024 Plans:					

Exhibit R-2A, RDT&E Project Ju	stification: PB	2025 United	States Spe	cial Operatio	ns Comman	ld			Date: Ma	rch 2024	
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pr</b> PE 110	ogram Eler 60431BB / V	nent (Numbe Varrior Syster	er/Name) ns	Project (N S800 / Mu	lumber/Na nitions Ad	a <b>me)</b> vanced Deve	elopment
B. Accomplishments/Planned Planned Pla	rograms (\$ in M	<u>Millions)</u>						F١	2023	FY 2024	FY 2025
Complete product development ar	nd testing to inc	lude integrat	ion into the (	Combatant C	Craft Medium	۱.					
FY 2024 to FY 2025 Increase/De Decrease of \$31.643 million due to	crease Statem o funding deferr	<b>ent:</b> ment to align	with the Co	mbatant Cra	ft Medium d	elivery sched	ule.				
Title: Classified Program(s)									2.309	5.993	5.617
Description: Details provided und	ler separate cov	ver.									
<b>FY 2024 Plans:</b> Details provided under separate c	over.										
FY 2025 Plans: Details provided under separate c	over.										
FY 2024 to FY 2025 Increase/De Details of \$0.376 million decrease	crease Statem provided under	<i>ent:</i> r separate co	over.								
				Accon	nplishments	s/Planned Pr	ograms Sub	totals	18.091	54.862	24.640
							FY 2023	FY 2024	]		
Congressional Add: GOPSS							9.567	-	-		
FY 2023 Accomplishments: Dev production Other Transaction Auth	eloped Aerial Lo norities (OTAs)	oitering Mun for Military U	ition (ALM) μ ser Assessr	prototypes fo nents (MUA)	r advanced	to limited					
Congressional Add: MPE-M							3.469	-	-		
FY 2023 Accomplishments: Acc Design Review.	elerated the cor	mpletion of B	llock I develo	opmental tes	ting through	Critical					
Congressional Add: Classified P	rogram(s)						1.746	-	-		
FY 2023 Accomplishments: Deta	ails provided un	der separate	e cover.								
				Congi	ressional A	dds Subtota	ls 14.782	-			
C. Other Program Funding Sum	mary (\$ in Milli	<u>ons)</u>									
<u>Line Item</u> • PROC/0203ORDN: Ordnance Items <\$5M	<u>FY 2023</u> 152.692	<u>FY 2024</u> 147.831	<u>FY 2025</u> <u>Base</u> 139.078	<u>FY 2025</u> <u>OCO</u> -	<u>FY 2025</u> <u>Total</u> 139.078	<u>FY 2026</u> 140.894	<u>FY 2027</u> 143.863	<u>FY 2028</u> 158.616	<u>FY 2029</u> 161.249	<u>Cost To</u> <u>Complete</u> Continuing	Total Cost Continuing

PE 1160431BB: *Warrior Systems* United States Special Operations Command

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Exhibit R-2A, RDT&E Proje	ct Justification: PB	2025 United	States Spec	cial Operatio	ns Comman	d			Date: Ma	rch 2024	
Appropriation/Budget Acti 0400 / 7	vity			<b>R-1 Pr</b> PE 110	<b>ogram Ele</b> n 60431BB / <i>V</i>	n <mark>ent (Numb</mark> Varrior Syste	<b>er/Name)</b> ems	Project (I S800 / Mu	Number/Na unitions Adv	<b>me)</b> /anced Deve	elopment
C. Other Program Funding	Summary (\$ in Milli	ons <u>)</u>									
<u>Line Item</u> Remarks	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	FY 2025 Total	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> Complete	<u>Total Cost</u>

### D. Acquisition Strategy

SOPGM: Integration and developmental testing of precision guided munitions will be conducted using government laboratories or industry partners depending on the munitions for various SOF platforms. The SOPGM program has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80.

Munitions Advanced Development: Munitions and packaging redesign take place within government laboratories, as well as in industry, depending on the munitions. The IM solutions shall be tested on a small scale for proof of principle. Planned product improvements are tested at Army, Navy, and Air Force test centers leveraging MTA authorities and OTAs. Ordnance/Munitions utilizes the Middle Tier of Acquisition (MTA) pathway for Rapid Prototyping/Rapid Fielding to support capability set procurements and fielding for increased lethality.

GOPSS: Integration and developmental testing of precision strike systems with follow-on government-led integration effort leveraging lessons learned from similar rapid integration and prototype efforts on other SOF platforms. Planned product improvements are tested at Army, Navy, and Marine Corps test centers leveraging MTA authorities and OTAs. The GOPSS is a designated MTA which uses the rapid prototyping pathway and is executing using existing contracts, government agencies, and new contracts competitively selected as appropriate. Ordnance/GOPSS utilizes the MTA pathway for Rapid Prototyping/Rapid Fielding for increased lethality.

MPE-M: Leverages industry and government warfare centers for aircraft and payload development and integration using the MTA pathway.

Exhibit R-3, RDT&E	Project Co	ost Analysis: PB 2	025 Unite	ed States	Special C	Operatior	ns Comma	ind				Date:	March 20	)24	
Appropriation/Budge	et Activity	1				<b>R-1 Pro</b> PE 116	ogram Ele 0431BB /	ement (N Warrior	l <b>umber/N</b> a Systems	ame)	<b>Project</b> S800 / /	(Number Munitions	r/ <b>Name)</b> Advance	d Develop	oment
Product Developmer	nt (\$ in Mi	illions)		FY	2023	FY 2	2024	FY : Ba	2025 ase	FY	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Stand-off Precision Guided Munitions (SOPGM) Development (1)	C/Various	Various : Various	6.641	3.700	Mar 2023	9.484	Mar 2024	12.054	Mar 2025	-		12.054	Continuing	Continuing	-
Ground Organic Precision Strike System (GOPSS)	C/Various	Various : Various	7.232	1.680	Dec 2022	2.656	Dec 2023	2.500	Dec 2024	-		2.500	Continuing	Continuing	-
GOPSS HERO Development Congressional Add	C/Various	Various : Various	-	7.087	May 2023	-		-		-		-	0.000	7.087	-
GOPSS Warhead Improvements Congressional Add	C/Various	Various : Various	-	1.450	May 2023	-		-		-		-	0.000	1.450	-
GOPSS Component Standardization Congressional Add	C/Various	Various : Various	-	0.650	May 2023	-		-		-		-	0.000	0.650	-
Maritime Precision Engagement Munition (MPE-M) Development	C/Various	Various : Various	14.284	8.000	Jan 2023	-		-		-		-	Continuing	Continuing	-
MPE-M - Payload development	C/Various	Various : Various	3.545	-		-		-		-		-	Continuing	Continuing	-
MPE-M Integration Development	C/Various	Various : Various	3.417	-		-		-		-		-	Continuing	Continuing	-
MPE-M Block I A/C, P.L, & Integration Dev	C/Various	Various : Various	-	-		11.740	Feb 2024	-		-		-	Continuing	Continuing	-
Classified Programs	Various	Various : Various	3.990	1.160		3.999		1.141		-		1.141	Continuing	Continuing	-
Prior Year Funding - Base	C/Various	Various : Various	59.570	-		-		-		-		-	0.000	59.570	-
Prior Year Funding - Overseas Contingency Operations (OCO)	C/Various	Various : Various	0.002	-		-		-		-		-	0.000	0.002	-
Prior Year Funding - Congressional Plus Up	C/Various	Various : Various	23.957	-		-		-		-		-	0.000	23.957	-
		Subtotal	122.638	23.727		27.879		15.695		-		15.695	Continuing	Continuing	N/A
Remarks	0														

SOPGM increase of \$2.570 million will continue the SOPGM modernization and developmental test of new long range strike capability to the portfolio.

Exhibit R-3, RDT&E F	Project Co	ost Analysis: PB 2	025 Unit	ed States	Special C	Operation	is Comma	and				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	t Activity					<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0431BB /	ement (N Warrior S	<b>umber/N</b> Systems	ame)	<b>Project</b> S800 / /	(Number Munitions	r/ <b>Name)</b> Advance	d Develop	oment
Support (\$ in Millions	s)			FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 OC	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Classified Programs	Various	Various : Various	0.199	0.580		0.783		1.476		-		1.476	Continuing	Continuing	-
Prior Year	C/Various	Various : Various	1.100	-		-		-		-		-	0.000	1.100	-
Prior Year Funding - OCO	C/Various	Various : Various	0.001	-		-		-		-		-	0.000	0.001	-
Prior Year Funding - Congressional Plus Up	C/Various	Various : Various	7.868	-		-		-		-		-	0.000	7.868	-
		Subtotal	9.168	0.580		0.783		1.476		-		1.476	Continuing	Continuing	N/A
Test and Evaluation (	(\$ in Milli	ons)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 OC	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOPGM Developmental Test	C/Various	Various : Various	0.500	0.506	Feb 2023	2.500	Feb 2024	2.000	Feb 2025	-		2.000	Continuing	Continuing	-
SOPGM Operational/Live Fire Test	C/Various	Various : Various	-	-		1.500	Feb 2024	1.500	Feb 2025	-		1.500	Continuing	Continuing	-
Munitions Advanced Development AMMO Systems - Insensitive Munitions (IM) Evaluation Developmental Test and Evaluation	C/FFP	US Air Force Air Armaments Center : Eglin, AFB, FL	0.349	0.071	Dec 2022	0.076	Dec 2023	-		-		-	Continuing	Continuing	-
Munitions Advanced Development AMMO Systems - IM Testing Developmental Test and Evaluation	Allot	DEVCOM-AC : Picatinny Arsenal, NJ	2.738	0.270	Dec 2022	0.275	Dec 2023	0.280	Dec 2024	-		0.280	Continuing	Continuing	_
Munitions Advanced Development AMMO Systems - Obtain Munitions Test Articles Developmental Test and Evaluation	C/Various	DEVCOM-AC : Picatinny Arsenal, NJ	0.860	0.170	Dec 2022	0.205	Dec 2023	0.247	Dec 2024	-		0.247	Continuing	Continuing	-
GOPSS Operational Test and Evaluation	C/Various	Various : Various	-	-		0.530	Dec 2023	0.442	Dec 2024	-		0.442	Continuing	Continuing	-

Exhibit R-3, RDT&E F	Project Co	ost Analysis: PB 2	2025 Unite	ed States	Special (	Operatior	ns Comma	and				Date:	March 20	24	
Appropriation/Budge 0400 / 7	t Activity	1				<b>R-1 Pro</b> PE 116	<b>ogram Ele</b> 0431BB /	ement (N Warrior S	<b>umber/N</b> Systems	ame)	Project S800 / /	(Number Aunitions	r/ <b>Name)</b> Advance	d Develop	oment
Test and Evaluation	(\$ in Milli	ons)		FY 2	2023	FY	2024	FY 2 Ba	2025 se	FY 2 O(	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
GOPSS Operational Test and Evaluation Congressional Add	C/Various	Various : Various	-	0.380	Jul 2023	-		-		-		-	0.000	0.380	-
MPE-M Block I Developmental Test and Evaluation	Allot	NSWC : Indian Head, MD	2.124	0.754	Jan 2023	-		-		-		-	Continuing	Continuing	-
MPE-M Block I Operational Test and Evaluation	Allot	Redstone : Various	1.245	0.300	Mar 2023	-		-		-		-	Continuing	Continuing	-
MPE-M Live Fire Test and Evaluation	Allot	NSWC : Indian Head, MD	0.819	0.337	Jan 2023	-		-		-		-	Continuing	Continuing	-
MPE-M Block I A/C, P/L DT and OT	C/Various	Various : Various	-	-		19.903	Mar 2024	-		-		-	Continuing	Continuing	-
MPE-M Block I Congressional Add	C/Various	Various : Various	-	3.469	Jan 2023	-		-		-		-	0.000	3.469	-
Classified Programs	Various	Various : Various	-	-		1.211		3.000		-		3.000	Continuing	Continuing	-
Classified Programs - Congressional Add	Various	Various : Various	1.079	2.309		-		-		-		-	0.000	3.388	-
Prior Year Funding - Base	C/Various	Various : Various	2.298	-		-		-		-		-	0.000	2.298	-
Prior Year Funding - OCO	C/Various	Various : Various	0.406	-		-		-		-		-	0.000	0.406	-
Prior Year Funding - Congressional Add	C/Various	Various : Various	11.056	-		-		-		-		-	0.000	11.056	-
		Subtotal	23.474	8.566		26.200		7.469		-		7.469	Continuing	Continuing	N/A
			Prior Years	FY	2023	FY	2024	FY 2 Ba	2025 se	FY 2 O(	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	155.280	32.873		54.862		24.640		-		24.640	Continuing	Continuing	N/A

**Remarks** 



#### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) 0400/7 PE 1160431BB I Warrior Systems S800 I Munitions Advanced Development **Munitions Advanced Development** Schedule FY23 FY24 FY25 FY27 **FY29** FY29 FY28 RDTE Activity 2 3 4 2 3 4 1 2 3 4 2 3 2 3 4 2 3 2 3 Time Now Test & Evaluations Munition Advanced Development Test & Evaluation (DT&E) Procurement Activity Ammo (Air Delivered Munitions) Ammo (Small Caliber Bullets) Ammo (Demolition, Breaching, Pyrotechnics, Flares) Ammo (Shoulder Fired Munitions & Rockets) 0&M Ammo Program Sustainment (Air Delivered, Bullet, Demolition & Shoulder Fired) 08M RDT&E Procurement Previously Reported Contract Award Major Event FOC Milestone Note: RDT&E A Represents prior year effort reports. Technology incorporated into future buys or informs future development efforts.

PROC

Representative of deliveries across all items throughout the year.



# Ground Organic Precision Strike Systems (GOPSS) Schedule





xhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operatio	ns Command		Date: Mar	ch 2024
Appropriation/Budget Activity R-1 400 / 7 PE	Program Element (Number 1160431BB / Warrior System	r/Name) <sup>1S</sup>	Project (Number/Nar S800 / Munitions Adva	<b>ne)</b> anced Development
Sched	ule Details			
	Sta	art	E	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Stand-off Precision Guided Munitions (SOPGM)				
SGM onto MQ-9 Integration	1	2023	4	2023
Collaborative Strike Enhancement	1	2023	4	2024
Development Munitions and Warheads	1	2023	4	2029
Selectable Precision Effects Articulated Warhead (Hellfire)	1	2023	4	2024
SOCOM Stand Off Precision Strike Missiles	3	2023	4	2025
Test (Developmental/Operational/Live Fire Test and Evaluation)	1	2023	4	2029
Munitions Advanced Development				
Munitions Advanced Developmental Test and Evaluation	1	2023	4	2029
Ground Organic Precision Strike Systems (GOPSS)				
Product Development	1	2023	4	2029
Product Development Congressional Add	2	2023	4	2024
Operational Test & Evaluation	1	2023	4	2025
Operational Test & Evaluation Congressional Add	2	2023	1	2026
Maritime Precision Engagement Munition (MPE-M)				
Block 1 Aircraft Development Product Development	1	2023	1	2025
Block 1 Payload & Integration Development Product Development	1	2023	1	2025
Block II Development Product Development	1	2024	4	2024
Variant II Development Product Development	1	2024	4	2024
Aircraft Development, Payload Development, & Integration Development P Development Congressional Add	roduct 1	2023	4	2023
Block I Airframe & Payload Developmental Test & Evaluation	1	2023	4	2024
Airframe Block 1 Operational Test & Evaluation	1	2023	4	2024

Exh	ibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Ope	erations Comma	nd			Date: Marc	h 2024	
<b>App</b> 0400	ropriation/Budget Activity ) / 7	<b>R-1 Program</b> PE 1160431B	Element (Numbe B / Warrior Systen	r/Name) I ns S	Project (Number/Name) S800 / Munitions Advanced Develo			nt
			Sta	art	End			
	Events by Sub Project		Quarter	Year		Quarter	Year	
	Airframe & Payload Live Fire Test & Evaluation		1	2023		4	2024	
ĺ	Variant II Developmental Test & Evaluation		1	2024		4	2024	

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command										Date: Marc	ate: March 2024		
Appropriation/Budget Activity           0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7:           Operational Systems Development					R-1 Program Element (Number/Name) PE 1160432BB / Special Programs								
COST (\$ in Millions)	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost				
Total Program Element	0.539	-	0.539	0.550	0.561	0.572	0.583	Continuing	Continuing				
S500E: Special Programs	0.539	-	0.539	0.550	0.561	0.572	0.583	Continuing	Continuing				

### A. Mission Description and Budget Item Justification

This project is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

B. Program Change Summary (\$ in Millions)	<u>FY 2023</u>	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	0.518	0.529	0.539	-	0.539
Current President's Budget	0.499	0.529	0.539	-	0.539
Total Adjustments	-0.019	0.000	0.000	-	0.000
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	-0.019	-			

### Change Summary Explanation

Funding:

FY 2023: Decrease of \$0.019 million is due to a reprogramming of funds to the Congressionally mandated Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) programs.

FY 2024: None.

FY 2025: None.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command										Date: March 2024		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 1160434BB / Unmanned ISR							
COST (\$ in Millions)	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost			
Total Program Element	31.578	-	31.578	13.661	9.284	8.410	8.039	Continuing	Continuing			
S855: Unmanned ISR	31.578	-	31.578	13.661	9.284	8.410	8.039	Continuing	Continuing			

### A. Mission Description and Budget Item Justification

This Program Element (PE) is part of the Military Intelligence Program (MIP). Unmanned Intelligence, Surveillance, and Reconnaissance (ISR) rapidly develops and deploys special capabilities to perform ISR for deployed Special Operations Forces (SOF) using non-traditional means. The United States Special Operations Command (USSOCOM) has been designated as the Department of Defense lead for planning, synchronizing, and as directed, executing global operations against terrorist networks and targets. The USSOCOM requires the capability to find, fix, and finish time-sensitive high-value fixed and fleeting targets at the unit and team level without placing personnel and units in harm's way. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This PE addresses the primary areas of ISR and targeting capabilities for SOF.

<u> 3. Program Change Summary (\$ in Millions)</u>	FY 2023	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	3.354	6.727	6.578	-	6.578
Current President's Budget	3.354	6.727	31.578	-	31.578
Total Adjustments	0.000	0.000	25.000	-	25.000
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
<ul> <li>SBIR/STTR Transfer</li> </ul>	-	-			
<ul> <li>Adjustments to Budget Year</li> </ul>	-	-	25.000	-	25.000

### **Change Summary Explanation**

Funding:

FY 2023: None

FY 2024: None.

FY 2025: Increase of \$25.000 million begins development of Next Generation extra-long endurance aircraft, flight test, autopilot capabilities.

Exhibit R-2A, RDT&E Project Ju	stification	PB 2025 L	Inited State	s Special C	Operations C	Command				Date: Mar	ch 2024	
Appropriation/Budget Activity 0400 / 7					<b>R-1 Progr</b> PE 116043	<b>am Elemen</b> 34BB <i>I Unm</i>	<b>t (Number</b> / anned ISR	Name)	Project (N S855 / Unr	umber/Nar nanned ISF	<b>ne)</b> २	
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S855: Unmanned ISR	193.410	3.354	6.727	31.578	-	31.578	13.661	9.284	8.410	8.039	Continuing	Continuing
Quantity of RDT&E Articles	-	_	-	-	-	-	-	-	-	_		
A. Mission Description and Bud This project is part of the Military capabilities to perform ISR for de Group 1, 2, 3 and 4, Unmanned A kits, mission payloads, air vehicle Operations Command develops a Efforts include improving imagery addressing processing and data	Iget Item Ju Intelligence ployed Sper Aerial Syste e enhancem and integrat / intelligence managemen	ustification Program (I cial Operation ms (UAS) d ents, and m es UAS pay e and electron nt challenge	MIP). Unma ons Forces levelopmen nodifications rloads to ad onic warfar es. This prog	inned Intelli (SOF) usin tal efforts a s to ground lvance ISR e payloads, gram also p	gence, Surv g non-tradit re to identif control stat capabilities , capitalizing provides a m	veillance, an tional means y, develop, i ions. Based that addres g on develop nechanism fo	nd Reconna s. integrate, au on stakeho s dynamic a bing technol or SOF use	issance (IS nd test Spe Ider input a and emerge ogies to reo r combat ev	R) rapidly d cial Operation and requirent ent operation duce size, w valuation of	evelops an ons-peculia nents, Unite nal needs o reight and p emerging s	d deploys s r (SO-p) mi ed States Sp f the SOF u power while ensor techr	oecial ssion oecial ser. nologies.
B. Accomplishments/Planned P	rograms (\$	in Millions	<u>5)</u>						FY	2023 F	Y 2024	FY 2025
Title: Group 4 UAS: MQ-1C, Pro	gram Numb	er 781								2.374	5.401	5.226
<b>Description:</b> Group 4 UAS are la 180). Provides for development e networking, sensors, payloads, po	rge system fforts to ider od, and wea	s that weigh ntify, integra pons integr	n greater that ate, and test ration.	an 1,320 po t SO-p miss	ounds and fl sion kits to i	y higher tha nclude impro	n 18,000 fe oved comm	et (flight lev unications/	el			
<b>FY 2024 Plans:</b> Continue to develop, test, and inte (GCS) and training systems to im	egrate SOF	-p weapon l /anced capa	aunchers a abilities to c	nd sensors combat eme	on the MQ erging threa	-1C. Improv ts.	ve Ground (	Control Stat	ions			
<b>FY 2025 Plans:</b> Continues to develop, test, and in mission networking enhancement	tegrate cap s, and situa	abilities, su tional awar	ch as weap eness paylo	on launche bad integrat	rs, tactical r tion.	networking e	enhancemei	nts, airborne	e			
FY 2024 to FY 2025 Increase/De Decrease of \$0.175 million is due	crease States to reduction	<i>tement:</i> n in operatio	onal test rec	quirements	for airborne	and tactica	I mission in	tegration.				
Title: Group 4 UAS: Long Endura	ance Aircrat	t (LEA), Pro	ogram Num	ber 4GD						0.980	1.326	26.352
<b>Description:</b> The LEA provides S meet Intelligence, Surveillance & Warfare operations in support of t	Special Ope Reconnaiss the 2022 Na	rations Forc ance (ISR) tional Defe	ces (SOF) w requiremer nse Strateg	vith relativel nts in auster y.	ly low-cost ι re and perm	uncrewed ai nissive envir	rcraft family onments fo	of systems use in Irre	s to gular			

Exhibit R-2A, RDT&E Project Jus	tification: PB	2025 United	States Spe	cial Operatio	ns Commar	ıd			Date: Ma	arch 2024	
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pr</b> PE 110	r <b>ogram Ele</b> r 60434BB / L	<b>nent (Numb</b> Jnmanned IS	<b>er/Name)</b> SR	Project ( S855 / U	Number/Na nmanned IS	ame) SR	
B. Accomplishments/Planned Pro	ograms (\$ in N	<u>/lillions)</u>						F	Y 2023	FY 2024	FY 2025
<b>FY 2024 Plans:</b> Continue to develop and integrate S	SO-p sensor to	increase co	ombat line fie	elding for ent	nanced LEA	platforms.					
FY 2025 Plans: Continues to develop and integrate development of autopilot capabilitie	SO-p sensor f s. Begins dev	o increase c elopment ar	combat line find flight testi	ielding for er ng of Next G	hanced LE/ eneration ex	A platforms. ktra-long end	Begins urance aircra	aft.			
\$25.026 million increase begins de	velopment of N	lext General	tion extra-lor	ng endurance	e aircraft, flig	ght test, auto	pilot capabili	ties.			
				Accon	nplishment	s/Planned P	rograms Su	btotals	3.354	6.727	31.578
C. Other Program Funding Summ	nary (\$ in Milli	ons)									
			FY 2025	FY 2025	<u>FY 2025</u>					<u>Cost To</u>	
Line Item • PROC/0201UMNISR: Unmanned ISR	<u>FY 2023</u> 43.749	<u>FY 2024</u> 26.997	<u>Base</u> 33.717	<u>0C0</u> -	<u>Total</u> 33.717	<u>FY 2026</u> 45.562	<u>FY 2027</u> 33.426	<u>FY 2028</u> 34.100	<u>FY 2029</u> 32.488	Complete Continuing	Total Cost Continuing
<u>Remarks</u>											
<b>D. Acquisition Strategy</b> Group 4 UAS: MQ-1C is an acquis and modifications on MQ-1C and a maturation events to increase situa 4 UAS leverages service common	sition program issociated Gro ational awarene Contractor Log	that develop und Control ess, lethality jistics Suppo	os, tests, and Stations (G0 , and platforr ort (CLS) and	integrates S CS) and train m capability. d developme	6O-peculiar ing systems Contract typ ental activitie	(SO-p) emer . Program pi bes include a s and contra	ging technolo ovides rapid mix of cost t cts for aircra	ogy mission prototype a type and fix ft and ancil	i kits, missic activities an ed price. W lary equipm	on payloads, d technology here possibl ent developn	weapons, e, Group nent,

improvement, and sustainment. The MQ-1C has been designated a Middle Tier of Acquisition (MTA) in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80.

LEA UAS: Small Business Innovative Research (SBIR) III contract utilizing UAS technology developed under Air Force Research Laboratory (AFRL). LEA utilizes Cost Plus Fixed Fee (CPFF) Indefinite Delivery/Indefinite Quantity (IDIQ) contract for ISR services. This program is designed to utilize a family of systems to meet operational requirements. The LEA program has been a MTA in accordance with Section 804 of Public Law 114-92, the authority in DoD Directive 5143.01, and guidance in DoD Instruction 5000.80.

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	025 Unite	ed States	Special C	Operation	is Comma	and				Date:	March 20	)24	
Appropriation/Budge	et Activity	1				<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0434BB /	ement (N Unmann	umber/Na ed ISR	ame)	Project S855 / U	(Numbei Inmanne	r/ <b>Name)</b> d ISR		
Product Developme	nt (\$ in Mi	illions)		FY 2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 O	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Group 4 UAS: MQ-1C Weapon/Launchers	Various	Various : Various	-	1.235	Mar 2023	0.477	Feb 2024	0.582	Feb 2025	-		0.582	Continuing	Continuing	-
Group 4 UAS: MQ-1C Tactical Mission Networking	Various	Various : Various	-	-		1.872	Feb 2024	1.653	Feb 2025	-		1.653	Continuing	Continuing	-
Group 4 UAS: MQ-1C Airborne Mission Networking	Various	Various : Various	22.032	0.569	Mar 2023	1.972	Apr 2024	1.964	Apr 2025	-		1.964	Continuing	Continuing	-
Group 4 UAS: MQ-1C Situational Awareness Payload Integration	Various	Various : Various	-	0.159	Mar 2023	-		0.161	Feb 2025	-		0.161	Continuing	Continuing	-
Long Endurance Aircraft (LEA) UAS Payload Integration	Various	Various : Various	-	0.980	Apr 2023	1.326	Apr 2024	0.452	Jul 2025	-		0.452	Continuing	Continuing	-
Long Endurance Aircraft (LEA) UAS Autopilot Development	Various	Various : Various	-	-		-		0.548	Nov 2025	-		0.548	Continuing	Continuing	-
Long endurance Aircraft (LEA) UAS Next Generation aircraft development	Various	Various : Various	-	-		-		17.000	Jan 2025	-		17.000	Continuing	Continuing	-
Prior Year Effort	Various	Various : Various	76.195	-		-		-		-		-	0.000	76.195	-
Prior Year Effort - Overseas Contingency Operations (OCO)	Various	Various : Various	8.053	-		-		-		-		-	0.000	8.053	-
Prior Year Effort - Congressional Add	Various	Various : Various	26.300	-		-		-		-		-	0.000	26.300	-
		Subtotal	132.580	2.943		5.647		22.360		-		22.360	Continuing	Continuing	N/A

#### Remarks

Note: In FY 2025, \$25,000K was realigned from Operation and Maintenance Intelligence Sub Activity Group 1PLU to finalize development and flight test of an improved long endurance platform to operate in compliment to the RQ-29.

Exhibit R-3, RDT&E	<b>Project C</b>	ost Analysis: PB 2	2025 Unite	ed States	Special (	Operatior	ns Comma	and				Date:	March 20	)24	
Appropriation/Budg 0400 / 7	et Activity	/				<b>R-1 Pro</b> PE 116	<b>ogram El</b> 0434BB /	ement (N Unmann	lumber/Na ned ISR	ame)	Project S855 /	: <b>(Numbe</b> i Unmanne	r/ <b>Name)</b> d ISR		
Support (\$ in Millior	ns)			FY	2023	FY	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Effort	Various	Various : Various	8.690	-		-		-		-		-	0.000	8.690	-
Prior Year Effort - OCO	Various	Various : Various	3.279	-		-		-		-		-	0.000	3.279	-
	-	Subtotal	11.969	-		-		-		-		-	0.000	11.969	N/A
Test and Evaluation	ı (\$ in Milli	ons)		FY	2023	FY	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Group 4 UAS: MQ-1C Operational Test and Evaluation	Various	Various : Various Vendors During Integration	1.465	0.411	Mar 2023	1.080	Feb 2024	0.866	Mar 2025	-		0.866	Continuing	Continuing	-
Various Effects Launcher Capability (VELC) Operational - Congressional Add	Various	Various : Various	0.700	-		-		-		-		-	Continuing	Continuing	-
Long Endurance Aircraft (LEA) UAS Next Generation flight testing	Various	Various : Various	-	-		-		8.352	Jul 2025	-		8.352	Continuing	Continuing	-
Prior Year	Various	Various : Various	30.369	-		-		-		-		-	0.000	30.369	-
Prior Year Effort - OCO	Various	Various : Various	1.668	-		-		-		-		-	0.000	1.668	-
		Subtotal	34.202	0.411		1.080		9.218		-		9.218	Continuing	Continuing	N/A
Management Servic	es (\$ in M	illions)		FY	2023	FY	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total	]		
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Effort	Various	Various : Various	14.659	-		-		-		-		-	0.000	14.659	-
		Subtotal	14.659	-		-		-		-		-	0.000	14.659	N/A
Cost Category Item Prior Year Effort	Various	Activity & Location Various : Various Subtotal	Years 14.659 14.659	<u>-</u>		Cost - -		Cost - -	Date	<u>-</u>	Date	Cost - -	Complete 0.000 0.000	Cost 14.659 14.659	Con
PE 1160434BB: Unm		UN		SIFIED							Values	- E - 04E			

Exhibit R-3, RDT&E Project Cost Analysis: PB 2	Date	Date: March 2024							
Appropriation/Budget Activity 0400 / 7			R-1 Program Element (Number/Name)Project (Number/Name)PE 1160434BB I Unmanned ISRS855 I Unmanned ISR						
	Prior Years	FY 2023	FY 2024	FY 20 Bas	025 FY 2 Se OC	025 FY 2025 CO Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	193.410	3.354	6.727	31.578	-	31.57	8 Continuing	Continuing	N/A

**Remarks** 





hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special O	perations Command		Date: Marc	h 2024				
ppropriation/Budget Activity 00 / 7	R-1 Program Element (Number PE 1160434BB / Unmanned ISR	gram Element (Number/Name)Project (Number/Nar1434BB / Unmanned ISRS855 / Unmanned ISR						
S	chedule Details							
	Sta	art	Er	nd				
Events by Sub Project	Quarter	Year	Quarter	Year				
Group 4 UAS: MQ-1C								
Weapon/Launchers	1	2023	4	2029				
Tactical Networking Enhancements	1	2023	4	2029				
Airborne Mission Networking Enhancements	1	2023	4	2029				
Situational Awareness Payload Integration	1	2023	4	2029				
Operational Test & Evaluation	1	2023	4	2029				
Long Endurance Aircraft (LEA) Unmanned Aerial System (UAS)								
LEA Payload Integration	3	2023	4	2029				
LEA Auto Pilot Development	1	2025	4	2025				
Next Generation Extra-Long Flight Testing	4	2025	2	2026				
Next Generation Extra-Long Aircraft Development	2	2025	3	2025				

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command										Date: Marc	.e: March 2024		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					<b>R-1 Progr</b> a PE 116048	am Element 30BB / SOF	t <b>(Number/</b> Tactical Ve	Name) hicles					
COST (\$ in Millions)	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost				
Total Program Element	9.025	-	9.025	9.213	9.392	5.651	5.764	Continuing	Continuing				
S910: SOF Tactical Vehicles	9.025	-	9.025	9.213	9.392	5.651	5.764	Continuing	Continuing				

### A. Mission Description and Budget Item Justification

This Program Element provides for the development and testing of a variety of capability upgrades to Special Operations Forces (SOF) Vehicles and mission enabling equipment. Current SOF tactical vehicles are categorized into Light, Medium, Heavy, and Commercial, which include the Lightweight Tactical All-Terrain Vehicle (LTATV); Ground Mobility Vehicle (GMV 1.0 / 1.1); Joint Light Tactical Vehicle (JLTV); Mine Resistant Ambush Protected (MRAP) Vehicle; Armored Ground Mobility System (AGMS); Non-Standard Commercial Vehicle (NSCV); and Special Operations-peculiar (SO-p) modifications for commercially available and service common platforms. The SOF mission mandates that SOF vehicles remain technologically superior, operate in multiple environments, and able to meet any threat to provide a maximum degree of survivability and build enduring advantages and campaigning to advance strategy-aligned priorities in accordance with the 2022 National Defense Strategy.

The total cost of the Family of Special Operations Vehicles (FSOV) effort is \$307.929 million (FY 2022 - FY 2026), including RDT&E and procurement of prototype units. The FSOV effort includes Middle Tier of Acquisition for MRAP (Program Number 802), GMV (Program Number 803), NSCV (Program Number 804), LTATV (Program Number Q8M), and JLTV (Program Number P7Z). This effort is fully funded across the FYDP.

<u>FY 2023</u>	<u>FY 2024</u>	FY 2025 Base	FY 2025 OCO	FY 2025 Total
10.719	9.335	9.704	-	9.704
10.542	9.335	9.025	-	9.025
-0.177	0.000	-0.679	-	-0.679
-	-			
-	-			
-	-			
-	-			
-	-			
0.214	-			
-0.391	-			
-	-	-0.679	-	-0.679
	FY 2023 10.719 10.542 -0.177 - - - - 0.214 -0.391 -	FY 2023         FY 2024           10.719         9.335           10.542         9.335           -0.177         0.000           -         -           0.214         -           -         -           -         -	FY 2023         FY 2024         FY 2025 Base           10.719         9.335         9.704           10.542         9.335         9.025           -0.177         0.000         -0.679           -         -         -           0.214         -         -           -         -         -	FY 2023         FY 2024         FY 2025 Base         FY 2025 OCO           10.719         9.335         9.704         -           10.542         9.335         9.025         -           -0.177         0.000         -0.679         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           0.214         -         -

### **Change Summary Explanation**

Funding:

FY 2023: Decrease of \$0.177 million is due to SBIR/STTR Transfer and a reprogramming of funds to allow a risk reduction, autonomous effort to be funded.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Sp	pecial Operations Command	Date: March 2024
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	<b>R-1 Program Element (Number/Name)</b> PE 1160480BB / SOF Tactical Vehicles	
FY 2024: None.		
FY 2025: Decrease of \$0.679M is due to the completion of JLTV SC	DF Modification Block 1 ECPs.	

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command									Date: March 2024			
opropriation/Budget Activity					<b>R-1 Program Element (Number/Name)</b> PE 1160480BB / SOF Tactical Vehicles				Project (Number/Name) S910 / SOF Tactical Vehicles			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S910: SOF Tactical Vehicles	67.164	10.542	9.335	9.025	-	9.025	9.213	9.392	5.651	5.764	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

### A. Mission Description and Budget Item Justification

This project provides for the development and testing of a variety of capability upgrades to Special Operations Forces (SOF) Vehicles and mission enabling equipment. Current SOF tactical vehicles are categorized into Light, Medium, Heavy, and Commercial, which include the Lightweight Tactical All-Terrain Vehicle (LTATV); Ground Mobility Vehicle (GMV 1.0 / 1.1); Joint Light Tactical Vehicle (JLTV); Mine Resistant Ambush Protected (MRAP) Vehicle; Armored Ground Mobility System (AGMS); Non-Standard Commercial Vehicle (NSCV); and Special Operations-peculiar (SO-p) modifications for commercially available and service common platforms. The SOF mission mandates that SOF vehicles remain technologically superior, operate in multiple environments, and able to meet any threat to provide a maximum degree of survivability.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: Family of Special Operations Vehicles (FSOV)	10.542	9.335	9.025
<b>Description:</b> Funding provides for design/engineering, test, and evaluation costs related to capability upgrades in the following areas: survivability; lethality; signature management; mobility/performance; communications; and product development. These capability upgrades and Engineering Change Proposals (ECPs) are incorporated across the FSOV family of vehicles: Ground Mobility Vehicle (GMV 1.1), Program Number 803; Non-Standard Commercial Vehicle (NSCV), Program Number 804; Lightweight Tactical All-Terrain Vehicle (LTATV), Program Number Q8M; Mine Resistant Ambush Protected (MRAP) Vehicle, Program Number 802; commercially available and other service common platforms such as the Joint Light Tactical Vehicle (JLTV), Program Number 1SV).			
<b>FY 2024 Plans:</b> Continue the development and integration of ECPs that improve the performance of LTATV, GMV 1.1, MRAP, JLTV, NSCV, Stryker communications, and other emerging SOF and service common platforms. Continue capability development for JLTV SOF modifications and other SOF Mobility platforms including Hybrid/Electric and autonomous technology, signature reduction, Counter Uncrewed Aerial Systems (C-UxS), Precision Strike System (PSS), Situational Awareness (SA), along with enhanced integrated communications, lethality, and survivability modernization. Continue to transition developed technologies across the FSOV family of vehicles.			
<i>FY 2025 Plans:</i> Continues the development and integration of ECPs that improve the performance of LTATV, GMV 1.1, MRAP, JLTV, NSCV, and other emerging SOF and service common platforms. Continues capability development for SO-p kits for SOF vehicles, JLTV, ISV, other commercial vehicles and other SOF Mobility platforms including Hybrid/Electric and autonomous technology, signature reduction, Remote Weapon System (RWS), C-UxS, Precision Strike, lethality, survivability modernization and enhanced integrated			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command									Date: M	arch 2024		
Appropriation/Budget Activity 0400 / 7				<b>R-1 Pr</b> PE 11	r <b>ogram Ele</b> n 60480BB / S	n <mark>ent (Numb</mark> SOF Tactical	<b>er/Name)</b> Vehicles	<b>Projec</b> S910 /	Project (Number/Name) S910 / SOF Tactical Vehicles			
B. Accomplishments/Planned Pr	ograms (\$ in N	<u>/lillions)</u>			- ili	- Osmalat			FY 2023	FY 2024	FY 2025	
and integration of Stryker communication. Completion of JLTV SOF Modification Block 1 ECPs.												
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$0.310 million is due to completion of JLTV SOF Modification Block 1 ECPs.												
Accomplishments/Planned Programs Subtotals									10.542	9.335	9.025	
C. Other Program Funding Summary (\$ in Millions)												
		-	<u>FY 2025</u>	FY 2025	FY 2025					<u>Cost To</u>		
Line Item	FY 2023	FY 2024	Base	000	Total	FY 2026	FY 2027	FY 202	<u>FY 2029</u>	O Complete	Total Cost	
• PROC/0204TACVEH: Tactical Vehicles	60.861	56.561	53.016	-	53.016	58.167	29.516	31.31	8 22.092	2 Continuing	Continuing	
<u>Remarks</u>												
D Acquisition Stratogy												

### D. Acquisition Strategy

The Family of Special Operations Vehicles (FSOV), in accordance with DoDI, 5000.80, utilizes the Middle Tier of Acquisition (MTA) pathway for rapid fielding of capability upgrades and Engineering Change Proposals (ECPs) for survivability, lethality, signature management, mobility/performance, communications, and product development, incorporated across the FSOV family of vehicles to include: Ground Mobility Vehicle (GMV 1.1); Non-Standard Commercial Vehicle (NSCV); Lightweight Tactical All-Terrain Vehicle (LTATV); Mine Resistant Ambush Protected (MRAP) Vehicle; Armored Ground Mobility System (AGMS) and other service common platforms such as the Joint Light Tactical Vehicle (JLTV) and Infantry Squad Vehicle (ISV). The current acquisition approach for SOF Tactical Vehicles utilizes the MTA rapid fielding pathway to support capability set procurements and fielding. The FSOV program will transition to a tailored Acquisition Category (ACAT) program utilizing the Major Capability Acquisition (MCA) pathway to complete fielding. The FSOV program will apply SO-p modifications to service common or Commercial-Off-The-Shelf (COTS) vehicles whenever possible. Where required, the FSOV program will incorporate purpose-built, non-developmental item, or modified COTS vehicles if/when service solution is unavailable.
Exhibit R-3, RDT&E P	Project Co	ost Analysis: PB 2	025 Unite	d States	Special C	Operation	s Comma	nd				Date:	March 20	)24		
Appropriation/Budge 0400 / 7	t Activity	1				<b>R-1 Pro</b> PE 116	<b>ogram Ele</b> 0480BB /	e <b>ment (N</b> SOF Tac	<b>umber/N</b> a tical Vehi	a <b>me)</b> cles	<b>Project</b> S910 / 3	<b>(Numbe</b> SOF Tacti	(Number/Name) SOF Tactical Vehicles			
Product Developmen	t (\$ in Mi	illions)		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Light Tactical All- Terrain Vehicle (LTATV) Capability Enhancements / Engineering Change Proposal (ECP) Development	Various	Various : Various	4.716	0.500	Nov 2022	1.100	Nov 2023	1.500	Nov 2024	-		1.500	Continuing	Continuing	-	
Medium Vehicle (Ground Mobility Vehicle (GMV) 1.1, Infantry Squad Vehicle (ISV)) Capability Enhancements / ECP Development	Various	Various : Various	18.234	0.823	May 2023	0.715	May 2024	0.500	Feb 2025	-		0.500	Continuing	Continuing	-	
Non-Standard Commercial Vehicle (NSCV) Capability Enhancements / ECP Development	Various	Various : Various	8.454	0.594	Jul 2023	0.510	Feb 2024	1.750	May 2025	-		1.750	Continuing	Continuing	-	
Heavy Vehicle (Mine Resistant Ambush Protected Vehicle (MRAP), SO-p Mod Kit, Armored Ground Mobility System (AGMS) Capability Enhancements / ECP Development	Various	Various : Various	3.986	0.125	Mar 2023	0.600	Mar 2024	-		-		-	Continuing	Continuing	-	
Joint Light Tactical Vehicle (JLTV) Capability Enhancements / ECP Development	Various	Various : Various	1.750	2.000	Dec 2022	1.000	Dec 2023	2.000	Oct 2024	-		2.000	Continuing	Continuing	-	
Survivability Enhancement/ Improvement Efforts	Various	Various : Various	2.686	0.750	Mar 2023	1.000	Mar 2024	0.525	Mar 2025	-		0.525	Continuing	Continuing	-	
Prior Year Funding	Various	Various : Various	0.385	-		-		-		-		-	0.000	0.385	-	
Prior Year Funding - (OCO)	C/Various	Various : Various	0.725	-		-		-		-		-	0.000	0.725	-	
Prior Year Funding - Congressional Add	Various	Various : Various	4.818	-		-		-		-		-	0.000	4.818	-	
		Subtotal	45.754	4.792		4.925		6.275		-		6.275	Continuing	Continuing	N/A	

Exhibit R-3, RDT&E F	Project C	ost Analysis: PB 2	025 Unite	ed States	Special (	Operatior	is Comma	ind				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	t Activity	/				<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0480BB /	ement (N SOF Tac	l <b>umber/N</b> a ctical Vehi	<b>ame)</b> cles	Project S910 / J	<b>(Number</b> SOF Tacti	r/ <b>Name)</b> cal Vehicl	es	
Support (\$ in Millions	5)		ſ	FY	2023	FY 2	2024	FY 2 Ba	2025 ase	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Funding	Various	Various : Various	4.051	-		-		-		-		-	0.000	4.051	-
		Subtotal	4.051	-		-		-		-		-	0.000	4.051	N/A
Test and Evaluation (\$ in Millions)			FY 2023		FY 2	2024	FY 2025 Base		FY 2025 OCO		FY 2025 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Light Tactical All- Terrain Vehicle (LTATV) Developmental Test and Evaluation (DT&E) Efforts	Various	Various : Various	1.181	2.250	Jan 2023	0.503	Jan 2024	0.750	May 2025	-		0.750	Continuing	Continuing	-
NSCV DT&E Validation Efforts (Automotive, Command, Control, Communications, Computers, and Intelligence (C4I), Ballistics) Operator Events	Various	Various : Various	4.155	2.000	Jan 2023	1.500	Jan 2024	1.000	Jan 2025	-		1.000	Continuing	Continuing	-
Medium Vehicle DT&E Validation Efforts (Automotive, C4I) Operator Events	Various	Various : Various	2.334	1.500	Mar 2023	0.407	Mar 2024	0.250	Nov 2024	-		0.250	Continuing	Continuing	-
Heavy Vehicle DT&E Validation	Various	Various : Various	-	-		2.000	Mar 2024	0.750	Mar 2025	-		0.750	Continuing	Continuing	-
Prior Year Funding	Various	Various : Various	9.689	-		-		-		-		-	0.000	9.689	-
		Subtotal	17.359	5.750		4.410		2.750		-		2.750	Continuing	Continuing	N/A
Prior Years		Prior Years	FY	2023	FY	2024	FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract	
		Project Cost Totals	67.164	10.542		9.335		9.025		-		9.025	Continuing	Continuing	N/A
Remarks															



chibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Corr	imand		Date: Mar	ch 2024
opropriation/Budget ActivityR-1 Progr00 / 7PE 11604	am Element (Numbe 30BB / SOF Tactical V	r/Name) /ehicles	Project (Number/Nar S910 / SOF Tactical N	<b>ne)</b> ⁄ehicles
Schedule De	tails			
	St	art	E	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Family of Special Operations Vehicles (FSOV)				
Light Tactical All-Terrain Vehicle (LTATV) Product Development	1	2023	4	2029
Medium Vehicle (Ground Mobility Vehicle 1.1, Infantry Squad Vehicle) Product Development	1	2023	4	2029
Non-Standard Commercial Vehicle (NSCV) Product Development	1	2023	4	2029
Heavy Vehicle (Mine Resistant Ambush Protected Vehicle, SO-p Mod Kit, Armored Ground Mobility System) Product Development	1	2023	4	2029
Joint Light Tactical Vehicle (JLTV) Product Development	1	2023	4	2029
Survivability Enforcement Efforts/Improvement Effort Combat Vehicles Product Development	1	2023	4	2029
LTATV Development Test & Evaluation (DT&E)	1	2023	4	2029
NSCV DT&E Validation Efforts	1	2023	4	2029
Medium Vehicle DT&E	1	2023	4	2029
Heavy Vehicle DT&E Validation	1	2023	4	2029

xhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command										Date: March 2024		
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems							
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	705.039	109.973	158.231	210.787	-	210.787	279.589	199.955	192.444	221.981	Continuing	Continuing
S0417: Underwater Systems	597.042	82.822	124.672	169.864	-	169.864	186.691	130.530	132.283	153.031	Continuing	Continuing
S1684: Surface Craft	107.997	27.151	33.559	40.923	-	40.923	92.898	69.425	60.161	68.950	Continuing	Continuing

### A. Mission Description and Budget Item Justification

This Program Element provides for the Engineering and Manufacturing Development (EMD) of Special Operations Forces (SOF) Surface and Undersea Mobility platforms. It also provides for pre-acquisition activities to quickly respond to new requirements for SOF surface and undersea mobility, looking at multiple alternatives to include cross-platform technical solutions, service-common solutions, Commercial-Off-The-Shelf (COTS) technologies, and new development efforts.

The Underwater Systems project provides for the EMD of combat submersibles, SOF combat diving systems, underwater support systems, and underwater equipment. This project also provides for pre-acquisition activities (materiel solutions analysis, advanced component, prototype development, and exploitation of emerging technology opportunities to deliver enhanced capabilities) to respond to emerging requirements. This project received a Congressional Add in FY 2023 (\$30.000 million), details are provided under separate cover.

The Surface Craft project provides for the EMD of all combatant craft, combatant craft mission equipment, pre-planned product improvement, and technology insertions to meet the unique requirements of SOF. This project also provides for pre-acquisition activities (materiel solutions analysis, advanced component development and prototypes) to quickly respond to new requirements for maritime craft and subsystems. The Underwater and Surface craft project's capabilities and unique equipment provide small, highly trained forces the ability to successfully engage with increased lethality while maximizing survivability of the SOF personnel and equipment.

The SOF Combat Diving Program has been designated a Middle Tier of Acquisition (MTA). SOF Combat Diving rapidly develops prototypes to advance diving equipment for the next generation family of systems. Development areas support SO-peculiar (SO-p) life support systems, marine environmental protection, navigation, propulsion, and communication systems which provides a fully outfitted Combat Diver.

The total cost of the Combat Diving MTA effort is \$58.561 million (FY 2019 - FY 2023), including RDT&E and procurement of prototype units modernizing SOF Combat Diving equipment to deploy from all USSOCOM maritime platforms. The Combat Diving program is fully funded across the Future Years Defense Program (FDYP).

The Maritime Precision Engagement (MPE) program provides standoff, loitering, man-in-the-loop weapons systems integrated on Combatant Craft Medium and capable of targeting individuals, groups, vehicle, high value targets and small oceangoing craft with low risk of collateral damage.

The total cost of the MPE MTA effort is \$38.090 million (FY 2021 - FY 2025), including RDT&E and procurement of prototype units. The MPE program is fully funded across the FYDP.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Unit	ed States Spec	ial Operations Cor	nmand	Date	: March 2024	
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wid Operational Systems Development	e / BA 7:	R-1 Program Ele PE 1160483BB /	ement (Number/Name) Maritime Systems			
B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025	5 Total
Previous President's Budget	112.645	158.231	179.852	-	17	79.852
Current President's Budget	109.973	158.231	210.787	-	2	10.787
Total Adjustments	-2.672	0.000	30.935	-	3	30.935
<ul> <li>Congressional General Reductions</li> </ul>	-	-				
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-				
<ul> <li>Congressional Rescissions</li> </ul>	-	-				
<ul> <li>Congressional Adds</li> </ul>	-	-				
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-				
<ul> <li>Reprogrammings</li> </ul>	1.436	-				
SBIR/STTR Transfer	-4.108	-				
<ul> <li>Adjustments to Budget Year</li> </ul>	-	-	30.935	-	3	30.935
Congressional Add Details (\$ in Millions, and Include	es General Rec	luctions)		Γ	FY 2023	FY 2024
Project: S0417: Underwater Systems						
Congressional Add: Classified Program					28.905	-
		Con	gressional Add Subtotals	s for Project: S0417	28.905	-
			Congressional Add To	otals for all Projects	28.905	-

### Change Summary Explanation

FY 2023: Net decrease of \$2.672 million is due to a reprogramming of funds to the Congressionally mandated Small Business Innovative Research (SBIR)/Small Business Technology Transfer (STTR) programs (\$4.108 million). Additionally, an increase for Small Unmanned Surface Vehicles (SUSV) to support program establishment and SO-p modifications.

FY 2024: None.

FY 2025: Net increase of \$30.935 million supports SOF Combat Diving (\$9.734 million) for EMD, testing and rapid prototyping of new SO-p underwater mixed gas breathing apparatus and the development of associated diving procedures specific to SO-p capabilities: development of Emergency Breathing Systems and diving treatment systems supporting SO-p diving deployment from maritime platforms, next generation diver propulsion equipment with integrated thermal protection increasing range and duration in the water, development of underwater communications networks of diver-to-diver communications and optical and acoustic communication systems. This increase also supports the development of equipment SOF carry-on, battery development, materiel off gassing testing and all environmental testing required for Submarine and Dry Combat Submersible carry-on integration to deploy these prototypes with all USSOCOM maritime platforms and is aligned with the 2022 National Defense Strategy supporting SOF in the strategic competition influence, distributing our maritime operations through our assured access into contested/denied regions; an increase in Small Unmanned Surface Vessel (SUSV) for SO-p modifications, Government-off-

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Specia	al Operations Command	Date: March 2024
<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	
0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development the-Shelf (GOTS) payload and communication integration efforts to mee (\$2.000 million); an increase for Combatant Craft Medium (CCM) to the a decrease in Maritime Precision Engagement (MPE) due to standing de MK2 integration and future production (\$7.437 million); a decrease in Co decrease in Combatant Craft Mission Equipment (\$0.100 million) to sup under separate cover.	PE 1160483BB / Maritime Systems et Special Operations Rapid Requirement Document (SO development of the CCM MK2 test articles to support the own further efforts to integrate MPE onto additional CCM ombatant Craft Light (CCL) due to rephasing of requirement port emergent requirements. Additional increase details (	RRD) requirements in FY 2025 e EMD phase (\$12.000 million); MK1s and focusing on CCM ents (\$2.312 million); and a (\$17.000 million) are provided

Exhibit R-2A, RDT&E Project Ju	ustification	PB 2025 U	Inited States	s Special O	perations C	Command				Date: Mar	ch 2024	
Appropriation/Budget Activity 0400 / 7					<b>R-1 Progr</b> PE 116048	<b>am Elemen</b> 33BB / <i>Marit</i>	<b>t (Number</b> / time Systen	Name) ns	Project (N S0417 / Ur	umber/Nar aderwater S	<b>ne)</b> Systems	
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S0417: Underwater Systems	597.042	82.822	124.672	169.864	-	169.864	186.691	130.530	132.283	153.031	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Buc This project provides for the Engi diving systems, underwater supp component development and pro of infiltration/extraction, personne capabilities of the submersible sy lethality while maximizing surviva	<b>Iget Item Ju</b> ineering and ort systems ototypes) to el/material re ystems, divir ability of the	ustification d Manufactu , and under respond to e ecovery, hyd ng systems, SOF persor	ring Develo water equip emerging re drographic/iu and unique nnel and eq	pment (EM ment. This quirements nland recor equipment.	ID) of comb project also These sul maissance, t provides s	at underwat o provides fo bmersibles, beach obst mall, highly	er submers or pre-acqui equipment, acle cleara trained forc	ibles, Spec isition activi and diving nce, underv ces the abili	ial Operatio ties (materie systems are vater ship at ty to succes	ns Forces ( el solutions e used by S ttack, and c sfully enga	SOF) comb analysis, ac SOF in the c other mission ge with incre	at dvanced onduct ns. The eased
<b>B. Accomplishments/Planned P</b>	Programs (\$	in Millions	<u>s)</u>						FY	2023 F	FY 2024	FY 2025
Title: Sea, Air, and Land (SEAL) Delivery Vehicle (SDV), Program Number 848       1.251       1.092       1.114         Description: The SDV MK 11, formerly referred to as Shallow Water Combat Submersible (SWCS), provides for the design, development, and test of one Engineering Development Model (EDM) and ten production units to replace the legacy MK 8 MOD       1.251       1.092       1.114         SOF and their payloads for a variety of SOF missions. The SDV MK 11 will be deployable from a Dry Deck Shelter (DDS), surface ships, and land. The MK 11 system includes the vehicle and support equipment, comprised of Mission Support Equipment (MSE), Pack-Up Kit (PUK) to support forward deployed operations, and Transportation and Handling (T&H). It also includes integration efforts with the current DDS and development of product improvements accomplished throughout the lifecycle of the system. The SWCS effort transitioned to the SDV program beginning in FY 2022 to better align with historical terminology and material solution. The SDV is aligned to the 2022 National Defense Strategy (NDS) by providing a means for stealthy insertion and extraction, enabling the Navy to project power and conduct operations in littoral and devide areas												
FY 2024 Plans: Continue SDV MK 11 P3I. For F <sup>N</sup> Energy, Electro-Optical Infrared ( Agent operating cost. FY 2025 Plans:	Y 2024, the EO/IR) sens	Pre-Planne sor, and Ope	d Product Ir erator Situat	nprovemen tional Awar	nts (P3I) enł reness (OSA	nancements A) and MK 1	focus on P 1 In-Servic	ower and e Engineeri	ng			
Continues SDV MK11 P3I. P3I er endurance, and OSA with focus c environments.	nhancement on Advanced	s in FY 202 d Sonar Sof	5 will be foc tware upgra	used on Po Ides to kee	ower and Ei p pace with	nergy for im evolving cc	proved rang intested / de	ges and enied under	sea			
FY 2024 to FY 2025 Increase/De	ecrease Sta	tement:										

I Operations Command	Date: N	1arch 2024	
<b>R-1 Program Element (Number/Name)</b> PE 1160483BB / Maritime Systems	Project (Number/N S0417 / Underwate	<b>lame)</b> er Systems	
	FY 2023	FY 2024	FY 2025
ment (P3I) enhancements with focus on Power eness (OSA) with focus on Advanced Sonar Sof ents.	and tware		
	4.114	3.794	2.302
I, manufacturing, and testing efforts for a surfact of inserting and extracting SOF personnel and the ates Special Operations Command (USSOCOM Il classification, and the USSOCOM safety certi- ind reduce risk within the DCS program. This Vater Column Lock-In/Lock-Out (LI/LO), de- o maximize deployment opportunities while impri- he 2022 NDS by maintaining dominance in the ns for the Navy to operate in littoral and denied	e neir 1) ication oving areas,		
II interoperability, efforts to address obsolescer eveloped technologies.	ce,		
rability, efforts to address obsolescence, mast a	and		
st and Evaluation (FOT&E) and a programmation	: shift		
	2.583	12.423	12.471
alized underwater systems to meet the unique t DDS is a certified diving system, which attache orms. Funding supports product improvements a support systems, unmanned underwater vehic ligned with the 2022 National Defense Strategy perations in contested environments and it sup	es to to the les, ports		
	I Operations Command           R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems           ment (P3I) enhancements with focus on Power ness (OSA) with focus on Advanced Sonar Sof ents.           , manufacturing, and testing efforts for a surface of inserting and extracting SOF personnel and the ates Special Operations Command (USSOCOM I classification, and the USSOCOM safety certifind reduce risk within the DCS program. This Vater Column Lock-In/Lock-Out (LI/LO), de- enaximize deployment opportunities while impri- the 2022 NDS by maintaining dominance in the ns for the Navy to operate in littoral and denied and eveloped technologies.           II interoperability, efforts to address obsolescence, mast and eveloped technologies.           rability, efforts to address obsolescence, mast and eveloped technologies.           at and Evaluation (FOT&E) and a programmation DDS is a certified diving system, which attached proms. Funding supports product improvements to support systems, unmanned underwater vehic ligned with the 2022 National Defense Strategy perations in contested environments and it support	I Operations Command       Date: M         R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems       Project (Number/N S0417 / Underwater         ment (P3I) enhancements with focus on Power and ness (OSA) with focus on Advanced Sonar Software ents.       FY 2023         ment (P3I) enhancements with focus on Power and ness (OSA) with focus on Advanced Sonar Software ents.       4.114         , manufacturing, and testing efforts for a surface f inserting and extracting SOF personnel and their ates Special Operations Command (USSOCOM) I classification, and the USSOCOM safety certification and reduce risk within the DCS program. This Vater Column Lock-In/Lock-Out (LI/LO), de- maximize deployment opportunities while improving the 2022 NDS by maintaining dominance in the as for the Navy to operate in littoral and denied areas, arability, efforts to address obsolescence, eveloped technologies.         II interoperability, efforts to address obsolescence, eveloped technologies.       2.583         alized underwater systems to meet the unique DDS is a certified diving system, which attaches to orms. Funding supports product improvements to the support systems, unmanned underwater vehicles, ligned with the 2022 National Defense Strategy perations in contested environments and it supports	Doperations Command       Date: March 2024         R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems       Project (Number/Name) S0417 / Underwater Systems         Soft 17 / Underwater Systems       S0417 / Underwater Systems         ment (P3I) enhancements with focus on Power and ness (OSA) with focus on Advanced Sonar Software ents.       FY 2023       FY 2024         , manufacturing, and testing efforts for a surface f inserting and extracting SOF personnel and their ates Special Operations Command (USSOCOM) I classification, and the USSOCOM safety certification nd reduce risk within the DCS program. This Vater Column Lock-In/Lock-Out (LI/LO), de- maximize deployment opportunities while improving he 2022 NDS by maintaining dominance in the ns for the Navy to operate in littoral and denied areas, eveloped technologies.       I interoperability, efforts to address obsolescence, eveloped technologies.         alized underwater systems to meet the unique DDS is a certified diving system, which attaches to orms. Funding supports product improvements to the support systems, unmanned underwater vehicles, ligned with the 2022 National Defense Strategy perations in contested environments and it supports       2.583       12.423

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	Operations Command		Date: M	larch 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (N S0417 / U	lumber/N Inderwate	<b>lame)</b> er Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		F	r 2023	FY 2024	FY 2025
the sustainment of a resilient Joint Force used to deter aggression on by provi forces and platforms in hard-to-reach areas of the world in a clandestine manne	ding the capability to insert special operations er.	3			
<b>FY 2024 Plans:</b> Continue studies and analysis of future DDS to include concept designs, design analysis of alternatives, and efforts related to pre-milestone A. Continue development the useful life and increase the payload capacity of six DDSs.	n specifications, Request for proposal develo opment of legacy field changes necessary to	pment,			
<b>FY 2025 Plans:</b> Continues DDS Next generation studies and analysis to include concept design development, analysis of alternatives and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone and efforts related to pre-milestone A. Concessary to extend the useful life and increase the payload capacity capabilities and efforts related to pre-milestone and efforts related to pre-milesto	ns, design specifications, request for proposa ontinues development of legacy field changes es of six DDSs.	I			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$0.048 million supports legacy DDS improvements to sustain SOF improving performance, reliability and survivability.	employment on U.S. Navy Host Submarines	while			
Title: SOF Combat Diving (CBDIV), Program Number 713			3.281	4.617	14.499
<b>Description:</b> The SOF Combat Diving program enables the delivery of special and provides direct support the Navy's ability to conduct special operations. SO develop a family of systems of next generation diving equipment. Development systems, marine environmental protection, navigation, propulsion, and commun Combat Diver. Continued investment in SOF Combat Diving's efficient and sus continue extending their reach into contested/denied areas through propulsion bottom time through improved diver climate protection.	operations forces to denied or hostile areas OF Combat Diving rapidly develops prototype areas support SO-peculiar (SO-p) life suppon nication systems, which provides a fully outfit tainable capabilities will allow SOF operators and navigation improvements while increasing	s to rt ted to g			
<b>FY 2024 Plans:</b> Continue development, prototyping, and advanced development to include test navigation, communication, and propulsion equipment. Development, testing, and oxygen (HEO2) Underwater Breathing Apparatus (UBA).	ing and evaluation of environmental protectic and integration to support prototyping the hel	in, ium			
<b>FY 2025 Plans:</b> Continues development, prototyping and the advancement of EDM, testing and gas breathing apparatus and the development of associated diving procedures Emergency Breathing Systems and diving treatment systems supporting the Se platforms, next generation diver propulsive equipment with integrated thermal p	l rapid prototyping of new SO-p underwater n specific to SO-p capabilities. Development o O-p diving deployment from USSOCOM mari protection increasing range and duration in th	nixed f time e			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	Operations Command	Date: N	larch 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (Number/I 50417 / Underwate	<b>Name)</b> er Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
water, Development of Underwater Communications Networks of diver-to-diver communication systems of a new mixed gas Underwater Breathing Apparatus	communications, and optical and acoustic (UBA).			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$9.882 million supports the engineering, development, and manufa Apparatus and associated diving table procedures as well as new diving treatmenvironmental testing required for Submarine and DCS carry-on integration.	cturing of a next generation Underwater Breath nent systems, battery development, and all	ing		
Title: Undersea Craft Mission Equipment (UCME)		12.558	17.567	18.990
<b>Description:</b> UCME supports the transition of maritime focused Science and T response capability to support SOF underwater craft and diver systems, subsyster provides technology refresh efforts to correct system deficiencies, improve asseand exploit emerging technologies within the maritime SOF undersea capability Technology Readiness Level (TRL) 6 technology for compatibility, maturity, matu	echnology (S&T) efforts and provides a rapid stems, and their emerging requirements. UCME et life, and enhance mission capability to levera y portfolio. UCME focuses on spearheading spe arinization, and successful transition to the SOF	ge cific		
<i>FY 2024 Plans:</i> Continue development of undersea survivability enhancements; maritime navig domain communications; enhanced Command, Control, Communication, Comp Reconnaissance/Situational Awareness (C5ISR/SA); unique power and energy enabling technologies for assured access and building enduring advantage, all increment enhanced maritime navigation technology projects, which will continu programs.	pation technology projects; underwater and mar puters, Cyber, Intelligence, Surveillance, and capabilities; other capability enhancements ar gning to the 2022 NDS priorities. Begin the sec ue to provide enhanced capability to Maritime	time d cond		
<b>FY 2025 Plans:</b> Continues FY 2024 investments and development/transition of technologies to undersea technology insertion roadmap and aligned to 2022 NDS priorities. In survivability of SOF undersea platforms. Expands collaboration with strategic p	enable assured access, in support of SOF mar creases emphasis on technologies to improve partners to transition capabilities of interest.	time		
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$1.423 million for expanded investment in SOF undersea maritime susceptibility and enhance freedom of maneuver.	survivability technologies in order to reduce			
Title: Small Unmanned Surface Vessel (SUSV), Program Number V36		0.956	-	2.000
<b>Description:</b> The SOF SUSV program procures commercial-off-the-shelf (COT off-the-shelf (GOTS) payloads in accordance with Special Operations Rapid Refielding is divided into two endurance categories to address missions lasting a field of the statement of the	TS) modular systems that house government- equirements Document (SORRD). The SUSV few days (short endurance (SE) and missions			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command	Date: N	larch 2024	
Appropriation/Budget ActivityR-1 Program Element (Number/Name)Projection0400 / 7PE 1160483BB / Maritime SystemsS0417	ct (Number/N 7 / Underwate	<b>lame)</b> er Systems	
B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
lasting from months to years (long endurance (LE). The SE platforms will operate in concert with NSW Group 4 surface mobility assets and address contested logistics, enables access to contested / denied areas in the maritime domain, provides maritime special reconnaissance capabilities and reduces risk to personnel and manned platforms. The LE platforms will provide persistent maritime intelligence, surveillance, and reconnaissance (ISR).			
FY 2025 Plans: Continues in accordance with the rapid fielding MTA SORRD and competitive demonstration testing of short and long endurance categories.			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$2.000 million supports testing and evaluation of SUSVs for competitive down select and payload integration.			
Title: Small Unmanned Underwater Vehicle (SUUV), Program Number 799	0.260	-	-
<b>Description:</b> MK 18 SUUV enables access to contested/denied areas in the maritime domain, provides maritime special reconnaissance capabilities and reduces risk to personnel and manned platforms. This program develops and integrates SO-peculiar (SO-p) modifications to the Service Common, MFP-2 funded, Mark 18 SUUV.			
Title: Combatant Craft Light (CCL)	-	2.267	-
<b>Description:</b> The CCL is being designed to be a small combatant craft that supports deployment of six combat equipped SOF operators and their payloads for selected missions in multiple threat environments Based on reliability concerns of previous generation CCL Low Rate Initial Production (LRIP) articles and pending requirements update, a new design and prototype effort is required for a next generation-CCL craft. Its compact form factor provides SOF with versatile mission transportability, deployment, and utility capabilities.			
FY 2024 Plans:			
Begin design efforts and prototype development for the next-generation CCL MK2.			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$2.267 million is due to requirements being rephased.			
Title: Classified Programs	28.914	82.912	118.488
Description: Details provided under separate cover.			
<i>FY 2024 Plans:</i> Details provided under separate cover.			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Ju	stification: PB	2025 United	I States Spe	cial Operatio	ons Commar	nd			Date:	March 2024	
Appropriation/Budget Activity 0400 / 7				<b>R-1 P</b> I PE 11	r <b>ogram Ele</b> i 60483BB / /	<b>nent (Numb</b> <i>Maritime</i> Syst	<b>er/Name)</b> tems	Projec S0417	t (Number I Underwa	/ <b>Name)</b> ter Systems	
B. Accomplishments/Planned P	rograms (\$ in M	<u>/lillions)</u>						[	FY 2023	FY 2024	FY 2025
Details provided under separate of	cover.										
FY 2024 to FY 2025 Increase/De	crease Statem	ent:									
Details of \$35.576 million increase	e will be provide	d under sep	arate cover.								
				Accon	nplishment	s/Planned P	rograms Sub	ototals	53.917	7 124.672	169.864
							FY 2023	FY 20	24		
Congressional Add: Classified F	- Program						28.905	5	-		
FY 2023 Accomplishments: Det	tails provided un	der separate	e cover								
				Cong	ressional A	dds Subtota	als 28.905	5	-		
C. Other Program Funding Sum	<u>ımary (\$ in Milli</u>	<u>ons)</u>	<u>FY 2025</u>	<u>FY 2025</u>	<u>FY 2025</u>					<u>Cost To</u>	<u>)</u>
Line Item	FY 2023	FY 2024	Base	000	Total	FY 2026	FY 2027	FY 202	<u>8 FY 20</u>	29 Complete	Total Cost
PROC/0210US:	55.876	66.111	63.850	-	63.850	122.937	285.473	445.25	6 452.8	87 Continuing	g Continuing
Bomarks											
<ul> <li>D. Acquisition Strategy</li> <li>The SDV MK 11/SWCS initially Sole source Justification and App for engineering services and Fore articles. Sole source J&amp;A in deve P3I upgrades, using existing cont designated program.</li> </ul>	used full and op proval (J&A) was eign Military Sale lopment with a t tracts, governme	en competit approved a es productio arget contra ent agencies	ion with a do ind awarded n with optior ct planned a , and new co	own select to to deliver pr to procure I ward early 1 ontracts as a	a single co oduction art MK1111 - M Q FY 2025. ppropriate.	ntractor to av icles MK110 K1114 to sup The full spe The SDV MK	vard prototype 6 - MK1110. T oport Full Ope ctrum of conti 11 is a Major	e develop Third Pro rational racting a Capabi	oment and duction co Capability ctivities is lity Acquisi	low-rate initial ntract in develo increase to 14 being employe tion (MCA), AC	production. opment MK11 d for CAT III,
DCS leveraged full and open co contract was awarded with the fire	mpetition throug al vessel and Fi	gh market re ull Operatior	search to do nal Capable	own select to (FOC) expec	a single pri ted in FY24	ne contracto . DCS has be	r for 3 vessels een designate	s. A Fixe ed an MC	d Price Inc CA, ACAT I	entive Firm Ta IIS program.	rget
• The DDS is currently in sustain	ment through a r	naintenance	and service	contract co	mpetitively s	ourced in 20	18 with a base	e year a	nd four opt	ion periods pla	inned to

• The DDS is currently in sustainment through a maintenance and service contract competitively sourced in 2018 with a base year and four option periods planned to expire in 2023. The contract was extended by two years to 2025, to utilize existing labor hour ceiling on the contract. The modernization and engineering/change efforts for the six DDS in inventory are executed utilizing the existing services contract. The DDS is an MCA program.

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States S	pecial Operations Command	Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (Number/Name) S0417 / Underwater Systems
• The SOF Combat Diving Program has been designated a Middle Tier of SO-peculiar Life Support Systems, Marine Environmental Protection existing contracts, government agencies, and new contracts competitive	r of Acquisition (MTA). The purpose of the MTA pathy n, Navigation, Propulsion, and Communication system vely selected as appropriate.	way is to rapidly develop prototypes in support ns. SOF Combat Diving is executed using
• The UCME will use streamlined Federal Acquisition Regulation (FAR) Agreement, University Affiliated Research Center, and Federally Funde Other Transaction Authority agreements, where appropriate.	) contracting with existing or planned Indefinite Delive ed Research and Development Center contracts and	ery, Indefinite Quantity, Blanket Order use Non-FAR Acquisition Authorities and
• The SUSV program is designated a Middle Tier Acquisition (MTA). Th (SE) and long endurance (LE) SUSVs with the potential to meet Special demonstration. The SUSVs will be augmented with purpose built, mode	he goal of the MTA is to rapidly field capabilities throu al Operations Rapid Requirement Document (SORRI ular, plug-and-play sensors/payloads that meet SO-p	igh procurement of COTS short endurance D) requirements, then down select in a test requirements.
• The SUUV Program will augment a Navy service-common man-porta requirements.	ble UUV with purpose built, modular, plug-and-play s	ensors and payloads to meet SOF
• The next-generation CCL initial requirements definition, design, and p follow-on production contingent on cost tradeoffs and completeness of	prototyping are anticipated to be sole source. The US technical data.	SOCOM will evaluate limited competition for

Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	2025 Unite	ed States	Special C	Operation	is Comma	and				Date:	March 20	)24	
Appropriation/Budge	et Activity	1				<b>R-1 Pro</b> PE 116	ogram Ele 0483BB /	ement (N Maritime	umber/N Systems	ame)	Project (Number/Name) S0417 I Underwater Systems				
Product Developmer	nt (\$ in Mi	illions)		FY	FY 2023		FY 2024		2025 Ise	FY 2	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SEAL Delivery Vehicle (SDV)/Shallow Water Combat Submersible Engineering Changes / Tech Insertions/Pre- Planned Product Improvements	C/Various	Various : Various	6.892	1.251	Jan 2023	1.092	Mar 2024	1.114	Jan 2025	-		1.114	Continuing	Continuing	-
Dry Combat Submersible (DCS) Enhancements / Pre-Planned Product Improvement (P3I) Changes	C/Various	Battelle : Various	27.024	3.434	Nov 2022	3.000	Nov 2023	1.752	Jan 2025	-		1.752	Continuing	Continuing	-
Dry Deck Shelter (DDS) Field Changes/ Enhancements	C/Various	Various : Various	2.167	2.316	Jan 2023	11.830	Jan 2024	11.867	Jan 2025	-		11.867	Continuing	Continuing	-
Special Operations Forces (SOF) Combat Diving - Life Support	Various	Various : Various	-	0.455	Feb 2023	1.350	Mar 2024	4.546	Mar 2025	-		4.546	Continuing	Continuing	-
SOF Combat Diving - Maritime Environmental Protection	Various	Various : Various	11.100	0.295	Feb 2023	0.250	Mar 2024	0.656	Feb 2025	-		0.656	Continuing	Continuing	-
SOF Combat Diving - Diver Navigation	Various	Various : Various	-	0.105	Feb 2023	0.357	Mar 2024	1.224	Dec 2024	-		1.224	Continuing	Continuing	-
SOF Combat Diving - Diver Propulsion	Various	Various : Various	-	0.537	Feb 2023	0.311	Mar 2024	1.450	Mar 2025	-		1.450	Continuing	Continuing	-
SOF Combat Diving - Diver Communication	Various	Various : Various	-	0.554	Feb 2023	0.659	Mar 2024	2.053	Feb 2025	-		2.053	Continuing	Continuing	-
Undersea Craft Mission Equipment (UCME) Enhanced Maritime Navigation	C/Various	Various : Various	-	1.150	Nov 2022	1.650	Nov 2023	1.650	Nov 2024	-		1.650	Continuing	Continuing	-
UCME Enhanced Maritime Command, Control, Communication, Computers, Cyber, Intelligence, Surveillance,	C/Various	Various : Various	-	2.384	Nov 2022	6.365	Nov 2023	3.365	Nov 2024	-		3.365	Continuing	Continuing	-

Exhibit R-3, RDT&E	Project Co	<b>ost Analysis:</b> PB 2	025 Unite	ed States	Special C	Operatior	is Comma	ind				Date:	March 20	)24	
Appropriation/Budge 0400 / 7	et Activity	/				<b>R-1 Pro</b> PE 116	o <b>gram Ele</b> 0483BB /	ement (N Maritime	umber/Na Systems	ame)	Project S0417 /	(Number Underwa	r/ <b>Name)</b> ater Syste	ms	
Product Developmer	nt (\$ in Mi	illions)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 O	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
and Reconnaissance/ Situational Awareness (C5ISR/SA)															
UCME SOF Maritime Survivability	C/Various	Various : Various	-	3.587	Nov 2022	3.510	Nov 2023	6.933	Nov 2024	-		6.933	Continuing	Continuing	-
UCME SOF Maritime Power and Energy	C/Various	Various : Various	-	3.534	Nov 2022	3.534	Nov 2023	5.534	Nov 2024	-		5.534	Continuing	Continuing	-
UCME Other Assured Access Technologies	C/Various	Various : Various	-	1.108	Nov 2022	2.108	Nov 2023	1.108	Nov 2024	-		1.108	Continuing	Continuing	-
Small Unmanned Surface Vessel (SUSV)	C/Various	Various : Various	-	0.956	Apr 2023	-		2.000	Mar 2025	-		2.000	Continuing	Continuing	-
Small Unmanned Underwater Vehicle (SUUV)	C/Various	Various : Various	-	0.260	Mar 2023	-		-		-		-	Continuing	Continuing	-
Combatant Craft Light (CCL) Requirements Integration, Redesign and Prototype Planning	C/Various	Various : Various	-	-		2.267	Mar 2024	-		-		-	Continuing	Continuing	-
Classified Program	C/TBD	TBD : TBD	11.868	21.965		66.736		107.680		-		107.680	Continuing	Continuing	-
Classified Program Congressional Add	C/TBD	TBD : TBD	-	28.905		-		-		-		-	Continuing	Continuing	-
Prior Year Funding	Various	Various : Various	407.448	-		-		-		-		-	0.000	407.448	-
Prior Year Funding (Congressional Add)	C/Various	Various : Various	29.530	-		-		-		-		-	0.000	29.530	-
		Subtotal	496.029	72.796		105.019		152.932		-		152.932	Continuing	Continuing	N/A
Support (\$ in Million	s)			FY2	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 O(	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Funding	Various	Various : Various	9.094	-		-		-		-		-	0.000	9.094	-
		Subtotal	9.094	-		-		-		-		-	0.000	9.094	N/A

Exhibit R-3, RDT&E I	Project C	ost Analysis: PB 2	025 Unite	ed States	Special C	Operation	is Comma	and				Date:	March 20	)24	
Appropriation/Budge	et Activity				R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems						Project (Number/Name) S0417 / Underwater Systems				
Test and Evaluation	(\$ in Milli	ons)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 O	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCS Developmental/ Operational Test and Evaluation	C/Various	Various : Various	32.591	0.650	Dec 2022	-		0.520	Dec 2025	-		0.520	Continuing	Continuing	-
SOF Combat Diving Developmental Test and Evaluation	Various	Various : Various	3.790	1.129	Oct 2022	1.505	Oct 2023	4.220	Oct 2024	-		4.220	Continuing	Continuing	-
Prior Year Funding	Various	Various : Various	13.809	-		-		-		-		-	0.000	13.809	-
		Subtotal	50.190	1.779		1.505		4.740		-		4.740	Continuing	Continuing	N/A
Management Service	es (\$ in M	illions)		FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 O	2025 CO	FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCS	Various	Apogee : Tampa, FL	23.542	0.030	Sep 2023	0.794	Jun 2024	0.030	Jun 2025	-		0.030	Continuing	Continuing	-
DDS	Various	NAVSEA : Washington, DC	2.872	0.267	Jan 2022	0.593	Dec 2023	0.604	Dec 2024	-		0.604	Continuing	Continuing	-
SOF Combat Diving	C/Various	Apogee : Tampa, FL	0.901	0.206	Aug 2023	0.185	Aug 2024	0.350	Aug 2025	-		0.350	Continuing	Continuing	-
UCME	C/Various	Various : Various	1.683	0.795	Dec 2022	0.400	Jun 2024	0.400	Nov 2024	-		0.400	Continuing	Continuing	-
Classified Program	TBD	TBD : TBD	3.400	6.949		16.176		10.808		-		10.808	Continuing	Continuing	-
Prior Year Funding	Various	Various : Various	9.331	-		-		-		-		-	0.000	9.331	-
		Subtotal	41.729	8.247		18.148		12.192		-		12.192	Continuing	Continuing	N/A
			Prior Years	FY	2023	FY 2	2024	FY 2 Ba	2025 Ise	FY 2 OC	2025 CO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
	_	Project Cost Totals	597.042	82.822		124.672		169.864		-		169.864	Continuing	Continuing	N/A

Remarks



Appropriation/Budget Activity 0400/7

#### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) 0400/7 PE 1160483BB *I Maritime Systems* S0417 I Underwater Systems Dry Combat Submersible (DCS) Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 Activity 1 2 3 4 2 3 4 1 2 3 4 2 3 4 2 3 4 2 3 4 1 2 34 1 1 1 1 Time nov Acquisition Phase: Prod & Deployment Phas **Operations & Sustainment** RDTE: SG Thruster Enhancements / Pre-Planned Product Improvement (P3I) Changes Main Motor Controller Development - Hull, Mechanical, & Electrical P3I Next Generation Mobility - Non-Propulsion, Electric Systems P3I Sensor Development surface Host Tow - Capability Enhancement P3I Submerge Ized Pavload De Management Services FOT&E OT CF&DR Support Development/Operational Test & Evaluation FOT&E A IOC/FOC 🛆 Contract Award Article Delivery/Milestone 🔤 RDT&E 🧮 Procurement 🔤 O&M Previously Reported



#### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 Appropriation/Budget Activity **R-1 Program Element (Number/Name)** Project (Number/Name) 0400/7 PE 1160483BB I Maritime Systems S0417 I Underwater Systems Dry Deck Shelter (DDS) Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 Activity 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 1 2 3 4 ime,now RDT&E: horebasedtesting Dry Deck Shelter (DDS) -01S Modernization -Integration during HOST SUB's scheduled Depot Technology Demonstrator Maintenance Availability Period Product Development - DDS Field Changes Initial \$tudies/Analysis Product Development - DDS Next Generation Requirements/Design/Specifications 1st Article-Engineering & Manufacturing Development PROC: DDS Modifications/Modernization/Field Legacy Field Changes / Modernization Changes DDS Next Build-Shelter 2 - DDS Next Generation Procurement Build - Shelters 3&4 Build elters 48 O&M: Sustainment Article / Contract Award 🔺 Article Delivery 🥅 RDT&E Procurement 🛾 0&M Previously Reported







Other Assured Access Technologies

Obligation AI-H2O – Aluminum SeaWater Battery

IOC/FOC

Article /

Contract Award /

Interop

υυv

Tethe

RDT&E

Tow

- DC S

Machine RebreatherFleet

CBMS – Critical Battery Management System

\_Article

📈 Transition

Weight

Panels

Article

Delivery

- DC S

ReductionLearning-DCS

Integration

Studies

PROC

Next Gen

Payloads

M&0

Previously

Reported



# Small Unmanned Surface Vessel (SUSV) Schedule



Exhibit R-4, RDT&E Schedule Profile: PB 2025 United S	tates Special Operations Command	Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (Number/Name) S0417 / Underwater Systems
Small Un	manned Underwater	Vehicle



### Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Project (Number/Name) PE 1160483BB *I Maritime Systems* S0417 I Underwater Systems Combatant Craft Light (CCL) Schedule FY26 FY27 2 3 4 FY29 2 3 4 FY23 FY24 FY25 FY28 Activity 1 2 3 4 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 1 Time now RDT&E: CCL Next-Gen development and design CRRC revitalization PROC: CCL Next-Gen Low-Rate Initial Production **CRRC Full Rate Production** O&M: Sustainment Article / Contract Award Article Delivery RDT&E Procurement IOC / FOC M&O **Previously Reported** CRRC = Combat Rubber Raiding Craft

UNCLASSIFIED

Appropriation/Budget Activity 0400/7

### PE 1160483BB: Maritime Systems United States Special Operations Command

hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Opera	ations Command			Date: March 2024		
oropriation/Budget Activity 0 / 7	R-1 Program El PE 1160483BB	ement (Number Maritime Syster	r/ <b>Name)</b> ms	Project (Number/Nam S0417 / Underwater Sy	<b>e)</b> vstems	
Sch	edule Details					
		Sta	art	En	d	
Events by Sub Project		Quarter	Year	Quarter	Year	
SEAL Delivery Vehicle (SDV)						
Engineering Changes/Technology Insertions/Pre-planned Product Improv	ements (P3I)	1	2023	4	2029	
Dry Combat Submersibles (DCS)				· · · · ·		
Enhancements/P3I		1	2023	4	2029	
Operational Test and Evaluation	1	2023	3	2028		
Dry Deck Shelter Modernization (DDS)						
DDS Modernization/Field Changes Product Development		1	2023	4	2029	
DDS Next Product Development		2	2023	4	2029	
Special Operation Forces (SOF) Combat Diving						
Life Support Systems Rapid Prototyping, Test, and Integration		1	2023	4	2029	
Maritime Environmental Protection Rapid Prototyping, Test, and Integratic	on	1	2023	4	2029	
Diver Navigation Rapid Prototyping, Test, and Integration		1	2023	4	2029	
Diver Propulsion Rapid Prototyping, Test, and Integration		1	2023	4	2029	
Diver Communication Rapid Prototyping, Test, and Integration		1	2023	4	2029	
Undersea Craft Mission Equipment (UCME)		L				
Enhanced Maritime Navigation		1	2023	4	2029	
Enhanced Maritime Command, Control, Communications, Computers, Cy Intelligence, Surveillance and Reconnaissance (C5ISR)/Situational Aware	ber, eness	1	2023	4	2029	
SOF Maritime Survivability		1	2023	4	2029	
SOF Maritime Power & Energy (P&E)		1	2023	4	2029	
Other Assured Access Technologies		1	2023	4	2029	
Small Unmanned Surface Vessel (SUSV)		L		, , ,		

Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Ope	erations Comman	d		Date: March 2024					
Appropriation/Budget Activity 0400 / 7	<b>R-1 Program E</b> PE 1160483BE	Element (Number 3 / Maritime Syste	<b>r/Name)</b> ms	Proje S041	ct (Number/Nam 7 I Underwater Sy	<b>e)</b> /stems			
		Start			End				
Events by Sub Project		Quarter	Year		Quarter	Year			
Platform integration: Government off the Shelf (GOTS) payloads, COMM Payload configuration	1	2025		4	2029				
Small Unmanned Underwater Vehicle (SUUV)				I	L.				
Payload, Cyber and Software Development and Carry On Hardware (CC SO-p requirements	OH) Testing for	1	2026		4	2029			
Combatant Craft Light (CCL)									
CCL Next-Gen development and design		1	2026		4	2029			
CRRC Revitalization		1	2024		4	2026			

Exhibit R-2A, RDT&E Project Ju	stification	: PB 2025 L	Inited States	s Special O	perations C	Command				Date: Mare	ch 2024	
Appropriation/Budget Activity 0400 / 7					<b>R-1 Progr</b> PE 116048	<b>am Elemen</b> 33BB / <i>Marit</i>	<b>t (Number</b> / time Systen	Name) ns	<b>Project (N</b> S1684 / Sเ	Date: March 2024         ct (Number/Name)         4 / Surface Craft         028       FY 2029       Complete       Cost To         028       FY 2029       Complete       Complete       Complete         0.161       68.950       Continuing       Coil         -       -       -       -         oment, Pre-Planned Product       o provides for pre-acquisition       or maritime craft and subsystem         all, highly trained forces the abili       -       -         FY 2023       FY 2024       FY 3         3.769       6.745       -		
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
S1684: Surface Craft	107.997	27.151	33.559	40.923	-	40.923	92.898	69.425	60.161	68.950	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
<b><u>A. Mission Description and Buc</u></b> This project provides for the Englimprovement (P3I), and technolo	<b>Iget Item Ju</b> neering and av insertion	ustification Manufactu to meet the	ring Develo unique rea	pment (EM uirements	D) of comb	atant craft, o Operations F	combatant o	craft mission	n equipmen iect also pro	t, Pre-Planr	ned Produc re-acquisitic	t
activities (materiel solutions anal leading to increased lethality and successfully conduct operations	ysis, advand survivability associated v	ced compon y of personr with SOF m	ent develop nel and equi aritime miss	ment and p pment. The ions.	prototypes) e craft capa	to quickly re bilities and u	espond to n unique equi	ew requiren pment prov	ide small, h	aritime craft ighly trained	and subsy d forces the	stems, ability to
B. Accomplishments/Planned P	rograms (\$	in Millions	<u>s)</u>						FY	2023 F	Y 2024	FY 2025
<b>Description:</b> The CCM is Naval 8 in contested environments. The C maritime contested environments Visit, Board, Search, and Seizure (pax)/10,000-pound (lb) payload; mitigating seats for the piloting te long, CCM is C-17/C-5 transporta aligned with the 2022 National De missions, and its speed and agilit when required. Continued investr advantage, enable assured access of persistent transboundary threa areas to enable effects that may 1 supporting the joint fires plans ev <b>FY 2024 Plans:</b> Continue development and testin Reconnaissance (C5ISR) capabil development of CCM Mk2. <b>FY 2025 Plans:</b>	Special War CCM is a ser CCM is a ser (VBSS) Op and 600 na am, which is ble and car efense Strat y combined nent in this as in contes ts and future nave previou en with an a g of Comma ities. Begin	fare's (NSW mi-enclosed supports a perations. The utical miles is critical for a launch/rec egy (NDS) is with mobilitic craft ensures ted maritime e operating usly require asset constru- and, Control developme	V's) craft-of- I, multi-miss variety of mi- ne CCM cap (nm) range. ride quality, over by well mperatives ty enables ra- se efficient a e environmen d support fro ained subm- , Communic	choice for l ion combat ssions, to i abilities pro The CCM operator ta deck of a g to enhance apid respor nd sustaina nts, and po ts. Addition om the Sub arine force.	ong-range, tant craft for nclude Mar ovide: 40 kr payload ca actical readi grey hull or e maritime s ase and sup able capabil osture SOF nally, this play omarine For puters, Cyl ncing capab	high-payloa platoon-siz itime Interdi- not (kt) spee pacity enabl ness, and o shore-base ecurity throu- ports distrib ities which e and the Joir atform provi ce, ensuring per, Intellige ilities and an	d SOF mot the maritime ction, Insert d; 4 crew + les inclusion perator hea d trailer. Th ugh patrols buted Maritin establish ou the Force to des access g that NSW	bility operations operations t/Extract, ar 19 passens of shock alth. At 60 fe e CCM is and surveil me operation meet challe into contes can continu illance, and studies for	the			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special O	perations Command	Da	te: Ma	arch 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (Num S1684 / Surfac	<b>ser/Na</b> ce Cra	ame) ft	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 20	23	FY 2024	FY 2025
Begins Engineering and Manufacturing Development (EMD) Phase for the CCM	И Mk2.				
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$11.938 million supports continued CCM Mk2 design efforts, Critical production representative article for the CCM Mk2 EMD Phase.	al Design Review, and development of the				
Title: Combatant Craft Heavy (CCH), Program Number 819		3.	608	0.975	0.995
<b>Description:</b> The CCH provides platoon-size maritime surface mobility. The cull Insertion, Observation and Neutralization (SEALION) craft. The CCH is a fully-ecraft that operates in contested environments. The CCH is NSW's most versatil of-choice for sensitive maritime intelligence, surveillance, and reconnaissance re + 12 pax / 3,300 lb payload; and 400 nm range. The CCH payload capacity enapiloting team, which is critical for ride quality, operator tactical readiness, and of C-5 transportable and can launch/recover by gray hull well deck, shore based in the 2022 NDS imperatives to support SOF in the realm of strategic competition. By deploying these craft, NSW can demonstrate the U.S. military's commitment and respond rapidly to emerging threats. This aligns with the strategy's emphase and strengthening alliances and partnerships. Continued investment in this craft which establish our competitive advantage, enable assured access in contested Joint Force to meet challenges of persistent transboundary threats and future oprovides access into contested areas to enable effects that may have previousl ensuring that NSW can continue supporting the joint fires plans even with an assured access into contested areas to enable effects that may have previousl ensuring that NSW can continue supporting the joint fires plans even with an assured access into contested areas to enable effects that may have previousl ensuring that NSW can continue supporting the joint fires plans even with an assured access into contested areas to enable effects that may have previousl ensuring that NSW can continue supporting the joint fires plans even with an assured access into contested areas to enable effects that may have previousl ensuring that NSW can continue supporting the joint fires plans even with an assured access into contested areas to enable effects that may have previousl ensuring that NSW can continue supporting the joint fires plans even with an assured access into contested areas to enable effects that may have previousl	arrent CCH is formerly known as the Sea, Air, enclosed, climate-controlled, semi-submersib le and survivable combatant craft and the cra missions. CCH capabilities: 40 kt speed; 7 cra ables inclusion of shock mitigating seats for th perator health. At 77+ feet long, the CCH is C nobile travel lift, or crane. The CCH is aligned and provide regional presence and deterrent to allies and partners, deter potential advers sis on maintaining a credible deterrent posture ft ensures efficient and sustainable capabilities d maritime environments, and posture SOF a sperating environments. Additionally, this platt y required support from the Submarine Force set constrained submarine force.	Land e ft e e c-17/ with ce. aries, e s nd the form			
FY 2024 Plans: Continue development and integration of C5ISR/SA and survivability enhancem	nents.				
<b>FY 2025 Plans:</b> Continues development and integration of C5ISR/SA and survivability enhance	ments.				
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.020 million supports continued development and integration of C	C5ISR/SA and survivability enhancements.				
Title: Combatant Craft Mission Equipment (CCME)		7.	566	8.095	8.164
<b>Description:</b> CCME supports the transition of Maritime focused Science and Toresponse capability to support SOF combatant craft systems, subsystems, and technology refresh efforts to correct system deficiencies, improve asset life, and exploit emerging technologies within the maritime SOF surface capability portform	echnology (S&T) efforts and provides a rapid their emerging requirements. CCME also pro d enhance mission capability to leverage and blio. CCME focuses on enhancing both existin	vides g and			

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States	s Special Operations Command	Date:	March 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (Number S1684 / Surface (	/ <b>Name)</b> Craft	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
future technologies at Technology Readiness Level (TRL) 6 for com- with the primary objective of successful technology transitions to SO	patibility, maturity, and design for the marine environme F combatant craft Programs of Record.	ent,		
<b>FY 2024 Plans:</b> Continue evaluation and development of surface survivability enhance and energy capabilities such as hybrid electric propulsion; Alternative technologies for assured access and building enduring advantage, a survivability radar countermeasures effort.	cements; enhanced C5ISR/SA capabilities; unique pow e Positioning, Navigation, and Timing (APNT); and ena ligning to the 2022 NDS priorities. Begin a new maritin	er bling ne		
<i>FY 2025 Plans:</i> Continues ALTPNT capability development; continues development current and future system displays into one software suite; begins ur propulsion; begins Artificial Intelligence/Machine Learning (AI/ML) da crafts; begins Small Unmanned Surface vehicles (USV) and Unmann studies to enhance craft survivability.	of the Mission Management System which will integrate nique power and energy capabilities such as hybrid elec ata collection study to provide future enhancement to su ned Systems (UxS) sensor/payload integration; continu	e ctric urface es		
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.069 million is due to a new Enhanced Maritime Navig environments.	ation effort providing imperative ALTPNT data for GPS	denied		
Title: Combatant Craft Assault (CCA), Program Number 820		0.914	2.007	1.732
<b>Description:</b> The CCA is a combatant craft for squad-size maritime NSW's best craft for Visit, Board, Search, Seizure operations becaus with an Afloat Forward Staging Base. CCA Capabilities: 40 kt speed feet long, the CCA is air transportable by C-130/C-17/C-5 and can la CCA program adheres to the objectives of the 2022 NDS by acceler enhances maritime security through patrols and surveillance mission response and supports distributed Maritime operations.	mobility operations in contested environments. The CC se of open deck space, maneuverability, and interopera ; 5 crew + 10 pax/5,000 lb payload; and 300 nm range. aunch/recover by crane, well deck, or shore-based traile ating its advantageous technology to the operating forc ns; its speed and agility combined with mobility enables	A is bility At 41 er. The es and rapid		
<b>FY 2024 Plans:</b> Continue development, integration, and testing of the Joint Threat W Networking (MTMN).	arning System (JTWS) and the Maritime Tactical Missi	on		
<b>FY 2025 Plans:</b> Continuing development, integration, and testing of MTMN and mod	ernization efforts to reduce operational risk and ensure	agility.		
FY 2024 to FY 2025 Increase/Decrease Statement:				

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special	Operations Command		Date: N	larch 2024	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems	Project (N S1684 / S	lumber/l urface Ci	<b>lame)</b> raft	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		F	2023	FY 2024	FY 2025
<i>Title:</i> Maritime Precision Engagement (MPE), Program Number 671			10.716	10.125	2.725
<b>Description:</b> The MPE is a standoff, loitering, man-in-the-loop weapons syst of targeting individuals, groups, vehicles, high value targets, and small ocean consists of combatant craft alterations and munition launcher systems. This pemployed by SOF Combatant Craft to enable assured access in contested m NDS supporting strategic competition influence through Integrated Deterrence advantages for the future Joint Force.	tems deployed on combatant craft and capable agoing craft with low collateral damage. The MF program integrates kinetic and non-kinetic effect paritime environments and aligns with the 2022 are and building enduring competitive technologi	rE ts cal			
<i>FY 2024 Plans:</i> Continue development of craft modifications and operator control station to p Complete development of the CCM A-kit modifications and testing in prepara development of the munition launcher B-kit to refine the EDM-2 MPE launcher and operational assessment. Continue planned product improvements.	roduce a fully integrated operational capability. Ition for transition to production. Complete er. Accelerate completion of developmental tes	ting			
<i>FY 2025 Plans:</i> Complete integrated development testing, and system demonstration event. baseline and configuration management control. Develop the final, Baseline	Continue with engineering support to establish 3, Technical Data Package (drawings) for CCM	MK2			
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease of \$7.400 million is due to directed shift of CCM MK1 integration to	CCM MK2 future production.				
Title: Special Operations Craft Riverine (SOCR), Program Number 821			0.578	0.612	0.624
<b>Description:</b> The SOCR is an aluminum-hull mobility platform for use in river SOF in low to medium threat environments and is C-130 transportable. The S supporting the Regional Presence and Deterrence missions, demonstrating to deter potential adversaries, and respond rapidly to emerging threats.	rine and littoral areas for short range insertion of SOCR adheres to the objectives of the 2022 NE he U.S. military's commitment to allies and part	ıf )S by ners,			
<b>FY 2024 Plans:</b> Continue development and testing of C5ISR capabilities [Comms Box and Ne (CCFLIR)] and continue to conduct pre-award preliminary studies for next ge hybrid electric propulsion options. Begin study for Next-Generation Riverine	ext-Gen Combatant Craft Forward Looking Infra neration SOF riverine craft to include (Next-Ge capability.	ared n)			
FY 2025 Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States S	Special Operation	ons Commar	d			Date: Ma	arch 2024	
Appropriation/Budget Activity 0400 / 7	<b>R-1 P</b> I PE 11	r <b>ogram Ele</b> r 60483BB / A	n <b>ent (Numb</b> Iaritime Syst	er/Name) tems	Project S1684	<b>(Number/N</b> Surface Cra	ame) ft	
B. Accomplishments/Planned Programs (\$ in Millions)						FY 2023	FY 2024	FY 2025
Continues development and testing of C5ISR capabilities (Comms Bost SEAFLIR) and craft armor replacement.	ox, Tactical Opera	ations Cente	r Network (T	OCNET) and	b			
FY 2024 to FY 2025 Increase/Decrease Statement: Increase of \$0.012 million supports development of SOCR armor upgr	rade testing due	to obsolesce	ence of curre	ent craft armo	or.			
Title: Classified Program						-	5.000	8.000
Description: Details provided under separate cover.								
<b>FY 2024 Plans:</b> Details provided under separate cover.								
<b>FY 2025 Plans:</b> Details provided under separate cover.								
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Details for increase of \$3.000 million provided under separate cover.								
	Accon	nplishment	s/Planned P	rograms Su	btotals	27.151	33.559	40.923
C. Other Program Funding Summary (\$ in Millions)								
Line Item         FY 2023         FY 2024         Bar           • PROC/0204SCCS:         94.598         55.064         66.4           Combatant Craft Systems           Remarks           N/A	ESE         FY 2025           ISE         OCO           .55         -	<u>FY 2025</u> <u>Total</u> 66.455	<u>FY 2026</u> 41.541	<u>FY 2027</u> 96.209	<u>FY 2028</u> 98.868	<ul> <li>FY 2029</li> <li>91.389</li> </ul>	Cost To Complete Continuing	Total Cost Continuing

### D. Acquisition Strategy

• The CCM MK1 was a two-phase source selection process. Phase I involved a Small Business Set-Aside competition for two vendors to design, build and deliver test articles. Phase II selected a single vendor to provide a fully integrated baseline craft system for test and evaluation with options for production, engineering support, and contractor logistics support. The CCM Mk2 will employ government engineering expertise and lessons learned to develop and field an evolutionary NSW combatant craft. The CCM program is utilizing the Major Capability Acquisition (MCA) pathway.

• The CCH SEALION I & II were transitioned from United States Navy advanced technology demonstrator craft to the USSOCOM. Sustainment for the CCH I, II, and III is conducted via Special Operations Forces Support Activity. The CCH is utilizing the MCA pathway.

Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special C	Date: March 2024									
Appropriation/Budget Activity 0400 / 7	Project (Number/Name) S1684 / Surface Craft									
• The CCME will use streamlined Federal Acquisition Regulation (FAR) contracting with existing or planned Indefinite Delivery, Indefinite Quantity (IDIQ), Basic Ordering Agreement (BOA), University Affiliated Research Center (UARC), and Federally Funded Research and Development Center contracts and use Non-FAR Acquisition Authorities and Other Transaction Authority agreements and Military Interdepartmental Purchase Requests, where appropriate.										
• The CCA will continue to develop, test, and integrate Command, Control, Computers, Communications, Cyber, Intelligence, Surveillance, and Reconnaissance (C5ISR) capability enhancements required to increase the craft performance characteristics, reliability, and survivability. Exercised ordering period four of the five-year IDIQ contract supporting Capital Equipment Replacement Program. The CCA is utilizing the MCA pathway.										
• The MPE will employ government engineering expertise and lessons learned to develop a common launch system for NSW combatant craft. A small quantity of initial production units will be procured through Naval Surface Warfare Center (Dahlgren), and the production decision for the remaining units will be based on the quantities identified in the validated CCM Mk2 requirement document. The MPE is designated a MTA program which uses the rapid fielding pathway.										
• The SOCR will continue development and testing of C5ISR capabilities and outilizes the MCA pathway.	continue the development, testing and integra	tion of replacement craft armor. The SOCR								

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command Date: March 2024																	
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name)ProjectPE 1160483BB / Maritime SystemsS1684 /					t <b>(Number/Name)</b> I Surface Craft						
Product Development (\$ in Millions)			FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total						
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Combatant Craft Medium (CCM) Survivability Test and Evaluation	MIPR	NSW Carderock Combatant Craft Division : Norfolk, VA	-	1.758	Oct 2022	3.600	Apr 2024	2.000	Apr 2025	-		2.000	Continuing	Continuing	-		
CCM Environmental Enclosure Kit	MIPR	NAVSEA : Washington D.C.	-	2.011	Nov 2022	-		-		-		-	0.000	2.011	-		
CCM MK2 Design	SS/TBD	Various : Various	-	-		3.145	Apr 2024	4.000	Oct 2024	-		4.000	Continuing	Continuing	-		
CCM Mk2 Development	C/Various	Various : Various	-	-		-		12.683	Jul 2025	-		12.683	Continuing	Continuing	-		
Combatant Craft Heavy (CCH)	C/Various	Various : Various	12.691	3.608	Jan 2023	0.975	Jan 2024	0.995	Jan 2024	-		0.995	Continuing	Continuing	-		
Combatant Craft Mission Equipment (CCME) Enhanced Maritime Navigation	C/Various	Various : Various	-	1.326	Nov 2022	1.742	Nov 2023	1.824	Nov 2024	-		1.824	Continuing	Continuing	-		
CCME Enhanced Maritime C5ISR/Situational Awareness (SA)	C/Various	Various : Various	-	1.263	Nov 2022	0.810	Nov 2023	0.860	Nov 2024	-		0.860	Continuing	Continuing	-		
CCME SOF Maritime Survivability	C/Various	Various : Various	-	3.405	Nov 2022	4.100	Nov 2023	4.000	Nov 2024	-		4.000	Continuing	Continuing	-		
CCME SOF Maritime Power and Energy	C/Various	Various : Various	-	0.785	Nov 2022	0.656	Nov 2023	0.689	Nov 2024	-		0.689	Continuing	Continuing	-		
CCME Other Assured Access Technologies	C/Various	Various : Various	-	0.787	Nov 2022	0.787	Nov 2023	0.791	Nov 2024	-		0.791	Continuing	Continuing	-		
Combatant Craft Assault (CCA) Pre-Planned Product Improvement	C/Various	Various : Various	5.636	0.914	Nov 2022	2.007	Jan 2024	1.732	Mar 2025	-		1.732	Continuing	Continuing	-		
Maritime Precision Engagement (MPE)	C/Various	NSWC : Dahlgren, VA	29.059	10.458	Dec 2022	9.855	Dec 2023	2.440	Dec 2024	-		2.440	Continuing	Continuing	-		
Special Operations Craft Riverine (SOCR)	C/Various	Various : Various	-	0.578	Mar 2023	0.612	Mar 2024	0.624	Feb 2025	-		0.624	Continuing	Continuing	-		
Classified Program	TBD	TBD : TBD	-	-		3.250		6.000		-		6.000	Continuing	Continuing	-		
Prior Year Costs	C/Various	Various : Various	53.014	-		-		-		-		-	0.000	53.014	-		
		Subtotal	100.400	26.893		31.539		38.638		-		38.638	Continuing	Continuing	N/A		
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command										Date:	March 20	24					
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Appropriation/Budget Activity 0400 / 7						<b>R-1 Program Element (Number/Name)</b> PE 1160483BB / Maritime Systems				Project (Number/Name) S1684 / Surface Craft							
Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	]				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Prior Year Costs	C/Various	Various : Various	3.646	-		-		-		-		-	0.000	3.646	-		
Subtotal 3.646			3.646	-		-		-		-		-	0.000	3.646	N/A		
Management Services (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
MPE	C/Various	Various : Various	0.617	0.258	Dec 2022	0.270	Dec 2023	0.285	Dec 2024	-		0.285	Continuing	Continuing	-		
Classified Program	C/Various	TBD : TBD	-	-		1.750		2.000		-		2.000	Continuing	Continuing	-		
Prior Year Costs	C/Various	Various : Various	3.334	-		-		-		-		-	0.000	3.334	-		
Subtotal 3.9			3.951	0.258		2.020		2.285		-		2.285	Continuing	Continuing	N/A		
		Prior Years	FY	2023	FY	2024	FY 2 Ba	2025 ISE	FY 2 OC	025 :O	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract			
Project Cost Totals			107.997	27.151		33.559		40.923		-		40.923	Continuing	Continuing	N/A		

**Remarks** 



#### UNCLASSIFIED Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) 0400/7 PE 1160483BB I Maritime Systems S1684 / Surface Craft Combatant Craft Heavy (CCH) Schedule FY23 FY24 FY25 FY26 FY27 FY28 FY29 1 2 3 4 1 2 FY27 Activity ïme<sup>l</sup>now RDT&E: C5ISR Enhancements Survivability/Signature Testing Technical Data Package Development Joint Threat Warning System (JTWS) Integration CCH Next Analysis Procurement: CCH 3 Post-Prod Mod C-17 Transporter - 1 qty C-17 Transporter - 2 qty Full Operational Capability CCH-IV Production (CCH 1 CERP) CCH-V Production (CCH 2 CERP) O&M:

Sustainment/Yard Periods (1 per FY)

IOC / FOC 🔷 Contract Award

Article Delivery

RDT&E

Procurement

M&O Previously Reported



#### UNCLASSIFIED Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name) 0400/7 PE 1160483BB I Maritime Systems S1684 / Surface Craft **Combatant Craft Assault (CCA)** Schedule FY28 FY23 FY24 FY25 FY26 FY27 FY29 Activity 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 1 2 3 4 RDT&E: Time 'now Analysis and Test Analysis and TestAnalysis and Test Analysis and Tes Preplanned Product Improvement (Survivability. Comms Comms/Mast TZ Touch3/VI Upgrade C6ISR, Mast/Comms Box Development and Integration 2 Piece Belt Development Antenna integration) Integration Joint Threat Warning System Mountain Man (MTMN) Development Two speed marine gear/Hydraulic system Shock mitigating seating PROC Delivery of Crafts 37-42 (FOC) Delivery of Crafts 43-44; CERP Crafts 1-2 Delivery of Craft 45; CERP Craft 3 Delivery of Crafts 46-50; CERP Crafts 4-8 Delivery of Crafts 51-55; CERP Crafts 9-13 Contract Option Award Delivery of Crafts 56-57; CERP Crafts 14-15 Contract ption Award Delivery of Crafts 58-62: CERP Crafts 16-20 Contract Option Award Delivery of Crafts 63-67: CERP Crafts 21-25 Contract Option Award Contract Option Award Government Furnished Equipment /Engineering Change Proposals O&M Sustainment Procurement Sel O&M Previously Reported 🔺 IOC / FOC 今 Article / Contract Award 🔺 Article Delivery RDT&E C6ISR - Command, Control, Communication, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance CERP -Capital Equipment Replacement Program CCFLIR - Combatant Craft Forward Looking Infrared



#### UNCLASSIFIED Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command Date: March 2024 R-1 Program Element (Number/Name) Appropriation/Budget Activity Project (Number/Name) 0400/7 PE 1160483BB I Maritime Systems S1684 / Surface Craft Special Operations Craft Riverine (SOCR) Schedule FY23 FY26 FY27 **FY28** FY29 FY24 FY25 Activity 1 2 3 4 1 2 3 4 1 2 3 4 2 3 4 2 3 4 2 3 4 2 3 1 1 1 Time now RDT&E: Next Gen Propulsion Technology Enhancements (C5ISR/Comms Box, TOCNET, SEAFLIR)1 Craft Armor PROC: 0&M: Sustainment IOC / FOC Article / ContractAward Article Delivery RDT&E Procurement 0&M PreviouslyReported C5ISR - Command, Control, Computers, Communications, Cyber, Intelligence, Reconnaissance, Surveillance TOCNET - Tactical unified Voice Management System SEAFLIR - Sea Forward-Looking Infrared

ibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operation	Date: March 2024				
oropriation/Budget ActivityR-10 / 7PE	Program Element (Number 1160483BB / Maritime Syste	Project (Number/Name) S1684 / Surface Craft			
Schedu	ule Details				
	Sta	art	Er	nd	
Events by Sub Project	Quarter	Year	Quarter	Year	
Combatant Craft Medium (CCM)					
Survivability Test and Evaluation	1	2023	4	2025	
Environmental Enclosure Kit (EEK)	1	2023	2	2024	
CCM Mk2 Design	1	2024	4	2025	
CCM MK2 Development	4	2025	3	2027	
Combatant Craft Heavy (CCH)					
Preplanned Product Improvement (Weapons / C5ISR / Survivability)	1	2023	4	2029	
Technical Data Package Development	1	2023	2	2023	
Joint Threat Warning System Integration	1	2026	4	2026	
CCH Next Analysis	1	2023	4	2023	
Combatant Craft Mission Equipment (CCME)					
Enhanced Maritime Navigation	1	2023	4	2029	
Enhanced Maritime C5ISR/Situational Awareness	2	2023	4	2029	
SOF Maritime Survivability	1	2023	4	2029	
SOF Maritime Power & Energy (P&E)	2	2025	2	2027	
Other Assured Access Technologies	1	2023	2	2026	
Operator Training and Performance	4	2024	4	2026	
Combatant Craft Assault (CCA)					
Preplanned Product Improvement (Survivability, Weapons, C5ISR, Combatar Forward Looking Infrared 2)	nt Craft 1	2023	4	2029	
Maritime Precision Engagement (MPE)					
Engineering/Manufacturing Development	1	2023	4	2025	
Preplanned Product Improvement - Multi-Munition Launch	1	2026	4	2029	

hibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command								
<b>R-1 Program I</b> PE 1160483BE	Element (Number 3 / Maritime System	Project (Number/Name) S1684 / Surface Craft						
Start			End					
	Quarter	Year		Quarter	Year			
CCM Test Article Baseline 1 System Integration								
CCM MK1 Baseline 2 System Integration								
	1	2025		2	2026			
			ł					
	1	2023		4	2028			
	3	2024		3	2025			
	Pperations Commar R-1 Program I PE 1160483BE	Querations Command       R-1 Program Element (Number PE 1160483BB / Maritime Syste       Quarter       Quarter       1       3       1       3       1       3       1       3       1       3       1       3       3       3       3       3	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems           Quarter         Year           1         2023           3         2023           1         2025           1         2025           1         2023           1         2025           1         2023           3         2023           3         2023           3         2023           3         2023           3         2023	R-1 Program Element (Number/Name) PE 1160483BB / Maritime Systems         Project S1684 /           V         Quarter         Year           1         2023         1           3         2023         1           1         2025         1           1         2025         1           1         2025         1           3         2023         1           3         2023         1	Date: MarchR-1 Program Element (Number/Name) PE 1160483BB / Maritime SystemsProject (Number/Name) S1684 / Surface CraftVQuarterYearQuarterQuarterYearQuarter120234320234120252120234320234120252120234320243			

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command Date: March 2024													
<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I</i> BA 7: <i>Operational Systems Development</i>				3A 7:	<b>R-1 Program Element (Number/Name)</b> PE 1160490BB / Operational Enhancements Intelligence								
COST (\$ in Millions) Prior Years FY 2023 FY		FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost		
Total Program Element	159.385	12.583	15.749	17.233	-	17.233	17.463	17.813	18.116	18.477	Continuing	Continuing	
S500D: Operational159.38512.583Enhancements Intelligence159.38512.583				17.233	-	17.233	17.463	17.813	18.116	18.477	Continuing	Continuing	
A. Mission Description and Bur This project is part of the Military Program Annual Report to Cong	dget Item Ju / Intelligence ress. (\$ in Million)	ustification Program.	<u>ı</u> This projec	t is reported	d in accorda	nce with Tit	le 10, Unite	d States Co	ode, Sectior	n 119(a)(1) i C <b>O</b>	n the Speci	al Access	
B. Program Change Summary (\$ In Millions)					15.749		17 233		-		17 233		
Current President's Buda		12.583	15.74	49	17.233		-		17.233				
Total Adjustments				0.000	0.00	0.0		00	-		0.000		
Congressional General Reductions				-		-							
<ul> <li>Congressional Directed Reductions</li> </ul>				-		-							
<ul> <li>Congressional Rescissions</li> </ul>				-		-							
Congressional Adds				-		-							
<ul> <li>Congressional Directed Transfers</li> </ul>				-		-							
Reprogrammings				-		-							
SBIR/STTR Transfer				-		-							
Change Summary Expla Funding:	anation												
FY 2023: None.													
FY 2024: None.													
FY 2025: None.													
L													

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