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**Department of Defense
Fiscal Year (FY) 2022 Budget Estimates**

May 2021



United States Special Operations Command

Defense-Wide Justification Book Volume 1 of 2

Procurement, Defense-Wide

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United States Special Operations Command • Budget Estimates FY 2022 • Procurement

Table of Volumes

Chemical and Biological Defense Program.....	Volume 1
Defense Contract Audit Agency.....	Volume 1
Defense Contract Management Agency.....	Volume 1
Defense Counterintelligence and Security Agency.....	Volume 1
DoD Human Resources Activity.....	Volume 1
Defense Information Systems Agency.....	Volume 1
Defense Logistics Agency.....	Volume 1
Defense Media Activity.....	Volume 1
Defense POW MIA Accounting Agency.....	Volume 1
Defense Production Act Purchases.....	Volume 1
Defense Security Cooperation Agency.....	Volume 1
Defense Threat Reduction Agency.....	Volume 1
Department of Defense Education Activity.....	Volume 1
Office of the Secretary Of Defense.....	Volume 1
The Joint Staff.....	Volume 1
United States Special Operations Command.....	Volume 1

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United States Special Operations Command • Budget Estimates FY 2022 • Procurement

Washington Headquarters Services..... Volume 1
Missile Defense Agency..... Volume 2

UNCLASSIFIED

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United States Special Operations Command • Budget Estimates FY 2022 • Procurement

Volume 1 Table of Contents

Introduction and Explanation of Contents.....Volume 1 - v
Comptroller Exhibit P-1.....Volume 1 - vii
Line Item Table of Contents (by Appropriation then Line Number)..... Volume 1 - xiii
FY 2022 Direct War and Enduring Costs..... Volume 1 - xv
Acronyms..... Volume 1 - xvii
Exhibit P-40s..... Volume 1 - 1

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Footnotes

FY 2020 Actuals

Includes Division A, Title IX and X of the Consolidated Appropriations Act, 2020 (P.L. 116-93), Division F, Title IV and V from the Further Consolidated Appropriations Act, 2020 (P.L. 116-94) and the Coronavirus Aid, Relief, and Economic Security Act (P.L. 116-136).

FY 2021 Enacted

Includes Division C, Title IX and Division J, Title IV of the Consolidated Appropriations Act, 2021 (P.L. 116-260).

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Defense-Wide
FY 2022 President's Budget
Exhibit P-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

07 May 2021

Appropriation -----	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
Procurement, Defense-Wide	2,568,238	2,403,450	2,169,437
Total Defense-Wide	2,568,238	2,403,450	2,169,437

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Defense-Wide
FY 2022 President's Budget
Exhibit P-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

07 May 2021

Organization: Procurement, Defense-Wide -----	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
U.S., Special Operations Command, SOCOM	2,568,238	2,403,450	2,169,437
Total	2,568,238	2,403,450	2,169,437

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Defense-Wide
FY 2022 President's Budget
Exhibit P-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

07 May 2021

Appropriation: Procurement, Defense-Wide

Budget Activity -----	FY 2020 Actual*	FY 2021 Enacted**	FY 2022 Request
02. Special Operations Command	2,568,238	2,403,450	2,169,437
Total Procurement, Defense-Wide	2,568,238	2,403,450	2,169,437

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Defense-Wide
 FY 2022 President's Budget
 Exhibit P-1 FY 2022 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

07 May 2021

Appropriation: 0300D Procurement, Defense-Wide

Line No	Item Nomenclature	Ident Code	FY 2020 Actual*		FY 2021 Enacted**		FY 2022 Request		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command									

Aviation Programs									
52	Armed Overwatch/Targeting				1	21,000	6	170,000	U
53	Manned ISR			5,000		45,120		2,500	U
54	MC-12			5,000		5,000		2,250	U
55	MH-60 Blackhawk	A		25,264				29,900	U
56	Rotary Wing Upgrades and Sustainment			177,483		211,041		202,278	U
57	Unmanned ISR	A		19,955		32,695		55,951	U
58	Non-Standard Aviation			26,664		61,874		3,282	U
59	U-28			42,398		28,536		4,176	U
60	MH-47 Chinook			201,093		135,482		130,485	U
61	CV-22 Modification			17,256		54,109		41,762	U
62	MQ-9 Unmanned Aerial Vehicle			7,238		6,746		8,020	U
63	Precision Strike Package			232,599		233,111		165,224	U
64	AC/MC-130J			143,232		153,914		205,216	U
65	C-130 Modifications			16,461		17,014		13,373	U
Shipbuilding									
66	Underwater Systems			58,942		20,556		17,227	U
Ammunition Programs									
67	Ordnance Items <\$5M			402,899		289,652		168,072	U

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Defense-Wide
 FY 2022 President's Budget
 Exhibit P-1 FY 2022 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

07 May 2021

Appropriation: 0300D Procurement, Defense-Wide

Line No	Item Nomenclature	Ident Code	FY 2020 Actual*		FY 2021 Enacted**		FY 2022 Request		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Procurement Programs									
68	Intelligence Systems			118,341		111,216		131,889	U
69	Distributed Common Ground/Surface Systems			12,522		11,645		5,991	U
70	Other Items <\$5M			103,059		82,691		62,722	U
71	Combatant Craft Systems			48,462		33,278		17,080	U
72	Special Programs			64,806		107,365		44,351	U
73	Tactical Vehicles			119,107		33,148		26,806	U
74	Warrior Systems <\$5M			344,003		342,606		284,548	U
75	Combat Mission Requirements			29,702		29,848		27,513	U
76	Global Video Surveillance Activities			4,787		2,401			U
77	Operational Enhancements Intelligence			16,249		20,585		20,252	U
78	Operational Enhancements			325,716		312,817		328,569	U
Total Special Operations Command				2,568,238		2,403,450		2,169,437	
Total Procurement, Defense-Wide				2,568,238		2,403,450		2,169,437	

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United States Special Operations Command • Budget Estimates FY 2022 • Procurement

Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 0300D: Procurement, Defense-Wide

Line #	BA	BSA	Line Item Number	Line Item Title	Page
52	02	01	0201ARMOWT	Armed Overwatch/Targeting.....	Volume 1 - 1
53	02	01	0201MANISR	MANNED ISR.....	Volume 1 - 9
54	02	01	0201MC12	MC-12.....	Volume 1 - 13
55	02	01	0201MH60	MH-60 BLACKHAWK.....	Volume 1 - 15
56	02	01	0201RWUPGR	ROTARY WING UPGRADES AND SUSTAINMENT.....	Volume 1 - 25
57	02	01	0201UMNISR	UNMANNED ISR.....	Volume 1 - 61
58	02	01	0207NSAV	NON-STANDARD AVIATION.....	Volume 1 - 67
59	02	01	0607U28	U-28.....	Volume 1 - 75
60	02	01	0610MH47	MH-47 CHINOOK.....	Volume 1 - 81
61	02	01	1000CV2200	CV-22 MODIFICATION.....	Volume 1 - 93
62	02	01	1108MQ9	MQ-9 UNMANNED AERIAL VEHICLE.....	Volume 1 - 111
63	02	01	1202PSP	PRECISION STRIKE PACKAGE.....	Volume 1 - 115
64	02	01	2012C130J	AC/MC-130J.....	Volume 1 - 121
65	02	01	5000C13000	C-130 MODIFICATIONS.....	Volume 1 - 145
66	02	02	2010US	UNDERWATER SYSTEMS.....	Volume 1 - 149
67	02	03	0203ORD	ORDNANCE ITEMS <\$5M.....	Volume 1 - 153

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United States Special Operations Command • Budget Estimates FY 2022 • Procurement

Appropriation 0300D: Procurement, Defense-Wide

Line #	BA	BSA	Line Item Number	Line Item Title	Page
68	02	04	020400INTL	INTELLIGENCE SYSTEMS.....	Volume 1 - 161
69	02	04	020401INTL	DISTRIBUTED COMMON GROUND/SURFACE SYSTEM.....	Volume 1 - 169
70	02	04	0204OTHER	OTHER ITEMS <\$5M.....	Volume 1 - 173
71	02	04	0204SCCS	COMBATANT CRAFT SYSTEMS.....	Volume 1 - 179
72	02	04	0204SPCPRG	SPECIAL PROGRAMS.....	Volume 1 - 185
73	02	04	0204TACVEH	TACTICAL VEHICLES.....	Volume 1 - 187
74	02	04	0204WARSYS	WARRIOR SYSTEMS <\$5M.....	Volume 1 - 191
75	02	04	0206CMR	COMBAT MISSION REQUIREMENTS.....	Volume 1 - 205
76	02	04	0607GVAS	GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	Volume 1 - 209
77	02	04	0607OEI	OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	Volume 1 - 211
78	02	04	2143369000	OPERATIONAL ENHANCEMENTS.....	Volume 1 - 213

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Department of Defense Appropriations Act, 2022
Procurement, Defense-Wide, United States Special Operations Command
(\$ In Thousands)

Procurement funding facilitates the purchase of Special Operation Forces (SOF) major end items and defense systems, initial issue of spares and all costs necessary to deliver a useful end item intended for operational use or inventory. The SOF specialized weapon systems include, but not limited to SOF Aviation programs, shipbuilding programs, communication systems, vehicles, ammunitions, various warrior systems, and other SO-peculiar items. \$2,169,437 to remain available for obligation until September 30, 2024.

The FY22 Overseas Contingency Operations accounted for in the base budget are as follows:

- Direct War costs accounted for in the Base Budget: \$81,710: Direct War costs are those combat or direct combat support costs that will not continue to be expended once combat operations end at major contingency locations.
- Enduring costs accounted for in the Base Budget: \$151,687: Enduring Requirements are enduring in theater and in CONUS costs that will remain after combat operations cease and have previously been funded in OCO.

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ACRONYMS

Acronym	Full Naming Convention
A2/AD	Anti-Access/Area Denial
AA	Air-to-Air
AbMN	Airborne Mission Networking
ACT	AFT Cabin Trainer
ADM	Acquisition Decision Memorandum
AMLCD	Active Matrix Liquid Crystal Display
ADS-B	Automatic Dependent Surveillance-Broadcast
AFRL	Air Force Research Laboratory
A&FC	Airworthiness and Flight Characteristics
AI	Artificial Intelligence
AISR	Airborne Intelligence, Surveillance, Reconnaissance
ALFPK	Austere Location Force Protection Kits
Alt PNT	Alternative Precision Location and Timing
AM	Amplitude Modulation
AMLCD	Active Matrix Liquid Crystal Display
AMN	Airborne Mission Network
AMS	Aviation Management System
APAS	Active Parallel Actuator System
ARSOA	Army Special Operations Aviation
ASE	Aircraft Survivability Equipment
ASIF	All Source Information Fusion
ATD	Advanced Technology Demonstration
ATPIALS	Advanced Target Pointer Illuminator Aiming Laser System
ATW	Advanced Threat Warning
AvFID	Aviation Foreign Internal Defense
AVS	Air Variant System
AWR	Air Worthiness Release
BAA	Broad Area Announcement
BFT	Blue Force Tracking
BLOS	Beyond Line of Site
BOA	Basic Ordering Agreement

ACRONYMS

CASEVAC	Casualty Evacuation
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
CASEVAC	Casualty Evacuation
CBA	Cost Benefit Analysis
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
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
CMNS	Combat Mission Needs Statement
CMS	Combat Mission Simulator
CNVD	Clip-On Night Vision Device
COD	Correction of Deficiencies
COP	Common Operational Picture
COSI	Clip-On Short Wave Infrared Imager
COTI	Clip-On Thermal Imager

ACRONYMS

COTM	Communications-on-the-Move
COTS	Commercial-Off-The-Shelf
CP	Counter-Proliferation
CPD	Capabilities Production Document
CQC	Close Quarter Combat
CT	Counter-Terrorism
C-UAS	Counter - Unmanned Aerial Systems
DAMS	Distributed Audio Media System
DCGS-SOF	Distributed Common Ground/Surface System--Special 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
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
EGI	Embedded Global Inertial
EGPWS	Enhanced Ground Proximity Warning
ELINT	Electronic Intelligence
EMD	Engineering and Manufacturing Development

ACRONYMS

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
FAA	Federal Aviation Agency
FABS	Fly-Away Broadcast System
FAR	Federal Acquisition Regulation
FADE	Fusion Analysis and Development Effort
FCD	Field Computing Devices
FFRDC	Federally Funded Research Development Center
FDWS	Forward Defensive Weapon System
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
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

ACRONYMS

GMV	Ground Mobility Vehicle
GOTS	Government-Off-The-Shelf
GPPU	General Purpose Processing Units
GPS	Global Positioning System
GSK	Ground Signals Intelligence Kit
GTR	Gun Training Room
HEL	High Energy Laser
HF	High Frequency
HFIS	Hostile Fire Indicator System
HFTTL	Hostile Forces Tagging, Tracking, and Locating
HHI	Hand Held Imager
HLM	Handheld Laser Marker
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
IT	Information Technology
ITMS	Integrated Tactical Mission Systems
JIE	Joint Information Environment
JOS	Joint Operational Stocks

ACRONYMS

JTAC	Joint Terminal Attack Controller
JTWS	Joint Threat Warning System
LAM	Laser Aiming Marker
LCM	Low Cost Modification
LCS	Load Carriage System
LEA	Long Endurance Aircrat
LFT&E	Live Fire Test and Evaluation
LiDAR	Light Detection and Ranging
LMAMS	Lethal Miniature Aerial Munition Systems
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
LRU	Line Replaceable Unit
LSDB	Laser--Small 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
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
MERIT	Military Exploitation of Reconnaissance and Intelligence Technology
MFD	Multi-Function Display
MFP	Major Force Program
MG	Machine Gun
MGS	Modular Glove System

ACRONYMS

MICH	Modular Integrated Communications Helmet
MIP	Military Intelligence Program
MIPR	Military Interdepartmental Purchase Request
MISO	Military Information Support Operations
MLE	Military Liaison Element
MMP	Multi-Mission Payload
MPE	Maritime Precision Engagement
MPU	Mission Processor Unit
MR/ME	Medium Range/Medium Endurance
MS	Milestone
MSSEP	Mobile SOF Strategic Entry Points
MTA	Middle Tier Acquisition
MTD	Mission Training Devices
MTPS	Mission Training and Preparation Systems
MTS-B	Multi-Spectral Targeting System--B
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

ACRONYMS

NSCV	Non-Standard Commercial Vehicle
NSSS	National Systems Support to SOF
NTM	National Technical Means
NVD	Night Vision Devices
OA	Operational Assessment
OCO	Overseas Contingency Operations
OEM	Original Equipment Manufacturer
OFP	Operational Flight Program
OT	Operational Test
OT&E	Operational Test and Evaluation
P3I	Pre-Planned Product Improvement
PCAS	Persistent Close Air Support
PCU	Protective Combat Uniform
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
QL-CBA	Quick-Look Capabilities-Based Assessment
RAMS	Removable Airborne Military Information Support Operations System
RC-IED	Counter Radio Controlled-Improvised Explosive Device
RCI	Rapid Capability Insertion
R&D	Research and Development
RDT&E	Research, Development, Test, and Evaluation
RECCE	Tactical Reconnaissance Kit
RF	Radio Frequency

ACRONYMS

RFCM	Radio Frequency Countermeasures
RIS	Radio Integration System
ROP	Remote Observation Post
RSTA	Reconnaissance, Surveillance, and Targeting Acquisition
RWR	Radar Warning Receiver
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 Node--Extension 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
SEAL	Sea, Air, Land
SEALION	Sea, Air, Land, Insertion Observation Neutralization
SFAC	Security Forces Assistance Craft
SGM	Small Glide Munition
SIE	Special Operations Forces Information Environment
SIGINT	Signals Intelligence
SIL	System Integration Lab
SIM	Sensor Integration Module
SIP	System Inegration Partner
SIRFC	Suite of Integrated Radio Frequency Countermeasures
SKR	Silent Knight Radar
SMS	Special Mission System

ACRONYMS

SOCRATES	Special Operations Command, Research, Analysis and Threat Evaluation System
SOF	Special Operations Forces
SOF-P	Special Operations Forces--Peculiar
SOFNET	Special Operations Forces Network
SOFPREP	Special Operations Forces Planning, Rehearsal, and Execution Preparation
SOFSA	Special Operations Forces Support Activity
SOMPE	Special Operations Mission Planning and Execution
SOPGM	Standoff Precision Guided Munitions
SoS	System of Systems
SPCOM	Special Communications Field Segment - Enterprise
SPEAR	SOF Personal Equipment Advanced Requirements
SPPN	Special Purpose Processing Node
SMU	Special Mission Units
SR	Special Reconnaissance
SR/SE	Short Range/Short Endurance
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
SURG	Suppressed Upper Receiver Group
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

ACRONYMS

TENCAP	Tactical Exploitation of National Capabilities
TF/TA	Terrain Following/Terrain Avoidance
TOCNET	Tactical Operations Center
TMN	Tactical (Airborne) Mission Network
TMS	Tactical Mission Systems
TMMR	Technology Maturation and Risk Reduction
TPAN	Tactical Personal Area Networks
TRL	Technical Readiness Level
TSOC	Theater Special Operations Command
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
UGS/UMS	Unattended Ground Sensors/Unattended Maritime Sensors
UHF	Ultra High Frequency
UI	User Interface
URG	Upper Receiver Groups
VAK	Virtual Accompany Kits
VAS	Visual Augmentation Systems
VAS-BM	Visual Augmentation-Binocular-Monocular
VASWA	Visual Augmentation System-Weapons Accessories
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

ACRONYMS

WPNAC Weapons Accessories

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting
---	--

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160403BB	Other Related Program Elements: 1160403BB
--	---	--

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	1	6	-	6 ⁽¹⁾	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	21.000	170.000	-	170.000	-	-	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	21.000	170.000	-	170.000	-	-	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	21.000	170.000	-	170.000	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	15.000	-	15.000	-	-	-	-	-	-
Flyaway Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Armed Overwatch program transferred from Air Force Light Attack Aircraft (P-1 Line Item Number OAX0001) to United States Special Operations Command beginning in the FY 2021 budget request.

Armed Overwatch provides Special Operations Forces (SOF) with deployable, affordable, and sustainable aircraft systems capable of executing Close Air Support (CAS), Precision Strike, and Armed Intelligence, Surveillance & Reconnaissance (Armed ISR) requirements in austere and permissive environments for use in Irregular Warfare operations in support of the Interim National Security Strategy Guidance (INSSG) priorities. These capabilities will be pursued via rapid fielding techniques when appropriate.

Schedule and quantities for FY 2022 are refined estimates based on market research and pre-award acquisition activities. The originally planned production award (4Q FY 2021) will be delayed at least eight months due to delayed prototype demonstrations and to allow for the completion of additional analysis. Production award is scheduled for 3Q FY 2022.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting
---	--

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160403BB	Other Related Program Elements: 1160403BB
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Armed Overwatch	P-5a, P-21			- / -	- / -	1 / 21.000	6 / 170.000	- / -	6 / 170.000 ⁽²⁾
P-40	Total Gross/Weapon System Cost				- / -	- / -	1 / 21.000	6 / 170.000	- / -	6 / 170.000

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 Funds are required to support the procurement and fielding of six Armed Overwatch aircraft, initial spares, required support equipment, training devices, mission planning devices, and other government costs.

Footnotes:
 (1) Quantity/Unit Cost are initial estimates at time of publishing.
 (2) System Engineering/Program Management and Other Government Costs include but are not limited to: completion of production drawing packages, production start-up, air worthiness certification activities, preparation for operational user assessments, initiation of training courseware, initiation of technical manuals, and acquisition document development.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting	Item Number / Title [DODIC]: Armed Overwatch

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	1	6	-	6
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	21.000	170.000	-	170.000 ⁽²⁾
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	-	21.000	170.000	-	170.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	21.000	170.000	-	170.000

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	15.000	-	15.000
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Flyaway - Aircraft Cost																		
Recurring Cost																		
Aircraft ^(†)	-	-	-	-	-	-	21.000	1	21.000 ⁽³⁾	17.000	6	102.000 ⁽⁴⁾	-	-	-	17.000	6	102.000
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	21.000	-	-	102.000	-	-	-	-	-	102.000
Non Recurring Cost																		
Initial Spares	-	-	-	-	-	-	-	-	-	-	-	15.000	-	-	-	-	-	15.000
System Engineering/ Program Management	-	-	-	-	-	-	-	-	-	-	-	12.000	-	-	-	-	-	12.000
Support Equipment	-	-	-	-	-	-	-	-	-	-	-	12.000	-	-	-	-	-	12.000
Training Devices	-	-	-	-	-	-	-	-	-	-	-	15.000	-	-	-	-	-	15.000
Mission Planning Systems	-	-	-	-	-	-	-	-	-	-	-	4.000	-	-	-	-	-	4.000
Other Government Costs	-	-	-	-	-	-	-	-	-	-	-	10.000	-	-	-	-	-	10.000
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	68.000 ⁽⁵⁾	-	-	-	-	-	68.000
Subtotal: Flyaway - Aircraft Cost	-	-	-	-	-	-	-	-	21.000	-	-	170.000	-	-	-	-	-	170.000
Gross/Weapon System Cost	-	-	-	-	-	-	-	1	21.000	-	6	170.000	-	-	-	-	6	170.000 ⁽²⁾

(†) indicates the presence of a P-5a

Footnotes:

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting	Item Number / Title [DODIC]: Armed Overwatch
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
<p>(2) System Engineering/Program Management and Other Government Costs include but are not limited to: completion of production drawing packages, production start-up, air worthiness certification activities, preparation for operational user assessments, initiation of training courseware, initiation of technical manuals, and acquisition document development.</p> <p>(3) All costs are estimates based on pre-award activities and market research.</p> <p>(4) Quantity/Unit Cost are initial estimates at time of publishing.</p> <p>(5) System Engineering/Program Management and Other Government Costs include but are not limited to: completion of production drawing packages, production start-up, air worthiness certification activities, preparation for operational user assessments, initiation of training courseware, initiation of technical manuals, and acquisition document development.</p>		

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Exhibit P-5a, Procurement History and Planning: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting	Item Number / Title [DODIC]: Armed Overwatch
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Aircraft ^(†)		2022	TBD / TBD	TBD	TBD	Apr 2022	Apr 2023	6	17.000	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting	Item Number / Title [DODIC]: Armed Overwatch
---	--	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022														Fiscal Year 2023														BALANCE																								
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022														Calendar Year 2023																																					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																												
Aircraft																																																										
1		2022	SOCOM	6	0	6																								A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																												

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting	Item Number / Title [DODIC]: Armed Overwatch
---	--	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Aircraft																																	
1		2022	SOCOM	6	1	5	1	-	1	-	1	-	1	-	-	-	-	1														0	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201ARMOWT / Armed Overwatch/Targeting	Item Number / Title [DODIC]: Armed Overwatch
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2022	1-8-5 For 2022	MAX For 2022	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TBD - TBD	1	1	6	-	-	12	12	-	-	-	-

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201MANISR / MANNED ISR
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160433BB	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	28.101	5.000	45.120	2.500	-	2.500	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	28.101	5.000	45.120	2.500	-	2.500	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	28.101	5.000	45.120	2.500	-	2.500	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 Line Item is part of the Military Intelligence Program (MIP). It includes programs which provide for Intelligence, Surveillance, and Reconnaissance (ISR) in support of irregular warfare operations. This line funds Special Operations Forces (SOF) peculiar modifications and rapid fielding to manned ISR aircraft. Primary mission emphasis is on signals intelligence, imagery, target acquisition, threat warning, threat identification, and surveillance missions. Includes avionics, sensor maintenance, peculiar support equipment, communication systems, common datalink systems, training, trainers, Mission Training Devices (MTD) and the associated ground processing, exploitation, and dissemination system. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$5.000 million appropriated for Overseas Contingency Operations.
 FY 2021 funding totals include \$45.120 million appropriated for Overseas Contingency Operations.
 FY 2022 funding totals include \$2.5000 million Base with \$0.000 million Direct War and \$2.500 million for Enduring Costs in the Base Budget.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201MANISR / MANNED ISR
---	---

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160433BB	Other Related Program Elements: N/A
--	---	--

Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Manned ISR				- / 28.101	- / 5.000	- / 45.120	- / 2.500	- / -	- / 2.500
P-40	Total Gross/Weapon System Cost				- / 28.101	- / 5.000	- / 45.120	- / 2.500	- / -	- / 2.500

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2022 ENDURING PROGRAM JUSTIFICATION: Procures low cost modifications for the Special Operations Command Tactical Airborne Multi-Sensor Platforms (STAMP).

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201MANISR / MANNED ISR **Aggregated Items Title:** Manned ISR

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Manned Intelligence, Surveillance and Reconnaissance Hardware																				
1 / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
2 / Low Cost Modifications Overseas Contingency Operations (OCO)			-	-	28.101	-	-	5.000	-	-	5.000	-	-	-	-	-	-	-	-	-
3 / Combat Replacement Aircraft (OCO)			-	-	-	-	-	-	-	40.120	-	-	-	-	-	-	-	-	-	-
Subtotal: Manned Intelligence, Surveillance and Reconnaissance Hardware			-	-	28.101	-	-	5.000	-	-	45.120	-	-	2.500	-	-	-	-	-	2.500
Total			-	-	28.101	-	-	5.000	-	-	45.120	-	-	2.500	-	-	-	-	-	2.500

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201MC12 / MC-12
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	144.718	5.000	5.000	2.250	-	2.250	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	144.718	5.000	5.000	2.250	-	2.250	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	144.718	5.000	5.000	2.250	-	2.250	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 Line Item is part of the Military Intelligence Program (MIP). The mission of the MC-12W/Javaman is to provide a manned fixed wing capability for tactical airborne Intelligence, Surveillance, Reconnaissance (ISR), and Targeting in support of Theater Special Operations Forces (SOF). This line funds SOF peculiar manned ISR aircraft modifications and associated training systems to meet evolving SOF mission requirements. There is no associated Research, Development, Test and Evaluation. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$5.000 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$5.000 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$2,250 million Base with \$0.000 million Direct War and \$2.250 million for Enduring Costs in the Base Budget.

The FY 2022 funding request was reduced by \$0.250 million to account for the availability of prior year execution balances.

Justification:

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures low cost modifications to United States Special Operations Command's Government Owned Contractor Operated Javaman aircraft.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201MH60 / MH-60 BLACKHAWK
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160482BB
--	---	--

Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,043.400	25.264	-	29.900	-	29.900	-	-	-	-	-	1,098.564
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,043.400	25.264	-	29.900	-	29.900	-	-	-	-	-	1,098.564
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,043.400	25.264	-	29.900	-	29.900	-	-	-	-	-	1,098.564

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	32.910	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	14.409	9.687	-	13.094	-	13.094	-	-	-	-	-	32.910
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Army Special Operations Aviation (ARSOA) provides organic aviation support to Special Operations Forces (SOF) for worldwide contingency operations and low-intensity conflicts, Multi-Domain Operations (MDO) against near-peer threat environments. ARSOA employs 72 highly specialized MH-60 aircraft capable of worldwide rapid deployment operations and penetration of hostile areas for these missions. The aircraft are capable of operating at extended ranges under adverse weather conditions and harsh environments deep in enemy territory. These aircraft are used to infiltrate, provide logistics for, reinforce, provide close air support, and extract SOF. Year-to-year changes in baseline aircraft configuration received from Army increase costs for SOF-unique conversions. The MH-60 program provides ARSOA with a single model aircraft prepared to support the SOF ground force commander into the foreseeable future.

FY 2020 funding totals include \$25.264 million appropriated for Overseas Contingency Operations to replace aircraft battle losses that occurred in FY 2018 and FY 2020.
 FY 2022 funding totals include \$29.900 million Base with \$29.900 million Direct War and \$0.000 million for Enduring Costs in the Base Budget for an aircraft loss that occurred in FY 2021.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201MH60 / MH-60 BLACKHAWK
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160482BB
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Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	1 / MH-60 BLACKHAWK	P-5a, P-21			2 / 46.200	1 / 25.264	- / -	1 / 29.900	- / -	1 / 29.900
P-40a	Modifications Prior Years				- / 997.200	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / 1,043.400	- / 25.264	- / -	- / 29.900	- / -	- / 29.900

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2022 DIRECT WAR PROGRAM JUSTIFICATION: Funds A and B kits, labor, and program support for SOF-unique modifications to replace one MH-60M Blackhawk battle loss.

FY 2020 cost reflects an MH-60M Assault configuration aircraft. Increase of \$4.636 million in FY 2022 is for a replacement aircraft based on specific modifications, labor and unique equipment for a MH-60M Defensive Armed Penetrator (DAP) aircraft configuration.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201MH60 / MH-60 BLACKHAWK	Item Number / Title [DODIC]: 1 / MH-60 BLACKHAWK

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	2	1	-	1	-	1
Gross/Weapon System Cost (<i>\$ in Millions</i>)	46.200	25.264	-	29.900	-	29.900
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	46.200	25.264	-	29.900	-	29.900
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	46.200	25.264	-	29.900	-	29.900

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - Government Furnished Equipment Cost																		
Recurring Cost																		
A Kits	-	-	12.356	-	-	14.077	-	-	-	-	-	14.945	-	-	-	-	-	14.945
B Kits ^(†)	14.409	2	28.818	9.687	1	9.687	-	-	-	13.094	1	13.094	-	-	-	13.094	1	13.094
<i>Subtotal: Recurring Cost</i>	-	-	41.174	-	-	23.764	-	-	-	-	-	28.039	-	-	-	-	-	28.039
<i>Subtotal: Hardware - Government Furnished Equipment Cost</i>	-	-	41.174	-	-	23.764	-	-	-	-	-	28.039	-	-	-	-	-	28.039
Support - Support Cost																		
Labor and Program Support	-	-	5.026	-	-	1.500	-	-	-	-	-	1.861	-	-	-	-	-	1.861
<i>Subtotal: Support - Support Cost</i>	-	-	5.026	-	-	1.500	-	-	-	-	-	1.861	-	-	-	-	-	1.861
Gross/Weapon System Cost	-	2	46.200	-	1	25.264	-	-	-	-	1	29.900	-	-	-	-	1	29.900

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201MH60 / MH-60 BLACKHAWK	Item Number / Title [DODIC]: 1 / MH-60 BLACKHAWK
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
B Kits ^(†)	✓	2017	Lockheed Martin / Lexington, KY	SS / CPFF	Fort Eustis, VA	Sep 2017	Jun 2019	1	17.410	Y		
B Kits ^(†)	✓	2019	Lockheed Martin / Lexington, KY	SS / CPFF	Fort Eustis, VA	Feb 2019	Oct 2021	1	11.408	Y		
B Kits ^(†)	✓	2020	Lockheed Martin / Lexington, KY	SS / CPFF	Fort Eustis, VA	Feb 2020	Oct 2022	1	9.687	Y		
B Kits ^(†)		2022	Lockheed Martin / Lexington, KY	SS / CPFF	Fort Eustis, VA	Feb 2022	Oct 2023	1	13.094	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201MH60 / MH-60 BLACKHAWK **Item Number / Title [DODIC]:** 1 / MH-60 BLACKHAWK

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2019												Fiscal Year 2020												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019												Calendar Year 2020												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
B Kits																															
✓	1	2017	SOCOM	1	0	1	-	-	-	-	-	-	-	-	-	1													0		
✓	1	2019	SOCOM	1	0	1																							1		
✓	1	2020	SOCOM	1	0	1																							1		
	1	2022	SOCOM	1	0	1																							1		

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201MH60 / MH-60 BLACKHAWK	Item Number / Title [DODIC]: 1 / MH-60 BLACKHAWK
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021													Fiscal Year 2022													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021													Calendar Year 2022													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
B Kits																																	
✓	1	2017	SOCOM	1	1	0																							0				
✓	1	2019	SOCOM	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	1											0			
✓	1	2020	SOCOM	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1				
	1	2022	SOCOM	1	0	1																						1					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201MH60 / MH-60 BLACKHAWK **Item Number / Title [DODIC]:** 1 / MH-60 BLACKHAWK

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
B Kits																															
✓	1	2017	SOCOM	1	1	0																							0		
✓	1	2019	SOCOM	1	1	0																							0		
✓	1	2020	SOCOM	1	0	1		1																					0		
	1	2022	SOCOM	1	0	1		-	-	-	-	-	-	-	-	-	-	-	1										0		
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201MH60 / MH-60 BLACKHAWK	Item Number / Title [DODIC]: 1 / MH-60 BLACKHAWK
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2022	1-8-5 For 2022	MAX For 2022	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Lockheed Martin - Lexington, KY	1	1	1	-	4	15	19	-	-	-	-

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201MH60 / MH-60 BLACKHAWK **Aggregated Modification Items Title:** Modifications Prior Years

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Modifications Prior Years																				
Modifications Prior Years			-	-	997.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Modifications Prior Years			-	-	997.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	997.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
Modifications Prior Years		
Modifications Prior Years	MH-60 Blackhawk	Various

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,209.040	177.483	211.041	202.278	-	202.278	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,209.040	177.483	211.041	202.278	-	202.278	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,209.040	177.483	211.041	202.278	-	202.278	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	96.330	10.325	10.990	11.113	-	11.113	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 Line Item provides ongoing reliability, maintainability, spares, equipment, weapons, and Aircraft Survivability Equipment (ASE) upgrades for fielded rotary wing aircraft and subsystems. These include: A/MH-6 Low Cost Modifications (LCM), A/MH-6 Block Upgrades, MH-47 Block Upgrades, MH-47 LCM, MH-60 LCM, Improved Rotary Wing Electro-Optical Sensor (IRES), formerly known as Next Generation Forward Looking Infrared (NGFLR), Secure Real Time Video (SRTV), Simulator Block Upgrades (SBUD), Commercial Spares, ASE, Special Operations Forces (SOF) Common Terrain Following/Terrain Avoidance (TF/TA), best known as Silent Knight Radar (SKR) or AN/APQ-187, Mission Processor Upgrades (MPU), MH-60M Block Upgrades, and Degraded Visual Environment (DVE) Pilotage System. SOF provides organic aviation support for worldwide contingency operations and low-intensity conflicts. The specialized aircraft for these missions must be capable of worldwide rapid deployment, undetected penetration of hostile areas, and operations in contested or anti-access/area denial (A2/AD) environments. These aircraft must also be capable of operating at extended ranges under adverse weather conditions to infiltrate, provide logistics for, reinforce, and extract SOF. These capabilities will be pursued via rapid fielding techniques when appropriate.

The FY 2022 funding request was reduced by \$11.041 million to account for the availability of prior year execution balances.

FY 2022 Fiscal Balancing: -\$5.155 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.

- \$0.500 million - A/MH-6M Low Cost Modifications.
- \$0.500 million - MH-47 Low Cost Modifications.
- \$0.500 million - MH-60 Low Cost Modifications.
- \$0.655 million - Simulator Block Upgrades.
- \$3.000 million - Infrared Electro-Optical Sensor.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
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Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Rotary Wing Upgrades and Sustainment				- / 2,190.394	- / 25.395	- / 24.417	- / 23.531	- / -	- / 23.531
P-3a	7 / Improved Rotary Wing Electro-Optical Sensor (IRES) (Added Capability)				- / 0.634	- / 5.948	- / 13.707	- / 17.874	- / -	- / 17.874
P-3a	8 / Degraded Visual Environment (DVE) Pilotage System (Added Capability)				- / 21.192	- / 8.590	- / 17.731	- / 10.547	- / -	- / 10.547
P-3a	9 / MH-47G/MH-60M SOF Common Terrain Following/Terrain Avoidance (TF/TA) (Silent Knight) Radar (Added Capability)				- / 234.688	- / 40.704	- / 41.657	- / 42.462	- / -	- / 42.462
P-3a	10 / Mission Processor Upgrades (MPU) (Added Capability)				- / 148.656	- / 24.173	- / 31.829	- / 38.779	- / -	- / 38.779
P-3a	11 / Aircraft Survivability Equipment (Survivability)				- / 544.918	- / 31.661	- / 43.127	- / 33.413	- / -	- / 33.413
P-3a	12 / MH-60 Block Upgrades (Added Capability)				- / 33.175	- / 8.088	- / 9.448	- / 8.009	- / -	- / 8.009
P-3a	13 / A/MH-6 Block Upgrades (Added Capability)				- / 35.383	- / 32.924	- / 29.125	- / 27.663	- / -	- / 27.663
P-40	Total Gross/Weapon System Cost				- / 3,209.040	- / 177.483	- / 211.041	- / 202.278	- / -	- / 202.278

Exhibits Schedule					FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Rotary Wing Upgrades and Sustainment				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	7 / Improved Rotary Wing Electro-Optical Sensor (IRES) (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	8 / Degraded Visual Environment (DVE) Pilotage System (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	9 / MH-47G/MH-60M SOF Common Terrain Following/Terrain Avoidance (TF/TA) (Silent Knight) Radar (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	10 / Mission Processor Upgrades (MPU) (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	11 / Aircraft Survivability Equipment (Survivability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	12 / MH-60 Block Upgrades (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	13 / A/MH-6 Block Upgrades (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / -	- / -	- / -	- / -	- / -	- / -

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.
 Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 1. The A/MH-6M LCM include modifications to the A/MH-6 Mission Enhanced Little Bird (MELB), application of Commercial Engine Bulletins and Federal Aviation Administration Airworthiness directives, SOF-peculiar Engineering Change Proposals (ECP), spares, and minor modifications to SOF-peculiar equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission critical capabilities.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
Line Item MDAP/MAIS Code: 0000		
<p>FY 2022 Fiscal Balancing -\$0.500 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces A/MH-6M LCM Engineering Change Proposal (ECP) funding to the Mission Enhanced Little Birds (MELB).</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures various hardware and software solutions to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission critical capabilities.</p> <p>2. The MH-47 LCM include Army ECP modifications due to the unique configuration of SOF aircraft, SOF-peculiar ECPs, spares, and minor modifications to SOF-peculiar equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission critical capabilities.</p> <p>FY 2022 Fiscal Balancing -\$0.500 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces MH-47G Engineering Change Proposal (ECP) funding to the 160th (SOAR).</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures various hardware and software solutions to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission critical capabilities.</p> <p>3. The MH-60 LCM include modifications to the MH-60 in order to provide mission payload, greater range, SOF-peculiar ECPs, spares, and minor modifications to SOF-peculiar equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission critical capabilities including improvements over the enduring MH-60M fleet. This program supports modifications that are mission unique and time-sensitive.</p> <p>FY 2022 Fiscal Balancing -\$0.500 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces MH-60M Engineering Change Proposal (ECP) funding to the 160th (SOAR).</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures various hardware and software solutions to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission critical capabilities.</p> <p>4. The SBUD program procures hardware and software updates for six high fidelity special mission aircraft flight simulators for the MH-47, MH-60, AMH-6, and related peripheral training devices. The simulator updates provide aviators the ability to train in the exact same helicopter configuration that the unit has on the flight line, ensuring no negative habits develop through training. SBUD ensures realistic full-spectrum training and mission rehearsal capabilities that reduce risk for complex mission sets; reduce overall cost; create positive training habits; and safely recreates the stresses of live training. These training devices have the highest utilization rate across the Army Aviation enterprise, ensuring the 160th Special Operations Aviation Regiment (Airborne) (160th SOAR) meets their aviator throughput requirement by maximizing resources required to attain aircraft and mission critical capabilities proficiency.</p> <p>FY 2022 Fiscal Balancing -\$0.655 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces simulators trailing platform modifications.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Continues to procure software and hardware modifications for the high fidelity special mission aircraft flight simulators and associated production support. Continues modifications and concurrency upgrades for the MH-47 configurations and continues concurrency updates for MH-60 configurations.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
Line Item MDAP/MAIS Code: 0000		
<p>5. Commercial Spares provides replenishment and sparing of SOF-peculiar mission equipment components for Army Special Operations Aviation (ARSOA) spare parts greater than the \$250,000 Operation & Maintenance (O&M) individual item purchase threshold. Provides for in-service replacement of items damaged beyond economical repair.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures commercial spare parts.</p> <p>6. The SRTV program provides full motion video from ground or air assets to enable real-time threat assessment and to maximize effectiveness and survivability. SRTV will increase mission success and crew/platform survivability by confirming or denying that the assault plan is viable and that the offensive maneuver force is sufficient to overwhelm the enemy.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures system support to optimize SRTV system configuration. Candidate areas include a smaller, lighter weight SRTV processor suitable for use on the A/MH-6, display applications providing flexibility to the aircrew, and transceivers compatible with evolving video formats.</p> <p>7. The IRES program, formerly known as NGFLR, procures new and increased sensor capabilities that are necessary due to obsolescence and the underperformance of sensor systems currently supporting air to ground tactics, techniques, and procedures. The improved sensor capability will have better image quality and pointing accuracy, increased spectrum, and will be lighter weight to mitigate capability gaps in currently employed sensor systems on A/MH-6, MH-60M, and MH-47G platforms. This capability will provide increased situational awareness primarily through improved target identification and target location accuracy at extended ranges.</p> <p>FY 2022 Fiscal Balancing -\$3.000 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces the procurement of B-kits and reprioritizes platform fielding.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 15 A Kits and 18 B Kits and provides for integrated logistics and program support.</p> <p>8. The Degraded Visual Environment (DVE) Pilotage System solution will fuse information from aircraft sensors and digital terrain elevation data to display real-time reference points, obstacles, and landing zone information to the aviator. The DVE solution will provide MH-47 and MH-60 aircrews with visual cues for obstacle avoidance and aircraft control during all phases of flight and significantly increase crew and passenger survivability in DVE. The AAQ-250 Brownout Camera (a sub-component of the DVE Pilotage System) is being procured and fielded as an interim capability to provide the user with enhanced situational awareness ahead of the full DVE system. Procured Brownout Cameras will be provided as Government Furnished Equipment (GFE) to the vendor once production begins on DVE Pilotage Systems.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 6 A-Kits, 6 DVE Pilotage System B-Kits, and production support.</p> <p>9. The SKR program procures a SOF Common TF/TA SKR, spares, and ECPs. SKR provides a low-probability of intercept/low probability of detection radar to defeat advanced passive detection threats while maintaining the ability to fly safe TF. This radar is targeted for use on all MH-47G Chinook heavy assault helicopters and MH-60M medium assault helicopters. Radars for CV-22 Tilt-Rotor aircraft and MC-130J aircraft are reported by the Fixed Wing Program of Record. This radar provides mission essential capabilities while addressing obsolescence issues associated with today's legacy radar systems: AN/APQ-174B and AN/APQ-186.</p> <p>The SKR program office awarded a 3-year contract in FY 2021 which stabilized the procurement price of the radar. This budget request includes updated unit cost and quantities made possible by the use of a FY 2021 through FY 2023 Multi Year Procurement (MYP) contract. This MYP accounts for SKR purchases for the MH-47, MH-60, CV-22 and MC-130J aircraft. CV-22 and AC/MC-130J quantities and budget request are included in the CV-22 modification and AC/MC-130J exhibits.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures A Kits, 15 SKR B Kits, and 3 initial spares.</p> <p>10. The MPU replaces the current Mission Processor (to include the Multi-Function Displays and Control Display Units) within all ARSOA aircraft. This upgrade increases software processor performance margins and enables the Operational Flight Program (OFP) to accommodate planned future updates, which include: Federal Aviation Agency Global Air Traffic Management (GATM), and Tactical Mission</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
Line Item MDAP/MAIS Code: 0000		
<p>Networking (TMN), formerly known as Airborne Mission Network (AbMN). This program also includes upgrades to the Common Avionics Architecture System (CAAS) (MH-60/MH-47) and the Aviation Management System (AMS) (A/MH-6), which are the software backbone to the OFPs, and upgrades the current embedded Global Positioning System (GPS)/Inertial Navigation System with an all-in-view GPS card in accordance with Global Area Navigation System/GATM requirements. TMN will install ground force compatible radios to digitally exchange tactical information among participating forces culminating in an accurate, composite, and correlated picture of the entire battle space. TMN provides ARSOA airborne platforms and on-board supported forces digital connectivity with ground elements and other airborne assets to include a Common Operational Picture (COP) of hostile and friendly forces.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures both AMS and CAAS software updates; 11 Aviation Block upgrade A Kits, 39 TMN A Kits, 56 network radios, hardware and software integration, Non-Recurring Engineering MPU and TMN integration assets/support.</p> <p>11. The ASE program procures and fields critical active and passive SOF-unique ASE to counter rapidly evolving Surface-to-Air (SA) and Air-to-Air (AA) threat systems for the A/MH-6, MH-60, and MH-47. This program includes fielding of new systems and pre-planned product improvements/upgrades of fielded ASE, addresses obsolescence issues through production based engineering change proposals, and provides technical data and fielding support and testing. Beginning in FY 2017 this program included the Suite of Integrated Radio Frequency Countermeasures (SIRFC) and Infrared Countermeasures (IRCM) programs. SIRFC is a fully integrated, modular and adaptable suite of active aircraft survivability equipment that increases combat effectiveness and potential for mission accomplishment for ARSOA aircraft. SIRFC provides state-of-the-art radar warning receivers and technologically advanced radar-jamming capabilities for increased threat detection, enhanced situational awareness, and defensive countermeasures. The Infrared Countermeasures (IRCM) program provides a low Size, Weight, and Power capability suitable for the A/MH-6 MELB with potential use on the MH-60 and MH-47 aircraft. The IRCM program fields a Department of Navy lightweight IRCM system to include a missile warning system and countermeasure capability. The IRCM program will also develop, integrate, qualify, test and field an engine exhaust heat suppressor for the A/MH-6 MELB to reduce its heat signature and reduce the risk of engagement by heat seeking missiles.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures A/MH-6 IRCM 3.0 A Kits and missile warning and counter measure upgrades; SIRFC non-recurring upgrades, integration, flight, and fielding support.</p> <p>12. The MH-60M Block Upgrades program continues to modify the fleet of 72 U.S. Army SOF MH-60M aircraft. The current configuration (commonly referred to as Block 0) initiated a Block 1 modification in FY18. Block 1 upgrades include key communications, navigation, situational awareness, survivability, and safety capabilities such as Common IRCM (CIRCM), TF/TA SKR, obsolescence of weapons targeting hardware, vibration reduction of direct fire weapons systems, integration of Upturned Exhaust System (UES) II, TMN, Eagle EGI (Embedded Global Positioning System (GPS) Inertial Navigation System), and DVE. This program will result in the most relevant and combat effective ARSOA MH-60M platform, providing savings in operations and sustainment costs. The MH-60M provides the critically needed performance for high altitude, hot temperature, heavy aircraft missions commonly required to support SOF Operations and Multi-Domain Operations (MDO) against near-peer threat.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 9 Block I A-Kits and 9 Block I B-Kit Installs, systems/production engineering, and program support for MH-60M ARSOA aircraft and modifications.</p> <p>13. A/MH-6M Block Upgrades. This modification restores structural, performance, and safety margins for the aircrews while providing an acceptable level of situational awareness in the cockpit and accommodations for rapid integration of future capabilities. This project includes modifications to ASE and weapons systems to counter rapidly emerging threats, improve lethality and enhance aircraft. Installation funding is required in the fiscal year prior to aircraft induction to allow for build of installation kits.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 7 Avionics, 8 Performance, 8 Collective Trim, and 11 Integrated Airframe Shells, 5 legacy Airframe parts, integration support, and publications.</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command															Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1						P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT									Aggregated Items Title: Rotary Wing Upgrades and Sustainment				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - A/MH-6M Low Cost Modifications (LCM)																				
1.1 / A/MH-6M Low Cost Modifications (LCM)			-	-	18.121	-	-	2.745	-	-	2.784	-	-	2.342	-	-	-	-	-	2.342
Subtotal: 1 - A/MH-6M Low Cost Modifications (LCM)			-	-	18.121	-	-	2.745	-	-	2.784	-	-	2.342	-	-	-	-	-	2.342
2 - MH-47 LCM																				
2.1 / LCM			-	-	24.772	-	-	2.932	-	-	2.961	-	-	3.015	-	-	-	-	-	3.015
Subtotal: 2 - MH-47 LCM			-	-	24.772	-	-	2.932	-	-	2.961	-	-	3.015	-	-	-	-	-	3.015
3 - MH-60 LCM																				
3.1 / LCM			-	-	16.849	-	-	4.569	-	-	5.418	-	-	4.984	-	-	-	-	-	4.984
Subtotal: 3 - MH-60 LCM			-	-	16.849	-	-	4.569	-	-	5.418	-	-	4.984	-	-	-	-	-	4.984
4 - Simulator Block (SBUD) Upgrades																				
4.1 / Updates			-	-	56.030	-	-	9.400	-	-	7.494	-	-	7.312	-	-	-	-	-	7.312
4.2 / Production Support			-	-	8.602	-	-	1.477	-	-	1.507	-	-	1.538	-	-	-	-	-	1.538
Subtotal: 4 - Simulator Block (SBUD) Upgrades			-	-	64.632	-	-	10.877	-	-	9.001	-	-	8.850	-	-	-	-	-	8.850
5 - Commercial Spares																				
5.1 / Commercial Spares			-	-	11.200	-	-	1.471	-	-	1.396	-	-	1.424	-	-	-	-	-	1.424
Subtotal: 5 - Commercial Spares			-	-	11.200	-	-	1.471	-	-	1.396	-	-	1.424	-	-	-	-	-	1.424
6 - Secure Real Time Video (SRTV)																				
6.1 / A/B Kits			-	-	9.760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2 / Production Support			-	-	5.419	-	-	2.801	-	-	2.857	-	-	2.916	-	-	-	-	-	2.916
6.3 / Non-Recurring Engineering			-	-	6.247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6 - Secure Real Time Video (SRTV)			-	-	21.426	-	-	2.801	-	-	2.857	-	-	2.916	-	-	-	-	-	2.916
Prior Years Funding																				
Prior Years - Overseas Contingency Operations (OCO)			-	-	11.350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prior Years - Baseline			-	-	2,022.044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Prior Years Funding			-	-	2,033.394	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	2,190.394	-	-	25.395	-	-	24.417	-	-	23.531	-	-	-	-	-	23.531

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 7 / Improved Rotary Wing Electro-Optical Sensor (IRES)

ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:				
Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.634	5.948	13.707	17.874	-	17.874
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	0.634	5.948	13.707	17.874	-	17.874
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.634	5.948	13.707	17.874	-	17.874
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

The Improved Rotary Wing Electro-Optical Sensor (IRES) program, formerly known as Next Generation Forward Looking Infrared (NGFLR), is a commercial off the shelf (COTS)/non-developmental lighter-weight Electro-Optical Sensor System (EOSS) needed to reduce aircraft nose weight and mitigate obsolescence of the currently fielded Q2 and Q3 FLIR systems on the MH-47, MH-60, and A/MH-6 aircraft. Both assault and attack turreted systems will include multi-spectrum infrared (IR), day TV, laser spot tracker, laser range finder, and laser illuminator with the ability to fuse camera images. The attack turrets will also include a laser designator for targeting capabilities.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT		Modification Number / Title: 7 / Improved Rotary Wing Electro-Optical Sensor (IRES)	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:		
Models of Systems Affected: MH-47G/MH-60M/MH-6			Modification Type: Added Capability		Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #						
1160403BB	- / 5.865	- / -	- / 3.469	- / -	- / -	- / -
Procurement						
<i>Modification Item 1 of 1: Improved Rotary Wing Electro-Optical Sensor (IRES)</i>						
A Kits						
Recurring						
A Kits	- / 0.634	9 / 0.900	21 / 2.625	15 / 1.740	- / -	15 / 1.740
<i>Subtotal: Recurring</i>	- / 0.634	9 / 0.900	21 / 2.625	15 / 1.740	- / -	15 / 1.740
Non-Recurring						
Nonrecurring Engineering and Integration	- / -	- / 0.449	- / -	- / -	- / -	- / -
<i>Subtotal: Non-Recurring</i>	- / -	- / 0.449	- / -	- / -	- / -	- / -
B Kits						
Recurring						
Install Kits	- / -	5 / 4.080	21 / 9.255	18 / 13.537	- / -	18 / 13.537
Integrated Logistical Support	- / -	- / -	- / 1.827	- / -	- / -	- / -
<i>Subtotal: Recurring</i>	- / -	5 / 4.080	21 / 11.082	18 / 13.537	- / -	18 / 13.537
Non-Recurring						
Avionics Integration	- / -	- / 0.450	- / -	- / -	- / -	- / -
<i>Subtotal: Non-Recurring</i>	- / -	- / 0.450	- / -	- / -	- / -	- / -
<i>Subtotal: Improved Rotary Wing Electro-Optical Sensor (IRES)</i>	- / 0.634	14 / 5.879	42 / 13.707	33 / 15.277	- / -	33 / 15.277
<i>Subtotal: Procurement, All Modification Items</i>	- / 0.634	- / 5.879	- / 13.707	- / 15.277	- / -	- / 15.277
Support (All Modification Items)						
Program Support	- / -	- / 0.069	- / -	- / 0.694	- / -	- / 0.694
Integrated Logistical Support	- / -	- / -	- / -	- / 1.903	- / -	- / 1.903
<i>Subtotal: Support</i>	- / -	- / 0.069	- / -	- / 2.597	- / -	- / 2.597
Installation						
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -
Total						
Total Cost (Procurement + Support + Installation)	0.634	5.948	13.707	17.874	-	17.874

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 7 / Improved Rotary Wing Electro-Optical Sensor (IRES)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: Improved Rotary Wing Electro-Optical Sensor (IRES)			
Manufacturer Information			
Manufacturer Name: TBD		Manufacturer Location: TBD	
Administrative Leadtime (in Months):		Production Leadtime (in Months): 9	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates		May 2021	Dec 2022
Delivery Dates		Sep 2022	Sep 2023
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 192	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 8 / Degraded Visual Environment (DVE) Pilotage System

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	21.192	8.590	17.731	10.547	-	10.547
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	21.192	8.590	17.731	10.547	-	10.547
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	21.192	8.590	17.731	10.547	-	10.547

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

The Degraded Visual Environment Pilotage System (DVEPS) solution will fuse information from aircraft sensors and digital terrain elevation data to display real-time reference points, obstacles, and landing zone information to the aviator. The DVEPS program includes development and procurement efforts to fuse multiple sensors via a common mission processor to create a one world model that serves as central node for multi-application capability with potential growth in the areas of situational awareness, safety, lethality, survivability and cross platform synergy. The DVE solution will provide MH-47 and MH-60 aircrews with visual cues for obstacle avoidance and aircraft control during all phases of flight and significantly increase crew and passenger survivability in DVE. The AAQ-250 Brownout Camera (a sub-component of the DVE Pilotage System) is an interim capability to provide the user with enhanced situational awareness ahead of the full DVE system. Procured Brownout Cameras will be provided as Government Furnished Equipment (GFE) to the vendor once production begins on DVE Pilotage Systems.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT		Modification Number / Title: 8 / Degraded Visual Environment (DVE) Pilotage System	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:		
Models of Systems Affected: MH-47G/MH-60M		Modification Type: Added Capability		Related RDT&E PEs: 1160403BB		
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
<i>Modification Item 1 of 1:</i> Degraded Visual Environment ⁽¹⁾						
A Kits						
Recurring						
Q-250 A-Kit (Camera)	96 / 5.305	- / -	- / -	- / -	- / -	- / -
DVE Pilotage System A-Kit ⁽²⁾	- / -	13 ⁽³⁾ / 6.305	13 / 2.415	6 / 3.363	- / -	6 / 3.363
<i>Subtotal: Recurring</i>	96 / 5.305	13 / 6.305	13 / 2.415	6 / 3.363	- / -	6 / 3.363
B Kits						
Recurring						
Q-250 B-Kit (Camera)	90 / 12.844	- / -	- / -	- / -	- / -	- / -
DVE Pilotage System B-Kit	- / -	- / -	11 / 14.020	6 / 6.380	- / -	6 / 6.380
Repairs	- / -	- / 0.541	- / -	- / -	- / -	- / -
<i>Subtotal: Recurring</i>	90 / 12.844	- / 0.541	11 / 14.020	6 / 6.380	- / -	6 / 6.380
Non-Recurring						
Avionics Integration	- / -	1 / 1.306	- / -	- / -	- / -	- / -
<i>Subtotal: Non-Recurring</i>	- / -	1 / 1.306	- / -	- / -	- / -	- / -
<i>Subtotal: Degraded Visual Environment</i>	- / 18.149	- / 8.152	- / 16.435	- / 9.743	- / -	- / 9.743
<i>Subtotal: Procurement, All Modification Items</i>	- / 18.149	- / 8.152	- / 16.435	- / 9.743	- / -	- / 9.743
Support (All Modification Items)						
Production Support	- / 3.043	- / 0.438	- / 1.296	- / 0.804	- / -	- / 0.804
<i>Subtotal: Support</i>	- / 3.043	- / 0.438	- / 1.296	- / 0.804	- / -	- / 0.804
Installation						
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -
Total						
Total Cost (Procurement + Support + Installation)	21.192	8.590	17.731	10.547	-	10.547

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
		Modification Number / Title: 8 / Degraded Visual Environment (DVE) Pilotage System	
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: Degraded Visual Environment			
Manufacturer Information			
Manufacturer Name: Sierra Nevada Corporation		Manufacturer Location: NV	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 12	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Jan 2020	Feb 2021	Feb 2022
Delivery Dates	Jun 2021	Feb 2022	Feb 2023
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 141	
<p>Footnotes:</p> <p>(1) FY 2018 and prior B Kit funding procured Brownout Cameras as an interim capability. The B Kit budget for FY 2020 and beyond fields a two sensor system, having a higher B Kit unit cost.</p> <p>(2) DVE Pilotage System A-Kit costs include installation of kits procured in the previous fiscal year.</p> <p>(3) Unit costs in FY20 and FY21 vary due to MFP-2 funding a portion of the Kits.</p>			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 9 / MH-47G/MH-60M SOF Common Terrain Following/Terrain Avoidance (TF/TA) (Silent Knight) Radar

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	234.688	40.704	41.657	42.462	-	42.462
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	234.688	40.704	41.657	42.462	-	42.462
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	234.688	40.704	41.657	42.462	-	42.462

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	44.942	8.854	9.594	6.651	-	6.651
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

This program procures a Special Operations Forces (SOF) Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR), spares, and Engineering Change Proposals (ECPs). SKR provides a low probability of intercept/low probability of detection radar to defeat advanced passive detection threats while maintaining the ability to fly safe TF. This radar is targeted for use on all MH-47G Chinook heavy assault helicopters and MH-60M medium assault helicopters. Radars for CV-22 Tilt-Rotor aircraft and MC-130J aircraft are reported by the Fixed Wing Program of Record. This radar provides mission essential capabilities while addressing obsolescence issues associated with today's legacy radar systems: the AN/APQ-174B and AN/APQ-186.

The SKR program office awarded a 3-year contract in FY 2021 which stabilized the procurement price of the radar. This budget request includes updated unit cost and quantities made possible by the use of a FY 2021 through FY 2023 Multi Year Procurement (MYP) contract. This MYP accounts for SKR purchases for the MH-47, MH-60, CV-22 and MC-130J aircraft. CV-22 and AC/MC-130J quantities and budget request are included in the CV-22 modification and AC/MC-130J exhibits.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 9 / MH-47G/MH-60M SOF Common Terrain Following/Terrain Avoidance (TF/TA) (Silent Knight) Radar

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Models of Systems Affected: MH-47G/MH-60M/MC-130/CV-22	Modification Type: Added Capability	Related RDT&E PEs: 1160403BB
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Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #						
1160403BB	- / 270.634	- / 15.668	- / 2.362	- / 2.095	- / -	- / 2.095

Procurement

Modification Item 1 of 1: MH-47G/MH-60M SOF Common TF/TA SKR						
A Kits						
Recurring						
AN/APQ-187	- / 3.806	- / 1.679	- / 1.720	- / 1.774	- / -	- / 1.774
Subtotal: Recurring	- / 3.806	- / 1.679	- / 1.720	- / 1.774	- / -	- / 1.774
B Kits						
Recurring						
AN/APQ-187	49 / 170.930	9 / 30.171	14 / 30.343	15 / 34.037	- / -	15 / 34.037
Initial Spares (Radars)	9 / 30.968	3 / 8.854	4 / 9.594	3 / 6.651	- / -	3 / 6.651
Initial Spares (Components)	- / 13.974	- / -	- / -	- / -	- / -	- / -
Subtotal: Recurring	58 / 215.872	12 / 39.025	18 / 39.937	18 / 40.688	- / -	18 / 40.688
Subtotal: MH-47G/MH-60M SOF Common TF/TA SKR	58 / 219.678	12 / 40.704	18 / 41.657	18 / 42.462	- / -	18 / 42.462
Subtotal: Procurement, All Modification Items	58 / 219.678	12 / 40.704	18 / 41.657	18 / 42.462	- / -	18 / 42.462

Support (All Modification Items)

Engineering Change Proposals (ECPs)/Intra Contract Support	- / 12.591	- / -	- / -	- / -	- / -	- / -
Other	- / 2.419	- / -	- / -	- / -	- / -	- / -
Subtotal: Support	- / 15.010	- / -	- / -	- / -	- / -	- / -

Installation

Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -
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Total						
Total Cost (Procurement + Support + Installation)	234.688	40.704	41.657	42.462	-	42.462

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
		Modification Number / Title: 9 / MH-47G/MH-60M SOF Common Terrain Following/Terrain Avoidance (TF/TA) (Silent Knight) Radar	
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: MH-47G/MH-60M SOF Common TF/TA SKR			
Manufacturer Information			
Manufacturer Name: Raytheon		Manufacturer Location: Forest, MS	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 20	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Nov 2019	Nov 2020	Nov 2021
Delivery Dates	Mar 2021	Jul 2022	Jul 2023
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 141	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 10 / Mission Processor Upgrades (MPU)

ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:				
Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	148.656	24.173	31.829	38.779	-	38.779
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	148.656	24.173	31.829	38.779	-	38.779
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	148.656	24.173	31.829	38.779	-	38.779
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	1.946	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

Description:

The Mission Processor Upgrades (MPU) program provides for technology refreshment/upgrade/modernization of cockpit displays (Multi-Function Display and Control Display Units) and mission/video processors for all Army Special Operations Aviation (ARSOA) aircraft. Upgrading all internal processors increases the processing power to support critical functionality and emerging technologies that will be integrated into the Common Avionics Architecture System (CAAS). This mission processor upgrade provides the processing and memory resources required to incorporate the following functions into the General Purpose Processing Unit (GPPU): Global Air Traffic Management (GATM), which replaces ground-based navigation aids with an international requirement that all aircraft be compliant with digital and space-based navigation systems; Automatic Dependent Surveillance-Broadcast (ADS-B) equipment allows Global Positioning System (GPS) equipped aircraft to transmit their location and altitude to other aircraft and air traffic control. This capability has become increasingly critical as the Federal Aviation Agency (FAA) begins shutting down many of their existing surveillance radars. Tactical (Airborne) Mission Network (TMN) (formerly known as Airborne Mission Network (AbMN)) will install ground force compatible radios to digitally exchange tactical information among participating forces, culminating in an accurate, composite, and correlated picture of the entire battlespace. It provides critical, real-time battlefield data to ground forces and aircrew while en route to the objective. TMN provides ARSOA airborne platforms and onboard supported forces digital connectivity with ground elements and other airborne assets, to include a Common Operational Picture of hostile and friendly forces.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT			Modification Number / Title: 10 / Mission Processor Upgrades (MPU)	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Models of Systems Affected: MH-47G/MH-60M/MH-6			Modification Type: Added Capability		Related RDT&E PEs: 1160403BB		
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 0.953	- / 0.140	- / 0.588	- / 1.522	- / -	- / 1.522	
Procurement							
Modification Item 1 of 5: Cockpit Display Upgrades							
B Kits							
Recurring							
A/MH-6 B Kits	51 / 0.700	- / -	- / -	- / -	- / -	- / -	
MH-60 B Kits	102 / 12.110	- / -	- / -	- / -	- / -	- / -	
Cockpit Display Retrofits	- / 2.053	- / -	- / -	- / -	- / -	- / -	
MH-47G B Kits	184 / 13.057	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	337 / 27.920	- / -	- / -	- / -	- / -	- / -	
Non-Recurring							
Mission Processor Non-Recurring Engineering	- / 4.181	- / -	- / -	- / -	- / -	- / -	
Initial Spares	- / 1.946	- / -	- / -	- / -	- / -	- / -	
Subtotal: Non-Recurring	- / 6.127	- / -	- / -	- / -	- / -	- / -	
Subtotal: Cockpit Display Upgrades	- / 34.047	- / -	- / -	- / -	- / -	- / -	
Modification Item 2 of 5: Auto-Dependent Surveillance Broadcast (ADS-B)							
B Kits							
Recurring							
ADS-B Kits	- / 1.528	210 / 0.945	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / 1.528	210 / 0.945	- / -	- / -	- / -	- / -	
Subtotal: Auto-Dependent Surveillance Broadcast (ADS-B)	- / 1.528	210 / 0.945	- / -	- / -	- / -	- / -	
Modification Item 3 of 5: Avionics Block Upgrades							
A Kits							
Recurring							
A-Kits	- / 4.898	- / -	- / -	11 / 1.158	- / -	11 / 1.158	
Subtotal: Recurring	- / 4.898	- / -	- / -	11 / 1.158	- / -	11 / 1.158	
Non-Recurring							
A-Kits	- / 1.207	- / -	- / -	- / -	- / -	- / -	
Subtotal: Non-Recurring	- / 1.207	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT		Modification Number / Title: 10 / Mission Processor Upgrades (MPU)	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:		
Models of Systems Affected: MH-47G/MH-60M/MH-6			Modification Type: Added Capability		Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
B Kits						
Recurring						
GATM Software	- / 8.805	- / -	- / -	- / -	- / -	- / -
Prior Years (CDAS Software)	- / 1.645	- / -	- / -	- / -	- / -	- / -
CAAS Software	- / 22.783	- / 2.358	- / 8.540	- / 3.878	- / -	- / 3.878
Aviation Management System (AMS) Software	- / -	- / -	- / 2.421	- / 0.750	- / -	- / 0.750
Subtotal: Recurring	- / 33.233	- / 2.358	- / 10.961	- / 4.628	- / -	- / 4.628
Non-Recurring						
CAAS Block Upgrade Non-Recurring Engineering	- / 3.530	- / 1.220	- / -	- / 3.400	- / -	- / 3.400
Navigation Database (Nav DB) Compiler	- / 0.743	- / -	- / -	- / -	- / -	- / -
Embedded Global Positioning System (GPS)/Inertial Navigation System (INS) (EGI) Integration	- / 0.779	- / -	- / -	- / -	- / -	- / -
Subtotal: Non-Recurring	- / 5.052	- / 1.220	- / -	- / 3.400	- / -	- / 3.400
Subtotal: Avionics Block Upgrades	- / 44.390	- / 3.578	- / 10.961	- / 9.186	- / -	- / 9.186
Modification Item 4 of 5: General Purpose Processor Unit (GPPU)						
B Kits						
Recurring						
Prior Year Recurring	- / 20.257	- / -	- / -	- / -	- / -	- / -
Subtotal: Recurring	- / 20.257	- / -	- / -	- / -	- / -	- / -
Non-Recurring						
Prior Year Non-Recurring	- / 7.900	- / -	- / -	- / -	- / -	- / -
Subtotal: Non-Recurring	- / 7.900	- / -	- / -	- / -	- / -	- / -
Subtotal: General Purpose Processor Unit (GPPU)	- / 28.157	- / -	- / -	- / -	- / -	- / -
Modification Item 5 of 5: Tactical (Airborne) Mission Networking (TMN)						
A Kits						
Recurring						
A Kits	105 / 17.516	14 / 2.535	- / 10.870	39 / 12.275	- / -	39 / 12.275
Subtotal: Recurring	105 / 17.516	14 / 2.535	- / 10.870	39 / 12.275	- / -	39 / 12.275
Non-Recurring						
Hardware Integration	- / 1.227	- / -	- / 0.552	- / 7.354	- / -	- / 7.354
Subtotal: Non-Recurring	- / 1.227	- / -	- / 0.552	- / 7.354	- / -	- / 7.354

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 10 / Mission Processor Upgrades (MPU)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Models of Systems Affected: MH-47G/MH-60M/MH-6	Modification Type: Added Capability	Related RDT&E PEs: 1160403BB
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Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
B Kits						
Recurring						
B Kits	30 / 6.761	- / 2.310	- / 1.925	- / -	- / -	- / -
PRC-167 (integration units), Spares, MSN Modules, NGPA, Ancillaries	- / -	- / -	- / -	21 / 3.038	- / -	21 / 3.038
PRC-160	- / -	- / -	- / -	21 / 0.814	- / -	21 / 0.814
PRC-161	- / -	- / -	- / -	4 / 0.040	- / -	4 / 0.040
Multi-Band Network Radios	14 / 3.313	6 / 2.615	17 / 5.487	10 / 5.352	- / -	10 / 5.352
Subtotal: Recurring	44 / 10.074	6 / 4.925	17 / 7.412	56 / 9.244	- / -	56 / 9.244
Non-Recurring						
Software Integration	- / 2.983	- / 1.496	- / 0.500	- / -	- / -	- / -
Non-Recurring Engineering	- / 5.297	- / 9.980	- / 0.200	- / 0.720	- / -	- / 0.720
Subtotal: Non-Recurring	- / 8.280	- / 11.476	- / 0.700	- / 0.720	- / -	- / 0.720
Subtotal: Tactical (Airborne) Mission Networking (TMN)	149 / 37.097	20 / 18.936⁽⁴⁾	17 / 19.534	95 / 29.593	- / -	95 / 29.593
Subtotal: Procurement, All Modification Items	- / 145.219	- / 23.459	- / 30.495	- / 38.779	- / -	- / 38.779
Support (All Modification Items)						
MPU Integration Assets/Support	- / 1.496	- / 0.414	- / 0.554	- / -	- / -	- / -
TMN Integration Assets/Support	- / 1.941	- / 0.300	- / 0.780	- / -	- / -	- / -
Subtotal: Support	- / 3.437	- / 0.714	- / 1.334	- / -	- / -	- / -
Installation						
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -
Total						
Total Cost (Procurement + Support + Installation)	148.656	24.173	31.829	38.779	-	38.779

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 10 / Mission Processor Upgrades (MPU)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 5: Cockpit Display Upgrades			
Manufacturer Information			
Manufacturer Name: Various		Manufacturer Location: Various	
Administrative Leadtime (in Months):		Production Leadtime (in Months):	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates			
Delivery Dates			
Installation Information			
Method of Implementation (Organic): Depot Installation		Installation Quantity: 192	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 10 / Mission Processor Upgrades (MPU)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 2 of 5: Auto-Dependent Surveillance Broadcast (ADS-B)			
Manufacturer Information			
Manufacturer Name: Rockwell Collins		Manufacturer Location: Cedar Rapids, IA	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 9	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Dec 2020		
Delivery Dates	Sep 2021		
Installation Information			
Method of Implementation (Organic): Depot Installation		Installation Quantity: 192	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 10 / Mission Processor Upgrades (MPU)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 3 of 5: Avionics Block Upgrades			
Manufacturer Information			
Manufacturer Name: Rockwell Collins		Manufacturer Location: Cedar Rapids, IA	
Administrative Leadtime (<i>in Months</i>): 0		Production Leadtime (<i>in Months</i>): 12	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Apr 2020	Apr 2021	Apr 2022
Delivery Dates	Apr 2021	Apr 2022	Apr 2023
Installation Information			
Method of Implementation (Organic): Depot Installation		Installation Quantity: 141	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 10 / Mission Processor Upgrades (MPU)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 4 of 5: General Purpose Processor Unit (GPPU)			
Manufacturer Information			
Manufacturer Name: Rockwell Collins		Manufacturer Location: Cedar Rapids, IA	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 0	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates			
Delivery Dates			
Installation Information			
Method of Implementation (Organic): Depot Installation		Installation Quantity: 0	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 10 / Mission Processor Upgrades (MPU)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 5 of 5: Tactical (Airborne) Mission Networking (TMN)			
Manufacturer Information			
Manufacturer Name: Various		Manufacturer Location: Various	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 12	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Jun 2020	Jun 2021	Jun 2022
Delivery Dates	Jun 2021	Jun 2022	Jun 2023
Installation Information			
Method of Implementation (Organic): Depot Installation/Contractor		Installation Quantity: 141	
<p>Footnotes:</p> <p>⁽⁴⁾ Increase in TMN funding from FY20 to FY21 is due to Non Recurring Equipment (NRE) procurement for Next Generation Tactical Communications (NGTC).</p>			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 11 / Aircraft Survivability Equipment

ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:				
Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	544.918	31.661	43.127	33.413	-	33.413
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	544.918	31.661	43.127	33.413	-	33.413
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	544.918	31.661	43.127	33.413	-	33.413
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

Special Operations Forces (SOF) provide organic aviation support for world-wide contingency operations and low-intensity conflicts. The specialized aircraft for these missions must be capable of world-wide rapid deployment, undetected penetration of hostile areas, and operations in contested or anti-access/area denial (A2/AD) environments. The Aircraft Survivability Equipment (ASE) program procures and fields critical active and passive SOF-unique aircraft survivability equipment to counter rapidly evolving Surface-to-Air (SA) and Air-to-Air (AA) threat systems for the A/MH-6, MH-60, and MH-47. These SA threat systems are evolving at an unprecedented rate, requiring rapid procurement of mission equipment that will reduce the probability of engagement and increase the probability of detecting and countering threat systems. This program includes fielding of new systems and pre-planned product improvements (P3I)/upgrades of fielded aircraft survivability equipment, addresses obsolescence issues through production based engineering change proposals, and provides technical data and fielding support and testing. P3I upgrades may include expansion of frequency ranges on existing systems, modernization of legacy components, and potential "collaborative off-boarding/on-boarding" detect/countermeasures capabilities to provide expanded coverage for aircrews in high-threat environments.

The Infrared Countermeasures (IRCM) program provides a new lightweight, mission-configurable Missile Warning System (MWS), IRCM capability and exhaust suppressor at a weight suitable for the A/MH-6 Mission Enhanced Little Bird (MELB). In addition to meeting the A/MH-6 MELB's weight/size restrictions, the lightweight MWS may potentially be used on MH-60 and MH-47 aircraft to provide for the increased payload capacity demanded by the user. Army Special Operations Aviation (ARSOA) requires the addition of IRCM to protect against increasingly proliferated and sophisticated Man-Portable Air-Defense Weapons.

The Suite of Integrated Radio Frequency Countermeasures (SIRFC) is the current generation of Radio Frequency (RF) detection and countermeasures for ARSOA MH-47 and MH-60 aircraft. SIRFC passively detects and actively counters radar-guided missile and anti-aircraft artillery systems. SIRFC is a critical component of deep, clandestine penetration capabilities, as the state-of-the-art Radar Warning Receiver (RWR) provides enhanced situational awareness and the advanced radar-jamming components provide the defensive capabilities required to defeat RF threats. Jammers consist of both Line Replaceable Unit (LRU)-2 High Power Remote Transmitter, and LRU-3 Electronic countermeasures. Digital RF Memory, Fast Acquisition Receiver, and pre-planned product improvements provide state-of-the-art capability against advanced RF threats. Direction Finding/Intermediate Frequency & Swept Receiver upgrades ensure Silent Knight Radar compatibility. This P-3A reflects updated negotiated prices, new contract terms allowing individual LRU purchases, and Economic Order Quantity procurements.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 11 / Aircraft Survivability Equipment

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
Models of Systems Affected: MH-47G/MH-60M/ CV-22	Modification Type: Survivability
Related RDT&E PEs: 1160403BB	

Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #						
1160403BB	- / 16.069	- / 11.794	- / 15.613	- / 22.705	- / -	- / 22.705

Procurement

Modification Item 1 of 2: ASE IRCM						
A Kits						
Recurring						
A/MH-6 A Kits 2.2 (Missile Warning and Countermeasures)	- / 2.943	- / 1.155	- / -	- / -	- / -	- / -
A/MH-6 A Kits 3.0 (Missile Warning and Countermeasures)	- / -	- / -	- / 1.354	- / 1.381	- / -	- / 1.381
Subtotal: Recurring	- / 2.943	- / 1.155	- / 1.354	- / 1.381	- / -	- / 1.381
B Kits						
Recurring						
A/MH-6 B Kits (Missile Warning and Countermeasures)	- / 15.573	- / 8.563	- / -	- / -	- / -	- / -
Subtotal: Recurring	- / 15.573	- / 8.563	- / -	- / -	- / -	- / -
Non-Recurring						
Missile Warning and Countermeasures Upgrades	- / -	- / -	- / 7.383	- / 0.587	- / -	- / 0.587
Subtotal: Non-Recurring	- / -	- / -	- / 7.383	- / 0.587	- / -	- / 0.587
Subtotal: ASE IRCM	- / 18.516	- / 9.718	- / 8.737	- / 1.968	- / -	- / 1.968
Modification Item 2 of 2: ASE SIRFC						
B Kits						
Recurring						
Prior Years	- / 280.271	- / -	- / -	- / -	- / -	- / -
Subtotal: Recurring	- / 280.271	- / -	- / -	- / -	- / -	- / -
Non-Recurring						
LRU-1 Digital Upgrades (DRWR/DJAM)	- / 16.705	- / 0.097	- / -	- / -	- / -	- / -
LRU-1 Engineering Change Proposal (ECP) Upgrades (Dedicated Electronic Warfare Display (DEWDS))	- / 16.415	- / 14.404	- / 24.620	- / 19.693	- / -	- / 19.693
LRU-2/3/4 ECP Upgrades (includes aircraft mods)	- / -	- / -	- / 2.353	- / 5.000	- / -	- / 5.000
RF Improvements	- / -	- / -	- / 0.150	- / 0.450	- / -	- / 0.450
Subtotal: Non-Recurring	- / 63.120	- / 14.501	- / 27.123	- / 25.143	- / -	- / 25.143
Subtotal: ASE SIRFC	- / 343.391	- / 14.501	- / 27.123	- / 25.143	- / -	- / 25.143

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021		
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT			Modification Number / Title: 11 / Aircraft Survivability Equipment	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Models of Systems Affected: MH-47G/MH-60M/ CV-22		Modification Type: Survivability			Related RDT&E PEs: 1160403BB		
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Subtotal: Procurement, All Modification Items</i>							
	- / 361.907	- / 24.219	- / 35.860	- / 27.111	- / -	- / 27.111	
Support (All Modification Items)							
IRCM - Integration Support	- / 0.197	- / 0.156	- / 0.236	- / 0.235	- / -	- / 0.235	
IRCM - Integrated Logistical Support (Missile Warning System/ Countermeasures (MWS/CM))	- / 0.602	- / 3.854	- / 1.710	- / -	- / -	- / -	
IRCM - Test Support Equipment (MWS/CM)	- / 0.187	- / 0.044	- / -	- / -	- / -	- / -	
SIRFC - Qualification Flight Test Support (LRU-1 (Block 2))	- / 16.197	- / 1.062	- / 1.000	- / 0.480	- / -	- / 0.480	
SIRFC - Obsolescence/Engineering Change Proposals	- / 27.605	- / -	- / -	- / -	- / -	- / -	
SIRFC - Fielding Support	- / 16.271	- / 2.326	- / 4.321	- / 5.587	- / -	- / 5.587	
SIRFC - Prior Year Funding	- / 121.952	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Support</i>	<i>- / 183.011</i>	<i>- / 7.442</i>	<i>- / 7.267</i>	<i>- / 6.302</i>	<i>- / -</i>	<i>- / 6.302</i>	
Installation							
<i>Subtotal: Installation</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
Total							
Total Cost (Procurement + Support + Installation)	544.918	31.661	43.127	33.413	-	33.413	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 11 / Aircraft Survivability Equipment			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 2: ASE IRCM			
Manufacturer Information			
Manufacturer Name: Leonardo DRS/Daylight Solutions		Manufacturer Location: CA/FL	
Administrative Leadtime (<i>in Months</i>): 0		Production Leadtime (<i>in Months</i>): 11	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Mar 2020	Mar 2021	Mar 2022
Delivery Dates	Feb 2021	Feb 2022	Feb 2023
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 51	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 11 / Aircraft Survivability Equipment			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 2 of 2: ASE SIRFC			
Manufacturer Information			
Manufacturer Name: Harris		Manufacturer Location: Melbourne, FL	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 15	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Apr 2020	Apr 2021	Apr 2022
Delivery Dates	Jul 2021	Jul 2022	Jul 2023
Installation Information			
Method of Implementation (Organic): Various		Installation Quantity: 624	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 12 / MH-60 Block Upgrades

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	33.175	8.088	9.448	8.009	-	8.009
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	33.175	8.088	9.448	8.009	-	8.009
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	33.175	8.088	9.448	8.009	-	8.009

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

Description:

This program continues to modify the fleet of 72 U.S. Army Special Operations Forces (SOF) MH-60M aircraft. In FY17/18 select MH-60M Block 0 aircraft underwent a series of mission and flight critical Maintenance Work Order (MWO) modifications to Low Rate Initial Production (LRIP) and early production Block 0 aircraft. Starting in FY19, the MH-60M initiated a comprehensive Block 1 modification program. A complete MH-60M Block 1 aircraft configuration includes key communications, navigation, situational awareness, survivability, and safety capabilities such as: Common Infrared Countermeasures (CIRCM), Common Terrain Following/Terrain Avoidance (TF/TA), best known as Silent Knight Radar (SKR), and obsolescence of weapons targeting hardware, vibration reduction of direct fire weapons systems, integration of Upturned Exhaust System (UES) II, Tactical Mission Networking (TMN), Eagle EGI (Embedded Global Positioning System (GPS) Inertial Navigation System), and Degraded Visual Environment (DVE). The pace of technology and user requirements dictate new system configurations before OPTEMPO provides for complete fielding of Block 1. Known upgrades include Common Infrared Countermeasures, TF/TA SKR, obsolescence of weapons targeting hardware, vibration reduction of direct fire weapons systems, integration of UES System II, Tactical (Airborne) Mission Network, and future mission equipment technology insertions. This program will result in the most relevant and combat effective Army Special Operations Aviation (ARSOA) MH-60M platform, providing savings in operations and sustainment costs. The MH-60M provides the critically needed performance for high, hot, heavy missions commonly required to support Overseas Contingency Operations (OCO).

The MH-60M airframe, as currently configured, cannot meet the requirements for heavier mission systems; Block 2.0 integrates the Army-common Improved Turbine Engine (ITE) which will add lift and performance capability required for current and future operations. The Maintenance Work Order (MWO) catchup program is critical to baselining the configuration of all Block 1 aircraft before Block 2.0 production begins. A MH-60M Block 2.0 draft Capability Development Document (CDD) is currently in Draft peer threat.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021		
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT			Modification Number / Title: 12 / MH-60 Block Upgrades	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Models of Systems Affected: MH-60M		Modification Type: Added Capability			Related RDT&E PEs: 1160403BB		
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 17.627	- / 16.272	- / 13.428	- / 2.824	- / -	- / 2.824	
Procurement							
Modification Item 1 of 1: MH-60 Block Upgrades							
A Kits							
Recurring							
Block I A Kits	18 ⁽⁵⁾ / 5.400	9 / 2.671	9 / 2.670	9 / 2.804	- / -	9 / 2.804	
Pre-Block I MWO A Kits	25 / 2.377	- / -	- / -	- / -	- / -	- / -	
Systems Engineering	- / 12.926	- / 10.193	- / 10.400	- / 10.400	- / -	- / 10.400	
Program Support	- / 11.921	- / -	- / 10.480	- / 10.490	- / -	- / 10.490	
Subtotal: Recurring	43 / 12.624	9 / 2.864	9 / 3.550	9 / 3.694	- / -	9 / 3.694	
B Kits							
Recurring							
Block I install B Kits	18 ⁽⁶⁾ / 3.633	9 / 3.815	9 / 2.768	9 / 2.906	- / -	9 / 2.906	
Pre-Block I MWO B Kits	11 / 6.700	- / -	- / -	- / -	- / -	- / -	
Production Engineering	- / 14.906	- / 11.409	- / 13.130	- / 11.409	- / -	- / 11.409	
Integrated Logistics Support	- / 15.312	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	29 / 20.551	9 / 5.224	9 / 5.898	9 / 4.315	- / -	9 / 4.315	
Subtotal: MH-60 Block Upgrades	- / 133.175	- / 18.088	- / 19.448	- / 8.009	- / -	- / 8.009	
Subtotal: Procurement, All Modification Items	- / 133.175	- / 18.088	- / 19.448	- / 8.009	- / -	- / 8.009	
Installation							
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	
Total							
Total Cost (Procurement + Support + Installation)	33.175	8.088	9.448	8.009	-	8.009	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	
Modification Number / Title: 12 / MH-60 Block Upgrades			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: MH-60 Block Upgrades			
Manufacturer Information			
Manufacturer Name: Special Operations Forces Support Activity (SOFSA), Bluegrass Army Depot		Manufacturer Location: Lexington, KY	
Administrative Leadtime (in Months): 3		Production Leadtime (in Months): 15	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Jul 2020	Mar 2021	Mar 2022
Delivery Dates	Oct 2021	Oct 2022	Oct 2023
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 72	
<p>Footnotes:</p> <p>⁽⁵⁾ Reduction of Prior Year quantity and total cost due to breaking out Pre-Block I MWO purchases from full Block I A-Kits.</p> <p>⁽⁶⁾ Reduction of Prior Year quantity and total cost due to breaking out Pre-Block I MWO purchases from full Block I B-Kits.</p>			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 13 / A/MH-6 Block Upgrades

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	35.383	32.924	29.125	27.663	-	27.663	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	35.383	32.924	29.125	27.663	-	27.663	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	35.383	32.924	29.125	27.663	-	27.663	-	-	-	-	-	-
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The A/MH-6M Block 3 modification consists of three major efforts: a new fuselage, a performance enhancement kit, and a new cockpit. The fuselage and performance kit are produced by Boeing. The cockpit is comprised of hardware made by Collins Aerospace, Industrial Electronics Engineers, Avalex, L3-Harris, and software developed by Collins Aerospace. The systems integration and aircraft modification are completed by Lockheed-Martin at Special Operations Forces Support Activity (SOFSA) in Lexington, KY.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command											Date: May 2021		
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1				P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT							Modification Number / Title: 13 / A/MH-6 Block Upgrades		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: A/MH-6				Modification Type: Added Capability				Related RDT&E PEs: 1160403BB					
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #													
1160403BB	- / 86.962	- / 3.580	- / 2.783	- / 2.728	- / -	- / 2.728	- / -	- / -	- / -	- / -	- / -	- / -	
Procurement													
Modification Item 1 of 1: A/MH-6M Block Upgrades													
B Kits													
Recurring													
Avionics Kits	11 / 4.010	7 / 0.492	7 / 2.407	7 / 2.386	- / -	7 / 2.386	- / -	- / -	- / -	- / -	- / -	- / -	
Performance Kits (Rotor Blades, Flight Controls, Tail Rotor System)	10 / 10.019	12 / 9.022	9 / 6.544	8 / 5.817	- / -	8 / 5.817	- / -	- / -	- / -	- / -	- / -	- / -	
Collective Trim System	10 / 0.620	12 / 0.399	9 / 0.152	8 / 0.138	- / -	8 / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	
Integrated Airframe Shells	- / -	6 / 2.415	11 / 4.428	11 / 4.436	- / -	11 / 4.436	- / -	- / -	- / -	- / -	- / -	- / -	
Legacy Airframe Parts	- / -	8 / 1.385	4 / 0.793	5 / 0.929	- / -	5 / 0.929	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	31 / 14.649	45 / 13.713	40 / 14.324	39 / 13.706	- / -	39 / 13.706	- / -	- / -	- / -	- / -	- / -	- / -	
Non-Recurring													
Integrated Airframe Shells	- / 14.871	- / 2.949	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Avionics Management System Software	- / -	- / 7.287	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Non-Recurring	- / 14.871	- / 10.236	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: A/MH-6M Block Upgrades	- / 29.520	- / 23.949	- / 15.324	- / 13.706	- / -	- / 13.706	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Procurement, All Modification Items	- / 29.520	- / 23.949	- / 15.324	- / 13.706	- / -	- / 13.706	- / -	- / -	- / -	- / -	- / -	- / -	
Support (All Modification Items)													
Integration Support	- / 1.455	- / 0.313	- / 0.871	- / 0.723	- / -	- / 0.723	- / -	- / -	- / -	- / -	- / -	- / -	
Publications	- / 0.477	- / 0.930	- / -	- / 0.888	- / -	- / 0.888	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Support	- / 1.932	- / 1.243	- / 0.871	- / 1.611	- / -	- / 1.611	- / -	- / -	- / -	- / -	- / -	- / -	
Installation													
Modification Item 1 of 1: A/MH-6M Block Upgrades	4 / 3.931	5 / 7.732	7 / 12.930	7 / 12.346	- / -	7 / 12.346	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Installation	4 / 3.931	5 / 7.732	7 / 12.930	7⁽⁷⁾ / 12.346	- / -	7 / 12.346	- / -	- / -	- / -	- / -	- / -	- / -	
Total													
Total Cost (Procurement + Support + Installation)	35.383	32.924	29.125	27.663	-	27.663	-	-	-	-	-	-	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 13 / A/MH-6 Block Upgrades

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 1: A/MH-6M Block Upgrades

Manufacturer Information

Manufacturer Name: Boeing Helicopter	Manufacturer Location: Mesa, AZ
Administrative Leadtime (in Months): 12	Production Leadtime (in Months): 12

Dates	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Contract Dates	Apr 2020	Apr 2021	Apr 2022				
Delivery Dates	Apr 2021	Apr 2022	Apr 2023				

Installation Information

Method of Implementation: Contract

Installation Cost	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	4 / 3.931	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	5 / 7.732	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	7 / 12.930	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2022	- / -	- / -	- / -	7 / 12.346	- / -	7 / 12.346	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 3.931	5 / 7.732	7 / 12.930	7 / 12.346	- / -	7 / 12.346	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	1	3	3	-	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Out	-	-	-	-	-	-	-	-	-	1	3	3	-	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-		

Method of Implementation (Organic): TBD **Installation Quantity:** 51

Footnotes:

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	Modification Number / Title: 13 / A/MH-6 Block Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:
<p>⁽⁷⁾ Installation funding is required in the fiscal year prior to aircraft induction to allow for build of installation kits.</p>		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201UMNISR / UNMANNED ISR
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1105232BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	272.325	19.955	32.695	55.951	-	55.951	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	272.325	19.955	32.695	55.951	-	55.951	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	272.325	19.955	32.695	55.951	-	55.951	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 Line Item is part of the Military Intelligence Program (MIP). United States Special Operations Command (USSOCOM) has been designated as the DOD lead for planning, synchronizing, and as directed, executing global operations against terrorist networks and targets. 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 line item addresses the primary areas of Intelligence, Surveillance, and Reconnaissance (ISR), and Targeting capabilities for Special Operations Forces (SOF).

This line item procures various expendable Unmanned Aerial Systems (UAS) and related sensor payloads for ISR, which allows for remotely controlled system emplacement and data exfiltration. These systems are procured from an Approved Resource List in order to provide for rapid fielding of proven capability. It also funds the acquisition and support of SOF-unique mission kits, mission payloads, weaponization, and modifications of Unmanned Aerial Vehicles (UAVs), ground control stations, and training systems. As the combatant command executing operations, USSOCOM requires the capability to find, fix, finish, exploit, and analyze time-sensitive high-value targets. USSOCOM aims to standardize payload interfaces for SOF Group 1-4 UAS to accelerate the procurement and fielding of much needed capability in order to reduce the time and cost to develop, field, and sustain SOF Group 1-4 UAV future payload enhancements. This will allow users in the field to quickly change out payloads on the same platform and reduce time between sorties. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$8.207 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$8.207 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$55.951 million Base with \$4.498 million Direct War and \$6.434 million Enduring Cost in the Base Budget.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA
1: Aviation Programs

P-1 Line Item Number / Title:
0201UMNISR / UNMANNED ISR

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1105232BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Unmanned Aerial Systems (UAS)				- / 272.325	- / 19.955	- / 32.695	- / 55.951	- / -	- / 55.951
P-40	Total Gross/Weapon System Cost				- / 272.325	- / 19.955	- / 32.695	- / 55.951	- / -	- / 55.951

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. Expeditionary Organic Tactical Airborne ISR (AISR) Capability Set (EOTACS). EOTACS are a family of organic tactical group 1 and group 2 UAS systems. This program procures SOF-unique mission kits, mission payloads, air vehicle enhancements, and modifications on UAS and related ground control stations. Ancillary equipment includes payloads, recovery systems, and launchers.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 19 Group 1 Short Range/Short Endurance Vertical Take-Off and Landing (VTOL) systems, 36 Group 1 Micro VTOL systems, and ancillary equipment.

FY 2022 DIRECT WAR PROGRAM JUSTIFICATION: Procures ancillary equipment for EOTAC Platforms.

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 11 Group 1 Short Range/Short Endurance Vertical Take-Off and Landing (VTOL) systems and 4 Group 1 Micro VTOL systems

2. Group 1 UAS funding was realigned and executed under the EOTACS program beginning in FY 2020.

3. Group 2 Multi-Mission Tactical Unmanned Aerial System (MTUAS). MTUAS are Group 2 systems, between 21 pounds and 55 pounds in weight. MTUAS provides SOF with an organic ISR capability. This program procures UAS, SOF-unique mission kits, mission payloads, air vehicle enhancements, training systems, and Ground Control Stations (GCS). Ancillary equipment includes baselined versions of payloads, recovery systems, launchers, and GCS modifications.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures ancillary equipment and payloads. Begins procurement of air vehicles, ground control stations, payloads, support equipment, tools, spares, training, interim technical support, and technical data for revised user requirements.

4. Group 3 UAS are systems, between 55 pounds and 1320 pounds in weight. This program procures SOF-unique mission kits and mission payloads. Group 3 UAS provide longer flight duration and payload capacity.

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures SOF-peculiar advanced payload suites for 10 systems.

5. Group 4 UAS are large systems, greater than 1,320 pounds in weight flying less than 18,000 feet above sea level. The MQ-1 UAV line funds the acquisition and support of SOF-unique mission kits, mission payloads, weapons, and modifications on MQ-1C UAVs, GCS, and training systems as part of the Medium Altitude Long Endurance Tactical (MALET) Program. Group 4 UAS Program of Record is a transition from Air Force Research Laboratory (AFRL) Rapid Capability Insertion (RCI) formerly known as Long Endurance Aircraft (LEA) program. The LEA UAV line funds the acquisition and support of SOF-unique mission kits, mission payloads, weapons, and modifications on the LEA Family of Systems aircraft, turrets, and GCSs in support of Joint Special Operations Command (JSOC) ISR Multi-Intelligence capacity.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures SOF unique mission MQ-1 kits, payloads, persistent close air support integration.

FY 2022 DIRECT WAR PROGRAM JUSTIFICATION: Procures LEA.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201UMNISR / UNMANNED ISR
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1105232BB
Line Item MDAP/MAIS Code: N/A		

6. Special Applications for Contingencies (SAFC) procures various UAS platforms and expendable and related sensor payloads for ISR. Platforms will be used to develop/test payload systems that will increase UAS flight range and provide the user real-time access to analyzed target and battlefield data for SOF Group 1-4 UAS.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201UMNISR / UNMANNED ISR **Aggregated Items Title:** Unmanned Aerial Systems (UAS)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - Expeditionary Organic Tactical AISR Capability Set (EOTACS)																				
1.1 / Group 2 Long Range/Long Endurance (LR/LE) Fixed Wing			-	-	9.694	-	-	-	2.530	1	2.530	-	-	-	-	-	-	-	-	-
1.2 / Group 1 Short Range/Short Endurance Vertical Takeoff & Landing (VTOL)			-	-	23.837	-	-	-	0.153	19	2.905	0.156	30	4.680	-	-	-	0.156	30	4.680
1.3 / Group 1 Short Range/ Short Endurance VTOL Overseas Contingency Operations (OCO)			-	-	-	0.158	1	0.158	-	-	-	-	-	-	-	-	-	-	-	-
1.4 / Group 1 Micro VTOL			-	-	1.650	-	-	-	0.014	72	1.008	0.110	40	4.400	-	-	-	0.110	40	4.400
1.5 / Group 1 Micro VTOL (OCO)			-	-	-	0.112	16	1.799	-	-	-	-	-	-	-	-	-	-	-	-
1.6 / Group Nano VTOL			-	-	16.807	-	-	-	0.062	18	1.108	-	-	-	-	-	-	-	-	-
1.7 / Payloads			-	-	0.805	-	-	-	0.048	2	0.095	-	-	-	-	-	-	-	-	-
1.8 / Ancillary Equipment			-	-	10.905	-	-	-	-	-	1.193	-	-	3.045	-	-	-	-	-	3.045
1.9 / Prior Years Funding			-	-	4.787	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1 - Expeditionary Organic Tactical AISR Capability Set (EOTACS)			-	-	68.485	-	-	1.957	-	-	8.839	-	-	12.125	-	-	-	-	-	12.125
2 - Group 1 Unmanned Aerial Systems (UAS)																				
2.1 / Ancillary Equipment			-	-	0.410	-	-	0.665	-	-	-	-	-	-	-	-	-	-	-	-
2.3 / Group 1 VTOL SR/SE			-	-	-	0.153	15	2.300	-	-	-	-	-	-	-	-	-	-	-	-
2.4 / Group 1 Nano VTOL			-	-	-	0.116	7	0.810	-	-	-	-	-	-	-	-	-	-	-	-
2.5 / Prior Years Funding			-	-	8.603	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6 / Prior Years Funding - (OCO)			-	-	43.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2 - Group 1 Unmanned Aerial Systems (UAS)			-	-	52.156	-	-	3.775	-	-	-	-	-	-	-	-	-	-	-	-
3 - Group 2 Multi-Mission Tactical Unmanned Aerial System (MTUAS)																				
3.1 / Ancillary Equipment/Payloads			-	-	9.749	-	-	0.938	0.489	13	6.364	0.333	18	6.000	-	-	-	0.333	18	6.000

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201UMNISR / UNMANNED ISR **Aggregated Items Title:** Unmanned Aerial Systems (UAS)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.2 / Future Solution/Upgrades			-	-	-	-	-	-	-	-	8.704	3	26.112	-	-	-	8.704	3	26.112	
3.3 / Prior Years Funding			-	-	9.085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.4 / Prior Years Funding - (OCO)			-	-	55.350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 3 - Group 2 Multi-Mission Tactical Unmanned Aerial System (MTUAS)			-	-	74.184	-	-	0.938	-	-	6.364	-	-	32.112	-	-	-	-	32.112	
4 - Group 3 Unmanned Aircraft System (UAS)																				
4.1 / Advanced Payloads			-	-	-	-	-	-	-	-	0.448	10	4.477	-	-	-	0.448	10	4.477	
4.2 / Advanced Payloads - (OCO)			-	-	4.619	0.450	10	4.500	0.450	10	4.500	-	-	-	-	-	-	-	-	
Subtotal: 4 - Group 3 Unmanned Aircraft System (UAS)			-	-	4.619	-	-	4.500	-	-	4.500	-	-	4.477	-	-	-	-	4.477	
5 - Group 4 Unmanned Aircraft System (UAS)																				
5.1 / MQ-1 Special Operations Forces (SOF) Unique Mission Kits and Mission Payloads			-	-	8.301	-	-	5.490	-	-	10.867	-	-	3.809	-	-	-	-	3.809	
5.2 / SOF Unique Mission Kits and Mission Payloads - (OCO)			-	-	9.850	0.146	12	1.750	0.146	12	1.750	-	-	-	-	-	-	-	-	
5.3 / Persistent Close Air Support Integration			-	-	-	-	-	-	-	-	0.375	-	-	0.178	-	-	-	-	0.178	
5.4 / Long Endurance Aircraft (LEA)			-	-	-	-	-	-	-	-	-	-	3.250	-	-	-	-	-	3.250	
5.5 / Prior Years Funding Congressional Add			-	-	8.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5.6 / Prior Year Funding - (OCO)			-	-	37.230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 5 - Group 4 Unmanned Aircraft System (UAS)			-	-	63.681	-	-	7.240	-	-	12.992	-	-	7.237	-	-	-	-	7.237	
6 - Special Applications for Contingencies (SAFC)																				
6.1 / Scan Eagle UAS			-	-	1.374	0.460	3	1.379	-	-	-	-	-	-	-	-	-	-	-	
6.2 / Group 1 VTOL SR/SE			-	-	0.996	0.166	1	0.166	-	-	-	-	-	-	-	-	-	-	-	
6.3 / Prior Years Funding			-	-	5.369	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6.4 / Prior Years Funding - (OCO)			-	-	1.461	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201UMNISR / UNMANNED ISR **Aggregated Items Title:** Unmanned Aerial Systems (UAS)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: 6 - Special Applications for Contingencies (SAFC)</i>			-	-	9.200	-	-	1.545	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	272.325	-	-	19.955	-	-	32.695	-	-	55.951	-	-	-	-	55.951	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0207NSAV / NON-STANDARD AVIATION
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	832.451	26.664	61.874	3.282	-	3.282	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	832.451	26.664	61.874	3.282	-	3.282	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	832.451	26.664	61.874	3.282	-	3.282	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	96.739	3.209	7.675	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Note: C-27J modifications was previously reported under P-1 Line Item Titled: Other Items <\$5M.

The Non-Standard Aviation (NSAV) line provides funding to purchase, modify, equip, and rapidly field Special Operations Forces (SOF) NSAV, Aviation Foreign Internal Defense (AvFID), and C-27J aircraft to provide the required capabilities outlined below. This line also funds Low Cost Modifications (LCM) of NSAV assets to support world-wide Special Operations Forces (SOF) mobility and priority Partner Nation training. There is no associated Research, Development, Test and Evaluation. These capabilities will be pursued via rapid fielding techniques when appropriate.

The FY 2022 funding request was reduced by \$1,115 million to account for the availability of prior year execution balances.

FY 2022 Fiscal Balancing -\$17.919 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.
-\$17.919 million - Aviation Foreign Internal Defense (AvFID)

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0207NSAV / NON-STANDARD AVIATION
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB
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Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	NON-STANDARD AVIATION (NSAV)				- / 832.451	- / 5.626	- / 42.175	- / 1.777	- / -	- / 1.777
P-3a	3 / C-27J Modifications (Added Capability)				- / -	- / 21.038	- / 19.699	- / 1.505	- / -	- / 1.505
P-40	Total Gross/Weapon System Cost				- / 832.451	- / 26.664	- / 61.874	- / 3.282	- / -	- / 3.282

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. NSAV. Program supports worldwide SOF missions and must have flexible capabilities to facilitate Theater Special Operations Command (TSOC) tactical and strategic objectives. The NSAV program provides Short Take-Off and Landing, flexible, rapid, responsive operational support of special operations teams. Support to TSOCs and operational mission objectives include: SOF team mobility in austere and remote locations, casualty evacuation, non-combatant evacuation operations, and humanitarian assistance.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures global positioning system improvements.

2. AvFID. Conduct training of fixed wing aircraft with priority Partner Nations in support of U.S. strategic objectives. AvFID aircraft must have flexible capabilities to support objective mission sets including, but not limited to, train, advise, and assist Partner Nation in the areas of day and night operations in low-level navigation, airdrop, air land resupply, leaflet drop, medical evacuation (MEDEVAC), personnel recovery, visual meteorological condition formation, armed Intelligence, Surveillance and Reconnaissance, airborne command and control, convoy escort, close air support, strike, border patrol, counter narcotics, and humanitarian relief.

FY 2022 Fiscal Balancing -\$17.919 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Eliminates planned procurement of an AvFID MC-208 trainer and installation, and Low Cost Modifications (LCM) funding.

3. C-27J. This program provides modifications to C-27J aircraft with equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, incorporate mission enhancements, and make critical safety changes.

FY 2022 BASE PROGRAM JUSTIFICATION: Funds two landing gear overhauls.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0207NSAV / NON-STANDARD AVIATION **Aggregated Items Title:** NON-STANDARD AVIATION (NSAV)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - Non-Standard Aviation Aircraft																				
1.1 / Low Cost Modifications (LCM) (1)			-	-	14.584	-	-	2.417	-	-	-	-	-	-	-	-	-	-	-	-
1.2 / Global Positioning System Improvements			-	-	7.500	-	-	-	-	-	-	-	-	1.777	-	-	-	-	-	1.777
Subtotal: 1 - Non-Standard Aviation Aircraft			-	-	22.084	-	-	2.417	-	-	-	-	-	1.777	-	-	-	-	-	1.777
2 - Aviation Foreign Internal Defense (AvFID); Includes MC-12 Air National Guard Improvements																				
2.1 / Aircraft (2)			-	-	-	-	-	-	11.500	3	34.500	-	-	-	-	-	-	-	-	-
2.2 / Spares			-	-	-	-	-	3.209	-	-	7.675	-	-	-	-	-	-	-	-	-
Subtotal: 2 - Aviation Foreign Internal Defense (AvFID); Includes MC-12 Air National Guard Improvements			-	-	-	-	-	3.209	-	-	42.175	-	-	-	-	-	-	-	-	-
Prior Year																				
Completed Efforts			-	-	810.367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Prior Year			-	-	810.367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	832.451	-	-	5.626	-	-	42.175	-	-	1.777	-	-	-	-	-	1.777

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:
 (1) FY21 Defense Wide Review (DWR) -\$2.514 million, United States Special Operations Command (USSOCOM) performed a comprehensive analysis of future capabilities and removed capacity for NSAV Low Cost Modifications to better align with the Department's priorities as outlined in the National Defense Strategy (NDS).
 (2) FY21 DWR -\$30.000 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced AvFID Armed Intelligence, Surveillance, and Reconnaissance (ISR) aircraft to better align with the Department's priorities as outlined in the NDS.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command	Date: May 2021
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Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0207NSAV / NON-STANDARD AVIATION	Modification Number / Title: 3 / C-27J Modifications
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	21.038	19.699	1.505	-	1.505
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	21.038	19.699	1.505	-	1.505
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	21.038	19.699	1.505	-	1.505

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

Description:

This program provides modifications to C-27J aircraft with equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, incorporate mission enhancements, and make critical safety changes. Current projects include but are not limited to: procuring landing gear, overhaul of landing gear, cockpit resets and upgrades. FY 2019 for C-27J resides in P-1 line item Other Items <\$5 million. No associated Research, Development, Test and Evaluation funds.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 0207NSAV / NON-STANDARD AVIATION		Modification Number / Title: 3 / C-27J Modifications	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:		
Models of Systems Affected: C-27J		Modification Type: Added Capability			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 2: Landing Gear Overhaul						
B Kits						
Recurring						
Landing Gear Overhaul	- / -	- / -	1 / 0.800	2 / 1.505	- / -	2 / 1.505
<i>Subtotal: Recurring</i>	- / -	- / -	1 / 0.800	2 / 1.505	- / -	2 / 1.505
<i>Subtotal: Landing Gear Overhaul</i>	- / -	- / -	1 / 0.800	2 / 1.505	- / -	2 / 1.505
Modification Item 2 of 2: Cockpit Reset/Upgrade						
B Kits						
Recurring						
Aircraft Cockpit	- / -	3 / 21.038	2 / 18.899	- / -	- / -	- / -
<i>Subtotal: Recurring</i>	- / -	3 / 21.038	2 / 18.899	- / -	- / -	- / -
<i>Subtotal: Cockpit Reset/Upgrade</i>	- / -	3 / 21.038	2 / 18.899	- / -	- / -	- / -
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 21.038	- / 19.699	- / 1.505	- / -	- / 1.505
Installation						
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -
Total						
Total Cost (Procurement + Support + Installation)	-	21.038	19.699	1.505	-	1.505

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0207NSAV / NON-STANDARD AVIATION	
Modification Number / Title: 3 / C-27J Modifications			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 2: Landing Gear Overhaul			
Manufacturer Information			
Manufacturer Name: Leonardo, Aerospace		Manufacturer Location: Turin, Italy	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 12	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates		Jul 2021	Mar 2022
Delivery Dates		Feb 2022	Feb 2023
Installation Information			
Method of Implementation (Organic): Depot		Installation Quantity: 4	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 0207NSAV / NON-STANDARD AVIATION	
Modification Number / Title: 3 / C-27J Modifications			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 2 of 2: Cockpit Reset/Upgrade			
Manufacturer Information			
Manufacturer Name: Leonardo		Manufacturer Location: Turin, Italy	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 4	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Nov 2021	Nov 2021	
Delivery Dates	Dec 2021	Dec 2021	
Manufacturer Name: TBD		Manufacturer Location: CONUS	
Administrative Leadtime (in Months): 1		Production Leadtime (in Months): 8	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates			Aug 2022
Delivery Dates			Apr 2023
Installation Information			
Method of Implementation (Organic): Depot		Installation Quantity: 1	
Method of Implementation (Organic): Depot		Installation Quantity: 5	

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0607U28 / U-28
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	353.835	42.398	28.536	4.176	-	4.176	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	353.835	42.398	28.536	4.176	-	4.176	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	353.835	42.398	28.536	4.176	-	4.176	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	0.670	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 Line Item is part of the Military Intelligence Program (MIP). The mission of the U-28 is to provide a manned fixed wing capability for improved tactical airborne Intelligence, Surveillance, Reconnaissance (ISR), and Targeting in support of Theater Special Operations Forces. United States Special Operations Command (USSOCOM) funds Special Operation Forces (SOF) peculiar modifications to rapidly field U-28 aircraft and low-cost modifications for the Mission Training Device (MTD), and support equipment to meet evolving mission requirements. There is no associated Research, Development, Test, and Evaluation (RDTE). These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$31.500 million appropriated for Overseas Contingency Operations.
 FY 2021 funding totals include \$24.711 million appropriated for Overseas Contingency Operations for Combat Replacement.
 The FY 2022 funding request was reduced by \$0.219 million to account for the availability of prior year execution balances.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0607U28 / U-28
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	U-28 Systems	P-5a			- / 353.835	- / 42.398	- / 28.536	- / 4.176	- / -	- / 4.176
P-40	Total Gross/Weapon System Cost				- / 353.835	- / 42.398	- / 28.536	- / 4.176	- / -	- / 4.176

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

- Justification:**
1. Mission Systems: Provides SOF-unique modifications to include avionics, communication systems, Intelligence, Surveillance, and Reconnaissance (ISR) systems, mission workstations, and mission software.
FY 2022 BASE PROGRAM JUSTIFICATION: Procures and installs low cost modifications to U-28 mission systems.
 2. MTD: Procures MTD and concurrency, obsolescence, and fidelity low cost modifications to the U-28 MTD ensuring realistic full-spectrum training and mission rehearsal capabilities. The MTD reduces mission risk, overall costs, and safety stresses of live training required to attain aircraft and mission proficiency.
FY 2022 BASE PROGRAM JUSTIFICATION: Installs MTD simulator low cost modifications to mission systems.
 3. U-28 EQ+ Modification: Follow-on effort to Combat Mission Needs Statement (CMNS) 210 to directly support counter Islamic State of Iraq and Syria (ISIS) operations. Enables deployment aircraft with 20" High Definition Full Motion Video Multi-Spectral Targeting System B Sensors Outside Continental United States (OCONUS) providing both extended stand-off operations and an enhanced Find, Fix, Finish capability. This effort included converting EQ configured aircraft to the EQ+ configuration and converting PC-12 aircraft to the EQ+ configuration. The U-28 EQ+ modification program received direct OCO funding in FY 2020.
 4. High Power Antenna: Procures and installs high power Ku band Beyond Line Of Sight (BLOS) antennas to expand bi-directional data throughput and assure satellite connectivity.
 5. Combat Loss Replacement: Procures spares and support equipment destroyed during an attack on a deployed location hanger.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0607U28 / U-28	Item Number / Title [DODIC]: U-28 Systems

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	353.835	42.398	28.536	4.176	-	4.176
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	353.835	42.398	28.536	4.176	-	4.176
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	353.835	42.398	28.536	4.176	-	4.176

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	0.670	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - 1 - Mission Systems Cost																		
Recurring Cost																		
1.1 Low Cost Modifications	-	-	9.199	-	-	1.958	-	-	1.978	-	-	2.305	-	-	-	-	-	2.305
1.2 Enhanced Ground Proximity Warning System (EGPWS) Overseas Contingency Operations (OCO)	-	-	2.330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3 EGPWS Spares OCO	-	-	0.670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>12.199</i>	-	-	<i>1.958</i>	-	-	<i>1.978</i>	-	-	<i>2.305</i>	-	-	-	-	-	<i>2.305</i>
<i>Subtotal: Hardware - 1 - Mission Systems Cost</i>	-	-	<i>12.199</i>	-	-	<i>1.958</i>	-	-	<i>1.978</i>	-	-	<i>2.305</i>	-	-	-	-	-	<i>2.305</i>
Hardware - 2 - Mission Training Device (MTD) Cost																		
Recurring Cost																		
2.1 MTD	-	-	28.527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2 MTD Low Cost Modifications	-	-	4.787	-	-	1.823	-	-	1.847	-	-	1.871	-	-	-	-	-	1.871
<i>Subtotal: Recurring Cost</i>	-	-	<i>33.314</i>	-	-	<i>1.823</i>	-	-	<i>1.847</i>	-	-	<i>1.871</i>	-	-	-	-	-	<i>1.871</i>
<i>Subtotal: Hardware - 2 - Mission Training Device (MTD) Cost</i>	-	-	<i>33.314</i>	-	-	<i>1.823</i>	-	-	<i>1.847</i>	-	-	<i>1.871</i>	-	-	-	-	-	<i>1.871</i>
Hardware - 3 - EQ+ Modification Cost																		
Recurring Cost																		

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0607U28 / U-28	Item Number / Title [DODIC]: U-28 Systems

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1 EQ to EQ+ Modification OCO ^(t)	-	-	18.000	7.875	4	31.500	-	-	-	-	-	-	-	-	-	-	-	-
3.2 PC-12 to EQ+ OCO	-	-	46.830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	64.830	-	-	31.500	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - 3 - EQ + Modification Cost</i>	-	-	64.830	-	-	31.500	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - 4 - High Power Antenna Cost																		
<i>Recurring Cost</i>																		
4.1 High Power Antenna ^(t)	-	-	-	0.184	25	4.600	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	4.600	-	-	-	-	-	-	-	-	-	-	-	-
<i>Non Recurring Cost</i>																		
4.2 First Article	-	-	-	1.259	2	2.517	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	2.517	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - 4 - High Power Antenna Cost</i>	-	-	-	-	-	7.117	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - 5 - Combat Loss Replacement Cost																		
<i>Recurring Cost</i>																		
5.1 Combat Loss Replacement (OCO)	-	-	-	-	-	-	-	-	24.711	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	24.711	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - 5 - Combat Loss Replacement Cost</i>	-	-	-	-	-	-	-	-	24.711	-	-	-	-	-	-	-	-	-
Hardware - 6 - Prior Year Cost																		
<i>Recurring Cost</i>																		
6.1 Prior Year Costs	-	-	243.492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	243.492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - 6 - Prior Year Cost</i>	-	-	243.492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	353.835	-	-	42.398	-	-	28.536	-	-	4.176	-	-	-	-	-	4.176

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0607U28 / U-28	Item Number / Title [DODIC]: U-28 Systems
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
3.1 EQ to EQ+ Modification OCO	✓	2020	SNC / Centennial, CO	C / CPFF	Wright-Patterson AFB, OH	Apr 2020	Oct 2020	4	7.875			
4.1 High Power Antenna		2020	SNC / Centennial, CO	C / CPFF	Wright-Patterson AFB, OH	Jul 2020	Jul 2021	25	0.184			

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	826.495	201.093	135.482	130.485	-	130.485	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	826.495	201.093	135.482	130.485	-	130.485	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	826.495	201.093	135.482	130.485	-	130.485	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	14.694	13.402	14.135	14.007	-	14.007	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 line item funds the MH-47 program. Army Special Operations Aviation (ARSOA) requires a long-term, capable and reliable Special Operations Forces (SOF) heavy assault fleet in order to provide organic worldwide strategic Rotary Wing operations capable of rapid fielding and deployment as well as long range penetration of hostile tactical areas. ARSOA is authorized 69 highly specialized MH-47G Chinook aircraft, 61 of which are currently sheet metal constructed airframes. Three of the sheet metal aircrafts have been lost in combat or pre-deployment training. Operational availability continues to be affected by increased maintenance actions and cost caused by high operational tempo and continuous combat operations within the Special Operations Aviation flight spectrum. Aging airframe fatigue and corrosion issues have necessitated replacement of the remaining 61 MH-47G legacy sheet metal airframes with newly machined airframes which incorporate emerging technologies to maintain mission effectiveness. The remaining eight machined airframes also require a retrofit to incorporate emerging technologies and improvements in machined airframe engineering, while maintaining mission effectiveness and performance across the entire MH-47G BLK II fleet. MFP-2 funds are provided by Army to cover common production, labor, and long lead material costs and are found in the Army 6775A05101 / CH-47 Helicopter Procurement budget exhibit. Due to the Lot 4 enhancements (Improved Drive Train (IDT), Improved Rotor System (IRS), Flight Control Computer (FCC) and Active Parallel Actuator Subsystem (APAS)) and reduced MH-47 quantity procurements, the unit cost increases from FY 2020 to FY 2021.

FY 2020 funding totals include \$34.281 million appropriated for Overseas Contingency Operations.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs **P-1 Line Item Number / Title:** 0610MH47 / MH-47 CHINOOK

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160403BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	MH-47 CHINOOK				- / 395.253	- / -	- / -	- / -	- / -	- / -
P-5	1 / MH-47 RENEW	P-5a, P-21			15 / 431.242	9 / 201.093	6 / 135.482	6 / 130.485	- / -	6 / 130.485
P-40	Total Gross/Weapon System Cost				- / 826.495	- / 201.093	- / 135.482	- / 130.485	- / -	- / 130.485

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2022 BASE PROGRAM JUSTIFICATION: Funds the manufacture of six newly built machined airframes incorporating emerging technologies to maintain mission effectiveness and address aging airframe structural fatigue and corrosion issues. Also, funds Government Furnished Equipment (GFE)/SOF-unique mission kits, block modifications, production engineering, publications, and program management. Funds modifications to address emerging threats, safety concerns, reliability and maintainability issues, and improved capabilities.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0610MH47 / MH-47 CHINOOK **Aggregated Items Title:** MH-47 CHINOOK

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - MH-47 Chinook																				
1.1 / MH-47 CHINOOK			-	-	395.253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 1 - MH-47 Chinook			-	-	395.253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	395.253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK	Item Number / Title [DODIC]: 1 / MH-47 RENEW

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	15	9	6	6	-	6
Gross/Weapon System Cost (<i>\$ in Millions</i>)	431.242	201.093	135.482	130.485	-	130.485
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	431.242	201.093	135.482	130.485	-	130.485
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	431.242	201.093	135.482	130.485	-	130.485

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Airframe ⁽¹⁾ (1)	14.694	15	220.406	13.402	9	120.617	14.135	6	84.811	14.007	6	84.043	-	-	-	14.007	6	84.043
<i>Subtotal: Recurring Cost</i>	-	-	220.406	-	-	120.617	-	-	84.811	-	-	84.043	-	-	-	-	-	84.043
<i>Subtotal: Flyaway Cost</i>	-	-	220.406	-	-	120.617	-	-	84.811	-	-	84.043	-	-	-	-	-	84.043

Hardware Cost																		
Recurring Cost																		
Government Furnished Equipment (GFE) (2)	-	-	16.990	-	-	23.122	-	-	17.976	-	-	15.643	-	-	-	-	-	15.643
GFE (OCO)	-	-	14.941	-	-	5.598	-	-	-	-	-	-	-	-	-	-	-	-
GFE (CONG)	-	-	21.519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aircraft Survivability Equipment (ASE) (OCO)	-	-	9.034	-	-	6.532	-	-	-	-	-	-	-	-	-	-	-	-
ASE (CONG)	-	-	36.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silent Knight Radar (SKR) (OCO)	-	-	3.040	-	-	3.040	-	-	-	-	-	-	-	-	-	-	-	-
SKR (CONG)	-	-	13.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avionics (CONG)	-	-	2.748	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	117.384	-	-	38.292	-	-	17.976	-	-	15.643	-	-	-	-	-	15.643
<i>Subtotal: Hardware Cost</i>	-	-	117.384	-	-	38.292	-	-	17.976	-	-	15.643	-	-	-	-	-	15.643

Support Cost																		
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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK	Item Number / Title [DODIC]: 1 / MH-47 RENEW
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Block Modifications	-	-	25.548	-	-	23.691	-	-	16.173	-	-	15.436	-	-	-	-	-	15.436
Post Production Modifications (CONG)	-	-	0.242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering (3)	-	-	59.229	-	-	14.722	-	-	10.642	-	-	9.467	-	-	-	-	-	9.467
Publication/Tech Data	-	-	3.296	-	-	0.983	-	-	3.000 ⁽⁴⁾	-	-	2.943	-	-	-	-	-	2.943
Program Management	-	-	5.137	-	-	2.788	-	-	2.880	-	-	2.953	-	-	-	-	-	2.953
<i>Subtotal: Support Cost</i>	-	-	93.452	-	-	42.184	-	-	32.695	-	-	30.799	-	-	-	-	-	30.799
Gross/Weapon System Cost	-	15	431.242	-	9	201.093	-	6	135.482	-	6	130.485	-	-	-	-	6	130.485

(t) indicates the presence of a P-5a

Footnotes:

- (1) Boeing: Sole Source Original Equipment Manufacturer. Due to DTIC system constraints, Airframe Base and OCO quantities in FY20 are combined but have significantly different costs. Due to the Lot 4 enhancements (Improved Drive Train (IDT), Improved Rotor System (IRS), Flight Control Computer (FCC) and Active Parallel Actuator Subsystem (APAS)) and reduced MH-47 quantity procurements, the unit cost increases from FY20 to FY21.
- (2) GFE decrease from FY20 to FY21 due to fewer aircraft being procured starting in FY21. GFE decrease from FY21 to FY22 due to increased procurement of initial spares in FY21 to support fielding.
- (3) Production Engineering decrease after FY20 due to Lot 4 integration/validation in FY20. Lot 4 enhancement includes IDT, IRS, FCC and APAS.
- (4) Publication increase is due to the Lot 4 enhancement beginning in FY21.

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Exhibit P-5a, Procurement History and Planning: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK	Item Number / Title [DODIC]: 1 / MH-47 RENEW
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe ^(†)		2018	Boeing / Philadelphia, PA	SS / CPFF	Fort Eustis, VA	Jul 2018	Aug 2020	8	17.591 ⁽⁵⁾	Y		Nov 2016
Airframe ^(†)	✓	2019	Boeing / Philadelphia, PA	SS / CPFF	Fort Eustis, VA	Jun 2019	Aug 2022	1	19.755	Y		Jun 2018
Airframe ^(†)		2019	Boeing / Philadelphia, PA	SS / CPFF	Fort Eustis, VA	Jun 2019	Sep 2021	6	9.987	Y		Jun 2018
Airframe ^(†)		2020	Boeing / Philadelphia, PA	SS / FFP	Fort Eustis, VA	Jun 2020	Sep 2022	8	13.402 ⁽⁶⁾	Y		Nov 2018
Airframe ^(†)	✓	2020	Boeing / Philadelphia, PA	SS / FFP	Fort Eustis, VA	Jun 2020	May 2023	1	19.111 ⁽⁷⁾	Y		Nov 2018
Airframe ^(†)		2021	Boeing / Philadelphia, PA	SS / FFP	Fort Eustis, VA	Sep 2021	Jun 2023	6	14.135	Y		Dec 2019
Airframe ^(†)		2022	Boeing / Philadelphia, PA	SS / FFP	Fort Eustis, VA	Mar 2022	Mar 2024	6	14.007	Y		Dec 2019

^(†) indicates the presence of a P-21

Footnotes:

- ⁽⁵⁾ FY 2018 Airframe unit costs include four Renew Aircraft and four New (Congressional funded) aircraft which have significantly different cost.
- ⁽⁶⁾ FY 2020 Airframe unit cost increased due to fewer H-47 procurements beginning in FY 2021, causing increased production line costs in FY 2020.
- ⁽⁷⁾ FY 2019 and FY 2020 OCO Airframe unit cost higher due to airframe being a New aircraft vice Renew of an existing airframe.

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command																							Date: May 2021												
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1										P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK										Item Number / Title [DODIC]: 1 / MH-47 RENEW															
Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018														Fiscal Year 2019														B A L A N C E	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018														Calendar Year 2019														
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	E				
Airframe ⁽¹⁾																																			
	1	2018	SOCOM	8	0	8												A	-	-	-	-	-	-	-	-	-	-	-	-	-	8			
	1	2019	SOCOM	6	0	6																							A	-	-	-	-	6	
✓	1	2019	SOCOM	1	0	1																						A	-	-	-	-	1		
	1	2020	SOCOM	8	0	8																											8		
✓	1	2020	SOCOM	1	0	1																											1		
	1	2021	SOCOM	6	0	6																											6		
	1	2022	SOCOM	6	0	6																											6		
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	E				
							T	V	C	A	B	R	R	Y	N	L	G	P	T	V	C	A	B	R	R	Y	N	L	G	P					

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK	Item Number / Title [DODIC]: 1 / MH-47 RENEW
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												BALANCE					
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020												Calendar Year 2021																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P				
Airframe ⁽¹⁾																																			
	1	2018	SOCOM	8	0	8	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	4
	1	2019	SOCOM	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5
✓	1	2019	SOCOM	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2020	SOCOM	8	0	8												A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
✓	1	2020	SOCOM	1	0	1												A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2021	SOCOM	6	0	6																													6
	1	2022	SOCOM	6	0	6																													6

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0610MH47 / MH-47 CHINOOK **Item Number / Title [DODIC]:** 1 / MH-47 RENEW

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2022												Fiscal Year 2023												BALANCE		
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022												Calendar Year 2023												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		A U G	S E P
Airframe ⁽¹⁾																															
1		2018	SOCOM	8	4	4	-	1	-	-	1	1	-	-	1														0		
1		2019	SOCOM	6	1	5	-	-	2	-	-	-	1	1	-	1													0		
✓	1	2019	SOCOM	1	0	1	-	-	-	-	-	-	-	-	-	1													0		
1		2020	SOCOM	8	0	8	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1		0		
✓	1	2020	SOCOM	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1					0		
1		2021	SOCOM	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1		3		
1		2022	SOCOM	6	0	6							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-		6		

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0610MH47 / MH-47 CHINOOK **Item Number / Title [DODIC]:** 1 / MH-47 RENEW

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024												Fiscal Year 2025												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024												Calendar Year 2025												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe ⁽¹⁾																															
	1	2018	SOCOM	8	8	0																							0		
	1	2019	SOCOM	6	6	0																							0		
✓	1	2019	SOCOM	1	1	0																							0		
	1	2020	SOCOM	8	8	0																							0		
✓	1	2020	SOCOM	1	1	0																							0		
	1	2021	SOCOM	6	3	3	-	1	1	-	1																		0		
	1	2022	SOCOM	6	0	6	-	-	-	-	-	1	1	-	1	-	1	-	1	-	1								0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 0610MH47 / MH-47 CHINOOK	Item Number / Title [DODIC]: 1 / MH-47 RENEW
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2022	1-8-5 For 2022	MAX For 2022	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Boeing - Philadelphia, PA	2 ⁽⁸⁾	2	6	11	10	25	35	0	9	22	31

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

⁽⁸⁾ Minimum Production Rate for Boeing being met by a combination of SOCOM funded MH-47 aircraft, Army funded CH-47 aircraft, Foreign Military Sales aircraft, and Direct Commercial Sales

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160421BB, 1160403BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	54	-	2	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,776.973	17.256	54.109	41.762	-	41.762	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,776.973	17.256	54.109	41.762	-	41.762	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,776.973	17.256	54.109	41.762	-	41.762	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	232.226	-	3.340	2.217	-	2.217	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The CV-22 Special Operations Forces (SOF) Modification line item funds the SOF variant of the V-22 vertical medium lift, multi-mission aircraft and associated training systems. The CV-22 provides long-range, high-speed infiltration, exfiltration, and resupply to SOF in hostile, denied, and politically sensitive areas. The Navy is the lead service for the Joint V-22 program and is responsible for managing and funding the development of the MV-22 and CMV-22, as well as the Block 0 portion of the CV-22. The Air Force funds the service common portion while United States Special Operations Command (USSOCOM) funds the development and procurement of SOF peculiar systems of Block 10 and 20. Budgeted modification programs include but are not limited to defensive/survivability systems, situational awareness systems, SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR), SOF communications, electronic warfare systems, interoperability, flight director, weapons integration, high speed and maneuverability enhancements, reliability and maintainability improvements, and Intelligence, Surveillance, and Reconnaissance (ISR) systems. The CV-22 Low Cost Modification (LCM) program addresses fielded deficiencies, obsolescence, reliability, and maintainability issues. The CV-22 Simulator Block Updates (SBUD) program upgrades legacy CV-22 aircrew training device capabilities by addressing concurrency, obsolescence, and fidelity training issues. These capabilities will be pursued via rapid fielding techniques when appropriate. This program received a FY 2021 Congressional increase to procure two CV-22 aircraft and Special Operations Forces modifications.

The FY 2022 funding request was reduced by \$2.198 million to account for the availability of prior year execution balances.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs

P-1 Line Item Number / Title:
1000CV2200 / CV-22 MODIFICATION

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160421BB, 1160403BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Aviation	P-5a			54 / 1,507.710	- / -	2 / 39.280	- / -	- / -	- / -
P-3a	2 / CV-22 Block 20 Upgrades (Added Capability)				- / 201.843	- / 12.962	- / 6.394	- / 9.278	- / -	- / 9.278
P-3a	3 / CV-22 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) (Added Capability)				- / -	- / 0.498	- / 3.340	- / 22.092	- / -	- / 22.092
P-3a	4 / CV-22 Reliability Improvements (Added Capability)				- / -	- / -	- / -	- / 5.190	- / -	- / 5.190
P-40a	CV-22 System				- / 67.420	- / 3.796	- / 5.095	- / 5.202	- / -	- / 5.202
P-40	Total Gross/Weapon System Cost				54 / 1,776.973	- / 17.256	2 / 54.109	- / 41.762	- / -	- / 41.762

Exhibits Schedule					FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Aviation	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-3a	2 / CV-22 Block 20 Upgrades (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	3 / CV-22 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	4 / CV-22 Reliability Improvements (Added Capability)				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	CV-22 System				- / -	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / -	- / -	- / -	- / -	- / -	- / -

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2022 PROGRAM JUSTIFICATION: Funds system upgrades to bring delivered CV-22 aircraft up to Block 20 configuration and addresses SOF-unique CV-22 training concurrency, obsolescence and fidelity issues. Block 20 upgrades include engineering change proposal non-recurring engineering, support equipment, technical support, flight test, interim contractor support, and eight Color Helmet Mounted Display kits (CHMD) installations. Procures SOF Common TF/TA SKR A-Kits, eight B-Kits, initial spares, technical support, and other government costs. Procures propotor blades for CV-22 platform reliability improvement efforts. Funds low cost modifications and simulator block upgrades to address fielded deficiencies, obsolescence, reliability, and maintainability.

The SKR program office awarded a 3-year contract in FY 2021 which stabilized the procurement price of the radar. This budget request includes updated unit cost and quantities made possible by the use of a FY 2021 through FY 2023 Multi Year Procurement (MYP) contract. This MYP accounts for SKR purchases for the MH-47, MH-60, CV-22 and MC-130J aircraft. Rotary Wing and MC-130J quantities and budget request are included in the Rotary Wing Upgrades and AC/MC-130J exhibits.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Item Number / Title [DODIC]: Aviation

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	54	-	2	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,507.710	-	39.280	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,507.710	-	39.280	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,507.710	-	39.280	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	232.226	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Flyaway - CV-22 Airframe Cost																		
Recurring Cost																		
Airframe/CFE (Congressional Add) ^(†)	-	-	-	-	-	-	19.640	2	39.280	-	-	-	-	-	-	-	-	-
Prior Year Funding	-	-	1,507.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,507.710</i>	-	-	-	-	-	<i>39.280</i>	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway - CV-22 Airframe Cost</i>	-	-	<i>1,507.710</i>	-	-	-	-	-	<i>39.280</i>	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	54	1,507.710	-	-	-	-	2	39.280	-	-	-	-	-	-	-	-	-

(†) indicates the presence of a P-5a

UNCLASSIFIED

Exhibit P-5a, Procurement History and Planning: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Item Number / Title [DODIC]: Aviation
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe/CFE (Congressional Add) - Airframe		2021	Bell Boeing / Amarillo, TX	SS / FPIF	Patuxent River, MD	Mar 2021	Oct 2024	2	19.640	Y		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 2 / CV-22 Block 20 Upgrades

ID Code (A=Service Ready, B=Not Service Ready) : _____ **MDAP/MAIS Code:** _____

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	201.843	12.962	6.394	9.278	-	9.278	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	201.843	12.962	6.394	9.278	-	9.278	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	201.843	12.962	6.394	9.278	-	9.278	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line funds the retrofit of fielded CV-22 aircraft and related equipment. The CV-22 modification program includes, but is not limited to, efforts that (1) improve operational safety, suitability, survivability, situational awareness, communications, Intelligence, Surveillance, and Reconnaissance (ISR), and effectiveness, (2) correct deficiencies identified during operational testing and/or field operations, (3) improve reliability/maintainability of the aircraft, (4) enhance defensive systems and self-deployment capabilities, and (5) modify aircraft to common configuration. Block 20 modifications include, but are not limited to the following systems: Cabin Lighting, Color Helmet Mounted Displays (CHMD), and Electronic Warfare upgrades. The United States Air Force (USAF) and USSOCOM modification budgets fund CV-22 modifications. USSOCOM MFP-11 funds Special Operations Forces (SOF) specific modifications, and USAF MFP-4 funds modifications that are common with other USAF platforms and/or with the joint V-22 program. This budget line item also includes funds to upgrade CV-22 support equipment, technical support, training equipment, and weapon system software with changes driven by aircraft Engineering Change Proposals (ECPs).

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command											Date: May 2021		
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1				P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION							Modification Number / Title: 2 / CV-22 Block 20 Upgrades		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: CV-22				Modification Type: Added Capability				Related RDT&E PEs: 1160403BB					
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #													
1160403BB	- / 2.817	- / 0.494	- / 2.129	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Procurement													
Modification Item 1 of 2: Color Helmet Mounted Display (CHMD)													
A Kits													
Recurring													
Color Helmet Mounted Display	24 / 7.658	29 / 6.966	5 / 1.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Recurring</i>	24 / 7.658	29 / 6.966	5 / 1.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Color Helmet Mounted Display (CHMD)</i>	24 / 7.658	29 / 6.966	5 / 1.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Modification Item 2 of 2: Prior Year Funding													
A Kits													
Recurring													
Prior Year Funding	291 / 119.382	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Recurring</i>	291 / 119.382	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Prior Year Funding</i>	291 / 119.382	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Procurement, All Modification Items</i>	- / 127.040	- / 6.966	- / 1.499	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Support (All Modification Items)													
ECP Non-recurring Engineering	- / 36.259	- / 2.272	- / 0.838	- / 1.578	- / -	- / 1.578	- / -	- / -	- / -	- / -	- / -	- / -	
Training Equipment	- / 9.376	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Support Equipment	- / 7.752	- / -	- / -	- / 0.516	- / -	- / 0.516	- / -	- / -	- / -	- / -	- / -	- / -	
Technical Support	- / 9.484	- / 1.233	- / 1.256	- / 1.734	- / -	- / 1.734	- / -	- / -	- / -	- / -	- / -	- / -	
Flight Test	- / 5.159	- / 1.272	- / 0.821	- / 2.328	- / -	- / 2.328	- / -	- / -	- / -	- / -	- / -	- / -	
Interim Contractor Support	- / -	- / -	- / 0.692	- / 2.200	- / -	- / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Support</i>	- / 68.030	- / 4.777	- / 3.607	- / 8.356	- / -	- / 8.356	- / -	- / -	- / -	- / -	- / -	- / -	
Installation													
Modification Item 1 of 2: Color Helmet Mounted Display (CHMD)	8 / 0.480	12 / 1.219	12 / 1.288	8 / 0.922	- / -	8 / 0.922	- / -	- / -	- / -	- / -	- / -	- / -	
Modification Item 2 of 2: Prior Year Funding	173 / 6.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Installation</i>	- / 6.773	- / 1.219	- / 1.288	- / 0.922	- / -	- / 0.922	- / -	- / -	- / -	- / -	- / -	- / -	
Total													

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 2 / CV-22 Block 20 Upgrades
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Models of Systems Affected: CV-22 **Modification Type:** Added Capability **Related RDT&E PEs:** 1160403BB

Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Cost (Procurement + Support + Installation)	201.843	12.962	6.394	9.278	-	9.278	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 2 / CV-22 Block 20 Upgrades
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 2: Color Helmet Mounted Display (CHMD)

Manufacturer Information

Manufacturer Name: Bell-Boeing	Manufacturer Location: Amarillo, TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 18

Dates	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Contract Dates	Jan 2021	Apr 2021	Feb 2022				
Delivery Dates	Jul 2022	Oct 2023	Aug 2023				

Installation Information

Method of Implementation: Contractor

Installation Cost	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	8 / 0.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	12 / 1.219	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	12 / 1.288	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2022	- / -	- / -	- / -	8 / 0.922	- / -	8 / 0.922	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	8 / 0.480	12 / 1.219	12 / 1.288	8 / 0.922	- / -	8 / 0.922	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	8	2	2	3	4	3	3	3	3	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Out	8	4	2	2	3	3	3	3	3	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 2 / CV-22 Block 20 Upgrades
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 2: Prior Year Funding

Manufacturer Information

Manufacturer Name: Bell_Boeing	Manufacturer Location: Amarillo TX
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Administrative Leadtime (in Months): 7	Production Leadtime (in Months): 13
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Dates	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Contractor

Installation Cost	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	173 / 6.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	173 / 6.293	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

PYS	PYS	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Out	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 3 / CV-22 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.498	3.340	22.092	-	22.092
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.498	3.340	22.092	-	22.092
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.498	3.340	22.092	-	22.092

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	3.340	2.217	-	2.217
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

This line funds the retrofit of fielded CV-22 aircraft and related equipment. The CV-22 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) modification program includes, but is not limited to: SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radars (SKR), SKR Ethernet and network connectivity upgrades, SKR navigational display enhancements, upgrades to correct deficiencies identified during operational testing and/or field operations, and improvements in reliability/maintainability of the SKR system. The United States Air Force (USAF) and USSOCOM modification budgets fund CV-22 modifications. USSOCOM MFP-11 funds Special Operations Forces (SOF) specific modifications, and USAF MFP-4 funds modifications that are common with other USAF platforms and/or with the joint V-22 program. This budget line item also includes funds to upgrade CV-22 support equipment, training equipment, and weapon system software with changes driven by aircraft Engineering Change Proposals (ECPs).

The SKR program office awarded a 3-year contract in FY 2021 which stabilized the procurement price of the radar. This budget request includes updated unit cost and quantities made possible by the use of a FY 2021 through FY 2023 Multi Year Procurement (MYP) contract. This MYP accounts for SKR purchases for the MH-47, MH-60, CV-22 and MC-130J aircraft. Rotary Wing and MC-130J quantities and budget request are included in the Rotary Wing Upgrades and AC/MC-130J exhibits.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 3 / CV-22 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Models of Systems Affected: CV-22	Modification Type: Added Capability	Related RDT&E PEs: 1160403BB
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Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #						
1160403BB	- / 40.287	- / 23.437	- / 14.644	- / 4.851	- / -	- / 4.851

Procurement

Modification Item 1 of 1: SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) ⁽¹⁾						
A Kits						
Recurring						
Silent Knight Radar (SKR)	- / -	- / -	- / -	- / 0.864	- / -	- / 0.864
Subtotal: Recurring	- / -	- / -	- / -	- / 0.864	- / -	- / 0.864
B Kits						
Recurring						
Silent Knight Radar (SKR) (CV-22)	- / -	- / -	- / -	8 / 17.736	- / -	8 / 17.736
Initial Spares (Radars)	- / -	- / -	- / 3.340	- / 2.217	- / -	- / 2.217
Subtotal: Recurring	- / -	- / -	- / 3.340	- / 19.953	- / -	- / 19.953
Subtotal: SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)	- / -	- / -	- / 3.340	- / 20.817	- / -	- / 20.817
Subtotal: Procurement, All Modification Items	- / -	- / -	- / 3.340	- / 20.817	- / -	- / 20.817

Support (All Modification Items)

Technical Support	- / -	- / 0.498	- / -	- / 0.508	- / -	- / 0.508
Other Government Costs	- / -	- / -	- / -	- / 0.767	- / -	- / 0.767
Subtotal: Support	- / -	- / 0.498	- / -	- / 1.275	- / -	- / 1.275

Installation

Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -
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Total Cost (Procurement + Support + Installation)	-	0.498	3.340	22.092	-	22.092
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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	
		Modification Number / Title: 3 / CV-22 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)	
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)			
Manufacturer Information			
Manufacturer Name: Raytheon		Manufacturer Location: Forest, MS	
Administrative Leadtime (in Months): 0		Production Leadtime (in Months): 20	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates		Nov 2020	Nov 2021
Delivery Dates		Jul 2022	Jul 2023
Installation Information			
Method of Implementation (Organic): Modification Line		Installation Quantity: 0	
<p>Footnotes:</p> <p>(1) This budget request includes funding to support a FY 2021 through FY 2023 Multi-Year Procurement (MYP) for the SOF Common TF/TA SKR program.</p>			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command	Date: May 2021
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Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 4 / CV-22 Reliability Improvements
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	5.190	-	5.190
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	-	5.190	-	5.190
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	5.190	-	5.190

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

Description:

This line funds the retrofit of fielded CV-22 aircraft and related equipment. The CV-22 Reliability Improvement modification program includes, but is not limited to: proprotor blades, swashplate actuator assemblies, pylon conversion actuators, infrared suppression assemblies, and engine anti-ice systems. This budget line item also includes funds to upgrade CV-22 support equipment, training equipment, and weapon system software with changes driven by aircraft Engineering Change Proposals (ECPs).

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	Modification Number / Title: 4 / CV-22 Reliability Improvements
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Models of Systems Affected: CV-22 **Modification Type:** Added Capability **Related RDT&E PEs:** 1160403BB

Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #						
1160403BB	- / -	- / -	- / -	- / 2.081	- / -	- / 2.081

Procurement

Modification Item 1 of 2: Proprotor Blades						
A Kits						
Recurring						
Proprotor Blades	- / -	- / -	- / -	- / 5.190	- / -	- / 5.190
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 5.190	- / -	- / 5.190
<i>Subtotal: Proprotor Blades</i>	- / -	- / -	- / -	- / 5.190	- / -	- / 5.190
Modification Item 2 of 2: Pitch Link Rod End Bearings & Pendulum Damper Assemblies						
<i>Subtotal: Pitch Link Rod End Bearings & Pendulum Damper Assemblies</i>	- / -	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 5.190	- / -	- / 5.190

Installation

<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -
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Total

Total Cost (Procurement + Support + Installation)	-	-	-	5.190	-	5.190
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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	
Modification Number / Title: 4 / CV-22 Reliability Improvements			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 2: Proprotor Blades			
Manufacturer Information			
Manufacturer Name: TBD		Manufacturer Location: TBD	
Administrative Leadtime (in Months):		Production Leadtime (in Months): 6	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates			May 2022
Delivery Dates			Nov 2022
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 0	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION	
Modification Number / Title: 4 / CV-22 Reliability Improvements			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 2 of 2: Pitch Link Rod End Bearings & Pendulum Damper Assemblies			
Manufacturer Information			
Manufacturer Name: TBD		Manufacturer Location: TBD	
Administrative Leadtime (in Months):		Production Leadtime (in Months): 6	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates			
Delivery Dates			
Installation Information			
Method of Implementation (Organic): Contractor		Installation Quantity: 0	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 1000CV2200 / CV-22 MODIFICATION **Aggregated Items Title:** CV-22 System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - CV-22 Low Cost Modifications																				
1.1 / CV-22 Low Cost Modifications			-	-	8.763	-	-	1.980	-	-	2.020	-	-	2.062	-	-	-	-	-	2.062
Subtotal: 1 - CV-22 Low Cost Modifications			-	-	8.763	-	-	1.980	-	-	2.020	-	-	2.062	-	-	-	-	-	2.062
2 - CV-22 Mission Training and Preparation Systems																				
2.1 / CV-22 Simulator Block Upgrades			-	-	39.827	-	-	1.816	-	-	3.075	-	-	3.140	-	-	-	-	-	3.140
Subtotal: 2 - CV-22 Mission Training and Preparation Systems			-	-	39.827	-	-	1.816	-	-	3.075	-	-	3.140	-	-	-	-	-	3.140
Prior Year Funding																				
3.1 / Prior Year			-	-	18.830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Prior Year Funding			-	-	18.830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	67.420	-	-	3.796	-	-	5.095	-	-	5.202	-	-	-	-	-	5.202

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1105219BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	294.172	7.238	6.746	8.020	-	8.020	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	294.172	7.238	6.746	8.020	-	8.020	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	294.172	7.238	6.746	8.020	-	8.020	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The MQ-9 Unmanned Aerial Vehicle (UAV) line item funds the acquisition and rapid fielding of Special Operations Forces (SOF) unique mission kits, payloads, weaponization, modifications, production support for MQ-9 UAVs, Ground Control Stations (GCSs), and training systems. United States Special Operations Command (USSOCOM) is designated the DOD lead for planning, synchronizing, and as directed, executing global operations against terrorist networks. As the combatant command executing these operations, 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 line item addresses the primary areas of Intelligence, Surveillance, Reconnaissance, Target Acquisition, and Strike. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$1.900 million appropriated for Overseas Contingency Operations.

The FY 2022 funding request was reduced by \$0.422 million to account for the availability of prior year execution balances.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1105219BB
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	AVIATION				- / 294.172	- / 7.238	- / 6.746	- / 8.020	- / -	- / 8.020
P-40	Total Gross/Weapon System Cost				- / 294.172	- / 7.238	- / 6.746	- / 8.020	- / -	- / 8.020

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2022 BASE PROGRAM JUSTIFICATION: Leverages other service and activity fielded capabilities in order to rapidly procure SOF-peculiar mission kits, mission payloads, weaponization, modifications, and production support.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE	Item Number / Title [DODIC]: AVIATION

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	294.172	7.238	6.746	8.020	-	8.020
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	294.172	7.238	6.746	8.020	-	8.020
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	294.172	7.238	6.746	8.020	-	8.020

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - MQ-9 Unmanned Aerial Vehicle (UAV) Cost																		
Recurring Cost																		
Mission Kits, Mission Payloads, Weaponization and Modifications	-	-	105.054	-	-	4.838	-	-	6.246	-	-	7.520	-	-	-	-	-	7.520
Mission Kits and Mission Payloads Overseas Contingency Operations (OCO)	-	-	14.000	-	-	1.900	-	-	-	-	-	-	-	-	-	-	-	-
Mission Kits OCO - Sante Fe Pod and Modifications	-	-	5.780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Support	-	-	6.029	-	-	0.500	-	-	0.500	-	-	0.500	-	-	-	-	-	0.500
Prior Year Funding	-	-	125.527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	256.390	-	-	7.238	-	-	6.746	-	-	8.020	-	-	-	-	-	8.020
Non Recurring Cost																		
Prior Year Funding	-	-	37.782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	37.782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - MQ-9 Unmanned Aerial Vehicle (UAV) Cost	-	-	294.172	-	-	7.238	-	-	6.746	-	-	8.020	-	-	-	-	-	8.020
Gross/Weapon System Cost	-	-	294.172	-	-	7.238	-	-	6.746	-	-	8.020	-	-	-	-	-	8.020

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE	Item Number / Title [DODIC]: AVIATION
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Remarks: Quantities and unit costs vary based on mission requirements established by the operational community within the year of execution.		

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 1202PSP / PRECISION STRIKE PACKAGE
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160429BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,197.970	232.599	233.111	165.224	-	165.224	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,197.970	232.599	233.111	165.224	-	165.224	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,197.970	232.599	233.111	165.224	-	165.224	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	69.860	15.128	10.431	4.183	-	4.183	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	31.674	32.308	33.277	-	33.277	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Precision Strike Package (PSP) for Special Operations Forces (SOF) funds the procurement, installation, and rapid fielding of the PSP onto various SOF platforms and training devices to provide a close air support, air interdiction, and armed reconnaissance capability including sensors, communications systems, precision guided munition systems, mission operator pallet, gun systems and high energy laser. The recapitalization of the AC-130H, AC-130W, and AC-130U aircraft will be accomplished by installing PSP kits onto MC-130J service provided aircraft. The PSP kit is modular, scalable, and platform agnostic. These capabilities will be pursued via rapid fielding techniques when appropriate.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 1202PSP / PRECISION STRIKE PACKAGE
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160429BB
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	1 / Precision Strike Package	P-5a			25 / 1,197.970	5 / 232.599	5 / 233.111	4 / 165.224	- / -	4 / 165.224
P-40	Total Gross/Weapon System Cost				- / 1,197.970	- / 232.599	- / 233.111	- / 165.224	- / -	- / 165.224

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2022 BASE PROGRAM JUSTIFICATION: Procures four PSP kits (including the large caliber gun capability), non-recurring AC-130J/W deficiency resolutions, test, hanger lease, technical orders, associated peculiar support equipment (includes installation hardware & special test equipment), contractor support, facilities, travel, initial spares, and other government costs for integration and test onto service provided MC-130J aircraft.

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1202PSP / PRECISION STRIKE PACKAGE	Item Number / Title [DODIC]: 1 / Precision Strike Package

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (Units in Each)	25	5	5	4	-	4
Gross/Weapon System Cost (\$ in Millions)	1,197.970	232.599	233.111	165.224	-	165.224
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,197.970	232.599	233.111	165.224	-	165.224
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,197.970	232.599	233.111	165.224	-	165.224

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	69.860	15.128	10.431	4.183	-	4.183
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - Armament/Weapons Delivery Cost																		
Recurring Cost																		
PSP Kit and Installs ^(†)	-	-	629.809	31.674	5	158.368	32.308	5	161.540	33.277	4	133.108	-	-	-	33.277	4	133.108
PSP Kit OCO	-	-	25.556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prior Year Recurring Costs	-	-	280.774	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	936.139	-	-	158.368	-	-	161.540	-	-	133.108	-	-	-	-	-	133.108
Non Recurring Cost																		
AC-130J Deficiency Resolutions	-	-	19.113	-	-	14.109	-	-	15.830	-	-	11.219	-	-	-	-	-	11.219
AC-130W Deficiency Resolutions	-	-	17.956	-	-	5.776	-	-	5.892	-	-	4.167	-	-	-	-	-	4.167
Test	-	-	0.903	-	-	0.921	-	-	0.940	-	-	0.641	-	-	-	-	-	0.641
Prior Year Non-Recurring Costs	-	-	56.602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	94.574	-	-	20.806	-	-	22.662	-	-	16.027	-	-	-	-	-	16.027
<i>Subtotal: Hardware - Armament/Weapons Delivery Cost</i>	-	-	1,030.713	-	-	179.174	-	-	184.202	-	-	149.135	-	-	-	-	-	149.135
Support - Armament/Weapons Delivery Cost																		
Hanger Lease	-	-	8.336	-	-	8.503	-	-	8.673	-	-	2.252	-	-	-	-	-	2.252
Technical Orders	-	-	4.000	-	-	1.830	-	-	2.295	-	-	0.483	-	-	-	-	-	0.483

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Exhibit P-5, Cost Analysis: PB 2022 United States Special Operations Command													Date: May 2021					
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1						P-1 Line Item Number / Title: 1202PSP / PRECISION STRIKE PACKAGE						Item Number / Title [DODIC]: 1 / Precision Strike Package						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Peculiar Support Equipment	-	-	16.425	-	-	2.570	-	-	3.521	-	-	0.965	-	-	-	-	-	0.965
Contractor Support	-	-	42.779	-	-	20.833	-	-	16.250	-	-	5.792	-	-	-	-	-	5.792
Facilities	-	-	1.702	-	-	1.624	-	-	1.657	-	-	0.322	-	-	-	-	-	0.322
Travel	-	-	1.242	-	-	0.628	-	-	0.641	-	-	0.161	-	-	-	-	-	0.161
Initial Spares	-	-	69.860	-	-	15.128	-	-	10.431	-	-	4.183	-	-	-	-	-	4.183
Other Government Costs	-	-	22.913	-	-	2.309	-	-	5.441	-	-	1.931	-	-	-	-	-	1.931
<i>Subtotal: Support - Armament/Weapons Delivery Cost</i>	-	-	167.257	-	-	53.425	-	-	48.909	-	-	16.089	-	-	-	-	-	16.089
Gross/Weapon System Cost	-	25	1,197.970	-	5	232.599	-	5	233.111	-	4	165.224	-	-	-	-	4	165.224

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 1202PSP / PRECISION STRIKE PACKAGE	Item Number / Title [DODIC]: 1 / Precision Strike Package
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
PSP Kit and Installs		2020	Various / Various	Various	Various	Mar 2020	Jun 2021	5	31.674	Y		
PSP Kit and Installs		2021	Various / Various	Various	Various	Mar 2021	Jan 2022	5	32.308	Y		
PSP Kit and Installs		2022	Various / Various	Various	Various	Mar 2022	Jan 2023	4	33.277	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	629.673	143.232	153.914	205.216	-	205.216	-	-	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	629.673	143.232	153.914	205.216	-	205.216	-	-	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	629.673	143.232	153.914	205.216	-	205.216	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	36.891	6.634	13.435	5.179	-	5.179	-	-	-	-	-	-
Flyaway Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The AC/MC-130J line funds the replacement and rapid fielding of Special Operations Forces (SOF) capabilities on these aging airframes: 14 MC-130E Combat Talon I, 23 MC-130P Combat Shadow, and 24 MC-130H Combat Talon II aircraft. "AC" strike platforms perform close air support, air interdiction, and armed reconnaissance missions. "MC" mobility platforms perform clandestine or low visibility, single, or multi-ship low-level missions intruding politically-sensitive or hostile territory. The AC/MC-130J project funds core SOF-unique modifications to replace aging/retired legacy strike and mobility C-130 aircraft. The AC-130J Ghost Rider aircraft are modified with the Precision Strike Package (PSP) to replace the AC-130H Spectre (8 of 8 retired), AC-130W Stinger II (4 of 12 retired) and AC-130U Spooky (11 of 17 retired) airframes. The AC-130J aircraft provides close air support, air interdiction, and armed reconnaissance capability. MC-130J Commando II aircraft are being modified with SOF mission capabilities to replace the MC-130E Combat Talon I (14 of 14 retired), MC-130P Combat Shadow (23 of 23 retired), and MC-130H Combat Talon II (11 of 24 retired) airframes. The MC-130J Commando II provides clandestine, single or multi-ship low-level aerial refueling for special operations helicopters and CV-22 aircraft, and performs airdrops of leaflets, small special operations teams, resupply bundles and combat rubber raiding craft. The Air Force procures and fields the basic aircraft, common support equipment, and Weapon System Trainers (WST). United States Special Operations Command modifies the WST with SOF-peculiar equipment and procures additional training devices for SOF unique mission systems. Rapid fielding and incremental upgrades are used to integrate SOF capabilities onto the aircraft. SOF capabilities include, but are not limited to, real time situational awareness, data fusion, threat detection and avoidance, integrated Terrain Following/Terrain Avoidance (TF/TA), navigation, electronic warfare, dynamic route replanning, and embedded training. Integrating SOF mission systems and automating these capabilities is critical to fielding SOF-capable AC/MC-130J aircraft to recapitalize Air Force Special Operations Command's (AFSOC) legacy C-130 fleet and reduce the required crew complement for this operational environment. This budget line item also funds AC/MC-130J efforts related to communications security and joint/coalition interoperability, such as Cryptographic Modernization. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2022 Fiscal Balancing -\$11.000 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.
-\$11.000 million - Radio Frequency Countermeasures (RFCM)

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs

P-1 Line Item Number / Title:
2012C130J / AC/MC-130J

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160403BB

Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	1 / Special Mission System (SMS) (System Upgrade)				- / 186.803	- / 47.325	- / 44.823	- / 50.714	- / -	- / 50.714
P-3a	2 / AC/MC-130J Radio Frequency Countermeasures (RFCM) (System Upgrade)				- / 94.985	- / 11.443	- / 20.378	- / 57.256	- / -	- / 57.256
P-3a	3 / AC-130J (PSP Retrofit) (System Upgrade)				- / 212.622	- / 33.798	- / 35.052	- / 24.684	- / -	- / 24.684
P-3a	4 / MC-130J Airborne Mission Networking (AbMN) (System Upgrade)				- / 8.217	- / 7.866	- / 16.966	- / 22.701	- / -	- / 22.701
P-3a	5 / C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) (System Upgrade)				- / 6.462	- / 8.964	- / 29.389	- / 36.958	- / -	- / 36.958
P-3a	6 / AC/MC-130J Defensive System Upgrades (DSU) (System Upgrade)				- / 16.200	- / 4.717	- / 2.683	- / 5.480	- / -	- / 5.480
P-40a	AC/MC-130J Systems				- / 104.384	- / 29.119	- / 4.623	- / 7.423	- / -	- / 7.423
P-40	Total Gross/Weapon System Cost				- / 629.673	- / 143.232	- / 153.914	- / 205.216	- / -	- / 205.216

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2022 PROGRAM JUSTIFICATION: Continues MC-130J Capability Release 2 Consolidated Modifications and AC-130J modifications. Procures five Special Mission System (SMS) kits for installation on five AC/MC-130J aircraft plus support costs. Supports technical risk reduction and consolidation of technical data and modification for systems which interface to the aircraft and each other through the SMS. Procures four Electronic Warfare Radio Frequency Countermeasures (RFCM) A Kits, and five B Kits for installation on the AC/MC-130J aircraft plus support costs for one simulator/training system, interim contractor support, the technical data package, training system modifications, program management administration, and other government costs. Funds integration of three MC-130J aircraft PSP retrofit modifications and other government costs to the AC-130J configuration. MC-130J kit procurement is focused on meeting the consolidated modification line installation schedule. Procures four Airborne Mission Networking (AbMN) A-kits for consolidated modification line installation on the MC-130J plus other government costs. Procures six MC-130 SOF common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) A Kits and eight B Kits for consolidated modification line installation on the MC-130J aircraft plus spares, other government costs, interim contractor support (labor), and peculiar support equipment. Procures ten AC/MC-130J DSU kits, government furnished equipment, labor, other government costs, and trainers. Procures seven Auxiliary Flight Deck Station (AFDS) kits for consolidated modification line installation on the MC-130J aircraft plus interim contractor support (labor). Procures AC/MC-130J Weight Management and MC-130J Variable Speed Drogue hardware.

The SKR program office awarded a 3-year contract in FY 2021 which stabilized the procurement price of the radar. This budget request includes updated unit cost and quantities made possible by the use of a FY 2021 through FY 2023 Multi Year Procurement (MYP) contract. This MYP accounts for SKR purchases for the MH-47, MH-60, CV-22 and MC-130J aircraft. CV-22 and Rotary Wing quantities and budget request are included in the CV-22 Modification and Rotary Wing exhibits.

FY 2022 Fiscal Balancing -\$11.000 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces AC/MC-130J aircraft A and B kits, Program Management Administration, and interim contractor support.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 1 / Special Mission System (SMS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	186.803	47.325	44.823	50.714	-	50.714
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	186.803	47.325	44.823	50.714	-	50.714
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	186.803	47.325	44.823	50.714	-	50.714

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	9.719	6.634	2.266	1.838	-	1.838
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

This modification program incrementally procures and integrates, onto AC/MC-130J aircraft, Special Operations Forces (SOF)-unique modifications necessary to correspond with the incremental upgrade strategy of the AC/MC-130J Program. The Special Mission System (SMS) program integrates SOF-peculiar capabilities with existing aircraft controls and displays, and enables hosting of SOF mission software applications. Supports technical risk reduction and consolidation of technical data and modification for systems which interface to the aircraft and each other through the SMS. Auxiliary Flight Deck Station (AFDS) and SMS equipment will be installed by contractor or depot onto AC-130J and MC-130J aircraft.

This program will be going to Full Rate Production contract 4QTR FY 2022 which will utilize a competitive award. Delivery dates will be provided upon contract award.

Development Status/Major Development Milestones

Date	Title	Description
Nov 2014	MS C	Milestone C

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 1 / Special Mission System (SMS)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: AC/MC-130J			Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 350.710	- / 25.502	- / 52.395	- / 52.045	- / -	- / 52.045	
Procurement							
Modification Item 1 of 1: AC/MC-130J SMS							
A Kits							
Recurring							
AC/MC-130J Aircraft Kits ⁽¹⁾	39 / 84.108	5 / 12.847	5 / 13.104	5 / 13.042	- / -	5 / 13.042	
AC/MC-130J Aircraft Modifications (Labor) ⁽²⁾	27 / 15.904	8 / 6.034	5 / 3.624	5 / 3.697	- / -	5 / 3.697	
Subtotal: Recurring	- / 100.012	- / 18.881	- / 16.728	- / 16.739	- / -	- / 16.739	
B Kits							
Recurring							
AC/MC-130J Special Mission Processor Kits (LRU) ⁽³⁾	- / 7.150	- / 3.672	- / 3.745	- / 13.500	- / -	- / 13.500	
Subtotal: Recurring	- / 7.150	- / 3.672	- / 3.745	- / 13.500	- / -	- / 13.500	
Non-Recurring							
AC/MC-130J Initial Spares ⁽⁴⁾	- / 9.719	- / 6.634	- / 2.266	- / 1.838	- / -	- / 1.838	
AC/MC-130J Diminishing Manufacturing Sources (DMS) Technology Refresh ⁽⁵⁾	- / 40.353	- / 15.167	- / 4.844	- / 4.210	- / -	- / 4.210	
AC/MC-130J Technical Data/Publications	- / -	- / 0.350	- / -	- / -	- / -	- / -	
Subtotal: Non-Recurring	- / 50.072	- / 12.151	- / 7.110	- / 6.048	- / -	- / 6.048	
Subtotal: AC/MC-130J SMS	- / 157.234	- / 34.704	- / 27.583	- / 36.287	- / -	- / 36.287	
Subtotal: Procurement, All Modification Items	- / 157.234	- / 34.704	- / 27.583	- / 36.287	- / -	- / 36.287	
Support (All Modification Items)							
AC/MC-130J Simulator/Training Systems ⁽⁶⁾	- / 3.813	- / -	- / 3.972	- / 1.700	- / -	- / 1.700	
AC/MC-130J Non-Recurring Engineering Support (Integration)	- / 3.219	- / 1.699	- / 1.767	- / -	- / -	- / -	
AC/MC-130J Other Government Costs	- / 15.338	- / 2.040	- / 2.081	- / 2.127	- / -	- / 2.127	
MC-130J Technical Data/Publications	- / -	- / 0.312	- / 0.350	- / 0.457	- / -	- / 0.457	
MC-130J Consolidated Modification Line Infrastructure	- / 2.461	- / 3.229	- / 2.100	- / 3.034	- / -	- / 3.034	
MC-130J Consolidated Modification Line Support Equipment ⁽⁷⁾	- / 4.738	- / 15.341	- / 16.970	- / 17.109	- / -	- / 17.109	
Subtotal: Support	- / 29.569	- / 12.621	- / 17.240	- / 14.427	- / -	- / 14.427	
Installation							
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command					Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 1 / Special Mission System (SMS)	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:		
Models of Systems Affected: AC/MC-130J		Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total						
Total Cost (Procurement + Support + Installation)	186.803	47.325	44.823	50.714	-	50.714

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	
Modification Number / Title: 1 / Special Mission System (SMS)		ID Code (A=Service Ready, B=Not Service Ready) :	
MDAP/MAIS Code:		Modification Item 1 of 1: AC/MC-130J SMS	
Manufacturer Information			
Manufacturer Name: Lockheed Martin - SMS Kits		Manufacturer Location: Marietta, GA	
Administrative Leadtime (in Months): 1		Production Leadtime (in Months): 18	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Feb 2020	Jul 2021	Feb 2022
Delivery Dates	Aug 2021	Dec 2022	Aug 2023
Manufacturer Name: Next Gen SMP TBD		Manufacturer Location: TBD	
Administrative Leadtime (in Months): 1		Production Leadtime (in Months): 10	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates		Dec 2020	Dec 2021
Delivery Dates		Sep 2021	Sep 2022
Installation Information			
Method of Implementation (Organic): Original Equipment Manufacturer (OEM)/Organic		Installation Quantity: 31	
Method of Implementation (Organic): Modification Line		Installation Quantity: 63	
Footnotes:			
(1) FY20-FY26 reflects kits procured (18-month lead time) for the AC-130J aircraft at a rate of 5 per year. FY22-FY30 reflects kits procured for MC-130J aircraft at a rate of 4-6 per year.			
(2) FY20-FY26 Aircraft modifications reflects AC-130J 5/5/5/5/0/0 and MC-130J 6/0/0/4/4/5/6.			
(3) Special Mission Systems LRU's are procured at a rate of 2 per aircraft for a total of 302 (37 AC/ 57 MC), plus spares and retrofits. Increase includes NextGen Special Mission Processor (SMP) integration plus retrofits and additional spares.			
(4) Initial spares are procured for both the AC/MC-130J to meet the delivery rate of operationally fielded aircraft at 2 AC-130J and 7 MC-130J operating bases.			
(5) FY18 AC/MC-130J Diminishing Manufacturing Sources (DMS) complete issue resolution on the Special Mission Processor (SMP). FY19 initiated DMS driven SMP replacement and technical refresh with a FY21 procurement to meet delivery schedule for MC-130J aircraft modification, and satisfies spares requirements AC/MC-130J. FY22-FY26 continues tech refresh with NextGen SMP retrofits. Galleon NFS and Keyboard/trackball.			
(6) Simulator/trainers procurement supports modifications to existing crew training devices for AC/MC-130J using an overarching multiyear indefinite delivery indefinite quantity contract			
(7) MC-130J Modification equipment supports the stand up of facilities for the consolidated modification line to include but not limited to: tooling, fire suppression and support equipment.			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 2 / AC/MC-130J Radio Frequency Countermeasures (RFCM)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	94.985	11.443	20.378	57.256	-	57.256
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	94.985	11.443	20.378	57.256	-	57.256
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	94.985	11.443	20.378	57.256	-	57.256

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	24.546	-	1.781	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

This modification program procures and fields Radio Frequency Countermeasures (RFCM) for AC/MC-130J fleet. The RFCM suite detects, identifies and provides geo-located threat position data to the Situational Awareness system and display, and determines and implements appropriate response to eliminate or degrade the threat.

Program was competitively awarded in July 2020 to Sierra Nevada Corporation, Centennial, CO. Contract includes Engineering Manufacturing and Development (EMD), Low-Rate Initial Production (LRIP), Full Rate Production (FRP) and other support activities (such as interim contract support (ICS), depot activation, technical data, and data rights options). EMD and LRIP are Fixed-Price Award Fee incentivizing schedule; FRP and remaining options are Firm Fixed Price.

Development Status/Major Development Milestones

Date	Title	Description
Aug 2022	MS C	Milestone C

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 2 / AC/MC-130J Radio Frequency Countermeasures (RFCM)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: AC/MC-130J			Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 350.439	- / 49.245	- / 52.783	- / 21.605	- / -	- / 21.605	
Procurement							
Modification Item 1 of 1: AC/MC-130J RF Countermeasures							
A Kits							
Recurring							
AC/MC-130J Aircraft Kits	4 / 3.636	- / -	- / -	4 / 4.685	- / -	4 / 4.685	
AC/MC-130J Aircraft Modifications (Labor)	- / -	- / -	- / -	- / 5.061	- / -	- / 5.061	
Subtotal: Recurring	- / 3.636	- / -	- / -	- / 9.746	- / -	- / 9.746	
B Kits							
Recurring							
AC/MC-130J Aircraft Hardware	7 / 39.043	1 / 8.128	2 / 12.655	5 / 32.056	- / -	5 / 32.056	
Subtotal: Recurring	- / 39.043	- / 8.128	- / 12.655	- / 32.056	- / -	- / 32.056	
Non-Recurring							
AC/MC-130J Initial Spares ⁽⁸⁾	- / 24.546	- / -	- / 11.781	- / -	- / -	- / -	
Subtotal: Non-Recurring	- / 24.546	- / -	- / 11.781	- / -	- / -	- / -	
Subtotal: AC/MC-130J RF Countermeasures	- / 67.225	- / 8.128	- / 14.436	- / 41.802	- / -	- / 41.802	
Subtotal: Procurement, All Modification Items	- / 67.225	- / 8.128	- / 14.436	- / 41.802	- / -	- / 41.802	
Support (All Modification Items)							
Simulator/Training Systems ⁽⁹⁾	- / -	- / -	- / -	1 / 2.605	- / -	1 / 2.605	
Program Management Administration (PMA) Government Costs ⁽¹⁰⁾	- / 4.210	- / 1.750	- / 1.820	- / 1.569	- / -	- / 1.569	
Other Government Costs ⁽¹¹⁾	- / 6.255	- / 1.565	- / 1.641	- / 1.500	- / -	- / 1.500	
System Integration Lab Kit	- / 17.295	- / -	- / -	- / -	- / -	- / -	
Interim Contractor Support (Labor)	- / -	- / -	- / -	- / 2.845	- / -	- / 2.845	
Data Rights / Technical Data Package	- / -	- / -	- / -	- / 2.279	- / -	- / 2.279	
Award Fee ⁽¹²⁾	- / -	- / -	- / 2.481	- / 4.656	- / -	- / 4.656	
Subtotal: Support	- / 27.760	- / 3.315	- / 5.942	- / 15.454	- / -	- / 15.454	
Installation							
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 2 / AC/MC-130J Radio Frequency Countermeasures (RFCM)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: AC/MC-130J			Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Total							
Total Cost (Procurement + Support + Installation)		94.985	11.443	20.378	57.256	-	57.256

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	
		Modification Number / Title: 2 / AC/MC-130J Radio Frequency Countermeasures (RFCM)	
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: AC/MC-130J RF Countermeasures			
Manufacturer Information			
Manufacturer Name: Sierra Nevada Corporation (A Kits)		Manufacturer Location: Centennial, CO	
Administrative Leadtime (<i>in Months</i>): 2		Production Leadtime (<i>in Months</i>): 10	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates		Jul 2021	Nov 2021
Delivery Dates		May 2022	Sep 2022
Manufacturer Name: Sierra Nevada Corporation (B Kits)		Manufacturer Location: Centennial, CO	
Administrative Leadtime (<i>in Months</i>): 2		Production Leadtime (<i>in Months</i>): 24	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Jul 2020	Nov 2020	Nov 2021
Delivery Dates	May 2022	Nov 2022	Nov 2023
Installation Information			
Method of Implementation (Organic): Original Equipment Manufacturer (OEM)/Organic			Installation Quantity: 94
Footnotes:			
(8) AC/MC-130J Spares include initial spares, readiness spares packages, and base operating spares to meet the delivery rate of operationally fielded aircraft at 2 AC-130J and 5 MC-130J Operating Bases.			
(9) Simulator/trainers procurement supports modifications to Weapon System Trainers (WST) and Enhanced/Integrated Cockpit Station Trainers (E/ICST) for AC/MC-130J over multiple operating and training bases.			
(10) PMA Government costs cover Advisory and Assistance Services (A&AS) support at multiple Government organizations as well as general Cost of Doing Business (CODB) expenses in direct support of the RFCM program.			
(11) Other Government costs specifically covers CODB for SOCOM Detachment 1 in support of RFCM test and evaluation activities.			
(12) Low Rate Initial Production (LRIP) was awarded as a Fixed-Price Award Fee contract. This line is the award fee pool for LRIP items.			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command	Date: May 2021
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Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 3 / AC-130J (PSP Retrofit)
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	212.622	33.798	35.052	24.684	-	24.684
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	212.622	33.798	35.052	24.684	-	24.684
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	212.622	33.798	35.052	24.684	-	24.684

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

Description:

This modification program prepares the MC-130J aircraft for Precision Strike Package (PSP) integration. A total of 37 MC-130Js will be modified with the PSP to provide the AC-130J close air support, air interdiction, and armed reconnaissance capability in accordance with the Capability Production Document (CPD) for AC-130J. AC-130J CPD defines a 37 MC-130J aircraft program.

Note: Quantity is 38 due to loss of aircraft 1. Total inventory at end of program will be 37 aircraft.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 3 / AC-130J (PSP Retrofit)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: AC-130J			Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 170.500	- / 29.512	- / 4.629	- / -	- / -	- / -	
Procurement							
<i>Modification Item 1 of 1:</i> AC-130J PSP Retrofit							
A Kits							
Recurring							
Aircraft Kits	28 / 134.669	5 / 30.212	5 / 32.132	- / -	- / -	- / -	
Aircraft Modifications Overseas Contingency Operations (OCO)	1 / 5.024	- / -	- / -	- / -	- / -	- / -	
Integration	- / -	- / -	- / -	- / 19.022	- / -	- / 19.022	
Other Governmental Costs	- / 35.055	- / 3.586	- / 2.920	- / 5.662	- / -	- / 5.662	
Other Governmental Costs (OCO)	- / 1.476	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Recurring</i>	<i>- / 176.224</i>	<i>- / 33.798</i>	<i>- / 35.052</i>	<i>- / 24.684</i>	<i>- / -</i>	<i>- / 24.684</i>	
Non-Recurring							
Prior Year Funding	- / 36.398	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Non-Recurring</i>	<i>- / 36.398</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
<i>Subtotal: AC-130J PSP Retrofit</i>	<i>- / 212.622</i>	<i>- / 33.798</i>	<i>- / 35.052</i>	<i>- / 24.684</i>	<i>- / -</i>	<i>- / 24.684</i>	
<i>Subtotal: Procurement, All Modification Items</i>	<i>- / 212.622</i>	<i>- / 33.798</i>	<i>- / 35.052</i>	<i>- / 24.684</i>	<i>- / -</i>	<i>- / 24.684</i>	
Installation							
<i>Subtotal: Installation</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
Total							
Total Cost (Procurement + Support + Installation)	212.622	33.798	35.052	24.684	-	24.684	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	
Modification Number / Title: 3 / AC-130J (PSP Retrofit)			
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: AC-130J PSP Retrofit			
Manufacturer Information			
Manufacturer Name: Lockheed Martin		Manufacturer Location: Lexington, KY	
Administrative Leadtime (<i>in Months</i>): 1		Production Leadtime (<i>in Months</i>): 10	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Nov 2019	Nov 2020	Nov 2021
Delivery Dates	Sep 2020	Sep 2021	Sep 2022
Installation Information			
Method of Implementation (Organic): Modification Line		Installation Quantity: 38	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 4 / MC-130J Airborne Mission Networking (AbMN)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	8.217	7.866	16.966	22.701	-	22.701
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	8.217	7.866	16.966	22.701	-	22.701
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	8.217	7.866	16.966	22.701	-	22.701

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	1.244	-	0.636	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

This program procures the Special Operations Forces (SOF)-unique mission equipment (radios, computers, network hardware, displays, antennas, software, etc.) and aircraft modifications required to integrate the Airborne Mission Networking (AbMN) system on MC-130J aircraft. AbMN provides a suite of integrated situational awareness and communication tools providing the crew with a correlated common operating picture of the air and ground battlespace that does not currently exist in SOF mobility aircraft. AbMN reduces MC-130J crew workload requirements to execute clandestine SOF insertion/extraction, aerial refueling, and airdrop missions previously performed by five crew members on the MC-130H Combat Talon II.

Program will competitively award a Full Rate Production (FRP) contract for kit procurement in FY23.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 4 / MC-130J Airborne Mission Networking (AbMN)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: MC-130J			Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 38.908	- / 2.592	- / 2.688	- / -	- / -	- / -	
Procurement							
<i>Modification Item 1 of 1:</i> MC-130J Airborne Mission Networking (AbMN)							
A Kits							
Recurring							
MC-130J Aircraft Kits Group A&B ⁽¹³⁾	- / 3.494	2 / 2.464	4 / 4.882	4 / 4.980	- / -	4 / 4.980	
MC-130J Aircraft Modifications (Labor)	- / -	- / 15.202	- / 10.170	- / 17.444	- / -	- / 17.444	
<i>Subtotal: Recurring</i>	- / 3.494	- / 7.666	- / 15.052	- / 22.424	- / -	- / 22.424	
B Kits							
Non-Recurring							
MC-130J Initial Spares ⁽¹⁴⁾	- / 1.244	- / -	- / 0.636	- / -	- / -	- / -	
<i>Subtotal: Non-Recurring</i>	- / 1.244	- / -	- / 0.636	- / -	- / -	- / -	
<i>Subtotal: MC-130J Airborne Mission Networking (AbMN)</i>	- / 4.738	- / 7.666	- / 15.688	- / 22.424	- / -	- / 22.424	
<i>Subtotal: Procurement, All Modification Items</i>	- / 4.738	- / 7.666	- / 15.688	- / 22.424	- / -	- / 22.424	
Support (All Modification Items)							
Other Government Costs ⁽¹⁵⁾	- / 0.879	- / 0.200	- / 1.278	- / 0.277	- / -	- / 0.277	
System Integration Lab Kit	- / 2.600	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Support</i>	- / 3.479	- / 0.200	- / 1.278	- / 0.277	- / -	- / 0.277	
Installation							
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	
Total							
Total Cost (Procurement + Support + Installation)	8.217	7.866	16.966	22.701	-	22.701	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1		P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:	
Modification Item 1 of 1: MC-130J Airborne Mission Networking (AbMN)			
Manufacturer Information			
Manufacturer Name: Sierra Nevada Corporation (SNC) LRIP Kits		Manufacturer Location: Centennial, CO	
Administrative Leadtime (<i>in Months</i>): 1		Production Leadtime (<i>in Months</i>): 12	
Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Dec 2019	Dec 2020	Dec 2021
Delivery Dates	Dec 2020	Dec 2021	Dec 2022
Installation Information			
Method of Implementation (Organic): Original Equipment Manufacturer (OEM)/Organic		Installation Quantity: 7	
Method of Implementation (Organic): Modification Line		Installation Quantity: 48	
Footnotes:			
(13) MC-130J Aircraft Kits Group A&B will procure one additional kit in FY23 to reduce risk for kit availability due to 12-month lead time.			
(14) Spares include initial spares, readiness spares packages, and base operating spares to meet the delivery rate of operationally fielded aircraft at 5 MC-130J Operating Bases.			
(15) Other Government costs specifically covers cost of doing business in support of AbMN procurement and modification activities.			

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 5 / C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6.462	8.964	29.389	36.958	-	36.958
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	6.462	8.964	29.389	36.958	-	36.958
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	6.462	8.964	29.389	36.958	-	36.958

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	1.382	-	8.752	3.341	-	3.341
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

This program procures the MC-130 SOF common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) or APQ-187 and aircraft modifications required to integrate the subsystem on MC-130J aircraft. The TF/TA SKR subsystem provides SOF common low probability of intercept/low probability of detection capabilities to defeat advanced passive detection threats while maintaining the ability to fly safely.

The SKR program office awarded a 3-year contract in FY 2021 which stabilized the procurement price of the radar. This budget request includes updated unit cost and quantities made possible by the use of a FY 2021 through FY 2023 Multi Year Procurement (MYP) contract. This MYP accounts for SKR purchases for the MH-47, MH-60, CV-22 and MC-130J aircraft. CV-22 and Rotary Wing quantities and budget request are included in the CV-22 modification and Rotary Wing exhibits.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 5 / C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: AC/MC-130J			Modification Type: System Upgrade			Related RDT&E PEs: 1160403BB	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
RDT&E PE #							
1160403BB	- / 157.328	- / 5.668	- / 2.362	- / 2.095	- / -	- / 2.095	
Procurement							
Modification Item 1 of 1: C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR) ⁽¹⁶⁾							
A Kits							
Recurring							
MC-130J Aircraft Kits	3 / 4.050	2 / 3.121	4 / 7.641	6 / 9.242	- / -	6 / 9.242	
MC-130J Aircraft Modifications (Labor)	- / -	- / 1.144	- / 2.335	- / 4.463	- / -	- / 4.463	
Subtotal: Recurring	- / 4.050	- / 4.265	- / 9.976	- / 13.705	- / -	- / 13.705	
B Kits							
Recurring							
MC-130J TF/TA (Silent Knight) Radar/APQ-187	- / -	- / -	4 / 8.868	8 / 18.091	- / -	8 / 18.091	
Subtotal: Recurring	- / -	- / -	- / 8.868	- / 18.091	- / -	- / 18.091	
Non-Recurring							
MC-130J Initial Spares ⁽¹⁷⁾	- / 1.382	- / -	- / 8.752	- / 3.341	- / -	- / 3.341	
Subtotal: Non-Recurring	- / 1.382	- / -	- / 8.752	- / 3.341	- / -	- / 3.341	
Subtotal: C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)	- / 5.432	- / 4.265	- / 27.596	- / 35.137	- / -	- / 35.137	
Subtotal: Procurement, All Modification Items	- / 5.432	- / 4.265	- / 27.596	- / 35.137	- / -	- / 35.137	
Support (All Modification Items)							
Simulators/Training Systems ⁽¹⁸⁾	- / -	- / 3.857	- / -	- / -	- / -	- / -	
Other Government Costs ⁽¹⁹⁾	- / 0.512	- / 0.481	- / 1.251	- / 1.179	- / -	- / 1.179	
Interim Contractor Support (Labor)	- / 0.400	- / 0.361	- / 0.500	- / 0.600	- / -	- / 0.600	
Peculiar Support Equipment ⁽²⁰⁾	- / 0.118	- / -	- / 0.042	- / 0.042	- / -	- / 0.042	
Subtotal: Support	- / 1.030	- / 4.699	- / 1.793	- / 1.821	- / -	- / 1.821	
Installation							
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	
Total							

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 5 / C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Models of Systems Affected: AC/MC-130J	Modification Type: System Upgrade	Related RDT&E PEs: 1160403BB
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Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Cost (Procurement + Support + Installation)	6.462	8.964	29.389	36.958	-	36.958

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 5 / C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 1: C-130 SOF Common Terrain Following/Terrain Avoidance (TF/TA) Silent Knight Radar (SKR)

Manufacturer Information

Manufacturer Name: Lockheed Martin (LRIP)	Manufacturer Location: Marietta, GA
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Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 14
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Dates	FY 2020	FY 2021	FY 2022
Contract Dates	Nov 2019	Feb 2021	
Delivery Dates	Jan 2021	Apr 2022	

Manufacturer Name: Competitive Award (FRP)	Manufacturer Location: TBD
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2020	FY 2021	FY 2022
Contract Dates			Jun 2022
Delivery Dates			

Installation Information

Method of Implementation (Organic): Original Equipment Manufacturer (OEM)/Organic	Installation Quantity: 9
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Method of Implementation (Organic): Modification Line	Installation Quantity: 28
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Footnotes:

- (16) This budget request includes funding to support a FY 2021 through FY 2023 Multi-Year Procurement (MYP) for the SOF Common TF/TA SKR program.
- (17) Spares include initial spares, readiness spares packages, and base operating spares to meet the delivery rate of operationally fielded aircraft at 5 MC-130J Operating Bases.
- (18) Simulator/trainers supports modifications to Enhanced/Integrated Cockpit Station Trainers (E/ICST) for MC-130J over multiple operating and training bases using an overarching multiyear IDIQ contract.
- (19) Other Government costs specifically covers cost of doing business in support of the Common TF/TA Radar procurement and modification activities.
- (20) Peculiar Support equipment procurements provides for the installation, removal, and repair of the TF/TA SKR and associated Line Replaceable Units (LRU).

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 6 / AC/MC-130J Defensive System Upgrades (DSU)

ID Code (A=Service Ready, B=Not Service Ready) :			MDAP/MAIS Code:			
Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	16.200	4.717	2.683	5.480	-	5.480
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	16.200	4.717	2.683	5.480	-	5.480
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	16.200	4.717	2.683	5.480	-	5.480
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

Description:

Defensive Systems Upgrade (DSU) corrects operational shortfalls in the defensive systems (AAR-47, ALR-56M, and ALE-47) on AC/MC-130J aircraft and trainers, and provides SOF unique defensive capabilities by permanently removing these systems from the aircraft's operational flight program and single control unit, and installs federated controls at the Combat Systems Operator (CSO) station. This program is in full rate production for DSU kits, installation on AC/MC-130 aircraft and modification of Weapon System Trainers. A total of 94 DSU kits will be installed on 37 AC-130Js and 57 MC-130Js.

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command						Date: May 2021	
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1			P-1 Line Item Number / Title: 2012C130J / AC/MC-130J			Modification Number / Title: 6 / AC/MC-130J Defensive System Upgrades (DSU)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Models of Systems Affected: AC/MC-130J			Modification Type: System Upgrade			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement							
<i>Modification Item 1 of 1:</i> AC/MC-130J Defensive System Upgrades (DSU)							
B Kits							
Recurring							
AC/MC-130J DSU Kits ⁽²¹⁾	- / 6.534	- / -	- / -	10 / 1.800	- / -	10 / 1.800	
AC/MC-130J Aircraft Modifications (Labor)	32 / 7.443	- / 3.010	5 / 1.500	- / 1.500	- / -	- / 1.500	
Government Furnished Equipment	- / 0.930	- / 0.264	- / 0.283	- / 0.212	- / -	- / 0.212	
<i>Subtotal: Recurring</i>	<i>- / 14.907</i>	<i>- / 3.274</i>	<i>- / 1.783</i>	<i>- / 3.512</i>	<i>- / -</i>	<i>- / 3.512</i>	
<i>Subtotal: AC/MC-130J Defensive System Upgrades (DSU)</i>	<i>- / 14.907</i>	<i>- / 3.274</i>	<i>- / 1.783</i>	<i>- / 3.512</i>	<i>- / -</i>	<i>- / 3.512</i>	
<i>Subtotal: Procurement, All Modification Items</i>	<i>- / 14.907</i>	<i>- / 3.274</i>	<i>- / 1.783</i>	<i>- / 3.512</i>	<i>- / -</i>	<i>- / 3.512</i>	
Support (All Modification Items)							
Other Government Costs ⁽²²⁾	- / 1.293	- / 0.445	- / 0.400	- / 0.424	- / -	- / 0.424	
Simulators/Training Systems ⁽²³⁾	- / -	- / 0.998	- / 0.500	- / 1.544	- / -	- / 1.544	
<i>Subtotal: Support</i>	<i>- / 1.293</i>	<i>- / 1.443</i>	<i>- / 0.900</i>	<i>- / 1.968</i>	<i>- / -</i>	<i>- / 1.968</i>	
Installation							
<i>Subtotal: Installation</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
Total							
Total Cost (Procurement + Support + Installation)	16.200	4.717	2.683	5.480	-	5.480	

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Exhibit P-3a, Individual Modification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1	P-1 Line Item Number / Title: 2012C130J / AC/MC-130J	Modification Number / Title: 6 / AC/MC-130J Defensive System Upgrades (DSU)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 1: AC/MC-130J Defensive System Upgrades (DSU)

Manufacturer Information

Manufacturer Name: SOFSA	Manufacturer Location: Lexington, KY
Administrative Leadtime (in Months):	Production Leadtime (in Months): 10

Dates	FY 2020	FY 2021	FY 2022
Contract Dates			Jan 2022
Delivery Dates			Oct 2022

Installation Information

Method of Implementation (Organic): Modification Line	Installation Quantity: 94
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Footnotes:

- (21) DSU kit procurements occur every other year (FY22, FY24, FY26) due to efficiencies gained in bulk kit buys of 10 or more kits achieving a 20% savings versus annual kit procurements. AC/MC-130J DSU aircraft modifications will continue to occur each year as part of the larger modification line.
- (22) Other Government costs specifically covers cost of doing business in support of DSU procurement and modification activities.
- (23) Simulator/trainers supports modifications to Enhanced/Integrated Cockpit Station Trainers (E/ICST) for MC-130J over multiple operating and training bases using an overarching multiyear indefinite delivery indefinite quantity contract.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 2012C130J / AC/MC-130J **Aggregated Items Title:** AC/MC-130J Systems

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - Mission Training Preparation Systems (MTPS)																				
1.1 / AC-130J Fuselage Trainer			-	-	20.145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2 / Gun Training Room			-	-	7.400	7.748	1	7.748	-	-	-	-	-	-	-	-	-	-	-	-
1.3 / Weapons Load Trainer			-	-	7.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4 / Aft Cabin Trainer			-	-	7.325	8.058	2	16.116	-	-	-	-	-	-	-	-	-	-	-	-
1.5 / Long Lead Material			-	-	8.276	3.105	1	3.105	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1 - Mission Training Preparation Systems (MTPS)			-	-	50.689	-	-	26.969	-	-	-	-	-	-	-	-	-	-	-	-
2 - MC-130J Block 16 Upgrades																				
2.1 / Recurring Hardware			-	-	10.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2 - MC-130J Block 16 Upgrades			-	-	10.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 - MC-130J Auxiliary Flight Deck Station																				
3.1 / MC-130J Aircraft Kits			-	-	0.730	-	-	-	0.341	4	1.363	0.345	7	2.417	-	-	-	0.345	7	2.417
3.2 / MC-130J Aircraft Modifications (Labor)			-	-	-	-	-	-	-	-	1.132	-	-	1.977	-	-	-	-	-	1.977
Subtotal: 3 - MC-130J Auxiliary Flight Deck Station			-	-	0.730	-	-	-	-	-	2.495	-	-	4.394	-	-	-	-	-	4.394
4 - AC/MC-130J Tanker																				
4.1 / AC/MC-130J Weight Management			-	-	4.573	-	-	-	-	-	-	-	-	2.200	-	-	-	-	-	2.200
4.2 / MC-130J Variable Speed Drogue Hardware			-	-	-	-	-	2.150	-	-	2.128	-	-	0.829	-	-	-	-	-	0.829
Subtotal: 4 - AC/MC-130J Tanker			-	-	4.573	-	-	2.150	-	-	2.128	-	-	3.029	-	-	-	-	-	3.029
Prior Year																				
Completed Efforts			-	-	38.093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Prior Year			-	-	38.093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	104.384	-	-	29.119	-	-	4.623	-	-	7.423	-	-	-	-	-	7.423

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 5000C13000 / C-130 MODIFICATIONS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160404BB, 1160427BB
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,536.498	16.461	17.014	13.373	-	13.373	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,536.498	16.461	17.014	13.373	-	13.373	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,536.498	16.461	17.014	13.373	-	13.373	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	8.338	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The C-130 Modifications line item funds Special Operations Forces (SOF) unique modifications and rapid fielding to various SOF models of the C-130 aircraft and associated training systems. Program is comprised of modifications generated from mission performance deficiencies, logistics challenges, and evaluation of emerging technologies. United State Special Operations Command funds the procurement of SOF-peculiar systems such as electronic warfare and survivability, communication, situational awareness, training, intelligence surveillance and reconnaissance, weapons integration, and low-cost modifications into the SOF C-130 fleet. These capabilities will be pursued via rapid fielding techniques when appropriate.

The FY 2022 funding request was reduced by \$0.703 million to account for the availability of prior year execution balances.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs **P-1 Line Item Number / Title:** 5000C13000 / C-130 MODIFICATIONS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160403BB, 1160404BB, 1160427BB

Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-130 Modification				- / 2,536.498	- / 16.461	- / 17.014	- / 13.373	- / -	- / 13.373
P-40	Total Gross/Weapon System Cost				- / 2,536.498	- / 16.461	- / 17.014	- / 13.373	- / -	- / 13.373

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.
 Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 1. C-130 Modifications:
 1.0 C-130 Low Cost Modifications (LCM). Minor modifications to MC-130H/J, AC-130W/U/J and EC-130J aircraft SOF-unique equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, incorporate mission enhancements, and critical safety changes. Modifications include but are not limited to: radar upgrades, avionics and display upgrades, sensor installations and upgrades, intelligence collection and dissemination capabilities, communication systems, mechanical and electrical modifications, and weapons integration. Current and planned projects include, but are not limited to, MC-130J Paratroop door armor, MC-130J Air Refuel pod Common Configuration, MC-130J Loadmaster Signal Lights, MC-130J Extended Tunnel Upgrade Liner, MC-130J Cottonmouth Permanent, MC-130J Microvanes, and MC-130J Ultra High Frequency DropSonde receiver Permanent.
 FY 2022 BASE PROGRAM JUSTIFICATION: Continues minor LCM to SOF C-130 equipment.
 1.1 C-130 Avionics Modifications. This program replaces various SOF C-130 avionics systems across the SOF C-130 fleet. Projects may include, but are not limited to; Global Positioning System Hardening improvements, EC-130J Defensive Systems Upgrade, Tactical Battlefield Communications and Weight and Balance (W&B) modifications. In FY22, MC-130J W&B funding was transferred to AC/MC-130J P-1 line item because it supports MC-130J Capability Release 2 weight and balance or center of gravity modifications.
 1.2 Simulator Block Upgrades (SBUD). The C-130 SBUD program modernizes, modifies, and sustains C-130 aircrew and maintenance training device and capabilities by addressing concurrency, obsolescence, and fidelity training issues. The C-130 weapon systems possessing aircrew and maintenance training devices include the AC-130J, AC-130W, EC-130J, MC-130H and MC-130J.
 FY 2022 BASE PROGRAM JUSTIFICATION: The SBUD program continues to address obsolescence and procure modifications to C-130 aircrew and maintenance training devices to sustain and improve training capabilities.
 1.3 EC-130J Upgrade Modifications. This program funds modifications to the EC-130J aircraft. Current modifications include but are not limited to the EC-130J Link 16 modification.
 1.4 Enhanced Situational Awareness (ESA). Integrates carry-on communication kit on MC-130J aircraft to enhance situational awareness.
 2. EC-130J Commando Solo (CSOLO). CSOLO supports combat operations by flying Military Information Support Operations (MISO) missions for the purpose of broadcasting radio and/or television signals deep into denied territory. This program previously funded the Removable Airborne MISO System (RAMS) and then transitioned to the Multi-Mission Platform – Heavy (MMP-H) system.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1 **P-1 Line Item Number / Title:** 5000C13000 / C-130 MODIFICATIONS **Aggregated Items Title:** C-130 Modification

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - C-130 Modification																				
1.0 / Low Cost Modifications (LCM)			-	-	85.717	-	-	3.337	-	-	2.595	-	-	2.723	-	-	-	-	-	2.723
1.1 / Avionics Modifications			-	-	74.857	-	-	-	-	-	4.787	-	-	-	-	-	-	-	-	-
1.2 / Simulator Block Upgrades (SBUD)			-	-	69.230	-	-	11.955	-	-	8.853	-	-	10.650	-	-	-	-	-	10.650
1.3 / EC-130J Upgrades			-	-	5.849	-	-	1.169	-	-	0.779	-	-	-	-	-	-	-	-	-
1.4 / Enhanced Situational Awareness (ESA)			-	-	1.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1 - C-130 Modification			-	-	236.748	-	-	16.461	-	-	17.014	-	-	13.373	-	-	-	-	-	13.373
2 - EC-130J Commando SOLO																				
2.1 / Multi-Mission Platform - Heavy (MMP-H)			-	-	1.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2 - EC-130J Commando SOLO			-	-	1.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 - Prior Year																				
3.1 / Initial Spares			-	-	8.338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2 / Prior Year Funding			-	-	2,281.419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3 / Prior Year Funding - Congressional Add			-	-	5.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4 / Prior Year Funding - Overseas Contingency Operations (OCO)			-	-	3.750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3 - Prior Year			-	-	2,298.707	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	2,536.498	-	-	16.461	-	-	17.014	-	-	13.373	-	-	-	-	-	13.373

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 2: Shipbuilding	P-1 Line Item Number / Title: 2010US / UNDERWATER SYSTEMS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160483BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	345.226	58.942	20.556	17.227	-	17.227	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	345.226	58.942	20.556	17.227	-	17.227	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	345.226	58.942	20.556	17.227	-	17.227	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	14.619	3.187	2.581	0.536	-	0.536	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Underwater Systems line item procures dry and wet combat submersibles, Combatant Craft Light (CCL), modifications and field changes to the Dry Deck Shelter (DDS), and various systems and components for Special Operations Forces (SOF) Combat Diving. Current acquisition procurement programs of record are the Shallow Water Combat Submersible (SWCS), currently fulfilled by the SEAL Delivery Vehicle Mark 11 (SDV MK 11), Dry Combat Submersible (DCS), SOF Combat Diving, DDS, and CCL. SDV MK 11 (SWCS) is the next generation free-flooding combat submersible that transports SOF personnel and their combat equipment in a variety of missions. SOF units require specialized underwater systems that improve their warfighting capability and survivability in harsh operating environments. The DCS will provide the capability to insert and extract SOF and/or payloads into denied areas from strategic distances. The program is structured to minimize technical, cost, and schedule risks by leveraging commercial technologies, procedures, and classing methods to achieve an affordable DCS. CCL is a small combatant craft capable of supporting SOF operators for selected missions in multiple threat environments. SOF Combat Diving supports the unique requirements impacting fully equipped operators while conducting underwater, real-world missions; examples include underwater navigation equipment, diving equipment, and underwater propulsion systems. These systems and equipment are used for infiltration/extraction, reconnaissance, beach obstacle clearance, and other missions. The capabilities of submersible systems and unique equipment provides small, highly trained forces the ability to successfully engage the enemy and conduct operations associated with SOF maritime missions. These capabilities will be pursued via rapid fielding techniques when appropriate.

The FY 2022 funding request was reduced by \$ 0.918 million to account for the availability of prior year execution balances.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 2: Shipbuilding **P-1 Line Item Number / Title:** 2010US / UNDERWATER SYSTEMS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160483BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Underwater Systems				- / 345.226	- / 58.942	- / 20.556	- / 17.227	- / -	- / 17.227
P-40	Total Gross/Weapon System Cost				- / 345.226	- / 58.942	- / 20.556	- / 17.227	- / -	- / 17.227

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. DDS: The DDS is a certified diving system that attaches to modified host submarines and provides for insertion of SOF forces and platforms. United States Special Operations Command (USSOCOM) has a cost share agreement with the Navy to support the modernization of the DDS in order to accommodate current and future Naval Special Warfare payloads, as well as large U.S. Navy payloads.

FY 2022 BASE PROGRAM JUSTIFICATION: Funding increase is required to support the DDS modernization effort, including the relocation of equipment inside the DDS Hangar to support current and future payloads. Funding is based on the cost share agreement Memorandum of Agreement (MOA) with USSOCOM and Navy for the Follow-On Modernized DDS units. Funding also includes field changes for product improvements developed to overcome obsolescence and Diminishing Manufacturing Sources and Material Shortages (DMSMS).
2. SWCS: SWCS is a free-flooding combat submersible mobility platform suitable for transporting and deploying SOF and their payloads for a variety of SOF missions. SWCS will be deployable from a DDS, surface ships, and land. SWCS program is transitioning to SDV in FY22 to better align with historical terminology and material solution.
3. SDV: SDV MK 11 is a free-flooding combat submersible mobility platform suitable for transporting and deploying SOF and their payloads for a variety of SOF missions. SDV MK 11 will be deployable from a DDS, surface ships, and land.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures Engineering Change Proposals (ECPs), detachment deployment packages, and initial spares.
4. DCS: The DCS provides SOF with a dry diver lock-in and lock-out capability that transports personnel and their combat equipment in hostile waters for a variety of missions.

FY 2022 BASE PROGRAM JUSTIFICATION: Purchases Government Furnished Equipment (GFE), ECPs, system integration lab, and simulator.
5. SOF Combat Diving: This program integrates Combat Diving Equipment with all Undersea Systems and Platforms associated with SOF missions. SOF Combat Diving is designated a Middle Tier of Acquisition (MTA) program which uses the rapid fielding pathway.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures deployment equipment, spares, ECPs, system integration, and product improvements to overcome obsolescence.
6. CCL: The CCL is a small maritime combatant craft that supports deployment of six combat equipped SOF operators and their payloads for selected missions in multiple threat environments. Its compact form factor provides SOF with versatile mission transportability, deployment, and utility capabilities.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 2						P-1 Line Item Number / Title: 2010US / UNDERWATER SYSTEMS						Aggregated Items Title: Underwater Systems								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - Dry Deck Shelter (DDS)																				
1.1 / Modifications/Field Changes ⁽¹⁾			-	-	54.791	-	-	18.117	-	-	8.519	-	-	10.771	-	-	-	-	-	10.771
Subtotal: 1 - Dry Deck Shelter (DDS)			-	-	54.791	-	-	18.117	-	-	8.519⁽²⁾	-	-	10.771	-	-	-	-	-	10.771
2 - Shallow Water Combat Submersible (SWCS)																				
2.1 / Article Systems			-	-	58.000	15.000	2	30.000	-	-	-	-	-	-	-	-	-	-	-	-
2.2 / Gov't Furnished Equipment (GFE)/ Engineering Change Proposals (ECP) & Detachment Deployment Packages			-	-	27.595	-	-	3.975	-	-	4.045	-	-	-	-	-	-	-	-	-
2.3 / Initial Spares			-	-	9.517	-	-	2.561	-	-	2.581	-	-	-	-	-	-	-	-	-
Subtotal: 2 - Shallow Water Combat Submersible (SWCS)			-	-	95.112	-	-	36.536	-	-	6.626	-	-	-	-	-	-	-	-	-
3 - SEAL Delivery Vehicle (SDV)																				
3.1 / GFE/ECP & Detachment Deployment Packages (DDP)			-	-	-	-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	1.500
3.2 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	0.536	-	-	-	-	-	0.536
Subtotal: 3 - SEAL Delivery Vehicle (SDV)			-	-	-	-	-	-	-	-	-	-	-	2.036	-	-	-	-	-	2.036
4 - Dry Combat Submersible (DCS)																				
4.1 / Article System & Minor Modifications			-	-	85.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2 / Initial Spares			-	-	5.102	-	-	0.626	-	-	-	-	-	-	-	-	-	-	-	-
4.3 / GFE/ECP/ System Integration Lab/Simulator ⁽³⁾			-	-	23.692	-	-	2.383	-	-	1.249	-	-	1.244	-	-	-	-	-	1.244
Subtotal: 4 - Dry Combat Submersible (DCS)			-	-	113.818	-	-	3.009	-	-	1.249	-	-	1.244	-	-	-	-	-	1.244
5 - SOF Combat Diving																				
5.1 / SOF Combat Diving ⁽⁴⁾			-	-	3.534	0.027	48	1.280	0.032	39	1.237	0.036	88	3.176	-	-	-	0.036	88	3.176
Subtotal: 5 - SOF Combat Diving			-	-	3.534	-	-	1.280	-	-	1.237	-	-	3.176	-	-	-	-	-	3.176
6 - Combatant Craft Light (CCL)																				
6.1 / Craft Systems			-	-	-	-	-	-	0.975	3	2.925	-	-	-	-	-	-	-	-	-
Subtotal: 6 - Combatant Craft Light (CCL)			-	-	-	-	-	-	-	-	2.925	-	-	-	-	-	-	-	-	-
Prior Years																				
5 / Prior Years			-	-	77.971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 2 **P-1 Line Item Number / Title:** 2010US / UNDERWATER SYSTEMS **Aggregated Items Title:** Underwater Systems

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Subtotal: Prior Years			-	-	77.971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	345.226	-	-	58.942	-	-	20.556	-	-	17.227	-	-	-	-	-	17.227

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

- (1) DDS modernization is currently a 68/32 cost share between SOCOM MFP-11 and Department of the Navy MFP-2. The initial Modernized DDS is projected to be \$48.100 million. The Modernization of the remaining shelters is projected to cost \$25.000 million each. The current plan is to modernize three of the DDS over the FYDP. We will be modernizing the second shelter in FY22 thru FY23 and then the third shelter in FY24 thru FY25.
- (2) FY21 Defense Wide Review (DWR) -8.000 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced DDS modifications and field changes.
- (3) DCS ECPs include the install of depressurization pump and mid-water lock-in lock-out, enhancements to the system integration lab and desktop simulator. Funding will also procure new DCS transporters.
- (4) SOF Combat Diving quantities are a combination of Maritime Environmental Protection, Navigation, Propulsion, and Communication.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 3: Ammunition Programs	P-1 Line Item Number / Title: 0203ORD / ORDNANCE ITEMS <\$5M
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB, 1160481BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,342.502	402.899	289.652	168.072	-	168.072	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,342.502	402.899	289.652	168.072	-	168.072	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,342.502	402.899	289.652	168.072	-	168.072	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds ordnance items, munitions, small/medium/large caliber ammunition, demolitions, pyrotechnics, explosive initiation devices, underwater munitions, grenades, foreign weapons and ammunition, air delivered munitions, precision guided munitions, and rockets for Special Operations Forces (SOF). Ammunition provided will allow SOF components to accomplish the required rapid fielding, annual training, and support required combat missions, and build toward the required war reserve quantities. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$138.252 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$105.355 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$168.072 million Base with \$23.598 million Direct War and \$16.850 million for Enduring Costs in the Base Budget.

FY 2022 Fiscal Balancing -\$48.301 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.

-\$29.701 million Air Delivered Munitions

-\$4.600 million Small Caliber Bullets

-\$14.000 million Stand-Off Precision Guided Munitions

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA
3: Ammunition Programs

P-1 Line Item Number / Title:
0203ORD / ORDNANCE ITEMS <\$5M

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160431BB, 1160481BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	ORDNANCE ITEMS <\$5M				- / 1,342.502	- / 402.899	- / 289.652	- / 168.072	- / -	- / 168.072
P-40	Total Gross/Weapon System Cost				- / 1,342.502	- / 402.899	- / 289.652	- / 168.072	- / -	- / 168.072

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. Air Delivered Munitions. Program provides AC-130 gunship munitions to include several tactical and training configurations of the 105mm, 30mm, and fuzes, including the associated safety certification, Insensitive Munitions (IM) qualification, production engineering and transportation.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures and qualifies air delivered ammunition to meet mission requirements required to maintain AC-130 Gunship crew mission-related readiness skills and provides combat mission support. Procures several tactical and training configurations of 105mm and 30mm ammunition. Due to differences in complexity and/or materials of these configurations, the Unit Costs can vary considerably by item. In addition, for some 30mm capabilities, the cost to SOCOM is a modification/re-pack of a Service Common Munition, which is a much lower cost (~\$15-\$30) than a complete Munition (~\$130-\$175). Replenishes munitions expended in real-world events and training. Actual quantities vary depending on training requirements.

FY 2022 Fiscal Balancing -\$29.701 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces the procurement of Explosive (HE) and High Explosive High Fragmentation (HE/HF) 105mm cartridges.

2. Small Caliber Bullets. Provides barrel launched munitions including the associated safety certification, IM qualification, production engineering and transportation. Provides several tactical and training configurations of U.S. and non-standard foreign munitions, weapons and related equipment, in calibers of 4.6mm, 5.45mm, 5.56mm, 6.5mm, .260, 7.62mm, .300, .338, 9mm, .357, .380, .40, .44, .45, .50, 12.7mm, 14.7mm, 12 gauge, 25mm, 40mm, 60mm, 64mm, 66mm, 81mm, 84mm, 105mm, 4.2", 107mm, 120mm, 155mm, rocket propelled grenades and other calibers as required.

FY 2022 BASE PROGRAM JUSTIFICATION: Funding procures the following munitions: Handgun, Rifle, Sniper Rifle, and Machine Gun (all types of 5.56mm, 7.62mm, 40mm, .300 WM, .50 Caliber, .260, 6.5MM, .300NM, and .338NM); replenishes munitions expended in real-world events and training. Procures various types of Non-Standard foreign ammunition. Actual quantities vary depending on training requirements.

FY 2022 DIRECT WAR PROGRAM JUSTIFICATION: Procures 280,000 Light Weight Machine Gun medium.

FY 2022 Fiscal Balancing -\$4.600 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces the procurement of 5.56mm and 7.62mm Close Combat Blank System (CCBS) rounds.

3. Demolition, Breaching and Pyrotechnics. Provides Demolition, Breaching and Pyrotechnics munitions including the associated safety certification, IM qualification, production engineering and transportation. Provides several tactical and training configurations of munitions and related equipment of explosively formed penetrators, conical shape charges, linear shaped charges, diversionary devices, demolition hand grenades, breaching devices, explosives, firing devices, underwater munitions, flares, signaling devices, along with tools, equipment, and attaching devices for constructing and emplacing a variety of demolition charges and other munitions as required. Maritime Scalable Effects and the Maritime Disablement Program will provide Naval Special Warfare (NSW) a family of systems (to include multiple payloads delivered via combat swimmer, combat submersible and Unmanned Underwater Vehicle (UUV) to disrupt, degrade and destroy enemy maritime vessels, maritime support assets and maritime infrastructure via attributable, non-attributable and mis-attributable means. Funding will accelerate upgrades to existing capabilities while at the same time field innovative technologies and creative operational concepts to target adversary vulnerabilities. Directly supports and enables subsea seabed warfare against near peers.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 3: Ammunition Programs		P-1 Line Item Number / Title: 0203ORD / ORDNANCE ITEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB, 1160481BB
Line Item MDAP/MAIS Code: N/A		

FY 2022 BASE PROGRAM JUSTIFICATION: Procures grenades (offensive/smoke), training devices, a variety of demolition materiel consisting of explosives, firing devices, accessories, and flares. Replenishes munitions expended in real-world events and training. Actual quantities vary depending on training requirements.

4. Shoulder Fired Munitions and Rockets. Provides unguided and laser-guided shoulder fired munitions, launchers and rockets, including the associated safety certification, IM qualification, production engineering and transportation. Provides tactical and training configurations of munitions and related equipment providing armored vehicle destruction, bunker and hardened facility destruction, soft target destruction, fire from enclosure, anti-personnel, smoke obscuration, visible and infrared illumination, as well as sub-caliber training devices with back blast simulation. These systems give SOF extended range fires to operate where no artillery, mortar, or armor support is available.

FY 2022 BASE PROGRAM JUSTIFICATION: Replenishes shoulder-fired munitions expended in real-world events and training. Actual quantities vary depending on training requirements.

5. Precision Strike Systems (PSS). Provides a family of precision strike munitions with the ability to rapidly Launch, Fly, Track and Engage stationary and moving targets in a variety of environments. The PSS provide SOF units an organic capability in contested and multi-domain battlefield where close-air support may not be available. Man-packable, crew serve, and vehicle mounted systems with Electro Opti/Infrared (EO/IR) sensor downlink keeps operators in-the-loop. Datalink, global positioning system, and inertial aided guidance extends range beyond laser-guided shoulder launched munitions.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures approximately 20 man-packable guided munitions, 4 man-pack PSS (control kit), 14 vehicle mount/crew served PSS medium range platform launched munitions, and two crew served/vehicle mounted PSS (launcher and/or control kit). Actual quantities may vary based on the fire control units, ground data terminals, and associated support equipment to be supplied.

6. Stand-Off Precision Guided Munitions (SOPGM). Provides Precision Guided Munitions including the associated safety certification, IM qualification, production engineering, transportation, and provides for the integration of service-common and SOF-unique SOPGM munitions onto SOF platforms to support lethal strike and armed over-watch capability on the battlefield. Includes procurement of SOF-peculiar munitions for designated SOF platforms and modification of Service-provided munitions to meet specific SOF mission sets including first-pass lethality, low collateral damage requirements, time-sensitive High Value Targets, Net enable weapons, and dynamic moving targets. This program received OCO funding in FY 2020 and FY 2021.

FY 2022 PROGRAM JUSTIFICATION: Procures approximately 964 SOPGMs, 260 X-Net Radios and 80 Advance Precision Kill Weapon System (APKWS) Sections. Budget enables production of SOF-peculiar and Service-provided modified munitions. Production enhances operational planning flexibility and war reserve materiel inventories. The X-Net radio capability enables the SOPGMs to communicate with other networked entities. FY 2021, SOCOM began procuring Laser Small Diameter Bombs (LSDBs) as All Up Rounds (AURs) vice retrofit kits (SDB I + Laser Kit). LSDBs are Service provided (USAF), SOF-modified munitions and are part of the SOPGM Family of Munition (ACAT III) portfolio. Procurement of the LSDB will use a combination of MFP-2 and MFP-11 funds.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures Laser Small Diameter Bombs and munitions.

FY 2022 ENDURING REQUIREMENTS PROGRAM JUSTIFICATION: Procures Hellfire modifications, X-Net radios, munitions, and integration/shipping services.

FY 2022 DIRECT WAR REQUIREMENTS PROGRAM JUSTIFICATION: Procures munitions, Advance Precision Kill Weapon System Sections, Hellfire modifications, and integration/shipping.

FY 2022 Fiscal Balancing -\$14.000 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces the procurement of SOPGMs and associated integration/shipping services.

Note: Munitions unit costs are estimates; the price fluctuates based on quantities of systems procured during the ordering period.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 3 **P-1 Line Item Number / Title:** P-1 Line Item Number / Title: 0203ORD / ORDNANCE ITEMS <\$5M **Aggregated Items Title:** ORDNANCE ITEMS <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1. Air Delivered Munitions																				
1a / 105MM			-	-	77.426	777.50	49,739	38.672	794.00	32,500	25.805	810.46	19,820	16.063	-	-	-	810.46	19,820	16.063
1b / 30MM			-	-	79.771	153.85	39,000	6.000	156.78	39,452	6.185	159.52	23,294	3.716	-	-	-	159.52	23,294	3.716
1c / Prior Years Funding			-	-	64.590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1d / Prior Years Funding - Overseas Contingency Operations (OCO)			-	-	10.769	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1. Air Delivered Munitions			-	-	232.556	-	-	44.672	-	-	31.990	-	-	19.779	-	-	-	-	-	19.779
2. Small Caliber Bullets																				
2a / 40MM			-	-	5.434	44.27	34,989	1.549	46.35	8,577	0.398	48.49	8,613	0.418	-	-	-	48.49	8,613	0.418
2b / Handgun Ammunition			-	-	0.329	0.53	960,377	0.509	0.56	400,000	0.224	0.59	400,000	0.236	-	-	-	0.59	400,000	0.236
2c / Rifle Ammunition			-	-	67.564	1.56	8,653,846	13.500	1.63	7,690,680	12.536	1.70	7,126,471	12.115	-	-	-	1.70	7,126,471	12.115
2d / Machine-Gun Ammunition			-	-	86.902	2.38	8,466,724	20.151	2.45	6,280,974	15.388	2.57	5,836,965	15.001	-	-	-	2.57	5,836,965	15.001
2e / Foreign Ammunition			-	-	19.906	1.18	3,589,473	4.235	1.23	3,094,373	3.806	1.28	3,110,500	3.981	-	-	-	1.28	3,110,500	3.981
2f / Linked Machine-Gun Ammunition			-	-	-	-	-	-	-	-	-	5.93	280,000	1.660	-	-	-	5.93	280,000	1.660
2g / Prior Years Funding - OCO			-	-	0.675	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2. Small Caliber Bullets			-	-	180.810	-	-	39.944	-	-	32.352⁽¹⁾	-	-	33.411	-	-	-	-	-	33.411
3. Demolition, Breaching, and Pyrotechnics																				
3a / Grenade Offensive/Smoke (All Types)			-	-	25.150	111.66	17,946	2.004	113.37	19,884	2.254	115.61	14,884	1.721	-	-	-	115.61	14,884	1.721
3b / Training Devices			-	-	5.734	206.03	8,450	1.741	210.20	7,844	1.649	215.07	7,844	1.687	-	-	-	215.07	7,844	1.687
3c / Explosives, Firing Devices, and Accessories			-	-	50.529	220.52	53,350	11.765	226.33	55,312	12.519	228.70	38,342	8.769	-	-	-	228.70	38,342	8.769
3d / Flares - Two Burst - OCO			-	-	23.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3e / Flares			-	-	12.932	676.05	18,130	12.257	685.88	20,940	14.362	695.12	20,000	13.902	-	-	-	695.12	20,000	13.902
3f / Scalable Effects			-	-	-	-	-	-	-	-	-	-	-	1.025 ⁽²⁾	-	-	-	-	-	1.025 ⁽²⁾
Subtotal: 3. Demolition, Breaching, and Pyrotechnics			-	-	117.345	-	-	27.767	-	-	30.784⁽³⁾	-	-	27.104	-	-	-	-	-	27.104
4. Shoulder-Fired Munitions and Rockets																				
4a / Shoulder-Fired Munitions			-	-	61.587	1,750.20	7,654	13.396	1,763.21	3,239	5.711	1,777.15	2,879	5.116	-	-	-	1,777.15	2,879	5.116

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 3 **P-1 Line Item Number / Title:** 0203ORD / ORDNANCE ITEMS <\$5M **Aggregated Items Title:** ORDNANCE ITEMS <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4b / Prior Years Funding			-	-	42.870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 4. Shoulder-Fired Munitions and Rockets			-	-	104.457	-	-	13.396	-	-	5.711	-	-	5.116	-	-	-	-	5.116	
5. Precision Strike Systems (PSS)																				
5a / Manpackable PSS (rounds) (4)			-	-	-	-	-	-	148,121.00	22	3.259	106,000.00	20	2.120	-	-	-	106,000.00	20	2.120
5b / Manpack PSS (control kit)			-	-	-	-	-	-	111,631.00	3	0.335	32,000.00	4	0.128	-	-	-	32,000.00	4	0.128
5c / Crew-Served PSS (rounds)			-	-	-	-	-	-	-	-	-	142,250.00	10	1.423	-	-	-	142,250.00	10	1.423
5d / Crew-Served PSS (control kit)			-	-	-	-	-	-	-	-	-	26,500.00	2	0.053	-	-	-	26,500.00	2	0.053
5e / Vehicle mount/ crew serve PSS (rounds)			-	-	1.070	-	-	-	214,000.00	11	2.354	217,000.00	4	0.868	-	-	-	217,000.00	4	0.868
5f / Vehicle mount/ crew serve PSS (launcher & control kit)			-	-	1.760	-	-	-	776,222.50	2	1.552	-	-	-	-	-	-	-	-	-
5g / Prior Year Funding - Overseas Contingency Operations (OCO)			-	-	2.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5. Precision Strike Systems (PSS)			-	-	5.630	-	-	-	-	-	7.500 ⁽⁵⁾	-	-	4.592	-	-	-	-	-	4.592
6. Stand-Off Precision Guided Munition (SOPGM)																				
6a / Griffin Missiles - OCO			-	-	26.228	83,519.00	1,021	85.273	-	-	-	-	-	-	-	-	-	-	-	-
6b / Griffin Missiles - OCO with Datalink			-	-	-	-	-	-	87,902.00	266	23.382	-	-	-	-	-	-	-	-	-
6c / Small Glide Munition - OCO			-	-	60.975	86,906.00	361	31.373	90,412.00	17	1.537	-	-	-	-	-	-	-	-	-
6d / Small Glide Munition - OCO with Datalink			-	-	-	-	-	-	102,699.00	592	60.798	-	-	-	-	-	-	-	-	-
6e / Laser Small Diameter Bombs (LSDB) Modification - OCO			-	-	8.340	43,068.00	500	21.534	-	-	-	-	-	-	-	-	-	-	-	-
6f / Integration & Shipping - OCO			-	-	13.172	-	-	0.072	-	-	-	-	-	-	-	-	-	-	-	-
6g / Griffin - Base			-	-	76.584	92,385.00	13	1.201	81,947.00	414	33.926	-	-	-	-	-	-	-	-	-
6h / Griffin - Base with Datalink			-	-	-	101,175.00	300	30.353	87,898.00	108	9.493	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D / 02 / 3

P-1 Line Item Number / Title:
0203ORD / ORDNANCE ITEMS <\$5M

Aggregated Items Title:
ORDNANCE ITEMS <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6i / Small Glide Munition (SGM) - Base			-	-	20.325	78,064.00	639	49.883	-	-	-	-	-	-	-	-	-	-	-	-
6j / Hellfire AUR (OCO)			-	-	-	-	-	-	75,000.00	84	6.300	-	-	-	-	-	-	-	-	-
6k / SGM - Base with Datalink			-	-	-	81,256.29	200	16.251	-	-	-	-	-	-	-	-	-	-	-	-
6l / SGM in Common Ejection Tube (CET)			-	-	-	-	-	-	-	-	-	118,700.00	70	8.309	-	-	-	118,700.00	70	8.309
6m / SGM in CET (OCO)			-	-	-	-	-	-	118,029.00	35	4.131	-	-	-	-	-	-	-	-	-
6n / SGM in CET with Datalink			-	-	-	-	-	-	132,700.00	19	2.521	132,700.00	6	0.796	-	-	-	132,700.00	6	0.796
6o / SGM in CET with Datalink - OCO			-	-	-	-	-	-	129,200.00	6	0.775	-	-	-	-	-	-	-	-	-
6p / LSDB Guided Test Vehicle (GTV) Modification - Base			-	-	-	288,024.00	8	2.304	-	-	-	-	-	-	-	-	-	-	-	-
6q / SOF Hellfire Modification - Base			-	-	5.300	20,014.00	144	2.882	22,830.00	194	4.429	21,899.00	395	8.650	-	-	-	21,899.00	395	8.650
6r / Integration & Shipping AFSOC - Base			-	-	16.478	-	-	18.456	-	-	15.054	-	-	10.075	-	-	-	-	-	10.075
6s / Integration & Shipping USASOC-Base			-	-	-	-	-	-	-	-	-	-	-	6.560	-	-	-	-	-	6.560
6t / Munitions with Datalink			-	-	-	-	-	-	-	-	-	90,000.00	214	19.260	-	-	-	90,000.00	214	19.260
6u / Munitions Basic			-	-	-	-	-	-	-	-	-	83,500.00	154	12.859	-	-	-	83,500.00	154	12.859
6v / LSDB/(AUR)			-	-	12.510	-	-	-	59,664.00	128	7.637	59,668.00	125	7.459	-	-	-	59,668.00	125	7.459
6w / Munitions X-Net Radios			-	-	-	7,670.00	1,600	12.272	8,505.00	341	2.900	8,496.00	260	2.209	-	-	-	8,496.00	260	2.209
6x / Shipping Container			-	-	-	2,194.00	2,400	5.266	-	-	-	-	-	-	-	-	-	-	-	-
6y / Advance Precision Kill Weapon System (APKWS) Section			-	-	-	-	-	-	-	-	-	23,662.00	80	1.893	-	-	-	23,662.00	80	1.893
6z / APKWS - OCO Section			-	-	-	-	-	-	26,186.34	322	8.432	-	-	-	-	-	-	-	-	-
6aa / Prior Year Funding - Base			-	-	275.036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6bb / Prior Year Funding - OCO			-	-	186.756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 3	P-1 Line Item Number / Title: 0203ORD / ORDNANCE ITEMS <\$5M	Aggregated Items Title: ORDNANCE ITEMS <\$5M
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: 6. Stand-Off Precision Guided Munition (SOPGM)			-	-	701.704	-	-	277.120	-	-	181.315 ⁽⁶⁾	-	-	78.070	-	-	-	-	-	78.070
Total			-	-	1,342.502	-	-	402.899	-	-	289.652	-	-	168.072	-	-	-	-	-	168.072

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

- (1) FY21 Defense Wide Review (DWR) -\$4.013 million, United States Special Operations Command (USSOCOM) performed a comprehensive analysis of future capabilities and reduced procurement of rifle ammunition, machine gun ammunition, and foreign ammunition to better align with the Department's priorities as outlined in the National Defense Strategy (NDS).
- (2) Details provided under separate cover.
- (3) FY21 DWR -\$8.290 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced grenade offensive/smoke munitions, training devices, and explosives, firing devices, and accessories to better align with the Department's priorities as outlined in the NDS.
- (4) Precision Strike Systems (PSS) munitions were previously reported in this P40-a under Shoulder-Fired Munitions and Rockets.
- (5) FY21 DWR -\$11.268 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced procurement of manpackable and vehicle mount PSS munitions and manpack and vehicle mount launcher and control kits to better align with the Department's priorities as outlined in the NDS.
- (6) FY21 DWR and Congressional Mark -\$95.805 million, USSOCOM performed a comprehensive analysis of future capabilities and eliminated procurement of mini munitions, decreased procurement of Griffin munitions, Small Glide Munitions (SGM), Laser Small Diameter Bombs (LSDBs), and X-Net Radio to better align with the Department's priorities as outlined in the National Defense Strategy (NDS). This decrease resulted an increased unit cost and decreased quantity of munitions reducing War Reserve Material (WRM) stock.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160405BB	Other Related Program Elements: 1160405BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,880.892	118.341	111.216	131.889	-	131.889	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,880.892	118.341	111.216	131.889	-	131.889	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,880.892	118.341	111.216	131.889	-	131.889	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	22.069	0.976	1.235	1.442	-	1.442	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 line item is part of the Military Intelligence Program. This line item provides for the identification, procurement, and rapid fielding of Special Operations Forces (SOF) intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. Sub-projects address the primary areas of intelligence dissemination, sensor systems, integrated threat warning to SOF mission platforms, and tactical exploitation of national system capabilities. The systems procured in this line item are Joint Threat Warning System (JTWS); Special Operations Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA); Tactical Local Area Network (TACLAN); Hostile Forces-Tagging, Tracking, and Locating (HF-TTL); Special Operations Command, Research, Analysis and Threat Evaluation System (SOCRATES); Sensitive Site Exploitation (SSE), Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOFPREP), and SOF Signals Intelligence (SIGINT) Processing, Exploitation, Dissemination (PED) (Silent Dagger).

U.S. Special Operations Command (USSOCOM) has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems continue to provide SOF with the required capabilities into the 21st century. USSOCOM's C4I programs are comprised of an integrated network of systems providing positive command and control and the timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this architecture employ the latest standards and technology by transitioning from separate systems to full integration with the SOF Information Environment (SIE). The SIE allows SOF elements to operate with any force combination in multiple environments. The intelligence programs funded in this line item will meet annual emergent requirements and are grouped by the level of organizational element they support: Operational Element (Team) and Above Operational Element (Garrison). These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$17.250 million appropriated for Overseas Contingency Operations.
 FY 2021 funding totals include \$16.234 million appropriated for Overseas Contingency Operations.
 FY 2022 funding totals include \$131.889 million Base with \$0.000 million Direct War and \$14.111 million for Enduring Costs in the Base budget.

FY 2022 Fiscal Balancing -\$2.998 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.
 -\$1.816 million Austere Location Force Protection Kit systems, Special Operations Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition
 -\$1.113 million Hostile Forces-Tagging, Tracking, and Locating mission set
 -\$0.069 million Tactical Local Area Network

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA
4: Other Procurement Programs

P-1 Line Item Number / Title:
020400INTL / INTELLIGENCE SYSTEMS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 1160405BB **Other Related Program Elements:** 1160405BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Category - Intelligence Systems / 1 - Joint Threat Warning Systems (JTWS)				- / 407.837	- / 53.432	- / 62.324 ⁽¹⁾	- / 76.819	- / -	- / 76.819
P-40a	Category - Intelligence Systems / 2 - Tactical Video System/ Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)				- / 142.542	- / 21.913	- / 19.475 ⁽²⁾	- / 18.516	- / -	- / 18.516
P-40a	Category - Intelligence Systems / 3 - Tactical Local Area Network (TACLAN)				- / 38.103	- / 2.208	- / 2.076 ⁽³⁾	- / 1.744	- / -	- / 1.744
P-40a	Category - Intelligence Systems / 4 - Hostile Forces Tagging, Tracking, and Locating (HF-TTL)				- / 395.603	- / 19.993	- / 14.057 ⁽⁴⁾	- / 15.356	- / -	- / 15.356
P-40a	Category - Intelligence Systems / 5 - Special Operations Research, Analysis and Threat Evaluation System (SOCRATES)				- / 90.640	- / 12.505	- / 9.787	- / 9.903	- / -	- / 9.903
P-40a	Category - Intelligence Systems / 6 - Sensitive Site Exploitation (SSE)				- / 62.875	- / 7.453	- / 2.674	- / 2.721	- / -	- / 2.721
P-40a	Category - Intelligence Systems / 7 - Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOPREP)				- / 5.137	- / 0.837	- / 0.823	- / 0.831	- / -	- / 0.831
P-40a	Category - Intelligence Systems / 8 - SIGINT PED (Silent Dagger)				- / -	- / -	- / -	- / 5.999	- / -	- / 5.999
P-40a	Category - Intelligence Systems / 9 - Prior Year				- / 738.155	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / 1,880.892	- / 118.341	- / 111.216	- / 131.889	- / -	- / 131.889

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title / Category Title when only P-40a Categories are shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
OPERATIONAL ELEMENT (TEAM)

1. JTWS. This program is an evolutionary acquisition program effort for SIGINT. The JTWS System of Systems (SoS) enables the SOF Cryptologic and Cyber Enabling Joint Operators to collect, process, locate and exploit threat communications signals of interest in order to provide timely, relevant, and responsive intelligence, networked, enhanced target acquisition, and threat warning information directly to the SOF Commanders. Intelligence gathered is then transposed to National Databases in the Intelligence Community. The JTWS capabilities are focused on multiple areas: Ground SIGINT Kit (GSK); Maritime; Air; Unmanned Aerial Systems (UAS); and Cyber Enabling. Each area has specific requirements for Communications Intelligence, Electronic Intelligence, and Precision Geo-location (PGL). The contracting strategy uses a mixture of full and open competition for prime integrators and indefinite delivery/indefinite quantity contracts for Commercial off-the-Shelf (COTS) procurement with new development only as necessary.

FY 2022 BASE PROGRAM JUSTIFICATION: Funds the Capital Replacement Program (CERP) of 30 GSK kit variants, CERP of 13 Air Variant System (AVS) variants, three PGL ground kits, CERP of 11 PGL ground kits, one PGL Air kit, CERP of one Ground Static, Evolutionary Technical Insertion (ETI), two Unmanned Aerial Collection Systems, nine Maritime variants, four PGL Maritime kit, and initial training and spares. These procurements include technologies for prosecuting and exploiting Near Peer Signals of Interest (SOIs).

2. TVS/RSTA. This program provides SOF with critical Special Reconnaissance (SR) equipment that directly supports the planning and execution of SOF missions. This capability allows the SOF warfighter to meet SOF SR mission requirements to find, fix, finish, exploit, analyze, and disseminate information of adversary's movement, construct, identification, location; and associated things and activities. TVS/RSTA provides Geographic Combatant Commanders (GCCs) and SOF operators with an immediate capability to visually and electronically acquire people, things, and activities and provides actionable intelligence for SOF planners and Commanders. The TVS/RSTA program consists of a Family of Systems (FoS) that employs an evolutionary acquisition strategy for ETI (supplemented with commodity procurement) to

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160405BB	Other Related Program Elements: 1160405BB
Line Item MDAP/MAIS Code: N/A		
<p>enhance the performance of specific kits. These ETI modifications vary in both cost and quantity. The FoS consists of interoperable equipment to capture and transfer near-real-time ground-based, tactical day/night/reduced visibility, imagery, video, and electronic proximity and movement sensing, all capable of dissemination through SOF organic, global C4I, and commercial communications infrastructures. Kits are type designated as RSTA or TVS Mission Kits. RSTA kits are operationally configured as Sensor Kits; Tactical Reconnaissance (RECCE) Kit; Remote Observation Post (ROP); Unmanned Ground Sensors/ Unmanned Maritime Sensors (UGS/UMS); and Austere Location Force Protection Kits (ALFPK).</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures four Sensor Kits, five UGS, 28 RSTA Tactical Reconnaissance (RECCE) Kits, one ROP Kit, 40 TVS Kits, and two Maritime Combat Development UMS Kits.</p> <p>FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 18 CERP ALFPK Systems.</p> <p>FY 2022 Fiscal Balancing -\$1.816 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces the Austere Location Force Protection Kit (ALFPK) kits.</p> <p>3. TACLAN. Provides SOF operational commanders and forward deployed forces advanced automated data processing and display capabilities, facilitating the interchange of classified and unclassified information to support situational awareness, mission planning, rehearsal, and execution, and Command and Control (C2) of forces in tactical environments. The program consists of information technology hardware, software and ancillary equipment, including network servers, routers, switches, storage and computing end user devices, and common and specialized user applications. The family of systems is mobile, modular, and size configurable to suit peculiar mission needs that support SOF users from the individual to the Special Operations Task Force (SOTF) echelon. TACLAN-Heavy modular network suites include Top Secret/Sensitive Compartmentalized Information (TS/SCI) enclaves.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: CERP 15 TACLAN-Heavy Prime Mission Equipment Suites-Block II and ancillary equipment.</p> <p>FY 2022 Fiscal Balancing -\$0.069 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces procurement of a TACLN ancillary equipment.</p> <p>4. HF-TTL. This program provides SOF with critical tools to enhance situational awareness for the planning and execution of SOF missions. This capability allows SOF to find, fix, and finish target assets through the emplacement of sophisticated tags and devices that feed into an integrated architecture. Through rapid acquisition HF-TTL provides GCCs and SOF operators with an immediate capability to tag, track, and locate people, things and activities. The HF-TTL program provides actionable intelligence for SOF planners. The Mission Sets are comprised of a mix of different classes of tags and their associated detection, interrogation, viewing, tracking, and communications systems that are fielded annually to each SOF Component Command and Theater Special Operations Command (TSOC) based upon dynamic and emergent SOF operational requirements.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 12 mission sets.</p> <p>FY 2022 Fiscal Balancing - \$1.113 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces MARSOC HFTTL equipment and Mission Set.</p> <p>ABOVE OPERATIONAL ELEMENT (GARRISON)</p> <p>5. SOCRATES. This program is the SOF extension of the Joint Worldwide Intelligence Communications System network and is used to develop, acquire and support garrison automated intelligence system requirements for SOF organizations worldwide. It provides the capabilities to exercise command and control, planning, collection, collaboration, data processing, video mapping, a wide-range of automated intelligence analysis, direction, intelligence dissemination, imagery tools and applications, to include secondary imagery dissemination, and news and message traffic. The system ensures intelligence support to mission planning and the intelligence preparation of the battle space by connecting numerous data repositories while maintaining information assurance. The system supports Headquarters USSOCOM, its</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160405BB	Other Related Program Elements: 1160405BB
Line Item MDAP/MAIS Code: N/A		
<p>component commands, TSOCs and forward based SOF units. SOCRATES is composed of state-of-the-art networking devices (firewalls, routers, switches, hubs, and modems), servers, storage devices, video teleconference, secure voice, workstations, associated peripherals and government-off-the-shelf /commercial-off-the-shelf software.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures equipment to support expansion of Components, TSOCs and enterprise datacenter upgrades.</p> <p>6. SSE. This program uses rapid acquisition to procure Biometric and Forensic technologies that provide state-of-the art capabilities to the Warfighter thus allowing for exploitation of documents, electronic data, material and forensic evidence on sensitive sites/objectives. Biometrics kits allow collection and transmission of unique, measurable biometric signatures from personnel, including live/latent fingerprints, iris patterns, and facial features. It also provides a means to verify against and enroll subjects into the DOD authoritative database, and to query that database to support hold or release decisions. Forensic kits enable on-objective linking of events to specific persons through chemical analysis, latent fingerprints, cell phones and computer data analysis, and Deoxyribonucleic Acid (DNA) collection. Exploitation Analysis Centers (EACs) provide theater-level forensic laboratory capabilities for more in-depth exploitation of captured materiel.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Funds the CERP of 94 Forensic Exploitation kits.</p> <p>7. SOFPREP. This program serves as the intelligence focal point for production of SOF enhanced Geospatial Intelligence (GEOINT) (maps, imagery, and terrain data) and three dimensional (3D) scene visualization databases. SOFPREP gathers, processes, exploits, disseminates and manages classified high-resolution 3D databases and GEOINT data in support of SOF training, mission rehearsal and execution systems. The program builds the SOF common geospatial environment and manages the authoritative database of SOF-specific GEOINT terrain data. SOFPREP is an National Geo-Spatial Intelligence Agency (NGA) certified co-producer in support of time-sensitive SOF specific requirements. Acquires emerging Commercial off the Shelf (COTS) to accelerate computational processing applied to exploitation of GEOINT data, speeding production of 3D databases used by Components for realistic and unique joint SOF training and mission rehearsal for current operations.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures ETIs for GEOINT Processing, Exploitation and Dissemination.</p> <p>8. SIGINT PED (Silent Dagger). This program serves as a family of products and services providing Intelligence, Surveillance, and Reconnaissance PED, and analytical capabilities at the Joint Task Force level and below through a combination of reach-back, forward support and collaboration.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: CERP 24 SOF SIGINT PED Communication kits. Prior to FY 2022, Silent Dagger was executed under Line Item 020401 INTL/Distributed Common Ground/Surface System.</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 020400INTL / INTELLIGENCE SYSTEMS **Aggregated Items Title:** Intelligence Systems

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - Joint Threat Warning Systems (JTWS)																				
1.1 / Ground SIGNIT KIT (GSK) Variant - Capital Equipment Replacement Program (CERP)			-	-	116.221	0.593	23	13.636	0.599	26	15.574	0.605	30	18.150	-	-	-	0.605	30	18.150
1.2 / Air Variant System (AVS)			-	-	0.780	0.489	2	0.977	-	-	-	-	-	-	-	-	-	-	-	-
1.3 / AVS - CERP			-	-	43.922	0.492	9	4.426	0.496	11	5.456	0.500	13	6.500	-	-	-	0.500	13	6.500
1.4 / Precision Geo Location (PGL) Ground Kits			-	-	52.251	-	-	-	1.804	3	5.412	1.822	3	5.466	-	-	-	1.822	3	5.466
1.5 / PGL Ground - CERP			-	-	88.583	1.741	10	17.414	1.804	10	18.040	1.822	11	20.042	-	-	-	1.822	11	20.042
1.6 / PGL Air			-	-	7.317	1.320	1	1.320	1.347	1	1.347	1.360	1	1.360	-	-	-	1.360	1	1.360
1.7 / Ground Static - CERP Evolutionary Technical Insertions (ETI)			-	-	2.919	1.329	1	1.329	1.681	1	1.681	1.698	1	1.698	-	-	-	1.698	1	1.698
1.8 / Unmanned Aerial Collection Systems			-	-	2.008	0.128	2	0.256	0.134	2	0.268	0.135	2	0.270	-	-	-	0.135	2	0.270
1.9 / Maritime Variant			-	-	22.268	1.606	8	12.844	1.624	7	11.368	1.640	9	14.762	-	-	-	1.640	9	14.762
1.10 / Maritime PGL			-	-	-	-	-	-	1.624	1	1.624	1.640	4	6.560	-	-	-	1.640	4	6.560
1.11 / GSK - Initial Training			-	-	1.247	-	-	0.120	-	-	0.142	-	-	0.323	-	-	-	-	-	0.323
1.12 / AVS - Initial Training			-	-	0.471	-	-	0.052	-	-	0.073	-	-	0.083	-	-	-	-	-	0.083
1.13 / AVS Spares			-	-	5.110	-	-	0.553	-	-	0.604	-	-	0.716	-	-	-	-	-	0.716
1.14 / Ground Static - Initial Training			-	-	0.529	-	-	0.042	-	-	0.063	-	-	0.084	-	-	-	-	-	0.084
1.15 / Team Transportable Variant (TTV) Spares			-	-	11.282	-	-	0.059	-	-	0.100	-	-	0.133	-	-	-	-	-	0.133
1.16 / PGL Ground Initial Training			-	-	1.476	-	-	0.040	-	-	0.041	-	-	0.079	-	-	-	-	-	0.079
1.17 / PGL Spares			-	-	5.677	-	-	0.364	-	-	0.531	-	-	0.593	-	-	-	-	-	0.593
1.18 / Prior Year Funding			-	-	24.888	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.19 / Prior Year Funding Overseas Contingency Operations (OCO)			-	-	20.888	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1 - Joint Threat Warning Systems (JTWS)			-	-	407.837	-	-	53.432	-	-	62.324⁽¹⁾	-	-	76.819	-	-	-	-	-	76.819
2 - Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS						Aggregated Items Title: Intelligence Systems								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1 / RSTA Sensor Kit			-	-	6.864	0.064	25	1.600	0.064	4	0.255	0.066	4	0.264	-	-	-	0.066	4	0.264
2.2 / Unattended Ground Sensors (UGS)			-	-	-	-	-	-	0.172	2	0.344	0.072	5	0.360	-	-	-	0.072	5	0.360
2.3 / RSTA Tactical Reconnaissance (RECCE) Kits			-	-	9.097	0.086	23	1.980	0.070	28	1.960	0.073	28	2.045	-	-	-	0.073	28	2.045
2.4 / RSTA Remote Observation Post (ROP) Kit			-	-	8.590	0.147	1	0.147	0.147	1	0.147	0.157	1	0.157	-	-	-	0.157	1	0.157
2.5 / TVS Kit			-	-	14.606	0.032	45	1.436	0.033	1	0.033	0.033	40	1.330	-	-	-	0.033	40	1.330
2.6 / Austere Location Force Protection Kits Overseas Contingency Operations (OCO)			-	-	102.620	0.750	22	16.500	0.773	21	16.234	-	-	-	-	-	-	-	-	-
2.7 / Austere Location Force Protection Kits			-	-	-	-	-	-	-	-	0.253	0.784	18	14.111	-	-	-	0.784	18	14.111
2.8 / Maritime Combat Development Unmanned Maritime Sensor (UMS) Kit			-	-	0.250	0.125	2	0.250	0.125	2	0.249	0.125	2	0.249	-	-	-	0.125	2	0.249
2.9 / Prior Year Funding			-	-	0.515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2 - Tactical Video System/ Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)			-	-	142.542	-	-	21.913	-	-	19.475⁽²⁾	-	-	18.516	-	-	-	-	-	18.516
3 - Tactical Local Area Network (TACLAN)																				
3.1 / Prime Mission Equipment Suites - Block II CERP			-	-	25.329	0.104	15	1.568	0.105	13	1.365	0.081 ⁽⁵⁾	15	1.210	-	-	-	0.081	15	1.210
3.2 / Ancillary Equipment			-	-	3.847	-	-	0.640	-	-	0.711	-	-	0.534	-	-	-	-	-	0.534
3.3 / Prior Year Funding			-	-	8.927	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3 - Tactical Local Area Network (TACLAN)			-	-	38.103	-	-	2.208	-	-	2.076⁽³⁾	-	-	1.744	-	-	-	-	-	1.744
4 - Hostile Forces Tagging, Tracking, and Locating (HF-TTL)																				
4.1 / Mission Sets			-	-	281.984	1.250	16	19.993	1.278	11	14.057	1.280	12	15.356	-	-	-	1.280	12	15.356
4.2 / Prior Year Funding OCO			-	-	113.619	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4 - Hostile Forces Tagging, Tracking, and Locating (HF-TTL)			-	-	395.603	-	-	19.993	-	-	14.057⁽⁴⁾	-	-	15.356	-	-	-	-	-	15.356
5 - Special Operations Research, Analysis and Threat Evaluation System (SOCRATES)																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS						Aggregated Items Title: Intelligence Systems								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
5.1 / Component and Theater Special Operations Command (TSOC) Expansion			-	-	7.188	-	-	12.505	-	-	3.652	-	-	7.576	-	-	-	-	-	7.576
5.2 / SOCRATES Video Teleconference and Secure Voice			-	-	-	-	-	-	-	-	3.231	-	-	-	-	-	-	-	-	-
5.3 / SOCRATES Enterprise Datacenter Upgrades			-	-	-	-	-	-	-	-	-	-	-	2.327	-	-	-	-	-	2.327
5.4 / Cross Domain Solution			-	-	-	-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-
5.5 / Multi-factor Authentication			-	-	-	-	-	-	-	-	2.404	-	-	-	-	-	-	-	-	-
5.6 / Prior Funding			-	-	83.452	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5 - Special Operations Research, Analysis and Threat Evaluation System (SOCRATES)			-	-	90.640	-	-	12.505	-	-	9.787	-	-	9.903	-	-	-	-	-	9.903
6 - Sensitive Site Exploitation (SSE)																				
6.1 / Forensic Exploitation Analysis Center Equipment			-	-	1.880	0.338	2	0.676	0.368	4	1.472	-	-	-	-	-	-	-	-	-
6.2 / Forensic Exploitation Kits CERP			-	-	15.954	0.027	251	6.777	0.024	51	1.202	0.029	94	2.721	-	-	-	0.029	94	2.721
6.3 / Forensic Domex			-	-	4.290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4 / Prior Year Funding			-	-	40.061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5 / Prior Year Funding OCO			-	-	0.690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6 - Sensitive Site Exploitation (SSE)			-	-	62.875	-	-	7.453	-	-	2.674	-	-	2.721	-	-	-	-	-	2.721
7 - Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOPREP)																				
7.1 / Evolutionary Technology Insertions			-	-	5.137	-	-	0.837	-	-	0.823	-	-	0.831	-	-	-	-	-	0.831
Subtotal: 7 - Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOPREP)			-	-	5.137	-	-	0.837	-	-	0.823	-	-	0.831	-	-	-	-	-	0.831
8 - SIGINT PED (Silent Dagger)																				
1 / SIGINT PED Communication Kit CERP			-	-	-	-	-	-	-	-	-	0.250	24	5.999	-	-	-	0.250	24	5.999
Subtotal: 8 - SIGINT PED (Silent Dagger)			-	-	-	-	-	-	-	-	-	-	-	5.999	-	-	-	-	-	5.999
9 - Prior Year																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 020400INTL / INTELLIGENCE SYSTEMS **Aggregated Items Title:** Intelligence Systems

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8.1 / Prior Year Funding			-	-	557.842	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8.2 / Prior Year Funding - OCO			-	-	180.313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 9 - Prior Year			-	-	738.155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	1,880.892	-	-	118.341	-	-	111.216	-	-	131.889	-	-	-	-	131.889	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

- (1) FY21 Defense Wide Review (DWR) -\$0.336 million, United States Special Operations Command (USSOCOM) performed a comprehensive analysis of future capabilities and reduced a Maritime variant and TTV spares to better align with the Department's priorities as outlined in the National Defense Strategy (NDS).
- (2) FY21 DWR -\$1.297 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced RSTA Sensor kits and RSTA Tactical Reconnaissance kits to better align with the Department's priorities as outlined in the NDS.
- (3) FY21 DWR -\$0.176 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced Prime Mission Equipment (PME) Suites - Block II Capital Equipment Replacement Program (CERP) and ancillary equipment to better align with the Department's priorities as outlined in the NDS.
- (4) FY21 DWR -\$6.001 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced Mission sets to better align with the Department's priorities as outlined in the NDS.
- (5) Unit cost decrease due to program cost efficiencies.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 020401INTL / DISTRIBUTED COMMON GROUND/SURFACE SYSTEM
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0305208BB
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	141.302	12.522	11.645	5.991	-	5.991	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	141.302	12.522	11.645	5.991	-	5.991	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	141.302	12.522	11.645	5.991	-	5.991	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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 Command (COCOM), Component/Theater Special Operations Command (TSOC) level and below through a combination of reach back, forward support, and collaboration. The mission tailored infrastructure interconnects the warfighter, 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, other national intelligence agencies, combatant commands and multi-national partners. It connects the SOF warfighter and analysts with essential intelligence information and provides situational awareness information to SOF leadership at all echelons. The three components of DCGS-SOF include the following: Enterprise/All Source Information Fusion (ENT/ASIF) provides infrastructure, processing and intelligence analytical tools to allow for worldwide SOF intelligence information sharing via a globally connected cloud based architecture as well as a forward disconnected capability. SOF Geospatial Intelligence Processing Exploitation, and Dissemination (SGIP) provides capabilities in garrison and deployed environments for the PED of manned and unmanned sensors. SOF Signals Intelligence (SIGINT) PED provides SIGINT exploitation capability in both garrison and deployed environments. These capabilities will be pursued via rapid fielding techniques when appropriate. Beginning in FY 2022, SOF SIGINT PED funding is contained in P-1 line item 020400INTEL/Intelligence Systems.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs **P-1 Line Item Number / Title:** 020401INTL / DISTRIBUTED COMMON GROUND/SURFACE SYSTEM

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0305208BB

Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Distributed Common Ground/Surface System				- / 141.302	- / 12.522	- / 11.645	- / 5.991	- / -	- / 5.991
P-40	Total Gross/Weapon System Cost				- / 141.302	- / 12.522	- / 11.645	- / 5.991	- / -	- / 5.991

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2022 BASE PROGRAM JUSTIFICATION: Funds DCGS-SOF Advanced Analytics, Deployable/Tactical SOF Geospatial Intelligence Processing (SGIP), Capital Equipment Replacement Program (CERP) and the CERP of Garrison SGIP infrastructure components. USSOCOM ENT/ASIF advanced analytics partnered with the National Reconnaissance Office in FY18 to utilize the fielded Government Off The Shelf (GOTS)/Commercial Off The Shelf (COTS) Fusion Analysis and Development Effort (FADE) platform. The fielded FADE system is Cloud based so DCGS-SOF Enterprise Infrastructure requirements tapered off after FY20. SOF Advanced Analytics equipment provides deployable ENT/ASIF capability in communications challenged environments.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4	P-1 Line Item Number / Title: 020401INTL / DISTRIBUTED COMMON GROUND/SURFACE SYSTEM	Aggregated Items Title: Distributed Common Ground/Surface System
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Distributed Common Ground/Surface System																				
1 / SOF Signals Intelligence (SIGINT) PED Communication Kit Capital Equipment Replacement Program (CERP) ⁽¹⁾			-	-	17.603	0.330	20	6.596	0.258	22	5.684	-	-	-	-	-	-	-	-	-
2 / DCGS - SOF Enterprise Infrastructure CERP			-	-	10.110	-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	-
3 / DCGS - SOF Advanced Analytics			-	-	11.257	-	-	0.812	-	-	0.523	-	-	1.328	-	-	-	-	-	1.328
4 / Deployable/Tactical SOF Geospatial Intelligence Processing (SGIP) CERP ⁽²⁾			-	-	8.414	0.159	4	0.634	0.034	19	0.646	-	-	1.640	-	-	-	-	-	1.640
5 / Garrison SGIP Infrastructure CERP			-	-	14.308	-	-	3.480	-	-	4.792	-	-	3.023	-	-	-	-	-	3.023
6 / Prior Year Funding (OCO)			-	-	79.610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Distributed Common Ground/Surface System			-	-	141.302	-	-	12.522	-	-	11.645	-	-	5.991	-	-	-	-	-	5.991
Total			-	-	141.302	-	-	12.522	-	-	11.645	-	-	5.991	-	-	-	-	-	5.991

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

⁽¹⁾ Processing, Exploitation, Dissemination (PED)

⁽²⁾ Deployable/Tactical SOF Geospatial Intelligence (SGIP) CERP: Unit cost difference is reflective of variance between partial component CERP and full system CERP requirements based upon varying equipment utilization.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0204OTHER / OTHER ITEMS <\$5M
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB, 1160402BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	507.740	103.059	82.691	62.722	-	62.722	-	-	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	507.740	103.059	82.691	62.722	-	62.722	-	-	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	507.740	103.059	82.691	62.722	-	62.722	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	2.617	-	0.895	0.913	-	0.913	-	-	-	-	-	-
Flyaway Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 line item provides for the procurement, rapid fielding, and associated costs of specialized equipment in the areas of Aircraft Support, Military Construction (MILCON) Collateral Equipment, Command, Control, Communications, and Computer Information and Automated Systems (C4IAS), Tactical Local Area Network (TACLAN), Special Access Program Network (SAPNET), Joint Operational Stocks (JOS), Base Procured Equipment (BPE), Multi-Mission Payload System (MMP) formerly known as Long Range Broadcast Systems (LRBS), Flyaway Broadcast System (FABS), Media Production Center (MPC), and miscellaneous equipment. Additionally, this P-1 line item consists of miscellaneous equipment items that do not reasonably fit in any other United States Special Operations Command (USSOCOM) procurement line item categories and are above the \$250K threshold. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$0.028 million appropriated for Overseas contingency Operations.

FY 2021 funding totals include \$0.984 million appropriated for Overseas contingency Operations.

FY 2022 funding totals include \$62.722 million Base with \$0.000 million Direct War and \$1.004 million for Enduring Costs in the Base Budget.

The FY 2022 funding request was reduced by \$3.505 million to account for the availability of prior year execution balances.

FY 2022 Fiscal Balancing -\$3.292 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven change.

-\$2.992 million Base Procured Equipment

-\$0.300 million Special Access Program Network

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA
4: Other Procurement Programs

P-1 Line Item Number / Title:
0204OTHER / OTHER ITEMS <\$5M

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160431BB, 1160402BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Other Items <\$5M				- / 507.740	- / 103.059	- / 82.691	- / 62.722	- / -	- / 62.722
P-40	Total Gross/Weapon System Cost				- / 507.740	- / 103.059	- / 82.691	- / 62.722	- / -	- / 62.722

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. Aircraft Support. This program provides various types of equipment and minor modifications required to support Special Operations Forces (SOF) fixed wing aircraft.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures SOF-unique aircraft support equipment by funding small equipment parts and upgrades. Per DOD policy, and in accordance with Air Force policy, these funds reimburse the Air Force Stock Fund for SOF initial spares provisioned with Air Force Stock Fund obligation authority.

2. MILCON Collateral Equipment. This program procures collateral equipment for SOF military construction facilities. No associated Research Development Test and Evaluation (RDT&E) funds.

FY 2022 BASE PROGRAM JUSTIFICATION: Provides information technology equipment, video monitoring, targeting systems and other equipment above the Operation and Maintenance threshold of \$250 thousand, as well as items that are centrally managed.

3. C4IAS. Provides garrison infrastructure directly supporting the Command's global mission by providing a seamless and interoperable interface with SOF, DOD, and Service information systems. It provides the capabilities to exercise Command and Control (C2) and collaboration, process and share data, and facilitate mission planning and operational preparation of the battle space, connecting numerous data repositories while maintaining information assurance. Additionally, it provides the critical reach back for SOF local area networks/wide area networks. This program is composed of state-of-the-art automated systems (firewalls, routers, switches) servers, storage devices, and associated peripherals supporting a myriad of SOF user requirements, to include the cloud data initiative, cyber, and uses a variety of commercial off-the-shelf software and databases to ensure interoperability between SOF units.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures distributive data center network hardware, Evolutionary Technology Insertions (ETIs), classified and unclassified network system infrastructure, integration, cyber infrastructure, and cloud data initiative.

4. TACLAN Automation Systems. Provides SOF operational commanders and forward deployed forces advanced automated data processing and display capabilities, facilitating the interchange of classified and unclassified information to support situational awareness, mission planning, rehearsal, and execution, and C2 of forces in tactical environments. The program consists of information technology hardware, software and ancillary equipment, including network servers, routers, switches, storage and computing end user devices, as well as common and specialized user applications. The family of systems are mobile, modular and size configurable to suit peculiar mission needs that support SOF users from the individual to the Special Operation Task Force echelon.

FY 2022 BASE PROGRAM JUSTIFICATION: Capital Replacement Program (CERP) nine TACLAN-Heavy suites, procures seven TACLAN-Medium suites, six TACLAN-Light suites, ancillary items, and integration.

FY 2022 ENDURING COSTS JUSTIFICATION: Procures ancillary items.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 0204OTHER / OTHER ITEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB, 1160402BB
Line Item MDAP/MAIS Code: N/A		
<p>5. SAPNET. Supports multi-SAP collaboration and information exchange for mission operations. It is interoperable on SAP systems and databases, enabling secure voice, video and data communication between National/Theater SOF and select mission partners. SAPNET integrates advanced technologies and gains efficiencies through collapsing infrastructure while still supporting user growth and mission readiness through evolutionary ETIs.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures ETIs</p> <p>FY 2022 Fiscal Balancing -\$0.300 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces evolutionary technology insertions.</p> <p>6. Joint Operational Stock (JOS). Composed of USSOCOM centrally procured and managed stocks of materiel designed to provide SOF access to immediately available equipment in support of contingency, Humanitarian Assistance/Disaster Response and training missions. The equipment contained within JOS generally falls into one of the following categories: night vision devices and optics, weapons, communications, personnel protection, and bare-base support. Bare-base support includes equipment required to provide key life support and work areas to SOF units deployed in austere locations. The JOS inventory is maintained, stored and issued through the SOF Support Activity located in Lexington, KY. The Military Liaison Element (MLE) equipment program provides for CERP and sustainment of operational and home station training sets used in direct support of the MLE mission. No associated RDT&E funds.</p> <p>7. Base Procured Equipment (BPE): This program procures authorized investment equipment which exceed the \$250K investment/expense threshold and are not part of an existing program of record (PoR). Examples of equipment include support equipment for modular facilities, mobile shoot houses, training ranges shelters, wargaming center equipment, uninterruptible power supply systems and terrain models.</p> <p>FY 2022 Fiscal Balancing -\$2.992 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Eliminates the procurement of Base Procured Equipment (BPE).</p> <p>8. Multi-Mission Payload (MMP). MMP is a Military Information Support Operations (MISO) broadcast asset capable of delivering messages to foreign target audiences in the formats of Frequency Modulation (FM), Television (TV), Ultra High Frequency (UHF)/Very High Frequency (VHF), and Cellular. MMP also provides limited Electronic Warfare (EW) capability. MMP consist of three variants: MMP-Heavy (H), MMP-Medium (M), and MMP-Light (L) and is designated for manned and unmanned aircraft dependent on variant.</p> <p>9. Fly Away Broadcast System (FABS). FABS is a transit case broadcast system that utilizes commercial and industry standard technology to disseminate approved messaging to target audiences via FM, short wave (SW) cellular Secure Messaging System and TV transmitter.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Supports procurement of three Next Generation FABS (v3).</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 0204OTHER / OTHER ITEMS <\$5M						Aggregated Items Title: Other Items <\$5M								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1. Aircraft Support																				
1a / Aircraft Modification Spares and Repair Parts - Air Force Stock Fund			-	-	2.617	-	-	-	-	-	0.895	-	-	0.913	-	-	-	-	-	0.913
1b / C-27J Modifications			-	-	9.545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1. Aircraft Support			-	-	12.162	-	-	-	-	-	0.895	-	-	0.913	-	-	-	-	-	0.913
2. Military Construction (MILCON) Collateral Equipment																				
2a / MILCON Collateral Equipment			-	-	83.285	-	-	27.246	-	-	31.096	-	-	13.979	-	-	-	-	-	13.979
2b / Project #P688, Camp Lemonier, Djibouti - Overseas Contingency Operations (OCO)			-	-	18.537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2. Military Construction (MILCON) Collateral Equipment			-	-	101.822	-	-	27.246	-	-	31.096	-	-	13.979	-	-	-	-	-	13.979
3. Command, Control, Communication, Computers, Information and Automated Systems (C4IAS)																				
3a / Distributive Data Center Hardware			-	-	82.605	-	-	2.681	-	-	2.583	-	-	2.683	-	-	-	-	-	2.683
3b / Evolutionary Technology Insertions			-	-	6.202	-	-	2.199	-	-	4.844	-	-	2.369	-	-	-	-	-	2.369
3c / Classified Network System Infrastructure			-	-	55.504	-	-	9.421	-	-	4.800	-	-	4.548	-	-	-	-	-	4.548
3d / Unclassified Network System Infrastructure			-	-	36.905	-	-	11.353	-	-	12.860	-	-	14.500	-	-	-	-	-	14.500
3e / Integration			-	-	11.193	-	-	2.050	-	-	2.075	-	-	2.408	-	-	-	-	-	2.408
3f / Cyber Infrastructure			-	-	-	-	-	-	-	-	6.173	-	-	2.600 ⁽¹⁾	-	-	-	-	-	2.600
3g / Cloud Data Initiative			-	-	-	-	-	-	-	-	-	-	-	3.522	-	-	-	-	-	3.522
3h / Prior Years			-	-	12.098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3i / Prior Years - OCO			-	-	7.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3. Command, Control, Communication, Computers, Information and Automated Systems (C4IAS)			-	-	212.207	-	-	27.704	-	-	33.335⁽²⁾	-	-	32.630	-	-	-	-	-	32.630
4. Tactical Local Area Network (TACLAN)																				
4a / Suites - Capital Equipment Replacement Program (CERP)			-	-	61.021	0.247	35	8.650	0.247	30	7.399	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204OTHER / OTHER ITEMS <\$5M **Aggregated Items Title:** Other Items <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4b / TACLAN-Heavy Suite CERP			-	-	-	-	-	-	-	-	0.426	9	3.834	-	-	-	0.426	9	3.834	
4c / TACLAN- Medium Suite CERP			-	-	-	-	-	-	-	-	0.415	7	2.904	-	-	-	0.415	7	2.904	
4d / TACLAN-Light Suite CERP			-	-	-	-	-	-	-	-	0.110	6	0.660	-	-	-	0.110	6	0.660	
4e / Suites - CERP OCO			-	-	-	-	-	-	0.246	4	0.984	-	-	-	-	-	-	-	-	
4f / Ancillary Equipment			-	-	5.518	-	-	0.836	-	-	-	-	1.004	-	-	-	-	-	1.004	
4g / Ancillary Equipment OCO			-	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-	-	-	
4h / Integration			-	-	8.272	-	-	1.730	-	-	1.098	-	-	1.149	-	-	-	-	1.149	
4i / Prior Year Funding			-	-	10.021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 4. Tactical Local Area Network (TACLAN)			-	-	84.832	-	-	11.244	-	-	9.481⁽³⁾	-	-	9.551	-	-	-	-	9.551	
5. Special Access Program Network (SAPNET)																				
5a / Evolutionary Technology Insertions			-	-	2.325	-	-	5.621	-	-	5.713	-	-	5.467	-	-	-	-	5.467	
Subtotal: 5. Special Access Program Network (SAPNET)			-	-	2.325	-	-	5.621	-	-	5.713	-	-	5.467	-	-	-	-	5.467	
6. Joint Operational Stocks (JOS)																				
6a / Military Liaison Element			-	-	8.673	-	-	2.544	-	-	-	-	-	-	-	-	-	-	-	
6b / Equipment - CERP			-	-	13.357	-	-	2.359	-	-	-	-	-	-	-	-	-	-	-	
6c / Prior Year Funding - OCO			-	-	20.676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 6. Joint Operational Stocks (JOS)			-	-	42.706	-	-	4.903	-	-	-	-	-	-	-	-	-	-	-	
7. Base Procured Equipment (BPE)																				
7a / Equipment Items			-	-	4.902	-	-	2.410	-	-	1.991	-	-	-	-	-	-	-	-	
Subtotal: 7. Base Procured Equipment (BPE)			-	-	4.902	-	-	2.410	-	-	1.991	-	-	-	-	-	-	-	-	
8. Multi-Mission Payload (MMP) / Long Range Broadcasting System (LRBS)																				
8a / MMP-Heavy (H)			-	-	8.603	2.315	2	4.630	-	-	-	-	-	-	-	-	-	-	-	
8b / MMP-H Group A Kits			-	-	-	-	-	2.700	-	-	-	-	-	-	-	-	-	-	-	
8c / MMP-H Technical Manuals			-	-	-	-	-	2.300	-	-	-	-	-	-	-	-	-	-	-	
8d / MMP-H Spares			-	-	-	-	-	4.700	-	-	-	-	-	-	-	-	-	-	-	
8e / MMP-Medium			-	-	-	1.920	5	9.601	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204OTHER / OTHER ITEMS <\$5M **Aggregated Items Title:** Other Items <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8g / Prior Year Funding			-	-	6.679	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 8. Multi-Mission Payload (MMP) / Long Range Broadcasting System (LRBS)			-	-	15.282	-	-	23.931	-	-	-	-	-	-	-	-	-	-	-	
9. Fly-Away Broadcasting System (FABS)																				
9a / FABS (v3)			-	-	-	-	-	-	0.060	3	0.180	0.061	3	0.184	-	-	-	0.061	3	0.184
Subtotal: 9. Fly-Away Broadcasting System (FABS)			-	-	-	-	-	-	-	-	0.180	-	-	0.182	-	-	-	-	-	0.182
11. Prior Year Funding																				
10a / Prior Year Funding			-	-	31.502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 11. Prior Year Funding			-	-	31.502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	507.740	-	-	103.059	-	-	82.691	-	-	62.722	-	-	-	-	-	62.722

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

- (1) In FY22, cloud data initiative is broken out from cyber infrastructure.
- (2) FY21 Defense Wide Review (DWR) -\$1.915 million, United States Special Operations Command (USSOCOM) performed a comprehensive analysis of future capabilities and reduced Classified Network System Infrastructure to better align with the Department's priorities as outlined in the National Defense Strategy (NDS).
- (3) FY21 Defense Wide Review (DWR) -\$2.582 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced suites - CERP to better align with the Department's priorities as outlined in the NDS.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0204SCCS / COMBATANT CRAFT SYSTEMS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160483BB, 1160484BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	584.958	48.462	33.278	17.080	-	17.080	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	584.958	48.462	33.278	17.080	-	17.080	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	584.958	48.462	33.278	17.080	-	17.080	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	2.743	-	-	0.222	-	0.222	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This portfolio procures Combatant Craft and related Systems, Sub-Systems, and equipment used by our Special Warfare Combatant Crewman to provide Surface mobility capability for execution of special operations missions in various threat environments. The Combatant Craft Systems line item serves as the umbrella for small, medium, heavy and assault combatant craft programs, sub-systems, and ancillary equipment to include prime movers and trailers. Currently, it includes Combatant Craft Medium (CCM), Combatant Craft Heavy (CCH), Special Operations Craft Riverine (SOCR), Combatant Craft Forward Looking Infrared 2 (CCFLIR 2), Combatant Craft Assault (CCA), and Maritime Precision Engagement (MPE). These capabilities will be pursued via rapid fielding techniques when appropriate.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs

P-1 Line Item Number / Title:
0204SCCS / COMBATANT CRAFT SYSTEMS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160483BB, 1160484BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Category - Combatant Craft Systems / 1 - Combatant Craft Medium (CCM)				- / 200.498	- / 13.840	- / 3.087	- / 5.006	- / -	- / 5.006 ⁽¹⁾
P-40a	Category - Combatant Craft Systems / 2 - Combatant Craft Heavy (CCH)				- / 20.463	- / -	- / -	- / 0.222	- / -	- / 0.222 ⁽²⁾
P-40a	Category - Combatant Craft Systems / 3 - Special Operations Craft Riverine (SOCR)				- / 93.906	- / 0.418	- / 0.426	- / -	- / -	- / -
P-40a	Category - Combatant Craft Systems / 4 - Combatant Craft Forward Looking Infrared System (CCFLIR)				- / 55.746	- / 17.520	- / 6.162	- / -	- / -	- / -
P-40a	Category - Combatant Craft Systems / 5 - Combatant Craft Assault (CCA)				- / 116.435	- / 16.684	- / 23.603	- / 6.447	- / -	- / 6.447
P-40a	Category - Combatant Craft Systems / 6 - Maritime Precision Engagement (MPE)				- / -	- / -	- / -	- / 5.405	- / -	- / 5.405
P-40a	Category - Combatant Craft Systems / Prior Year Funding				- / 97.910	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / 584.958	- / 48.462	- / 33.278	- / 17.080	- / -	- / 17.080

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title / Category Title when only P-40a Categories are shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. CCM: The CCM is a semi-enclosed multi-mission combatant craft for platoon-size maritime mobility in maritime contested environments. It is multi-mission capable, including Maritime Interdiction, Insert/Extract, and Visit, Board, Search, and Seizure (VBSS) Operations. CCM is Naval Special Warfare's (NSW) craft-of-choice for long-range, high-payload Special Operations Forces (SOF) mobility operations in contested environments. CCM has NSW's best Iron Triangle: 40 knot (kt) speed; 4 crew + 19 passengers (pax)/10,000 pound (lb) payload; and 600 nautical miles (nm) range. CCM payload capacity enables inclusion of shock mitigating seats, which is critical for ride quality, operator tactical readiness, and operator health. At 60 feet long, CCM is C-17/C-5 transportable and can launch/recover by well deck or shore based trailer.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures Engineering Change Proposal (ECPs) and spares.

2. CCH: The CCH provides platoon-size maritime surface mobility. The current CCH is the Sea, Air, Land Insertion, Observation, and Neutralization (SEALION) craft. SEALION is a fully-enclosed, climate-controlled, semi-submersible craft that operates in contested environments. SEALION is NSW's most versatile and survivable combatant craft and the craft-of-choice for sensitive maritime intelligence, surveillance, and reconnaissance missions. Iron Triangle: 40 kt speed; 7 crew + 12 pax/3,300 lb payload; and 400 nm range. SEALION payload capacity enables inclusion of shock mitigating seats, which is critical for ride quality, operator tactical readiness, and operator health. At 77+ feet long, SEALION is C-17/C-5 transportable and can launch/recover by well deck or shore based mobile travel lift or crane.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures initial spares.

3. SOCR: The Riverine Craft provides the capability to insert and extract SOF in the riverine environment. The craft is capable of navigating restricted and shallow rivers, estuaries and bays. It is also capable of carrying light organic arms and is C-130 transportable.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 0204SCCS / COMBATANT CRAFT SYSTEMS
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160483BB, 1160484BB
Line Item MDAP/MAIS Code: N/A		
<p>4. CCFLIR: The CCFLIR program consists of a legacy CCFLIR and the CCFLIR2. The CCFLIR capability provides SOF with a multi-sensor, electro-optic system that enhances SOF effectiveness by improving their ability to detect, recognize, identify, range, track, and highlight objects of interest in a maritime environment. The legacy CCFLIR is under sustainment and is currently used on all NSW combatant craft. CCFLIR2 is installed on CCH and has begun installation on CCM.</p> <p>5. CCA: The CCA is a combatant craft for squad-size maritime mobility operations in contested environments. CCA is NSW's best craft for VBSS. It is the craft-of-choice for maritime interdiction and boarding operations because of the open deck space, maneuverability, and interoperability with an Afloat Forward Staging Base. Iron Triangle: 40 kt speed; five crew + 10 pax/5,000 lb payload; and 300 nm range. At 41 feet long, CCA is air transportable by C-130/C-17/C-5 and can launch/recover by crane, davit, well deck, or shore based trailer.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures two life cycle replacement CCAs.</p> <p>6. MPE: MPE is a family of standoff, loitering, man-in-the-loop weapons systems deployed on combatant craft and capable of targeting individuals, groups, vehicles, high value targets, and small oceangoing craft with low collateral damage. MPE consists of combatant craft alterations, integration of the MK 50 Remote Weapon System (RWS), and munition launcher systems. Munitions for this effort are funded through PEO SOF Warrior. FY22 begins transition from development to production. Funds procurement of Battle Management System (BMS) hardware and software, gun weapons system B-kits, and munition launcher B-kits.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures Battle Management System (BMS) hardware and software, two gun weapons system B-kits, and two munition launcher B-kits.</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																	Date: May 2021			
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:										Aggregated Items Title:					
0300D / 02 / 4					0204SCCS / COMBATANT CRAFT SYSTEMS										Combatant Craft Systems					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1 - Combatant Craft Medium (CCM)																				
1.1 / Craft System			-	-	142.334	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2 / Craft System (Congressional Add)			-	-	-	7.205	1	7.205	-	-	-	-	-	-	-	-	-	-	-	-
1.3 / Prime Movers			-	-	6.210	0.417	6	2.500	-	-	-	-	-	-	-	-	-	-	-	-
1.4 / Government Furnished Equipment (GFE), Engineering Change Proposals (ECPs), Spares			-	-	13.810	-	-	4.135	-	-	3.087	-	-	5.006	-	-	-	-	-	5.006
1.5 / Prior Years			-	-	38.144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1 - Combatant Craft Medium (CCM)			-	-	200.498	-	-	13.840	-	-	3.087	-	-	5.006	-	-	-	-	-	5.006⁽¹⁾
2 - Combatant Craft Heavy (CCH)																				
2.1 / Initial Spares			-	-	2.743	-	-	-	-	-	-	-	-	0.222	-	-	-	-	-	0.222
2.2 / Prior Years			-	-	17.720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2 - Combatant Craft Heavy (CCH)			-	-	20.463	-	-	-	-	-	-	-	-	0.222	-	-	-	-	-	0.222⁽²⁾
3 - Special Operations Craft Riverine (SOCR)																				
3.1 / Craft System			-	-	81.345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2 / Prime Movers and Detachment Deployment Packages (DDPs)			-	-	9.302	0.239	1	0.239	0.243	1	0.243	-	-	-	-	-	-	-	-	-
3.3 / ECPs			-	-	3.259	-	-	0.179	-	-	0.183	-	-	-	-	-	-	-	-	-
Subtotal: 3 - Special Operations Craft Riverine (SOCR)			-	-	93.906	-	-	0.418	-	-	0.426	-	-	-	-	-	-	-	-	-
4 - Combatant Craft Forward Looking Infrared System (CCFLIR)																				
4.1 / Next Generation (NG) CCFLIR Systems			-	-	14.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2 / NG CCFLIR2 Systems			-	-	-	0.674	26	17.520	1.027	6	6.162	-	-	-	-	-	-	-	-	-
4.3 / Prior Years			-	-	41.478	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4 - Combatant Craft Forward Looking Infrared System (CCFLIR)			-	-	55.746	-	-	17.520	-	-	6.162	-	-	-	-	-	-	-	-	-
5 - Combatant Craft Assault (CCA)																				
5.1 / Craft System			-	-	73.434	-	-	4.807 ⁽³⁾	3.309	2	6.617 ⁽⁴⁾	3.224	2	6.447	-	-	-	3.224	2	6.447
5.2 / Craft System (Congressional Add)			-	-	-	-	-	8.169 ⁽⁵⁾	-	-	16.000 ⁽⁶⁾	-	-	-	-	-	-	-	-	-
5.3 / GFE, ECPs, Prime Movers,			-	-	22.262	-	-	3.708	-	-	0.986	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 0204SCCS / COMBATANT CRAFT SYSTEMS						Aggregated Items Title: Combatant Craft Systems								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Ancillary Equipment, Spares																				
5.4 / Prior Years/ Congressional Add			-	-	20.739	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5 - Combatant Craft Assault (CCA)			-	-	116.435	-	-	16.684	-	-	23.603	-	-	6.447	-	-	-	-	-	6.447
6 - Maritime Precision Engagement (MPE)																				
6.1 / Battle Management System (BMS) Hardware and Software			-	-	-	-	-	-	-	-	-	-	-	3.205	-	-	-	-	-	3.205
6.2 / Gun Weapons System B-kits			-	-	-	-	-	-	-	-	0.500	2	1.000	-	-	-	0.500	2	1.000	
6.3 / Munition Launcher B-kits			-	-	-	-	-	-	-	-	0.600	2	1.200	-	-	-	0.600	2	1.200	
Subtotal: 6 - Maritime Precision Engagement (MPE)			-	-	-	-	-	-	-	-	-	-	5.405	-	-	-	-	-	5.405	
Prior Year Funding																				
1 / 1.1 - Prior Year Funding			-	-	97.910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Prior Year Funding			-	-	97.910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	584.958	-	-	48.462	-	-	33.278	-	-	17.080	-	-	-	-	-	17.080

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

- (1) \$1.919M increase funds first production molds for AFT Enclosure
- (2) Funds procurement of CCH3 unique Initial Spares (Post Acceptance Testing)
- (3) By combining Craft Systems (5.1) and Craft Systems (Congressional Add) (5.2) in FY20 into a single purchase order, Maritime was able to purchase four (4) Combatant Craft Assault (CCA) Systems due to an economic order quantity of \$3.244 million.
- (4) By combining Craft Systems (5.1) and Craft Systems (Congressional Add) (5.2) in FY21 into a single purchase order, Maritime was able to purchase six (6) Combatant Craft Assault (CCA) Systems due to an economic order quantity of \$3.244 million.
- (5) By combining Craft Systems (5.1) and Craft Systems (Congressional Add) (5.2) in FY20 into a single purchase order, Maritime was able to purchase four (4) Combatant Craft Assault (CCA) Systems due to an economic order quantity of \$3.244 million.
- (6) By combining Craft Systems (5.1) and Craft Systems (Congressional Add) (5.2) in FY21 into a single purchase order, Maritime was able to purchase six (6) Combatant Craft Assault (CCA) Systems due to an economic order quantity of \$3.244 million.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0204SPCPRG / SPECIAL PROGRAMS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	274.352	64.806	107.365	44.351	-	44.351	-	-	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	274.352	64.806	107.365	44.351	-	44.351	-	-	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	274.352	64.806	107.365	44.351	-	44.351	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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

Justification:

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

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0204TACVEH / TACTICAL VEHICLES
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160480BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,148.113	119.107	33.148	26.806	-	26.806	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,148.113	119.107	33.148	26.806	-	26.806	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,148.113	119.107	33.148	26.806	-	26.806	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	3.344	0.500	0.105	0.283	-	0.283	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Special Operations Forces (SOF) ground tactical vehicles are used for Counterterrorism, Counter-Proliferation, Foreign Internal Defense, Special Reconnaissance, Direct Action, and Unconventional Warfare missions, and serve as a weapons platform throughout all areas of the battlefield and/or mission area. The current SOF ground tactical vehicles include: Light Tactical All-Terrain Vehicle (LTATV), Ground Mobility Vehicles (GMV) (Medium), Non-Standard Commercial Vehicles (NSCV) for use in tactical missions, Mine Resistant Ambush Protected Vehicles (MRAP) and Stryker Vehicles (Heavy), and Joint Light Tactical Vehicle (JLTV). These ground tactical vehicles are highly effective in executing SOF contingency missions worldwide. This program supports the rapid fielding of SOF GMV (Medium) and NSCV. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$2.990 million appropriated for Overseas Contingency Operations.
 FY 2021 funding totals include \$2.990 million appropriated for Overseas Contingency Operations.
 FY 2022 funding totals include \$26.806 million Base with \$0.000 Direct War and \$2.666 million for Enduring Costs in the Base budget.

The FY 2022 funding request was reduced by \$1.650 million to account for the availability of prior year execution balances.

FY 2022 Fiscal Balancing -\$3.988 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.
 -\$3.988 million Non-Standard Commercial Vehicles.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity:
0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA
4: Other Procurement Programs

P-1 Line Item Number / Title:
0204TACVEH / TACTICAL VEHICLES

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160480BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Tactical Vehicles				- / 2,148.113	- / 119.107	- / 33.148	- / 26.806	- / -	- / 26.806
P-40	Total Gross/Weapon System Cost				- / 2,148.113	- / 119.107	- / 33.148	- / 26.806	- / -	- / 26.806

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. GMV (Medium). The GMV 1.1 is an extremely mobile vehicle capable of internal air transport in a MH-47 that allows SOF operators a fast roll-on/roll-off capability ideal for a full spectrum of operations. The GMV 1.1 is equipped with an A Kit to accept a Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) suite to provide an integrated and standardized communications platform.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 30 C4ISR/Electronic Countermeasure System (ECMS) A-Kits and initial spares.

2. NSCV. Program provides a base vehicle that is representative of the local area where SOF is operating, and then installs SOF-peculiar modifications to provide increased protection, mobility, and communications. Depending on the mission, SOF modifications may include armor protection, winch, high capacity alternator, upgraded brakes and suspension system, and mounts/antennas for communications equipment. These low signature vehicles allow SOF to blend in with the local population in various locations around the world. This program received OCO funding in FY 2020 and FY 2021. The FY 2022 funding request includes funding for Enduring Costs in the Base Budget.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 32 armored NSCVs, 32 C4ISR/ECMS A-Kits, and production and fielding support (shipping and training).

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 7 armored NSCVs, 7 C4ISR/ECMS A-Kits, and fielding support (shipping and training).

FY 2022 Fiscal Balancing -\$3.988 million is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces Non Standard Commercial Vehicles lifecycle replacement for armored vehicles and associated C4ISR kits.

3. Stryker. Stryker is a 8x8 armored vehicle fielded by the US Army to the Ranger Regiments. The Stryker fulfills an immediate requirement to provide Commanders with a strategically deployable (C-17/C-5) and operationally deployable (C-130) brigade capable of rapid movement anywhere on the globe in a combat ready configuration. Stryker vehicles have robust armor protection, can sustain speeds of 60 miles-per hour, carries a nine-man infantry squad and has a Remote Weapon Station with an M2.50 caliber machine gun or MK-19, 40mm grenade launcher. The Stryker provides maneuverability in close and urban terrain, while providing protection in open terrain. USSOCOM reprogrammed FY20 PROC to configure 26 of 60 Strykers with SOF-unique C4 kits.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 34 of 60 required SOF-unique C4 A-Kits, fielding support and new equipment training.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 0204TACVEH / TACTICAL VEHICLES						Aggregated Items Title: Tactical Vehicles								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1. Ground Mobility Vehicle (GMV) (Medium)																				
1a / Base Vehicle & Special Operations Forces (SOF) Kits			-	-	192.352	0.411	52	21.372	-	-	-	-	-	-	-	-	-	-	-	
1b / Base Vehicle & SOF Kits - Overseas Contingency Operations (OCO)			-	-	40.284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1c / C4ISR/Electronic Countermeasures Systems (ECMS) A-Kits			-	-	74.584	0.103	117	12.051	0.115	18	2.070	0.115	30	3.450	-	-	-	0.115	30	3.450
1d / Advanced Armor Kits - OCO			-	-	25.817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1e / Production Support			-	-	23.876	-	-	3.705	-	-	-	-	-	-	-	-	-	-	-	
1f / Initial Spares			-	-	3.294	-	-	0.500	-	-	0.105	-	-	0.283	-	-	-	-	-	0.283
1g / Base Vehicle & SOF Kits Congressional Plus Up (CPU)			-	-	4.344	0.411	65	26.715	-	-	-	-	-	-	-	-	-	-	-	
1h / C4ISR /ECMS - A-Kits (CPU)			-	-	-	0.103	62	6.386	-	-	-	-	-	-	-	-	-	-	-	
1i / Initial Spares (CPU)			-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1j / Production Support (CPU)			-	-	0.052	-	-	0.199	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 1. Ground Mobility Vehicle (GMV) (Medium)			-	-	364.653	-	-	70.928	-	-	2.175	-	-	3.733	-	-	-	-	-	3.733
2. Non-Standard Commercial Vehicle (NSCV)																				
2a / Armored NSCV			-	-	119.570	0.240	74	17.760	0.255	61	15.576	0.260	39	10.140	-	-	-	0.260	39	10.140
2b / Armored NSCV - OCO			-	-	26.131	0.240	8	1.920	0.249	12	2.990	-	-	-	-	-	-	-	-	
2c / Unarmored NSCV			-	-	15.394	0.160	79	12.640	0.179	10	1.790	-	-	-	-	-	-	-	-	
2d / Unarmored NSCV - OCO			-	-	-	0.160	1	0.160	-	-	-	-	-	-	-	-	-	-	-	
2e / C4ISR/ECMS - A Kits			-	-	43.827	0.100	91	9.100	0.110	83	9.130	0.110	39	4.290	-	-	-	0.110	39	4.290
2f / C4ISR/ECMS - A Kits - OCO			-	-	10.822	0.100	8	0.800	-	-	-	-	-	-	-	-	-	-	-	
2g / Production and Fielding Support			-	-	19.740	-	-	0.799	-	-	1.487	-	-	2.307	-	-	-	-	-	2.307
2h / Armored NSCV - CPU			-	-	1.953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204TACVEH / TACTICAL VEHICLES **Aggregated Items Title:** Tactical Vehicles

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2i / C4ISR/ECMS - A Kits (CPU)			-	-	0.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2j / Production and Fielding Support - OCO			-	-	0.591	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 2. Non-Standard Commercial Vehicle (NSCV)			-	-	238.928	-	-	43.179	-	-	30.973	-	-	16.737	-	-	-	-	16.737	
3. Mine Resistant Ambush Protected Vehicles (MRAP) Stryker																				
3a / Stryker C4 A-Kits			-	-	-	0.190	26	4.940	-	-	-	0.185	34	6.296	-	-	-	0.185	34	6.296
3b / Fielding and Training			-	-	-	-	-	0.060	-	-	-	-	-	0.040	-	-	-	-	-	0.040
Subtotal: 3. Mine Resistant Ambush Protected Vehicles (MRAP) Stryker			-	-	-	-	-	5.000	-	-	-	-	-	6.336	-	-	-	-	-	6.336
4. Prior Years																				
4a / Prior Years Funding			-	-	1,544.532	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4. Prior Years			-	-	1,544.532	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	2,148.113	-	-	119.107	-	-	33.148	-	-	26.806	-	-	-	-	-	26.806

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,706.387	344.003	342.606	284.548	-	284.548	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,706.387	344.003	342.606	284.548	-	284.548	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,706.387	344.003	342.606	284.548	-	284.548	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 Line Item provides for the procurement, rapid fielding, and associated costs of specialized equipment in the areas of communications, weapons, soldier protection and survival systems, Counter Radio-Controlled Improvised Explosive Device (RC-IED) jamming systems, Counter-Unmanned Aircraft Systems (C-UAS), Visual Augmentation Systems (VAS): optics, lasers and simulators, radios, trainers, simulators, mission planning and rehearsal systems to meet Special Operations Forces (SOF)-unique requirements. The efforts within this P-1 Line Item improve SOF warfighting capabilities by continuing the procurement of smaller, lighter, more efficient and more robust capabilities. Communications 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 U.S. Government, Air Traffic Control, commercial agencies and allied foreign forces. Small Arms and Weapons procures SOF weapons and associated equipment that have increased capabilities over the service-common small arms. Specialized protection and survival equipment improves survivability and load bearing equipment impacting the mobility of SOF while conducting varied missions. RC-IED jamming force protection system will further enhance the bandwidth performance to defeat emerging radio frequency detonation threats during mobile and dismount operations. C-UAS enhances the SOF Operator's ability to detect, track, identify, exploit and defeat specific stand-off unmanned weapon threats. Visual augmentation, lasers and sensor systems, simulators and accessories provide SOF with day and night detection, observation, engagement, assessment and proficiency training capabilities that exceed service-common systems and optimizes hyper-enabled operator effectiveness. Tactical radios rapidly and seamlessly establish and maintain mobile and fixed Command and Control (C2) communications between operational elements and higher echelon headquarters, allowing SOF to operate with any force combination in multiple environments. Mission Command System Common Operational Picture (MCS/COP) procures new technology hardware components for establishing a unified SOF COP across all domains at the strategic, operational and tactical level. These capabilities will be pursued via rapid fielding techniques when appropriate.

FY 2020 funding totals include \$36.762 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$38.873 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$284.548 million Base with \$0.000 million Direct War and \$24.677 million for Enduring Costs in the Base Budget.

FY 2022 Fiscal Balancing: -\$3.451 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.

-\$0.120 million Satellite Deployable Node.

-\$1.246 million Counter Radio Controlled-Improvised Explosive Device.

-\$1.842 million Counter Unmanned Aircraft System.

-\$0.243 million SOF Tactical Communications (STC).

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs **P-1 Line Item Number / Title:** 0204WARSYS / WARRIOR SYSTEMS <\$5M

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160431BB

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Category - WARRIOR SYSTEMS <\$5M / 1. Special Communication (SPCOM) Enterprise				- / 16.448	- / 5.776	- / 8.988 ⁽¹⁾	- / 5.434	- / -	- / 5.434
P-40a	Category - WARRIOR SYSTEMS <\$5M / 2. Satellite Deployable Node (SDN)				- / 629.577	- / 113.110	- / 61.655 ⁽²⁾	- / 80.375 ⁽³⁾	- / -	- / 80.375
P-40a	Category - WARRIOR SYSTEMS <\$5M / 3. SCAMPI				- / 116.155	- / 29.535	- / 51.440	- / 50.749	- / -	- / 50.749
P-40a	Category - WARRIOR SYSTEMS <\$5M / 4. Weapons				- / 53.681	- / 17.551	- / 17.761	- / 11.262	- / -	- / 11.262
P-40a	Category - WARRIOR SYSTEMS <\$5M / 5. Tactical Combat Casualty Care (TCCC)				- / 53.093	- / 2.839	- / 2.645	- / 2.707	- / -	- / 2.707
P-40a	Category - WARRIOR SYSTEMS <\$5M / 6. Counter Radio Controlled-Improvised Explosive Device (RC-IED)				- / 153.579	- / 13.360	- / 11.203 ⁽⁴⁾	- / 9.634	- / -	- / 9.634 ⁽⁵⁾
P-40a	Category - WARRIOR SYSTEMS <\$5M / 7. Counter Unmanned Aircraft System (C-UAS)				- / 8.500	- / 12.250	- / 37.557	- / 14.235	- / -	- / 14.235
P-40a	Category - WARRIOR SYSTEMS <\$5M / 8. Visual Augmentation Systems (VAS) - Optics				- / 228.314	- / 25.447	- / 16.755 ⁽⁶⁾	- / 20.848	- / -	- / 20.848
P-40a	Category - WARRIOR SYSTEMS <\$5M / 9. Visual Augmentation Systems (VAS) - Lasers				- / 77.522	- / 21.730	- / 9.987 ⁽⁷⁾	- / 6.689	- / -	- / 6.689
P-40a	Category - WARRIOR SYSTEMS <\$5M / 10. Visual Augmentation Systems (VAS) - Simulators				- / 1.512	- / 2.405	- / 1.142 ⁽⁸⁾	- / 1.166	- / -	- / 1.166
P-40a	Category - WARRIOR SYSTEMS <\$5M / 11. SOF Tactical Communications (STC)				- / 312.006	- / 92.362	- / 115.633	- / 62.480 ⁽⁹⁾	- / -	- / 62.480
P-40a	Category - WARRIOR SYSTEMS <\$5M / 12. Radio Integration System (RIS)				- / 31.127	- / 5.727	- / 3.386	- / 13.797 ⁽¹⁰⁾	- / -	- / 13.797
P-40a	Category - WARRIOR SYSTEMS <\$5M / 13. Blue Force Tracking (BFT)				- / 24.873	- / 1.911	- / 3.079	- / 3.785	- / -	- / 3.785
P-40a	Category - WARRIOR SYSTEMS <\$5M / 14. Mission Command System Common Operational Picture (MCS/COP)				- / -	- / -	- / 1.375	- / 1.387	- / -	- / 1.387
P-40	Total Gross/Weapon System Cost				- / 1,706.387	- / 344.003	- / 342.606	- / 284.548	- / -	- / 284.548

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title / Category Title when only P-40a Categories are shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

1. Special Communications (SPCOM) Enterprise. Program includes organization, practices, processes, services, networks, systems and subsystems that manage and provide clandestine exchange of information between elements (field-to-field, field-to-base and base-to-field) for worldwide deployed SOF units, often in austere environments with heavy adversarial monitoring. Acquisition efforts are structured for rapid procurements to counter adaptable emerging threats in all theaters of SOF sensitive missions. This program received OCO funding in FY 2020.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 13 field mission sets, as well as enterprise segment and base end segment such as mission-tailored, anti-intrusion/detection, enterprise-level, obfuscated communication capabilities for sensitive missions.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 6 field mission sets, as well as enterprise segment and base end segment such as mission-tailored, anti-intrusion/detection, enterprise-level, obfuscated communication capabilities for sensitive missions.

2. Satellite Deployable Node (SDN). Family of deployable, super high frequency, multi-band, Satellite Communications (SATCOM) systems providing the transport path for high-capacity, voice, data, Video Teleconferencing (VTC), and Intelligence Surveillance Reconnaissance (ISR) Full Motion Video (FMV) at all levels of classification. It consists of SDN subprograms, transport for intelligence variants, technology insertions and capital equipment replacement, to include FMV and Communications-On-the-Move (COTM). SDN-Heavy (SDN-H) is a deployable multi-channel/multi-band SATCOM terminal and associated switching equipment that provides wide-area connectivity through SOCOM Strategic Entry Points (SSEP) and commercial teleports for SOF task forces. SDN-Medium (SDN-M) is a lightweight, multi-channel SATCOM system that provides Command, Control, Communications, and Computers (C4) for SOF mid-level tactical headquarters and operational elements. SDN-Light (SDN-L) is a rugged, portable SATCOM package that supports small SOF liaison teams and small operational elements. Wide-band COTM consists of SDN afloat, ground mobile and airborne packages for SOF elements. The SDN ISR supports multimedia (ground, air, sea) sensor data backhaul and reception between platforms and various networks. This program received OCO funding in FY 2020 and FY2021.

FY 2022 BASE PROGRAM JUSTIFICATION: Capital Equipment Replacement Program (CERP) seven SDN-H, CERP 49 SDN-M, CERP 254 SDN-L, CERP FMV - Evolutionary Technology Insertions (ETIs), CERP Extension Packages, COTM ETIs, CERP COTM ETIs, and CERP 42 Light Vx Variants.

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: CERP COTM ETIs.

FY 2022 Fiscal Balancing -\$0.120 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces CERP of hardware for one SDN Light.

3. SCAMPI (not an acronym). Wide Area Network (WAN) foundation system that transports, encrypts, and accelerates all data, voice, and video information between Headquarters United States Special Operations Command (USSOCOM), SOF deployed forces, all subordinate commands, and selected government agencies and activities directly supporting the special operations community. SCAMPI provides transport of SOF data, voice, and video, for all classification levels, to all USSOCOM locations in the SOF Information Environment (SIE). SCAMPI also utilizes commercial Satellite Infrastructure globally to extend the SIE to SDNs. SCAMPI also includes the Airborne Intelligence, Surveillance, and Reconnaissance (AISR) Transport Infrastructure, which is a system of systems providing high quality, near real-time, and low latency transport of AISR sensor data supporting Command and Control (C2) Communications through, with, and among AISR assets, Processing, Exploitation, and Dissemination (PED) cells, data processing nodes, Tactical and Joint Operations Centers (TOCs/JOCs) and theater dissemination systems. AISR Transport Infrastructure includes a combination of SATCOM paths, regional ground entry points, terrestrial connectivity, and networking infrastructure necessary to provide management and monitoring for the AISR Transport Infrastructure capability. This program received OCO funding in FY 2020 and FY 2021.

FY 2022 BASE PROGRAM JUSTIFICATION: CERP one Special Purpose Processing Node (SPPNs), procures one Installation Gateway (IG), CERP 14 Installation Gateways, and CERP nine AISR Transport manned/unmanned hubs.

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: CERP one Strategic Installation Gateway (SIG).

4. Weapons. Provides the SOF operator with common caliber weapons that enable SOF to accurately engage enemy personnel and materiel in all SOF environments at ranges up to 1500 meters. The Weapons program is delineated into four sub-programs: Weapons-Rifles, Weapons-Sniper Rifles, Weapons-Machine Guns, and Weapons-Handguns. Weapons include common caliber pistols to engage at close range, modular assault rifles to engage out to 600 meters, Sniper Support Rifles to engage out to 800 meters, sniper rifles to engage out to 1500 meters, shoulder fired grenade launchers, vehicle and man-portable high velocity grenade launchers, machine guns to engage out to 1000 meters, multi-barreled mini-guns which can be mounted on boats, vehicles, aircraft, and ground mounted to engage out to 3,500 meters, and Weapon Accessories to include suppressors used on both service-common and SOF weapons. These enable the operator to tailor the configuration of the weapon to the assigned mission and operational environment, enhancing the overall effectiveness of the weapons, which enables mission accomplishment and operator survivability. Mid-Range Gas Gun (MRGG), Lightweight Machine Gun-medium, and Personal Defense Weapons System (PDW) are designated Middle Tier Acquisition programs which uses the rapid fielding pathway and is executed using existing contracts, government agencies, and new contract competitively selected as appropriate.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		
<p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 495 Rifle Upper Receiver Groups (URG), 75 MK 15 Sniper Rifles, 327 Advanced Sniper Rifles (ASR), 296 Glock 19 Handguns and weapons range equipment.</p> <p>5. Tactical Combat Casualty Care (TCCC). Provides medical devices and equipment for treatment of casualties in support of forward deployed SOF. This program consists of the Operator Kit, Medic Kit, and Casualty Evacuation (CASEVAC) Set. The TCCC Program procures a variety of Food and Drug Administration-approved medical items include intraosseous (injection into the bone marrow) infusion devices; patient monitoring and assessment devices; emergency airway kits; and devices that support patient management, extraction, transportation, and casualty care. The TCCC program fields essential lifesaving CASEVAC equipment and capabilities and is a platform to transition capabilities developed under the National Mission Force's Tactical Medical Program. Finally, this program provides significant ability to lessen battlefield losses by providing timely, critical lifesaving, and evacuation capabilities to forward-deployed SOF Operators. This program received OCO funding in FY 2020 and FY 2021.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 6 CASEVAC sets and production support.</p> <p>FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 9 CASEVAC sets.</p> <p>6. Counter Radio-Controlled Improvised Explosive Device (RC-IED). Centralized program that provides a capability for USSOCOM to acquire Electronic Counter Measures (ECM) systems. Mounted and Dismounted system designs provide force protection while operating in various environments. These systems are designed for easy update to protect against an evolving threat matrix. Continued procurement of the low visibility ECM force protection system will further enhance the bandwidth performance to defeat emerging radio frequency (RF) detonation threats during mobile and dismount operations. This program provides scalable ECM systems whose configuration and modularity address a mission critical capability gap to counter the proliferation of RF controlled devices globally. USSOCOM coordinates with other government agencies and Services to maximize hardware procurement savings through economies of scale. The procurement of SOF-specific ECM systems provides unique special mission ECM capabilities to National and Explosive Ordnance Disposal (EOD) units.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures critical ECM system modernization upgrades that will address ongoing 5G threats and posture for great power competition. Due to a cross-service partnership with United States Marine Corps (USMC), Army, and other Government Agencies (OGA) for procurement of Modi, USSOCOM was able to achieve per unit cost savings of 45-55% on last two orders. As a result, USSOCOM has procured to our full operational capability (FOC) of 1095 devices. The remaining FY21 and FY22 funding will transition towards accelerating ECM modernization upgrades.</p> <p>FY 2022 Fiscal Balancing -\$1.246 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces ECM modernization upgrades.</p> <p>7. Counter-Unmanned Aircraft System (C-UAS). Provides the SOF Operator with a wide range of lightweight, low signature, and autonomous capabilities in mounted, dismounted and expeditionary fixed site configurations to protect against a wide range of unmanned threats. These capabilities include but are not limited to RF detection and defeat, acoustic, radar, electro-optical infrared (EO/IR), and interceptors that will enable the SOF operator to detect, identify, classify, locate, track, deter, defeat and exploit unmanned system threats in hostile and denied environments. While the services focus primarily on providing capability to address fixed site defense of Forward Operating Bases (FOB), SOF C-UAS requires a level of autonomy and limited signature unique to SOF missions. C-UAS supports the Interim National Security Strategic Guidance (INSSG) priority in providing joint lethality in contested environments by its continuous efforts in developing a variety of countermeasures to address C-UAS emerging threats. This program received OCO funding in FY 2020 and FY 2021.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 3 C-UAS devices (to include, but not limited to: passive/active mounted, dismounted and expeditionary fixed site) and ancillary equipment for overt, low visibility, and rapid deployment Contingency Operations (CONOPs) through the implementation and coordination of a Systems Integration Partner (SIP).</p> <p>FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 7 C-UAS devices (to include, but not limited to: passive/active mounted, dismounted and expeditionary fixed site) and ancillary equipment for overt, low visibility, and rapid deployment CONOPs through the implementation and coordination of a Systems Integration Partner (SIP).</p> <p>FY 2022 Fiscal Balancing -\$1.842 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes. Reduces Expeditionary Fixed Site C-UAS systems fielded to austere locations.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		

8. Visual Augmentation Systems (VAS) - Optics. Provides the SOF operator with lightweight, man-portable thermal imagers that detect, acquire, and observe targets during day/night operations; equip the sniper with a lightweight, low signature, fire control and observation device that allows operators to detect, acquire, and engage targets out to the weapon's maximum effective range under day/night conditions; the devices allow the sniper to utilize the weapon during day to night operations without re-zeroing. VAS optics enhances target acquisition and accuracy of all SOF weapons, resulting in increased mission accomplishment and operator survivability.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 240 Clip on Thermal Imagers, 100 Clip on Short Wave Infrared Imagers, 949 Squad-Variable Power Scopes (S-VPS) (SFP) SU-293/VPS, 597 S-VPS (FFP) SU-294/VPS, 1,000 SU-91/PVS Day Optics Handgun Reflex Sight (HRS), 1,242 Clip on Magnifiers, 1800 Precision-Variable Power Scopes (P-VPS) and production support.

FY 2022 ENDURING COSTS PROGRAM JUSTIFICATION: Procures 473 Squad-Variable Power Scopes (S-VPS) (SFP) SU-293/VPS and 508 Clip on Magnifiers

9. VAS - Lasers. Provides markers, lasers (handheld, body or helmet worn), infrared sights, and small target location devices. Provides laser target designators with range finding capability. The marker and location devices allow operators to conduct close air support and air interdiction missions through the terminal guidance of laser-guided munitions and provide precise location of targets. The marking devices reduce collateral damage and increase precise target engagements with fighter aircraft and attack helicopters. Thermal devices provide a night vision capability and verify that the energy from the device is on the target. This system is specifically gated and turned to view the invisible laser spot of the marker for use in designating laser guided bombs to targets. The Small Target Location Device (STLD) provides precise location of devices via lasers and celestial/terrestrial or alternative positional subsystems. Thermal beacon enables assets equipped with thermal sensors to identify the location of forces in order to prevent friendly fire or fratricide events. This budget item incorporated the VAS Weapons Accessories - Advanced Target Pointer Illuminator Aiming Laser (ATPIAL), and Laser Aiming Markers (LAM) programs.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures 1,200 ATPIAL Squad Aiming Lasers, 100 ATPIAL Precision Aiming Lasers, 400 ATPIAL Ranging Aiming Laser, and production support.

10. VAS – Simulators. Simulator trainers enable SOF operators to learn, enhance, and hone skills at a greatly reduced cost to training on a weapons range with live munitions. This item procures various simulators to enhance skills, such as the Joint Terminal Attack Controller (JTAC) simulation training for forward deployed SOF operators who direct the action of combat aircraft engaged in close air support and other offensive air operations. There are three required configurations, which include a full immersive system, classroom systems, and deployable system. The immersive and classroom configurations provide a full realistic simulation which addresses multiple phases of training to include proficiency, readiness, and mission preparation. The deployable configuration will support Host Nation/Partner Nation (HN/PN) training, as well as internal currency and rehearsal requirements when a JTAC is away from the garrison unit during training or forward deployed.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures three Joint Terminal Attack Controller (JTAC) simulators.

11. SOF Tactical Communications (STC). Provides the next generation SOF communication system and replaces most of the currently fielded SOF suite of radios. The capability will consist of four basic form factors: 1) Man-Pack (MP) device will be a multi-band device capable of being carried by an individual or being mounted on various SOF platforms; 2) High Frequency (HF) device in a man-pack configuration will be capable of being mounted on various SOF platforms; 3) Handheld (HH) device is a smaller form capable of multi-band; 4) Handheld Link-16 device introduces additional capabilities to SOF to improve current situational awareness capabilities and performance on SOF platforms. Capabilities will include: real time, hostile and friendly force information; Line of Sight (LOS) and Beyond LOS communications; and access to situational awareness in the form of intelligence inputs, broadcasts, and networks. This system will be a key component of an integrated network providing information connectivity among SOF, the Services, other government agencies, and potentially indigenous and surrogate forces. This program received OCO funding in FY 2020 and FY 2021 and a Congressional Add in FY 2021.

FY 2022 BASE PROGRAM JUSTIFICATION: Procures CERP 1,838 MP radios.

FY 2022 Fiscal Balancing -\$0.243 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy drive changes. Reduces Capital Equipment Replacement Program (CERP) for Manpack radios.

12. Radio Integration System (RIS). RIS provides the command, control, and communications (C3) linkage between deployed SOF bases and Liaison Officer (LNO) teams to SOF, SOF headquarters, and SOF support elements. RIS is an evolutionary acquisition program that procures the latest tactical C3 communications system for deployed and forward-based SOF and is fully modular and scalable, consisting of

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		
<p>subsystems that allow users to tailor system capabilities, size, and features dependent on a particular mission. RIS interfaces, enhances, and combines multiple single channel radios into one integrated C3 suite to exchange secure/non-secure voice, secure data, and remote communications with other communications platforms in support of the SOF mission. The RIS family of systems includes the Multi-Band Radio Transit (MBR-T) Case, High Frequency (HF) Transit Case, and Mobile Base Station, which provide operators with increased capability, greater scalability, and a reduction in the size, weight, and power of previously fielded versions. RIS MBR-T variants include Specialized Multiband Radio Transit Systems (SMRTS) – Base Station (B) and SMRTS-Command and Control (C). RIS MBR-M variants include SMRTS-Amplifier (A) and Digital Aided Close Air Support (DACAS). These variants enable integration of existing and future radios which facilitates the SOF operational commander's ability to exercise reliable, effective, and efficient C3 functions regardless of area of operation.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 22 SMRTS-B, 30 SMRTS-C, nine HF Transit Cases, 29 SMRTS-A and nine DACAS.</p> <p>13. Blue Force Tracking (BFT). Family of devices used to remotely track and monitor Blue Forces. The capability enhances C2, threat warning, force protection, situational awareness, combat search and rescue, personnel recovery, counter-fratricide, and battlefield visualization. This capability is unique to SOF because it requires the devices to be lightweight, portable, secure and have a Low Probability of Intercept/Low Probability of Detection. SOF systems include handheld devices that provide automated transmission of position location information and brevity codes supporting both ground and air assets. This information is collected by national or commercial assets, relayed to select command units, and displayed on the receiving unit's Common Operational Picture.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures 304 Riverjack Tracker (RJT) and 135 Lightning Bolt Handheld (LBHH).</p> <p>14. MCS/COP. MCS/COP provides shared situational awareness for SOF Commanders across all domains at tactical, operational, and strategic levels. The MCS/COP delivers a near real time Common Operational Picture for understanding of the intelligence and operational environment and support decision making.</p> <p>FY 2022 BASE PROGRAM JUSTIFICATION: Procures new technology for a unified SOF Common Operating Picture. High performance cloud computing infrastructure.</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M						Aggregated Items Title: WARRIOR SYSTEMS <\$5M								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1. Special Communication (SPCOM) Enterprise																				
1a / SPCOM Field Mission Sets			-	-	13.255	0.169	21	3.559	0.165	15	2.477	0.166	19	3.156	-	-	-	0.166	19	3.156
1b / SPCOM Enterprise Segment Capabilities			-	-	1.836	-	-	0.108	-	-	0.110	-	-	2.177	-	-	-	-	-	2.177
1c / SPCOM Enterprise Segment Capabilities - Overseas Contingency Operations (OCO)			-	-	-	-	-	2.012	-	-	2.052	-	-	-	-	-	-	-	-	-
1d / SPCOM Base End Segment Capabilities			-	-	1.357	-	-	0.097	-	-	4.349	-	-	0.101	-	-	-	-	-	0.101
Subtotal: 1. Special Communication (SPCOM) Enterprise			-	-	16.448	-	-	5.776	-	-	8.988⁽¹⁾	-	-	5.434	-	-	-	-	-	5.434
2. Satellite Deployable Node (SDN)																				
2a / SDN-H Hardware Heavy - Capital Equipment Replacement Program (CERP)			-	-	69.106	1.028	9	9.251	1.078	7	7.543	1.111	7	7.774	-	-	-	1.111	7	7.774
2b / SDN-H Hardware Replacement - (OCO)			-	-	-	1.300	1	1.300	-	-	-	-	-	-	-	-	-	-	-	-
2c / SDN Medium Hardware - CERP			-	-	149.556	0.312	65	20.250	0.327	36	11.771	0.330	49	16.164	-	-	-	0.330	49	16.164
2d / SDN Light Hardware - CERP			-	-	156.221	0.140	302	42.425	0.151	178	26.872	0.156	254	39.623	-	-	-	0.156	254	39.623
2e / SDN Light Hardware - Replacement - OCO			-	-	1.260	0.143	24	3.440	-	-	-	-	-	-	-	-	-	-	-	-
2f / Predator Receive Terminal (PRT) - CERP			-	-	16.273	2.184	3	6.552	-	-	-	-	-	-	-	-	-	-	-	-
2g / Full Motion Video (FMV) - Evolutionary Technology Insertion (ETI) - CERP			-	-	4.771	-	-	1.124	-	-	1.159	-	-	1.791	-	-	-	-	-	1.791
2h / Extension Package - CERP			-	-	3.426	-	-	1.054	-	-	1.175	-	-	0.576	-	-	-	-	-	0.576
2i / Extension Package - OCO			-	-	-	-	-	0.281	-	-	0.288	-	-	-	-	-	-	-	-	-
2j / Comms-On-the-Move - ETI			-	-	10.175	-	-	12.859	-	-	7.298	-	-	8.209	-	-	-	-	-	8.209
2k / Comms-On-the-Move - ETI - CERP			-	-	4.690	-	-	2.111	-	-	0.778	-	-	1.905	-	-	-	-	-	1.905

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4	P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M	Aggregated Items Title: WARRIOR SYSTEMS <\$5M
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2l / Comms-On-the-Move - OCO			-	-	7.280	-	-	0.516	-	-	0.525	-	-	-	-	-	-	-	-	
2m / Light Vx Variant - CERP			-	-	11.585	0.098	42	4.123	0.101	42	4.246	0.103	42	4.333	-	-	-	0.103	42	4.333
2n / Ku-band Spread Spectrum Ingest Hub - CERP			-	-	28.885	1.956	4	7.824	-	-	-	-	-	-	-	-	-	-	-	
2o / Prior Year Funding			-	-	124.943	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2p / Prior Year Funding - OCO			-	-	41.406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 2. Satellite Deployable Node (SDN)			-	-	629.577	-	-	113.110	-	-	61.655⁽²⁾	-	-	80.375⁽³⁾	-	-	-	-	-	80.375
3. SCAMPI																				
3a / Special Purpose Processing Node (SPPN) - CERP			-	-	3.387	0.759	1	0.759	0.779	1	0.779	0.793	1	0.793	-	-	-	0.793	1	0.793
3b / Installation Gateway (New)			-	-	27.181	0.910	1	0.910	0.933	1	0.933	0.949	1	0.949	-	-	-	0.949	1	0.949
3c / Installation Gateway - CERP			-	-	52.316	1.159	9	10.432	1.632	9	14.689 ⁽¹¹⁾	1.681	14	23.531	-	-	-	1.681	14	23.531
3d / Installation Gateway - CERP OCO			-	-	-	1.227	7	8.588	1.728	5	8.640	-	-	-	-	-	-	-	-	-
3e / Strategic Installation Gateway (SIG) - CERP			-	-	29.370	8.846	1	8.846	9.071	1	9.071	8.105	1	8.105	-	-	-	8.105	1	8.105
3f / Airborne Intelligence, Surveillance, and Reconnaissance (ISR) - Transport Manned/ Unmanned Hubs			-	-	-	-	-	-	1.925	9	17.328	1.930	9	17.371	-	-	-	1.930	9	17.371
3g / Prior Year Funding			-	-	3.901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3. SCAMPI			-	-	116.155	-	-	29.535	-	-	51.440	-	-	50.749	-	-	-	-	-	50.749
4. Weapons																				
4a / Rifle - Upper Receiver Group (URG)			-	-	17.612	0.008	1,365	10.920	0.010	508	5.081	0.010	495	4.945	-	-	-	0.010	495	4.945
4b / Rifle - Upper Receiver Group (URG) Kit - Congressional Add			-	-	-	-	-	-	0.001	6,794	6.300	-	-	-	-	-	-	-	-	-
4c / Sniper Rifle - MK 15			-	-	2.631	0.008	20	0.160	0.008	76	0.604	0.008	75	0.600	-	-	-	0.008	75	0.600

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204WARSYS / WARRIOR SYSTEMS <\$5M **Aggregated Items Title:** WARRIOR SYSTEMS <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4d / Advanced Sniper Rifle (ASR)			-	-	0.200	0.010	384	3.840	0.012	303	3.633	0.011	327	3.597	-	-	-	0.011	327	3.597
4e / Machine Gun - MK 46 - OCO			-	-	0.600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4f / Handgun - Glock 19			-	-	8.286	0.002	261	0.522	0.002	298	0.595	0.002	296	0.592	-	-	-	0.002	296	0.592
4g / Range Equipment			-	-	3.933	-	-	2.109	-	-	1.548	-	-	1.528	-	-	-	-	-	1.528
4h / Prior Year Funding			-	-	19.934	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4i / Prior Year Funding - Congressional Add			-	-	0.485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4. Weapons			-	-	53.681	-	-	17.551	-	-	17.761	-	-	11.262	-	-	-	-	-	11.262
5. Tactical Combat Casualty Care (TCCC)																				
5a / Casualty Evacuation (CASEVAC) Sets			-	-	23.845	0.170	7	1.190	0.172	6	1.031	0.178	15	2.670	-	-	-	0.178	15	2.670
5b / CASEVAC Sets - OCO			-	-	26.843	0.170	9	1.530	0.173	9	1.561	-	-	-	-	-	-	-	-	-
5c / Production Support			-	-	0.468	-	-	0.088	-	-	0.053	-	-	0.037	-	-	-	-	-	0.037
5d / Production Support - OCO			-	-	0.436	-	-	0.031	-	-	-	-	-	-	-	-	-	-	-	-
5e / Prior Year Funding - Congressional Interest Item			-	-	1.501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5. Tactical Combat Casualty Care (TCCC)			-	-	53.093	-	-	2.839	-	-	2.645	-	-	2.707	-	-	-	-	-	2.707
6. Counter Radio Controlled-Improvised Explosive Device (RC-IED)																				
6a / RC-IED Device			-	-	107.360	0.140 ⁽¹²⁾	74	10.360	-	-	-	-	-	-	-	-	-	-	-	-
6b / Electronic Counter Measures (ECM) System Modernization ⁽¹³⁾			-	-	-	0.050	60	3.000	0.050	224	11.203	0.050	193	9.634	-	-	-	0.050	193	9.634
6c / Ancillary Equipment ⁽¹⁴⁾			-	-	14.678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6d / Prior Year Funding			-	-	14.630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6e / Prior Year Funding - OCO			-	-	16.911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6. Counter Radio Controlled-Improvised Explosive Device (RC-IED)			-	-	153.579	-	-	13.360	-	-	11.203⁽⁴⁾	-	-	9.634	-	-	-	-	-	9.634⁽⁵⁾
7. Counter Unmanned Aircraft System (C-UAS)																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204WARSYS / WARRIOR SYSTEMS <\$5M **Aggregated Items Title:** WARRIOR SYSTEMS <\$5M

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
7a / C-UAS Ancillary Equipment ⁽¹⁵⁾			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.271	
7b / C-UAS Ancillary Equipment - OCO ⁽¹⁶⁾			-	-	-	-	-	1.694	-	-	1.602	-	-	-	-	-	-	-	-	
7c / C-UAS Devices ⁽¹⁷⁾			-	-	-	-	-	-	-	-	-	1.196 ⁽¹⁸⁾	10	11.964	-	-	-	1.196 ⁽¹⁹⁾	10	11.964
7d / C-UAS Devices - OCO ⁽²⁰⁾			-	-	-	0.024 ⁽²¹⁾	432	10.556	0.051 ⁽²²⁾	215	10.955	-	-	-	-	-	-	-	-	
7e / C-UAS Congressional Add			-	-	-	-	-	-	1.389 ⁽²³⁾	18	25.000 ⁽²⁴⁾	-	-	-	-	-	-	-	-	
7f / Prior Year Funding			-	-	8.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 7. Counter Unmanned Aircraft System (C-UAS)			-	-	8.500	-	-	12.250	-	-	37.557	-	-	14.235	-	-	-	-	-	14.235
8. Visual Augmentation Systems (VAS) - Optics																				
8a / Binocular Night Vision Devices (NVD) - AN/PVS-31			-	-	73.149	0.007	789	5.523	0.007	1,000	7.000	-	-	-	-	-	-	-	-	
8b / Binocular NVD - Battery Packs & Single Power Cables			-	-	0.600	0.001	639	0.489	-	-	-	-	-	-	-	-	-	-	-	
8c / Binocular NVD - Battery Packs & Dual Power Cables			-	-	0.111	0.001	79	0.098	-	-	-	-	-	-	-	-	-	-	-	
8d / Clip On Thermal Imagers (COTI) - AN/PAS-29			-	-	18.048	0.007	175	1.196	0.008	200	1.600	0.008	240	1.920	-	-	-	0.008	240	1.920
8e / Clip On Short Wave Infrared Imager (COSI) AN/PAS-34			-	-	1.680	0.016	7	0.112	0.016	60	0.960	0.016	100	1.600	-	-	-	0.016	100	1.600
8f / Squad-Variable Power Scope (S-VPS) (SFP) SU-293/PVS			-	-	13.588	0.001	2,549	2.549	0.002	2,076	4.152	0.003	1,422	4.266	-	-	-	0.003	1,422	4.266
8g / S-VPS (FFP) SU-294/PVS			-	-	0.372	0.003	2,909	8.660	0.003	1,014	3.042	0.006	597	3.582	-	-	-	0.006	597	3.582
8h / SU-91/PVS Day Optics Handgun Reflex Sight (HRS)			-	-	0.421	0.000	1,247	0.525	0.001	1	0.001	0.000	1,000	0.283	-	-	-	0.000	1,000	0.283
8i / Clip-On Magnifier (COM)			-	-	-	-	-	-	-	-	-	0.000	1,750	0.700	-	-	-	0.000	1,750	0.700
8j / Acquire Read Deploy (ARD) Grenade Launcher Sights			-	-	-	0.001	1,048	0.757	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:											Aggregated Items Title:				
0300D / 02 / 4					0204WARSYS / WARRIOR SYSTEMS <\$5M											WARRIOR SYSTEMS <\$5M				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8k / Precision-VPS (P-VPS)			-	-	-	0.003	977	3.270	-	-	-	0.004	1,800	6.300	-	-	-	0.004	1,800	6.300
8l / Ranging-VPS (R-VPS)			-	-	-	0.003	33	0.100	-	-	-	-	-	-	-	-	-	-	-	-
8m / Production Support			-	-	1.630	-	-	2.168	-	-	-	-	-	2.197	-	-	-	-	-	2.197
8n / Prior Year Funding			-	-	84.134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8o / Prior Year Funding - OCO			-	-	24.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8p / Prior Year Funding - Congressional Add			-	-	10.540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8. Visual Augmentation Systems (VAS) - Optics			-	-	228.314	-	-	25.447	-	-	16.755⁽⁶⁾	-	-	20.848	-	-	-	-	-	20.848
9. Visual Augmentation Systems (VAS) - Lasers																				
9a / Advanced Target Pointer Illuminator Aiming Laser (ATPIAL) Squad Aiming Laser LA-23 PEQ			-	-	15.796	0.002	1,918	3.241	0.002	2,300	4.600	0.002	1,200	2.400	-	-	-	0.002	1,200	2.400
9b / ATPIAL Precision Aiming Laser			-	-	9.684	0.012	1,549	18.416	0.015	35	0.525	0.015	100	1.500	-	-	-	0.015	100	1.500
9c / ATPIAL Handgun Aiming Laser			-	-	-	-	-	-	0.002	56	0.112	-	-	-	-	-	-	-	-	-
9d / ATPIAL Ranging Aiming Laser			-	-	4.460	-	-	-	0.002	350	0.700	0.002	400	0.800	-	-	-	0.002	400	0.800
9e / Small Target Location Device			-	-	8.215	-	-	-	0.090	45	4.050	-	-	-	-	-	-	-	-	-
9f / Production Support			-	-	-	-	-	0.073	-	-	-	-	-	1.989	-	-	-	-	-	1.989
9g / Prior Year Funding			-	-	38.702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9h / Prior Year Funding - OCO			-	-	0.665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 9. Visual Augmentation Systems (VAS) - Lasers			-	-	77.522	-	-	21.730	-	-	9.987⁽⁷⁾	-	-	6.689	-	-	-	-	-	6.689
10. Visual Augmentation Systems (VAS) - Simulators																				
10a / VAS Simulators Immersive			-	-	-	2.405	1	2.405	-	-	-	-	-	-	-	-	-	-	-	-
10b / VAS Simulators Deployable			-	-	1.512	-	-	-	0.104	11	1.142	0.104	3	0.312	-	-	-	0.104	3	0.312
10c / VAS Simulators Classroom			-	-	-	-	-	-	-	-	-	0.285	3	0.854	-	-	-	0.285	3	0.854

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command																Date: May 2021				
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:						Aggregated Items Title:								
0300D / 02 / 4						0204WARSYS / WARRIOR SYSTEMS <\$5M						WARRIOR SYSTEMS <\$5M								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Subtotal: 10. Visual Augmentation Systems (VAS) - Simulators			-	-	1.512	-	-	2.405	-	-	1.142 ⁽⁸⁾	-	-	1.166	-	-	-	-	-	1.166
11. SOF Tactical Communications (STC)																				
11a / Handheld			-	-	2.540	0.011	187	2.132	-	-	-	-	-	-	-	-	-	-	-	-
11b / Handheld - CERP			-	-	160.905	0.012	338	3.922	0.013	3,400	44.184 ⁽²⁵⁾	-	-	-	-	-	-	-	-	-
11c / Handheld - OCO			-	-	-	0.013	524	6.814	-	-	-	-	-	-	-	-	-	-	-	-
11d / Handheld Combatant Craft Assault (CCA) Government Furnished Equipment			-	-	0.201	0.013	17	0.226	-	-	-	-	-	-	-	-	-	-	-	-
11e / Manpack - CERP			-	-	75.590	0.035	2,267	79.268	0.034	1,308	44.499 ⁽²⁶⁾	0.034	1,838	62.480 ⁽²⁷⁾	-	-	-	0.034	1,838	62.480
11f / Manpack - CERP - OCO			-	-	-	-	-	-	0.034	204	6.950	-	-	-	-	-	-	-	-	-
11g / Manpack CERP - Congressional Add			-	-	-	-	-	-	0.034	588	20.000	-	-	-	-	-	-	-	-	-
11h / Prior Year Funding			-	-	53.292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11i / Prior Year Funding - OCO			-	-	1.678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11j / Prior Year Funding - Congressional Add			-	-	17.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 11. SOF Tactical Communications (STC)			-	-	312.006	-	-	92.362	-	-	115.633	-	-	62.480 ⁽⁹⁾	-	-	-	-	-	62.480
12. Radio Integration System (RIS)																				
12a / Multi-Band Radio Transit (MBR-T) Case			-	-	9.624	0.176	18	3.174	0.193	8	1.547	-	-	-	-	-	-	-	-	-
12b / Specialized Multiband Radio Transit System (SMRTS) - B			-	-	-	-	-	-	-	-	-	0.155	22	3.413	-	-	-	0.155	22	3.413
12c / SMRTS - C			-	-	-	-	-	-	-	-	-	0.126	30	3.773	-	-	-	0.126	30	3.773
12d / MBR-T - OCO			-	-	1.434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12e / High Frequency (HF) Transit Case			-	-	2.142	0.139	9	1.253	0.129	7	0.906	0.134	9	1.203	-	-	-	0.134	9	1.203
12f / HF Transit Case - OCO			-	-	0.878	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12g / Mobile Base Station			-	-	0.897	0.194	5	0.972	0.187	5	0.933	-	-	-	-	-	-	-	-	-
12h / SMRTS - A			-	-	-	-	-	-	-	-	-	0.061	29	1.760	-	-	-	0.061	29	1.760

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4	P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M	Aggregated Items Title: WARRIOR SYSTEMS <\$5M
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
12i / Digital Aided Close Air Support (DACAS)			-	-	-	-	-	-	-	-	0.405	9	3.648	-	-	-	0.405	9	3.648	
12j / Ancillary Items			-	-	-	-	-	0.328	-	-	-	-	-	-	-	-	-	-	-	
12k / Prior Year Funding			-	-	16.152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 12. Radio Integration System (RIS)			-	-	31.127	-	-	5.727	-	-	3.386	-	-	13.797⁽¹⁰⁾	-	-	-	-	13.797	
13. Blue Force Tracking (BFT)																				
13a / SHOUT-TS1			-	-	0.769	-	-	-	0.001	122	0.122	-	-	-	-	-	-	-	-	
13b / Cottonmouth			-	-	2.822	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13c / Riverjack Tracker (RJT)			-	-	17.845	0.010	107	1.019	0.008	154	1.231	0.008	304	2.435	-	-	-	0.008	304	2.435
13d / Lightning Bolt Handheld (LBHH)			-	-	0.315	0.009	72	0.670	0.010	15	0.156	0.010	135	1.350	-	-	-	0.010	135	1.350
13e / SHOUT-TS1S			-	-	1.841	0.003	70	0.222	0.003	493	1.478	-	-	-	-	-	-	-	-	-
13f / Sand Dollar			-	-	-	-	-	-	0.003	31	0.092	-	-	-	-	-	-	-	-	-
13g / Prior Year			-	-	1.281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 13. Blue Force Tracking (BFT)			-	-	24.873	-	-	1.911	-	-	3.079	-	-	3.785	-	-	-	-	-	3.785
14. Mission Command System Common Operational Picture (MCS/COP)																				
14a / MCS/COP Enterprise System ⁽²⁸⁾			-	-	-	-	-	-	-	-	1.375	-	-	1.387	-	-	-	-	-	1.387
Subtotal: 14. Mission Command System Common Operational Picture (MCS/COP)			-	-	-	-	-	-	-	-	1.375	-	-	1.387	-	-	-	-	-	1.387
Total			-	-	1,706.387	-	-	344.003	-	-	342.606	-	-	284.548	-	-	-	-	-	284.548

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

- (1) FY21 Defense Wide Review (DWR) -\$0.640 million, United States Special Operations Command (USSOCOM) performed a comprehensive analysis of future capabilities and reduced procurement of SPCOM Field Mission Sets to better align with the Department's priorities as outlined in the National Defense Strategy (NDS).
- (2) FY21 DWR -\$16.972 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced procurement quantities of SDN-Heavy hardware CERP, SDN Medium Hardware CERP, SDN-Light Hardware CERP, and Extension Package CERP to better align with the Department's priorities as outlined in the NDS.
- (3) Internally funded mandatory cyber compliance requirements have resulted in significant PROC shortfalls across the program. Increase in funding partially rectifies delayed CERP cycles and critical modernization efforts
- (4) FY21 decrease is due to achieving full operational capability (FOC) procurement quantities in FY20 and a deliberate transition to critical ECM modernization upgrades that will address ongoing 5G threats and posture for great power competition.
- (5) FY22 decrease is due to achieving FOC procurement quantities in FY20 and a deliberate transition to critical ECM modernization upgrades that will address ongoing 5G threats and posture for great power competition.
- (6) FY21 DWR -\$6.622 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced procurement quantities of Binocular Night Vision Devices (NVD) - AN/PVS-31, Clip On Thermal Imagers (COTI) - AN/PVS-29, Clip On Short Wave Infrared Imager (COSI) AN/PAS-34, Hand Held Imager (HHI), Mini Long-Range AN/PAS-33, S-VPS (SFP) SU-293/PVS, S-VPS (FFP) SU-294/PVS, and SU-91/PVS Day Optics Handgun Reflex Sight (HRS) to better align with the Department's priorities as outlined in the NDS.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command		Date: May 2021
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4	P-1 Line Item Number / Title: 0204WARSYS / WARRIOR SYSTEMS <\$5M	Aggregated Items Title: WARRIOR SYSTEMS <\$5M

- (7) FY21 DWR -\$4.528 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced procurement of ATPIAL Squad Aiming Lasers LA-23 PEQ, ATPIAL Precision Aiming Lasers, ATPIAL Handgun Aiming Lasers, ATPIAL Ranging Aiming Lasers, and Thermal Beacons to better align with the Department's priorities as outlined in the NDS.
- (8) FY21 DWR -\$1.370 million, USSOCOM performed a comprehensive analysis of future capabilities and reduced procurement quantities for various VAS-Simulators to better align with the Department's priorities as outlined in the NDS.
- (9) FY22 STC/NGTC program decrease due to completion of accelerated HH and MP CERP (\$51.792 million)
- (10) Increase of \$10.411 million to CERP next generation RIS variants with significantly increased capability.
- (11) FY21 increase is due to increased component life cycle replacement (\$4.257 million).
- (12) Unit Cost for FY20 lowered to \$0.140 million per system due to negotiated pricing and economic order quantities of combined SOCOM/Army/OGA procurement of 419 systems.
- (13) ECM system modernization includes a special application module (SAM), input/output (IO) module, and Egon Ultra Digital Interface (UDIF) to allow advanced techniques to address ongoing 5G threats and posture for great power competition.
- (14) Ancillary equipment includes, but not limited to: Modi Vehicle Power Modules, Modi backpacks, cables, antennas, mounting hardware, and containers for storage and shipping.
- (15) Ancillary equipment includes, but not limited to: cables, antennas, mounting hardware, containers for storage and shipping.
- (16) Ancillary equipment includes, but not limited to: cables, antennas, mounting hardware, containers for storage and shipping.
- (17) Procurement of C-UAS devices (to include, but not limited to: passive/active mounted, dismounted and expeditionary fixed site) for overt, low visibility, and rapid deployment CONOPs through the implementation and coordination of a Systems Integration Partner (SIP). Quantities will be determined via successful Combat Evaluations (CV) that result in a formal follow-on enterprise CUxS requirement to procure and field "best of breed" solutions via an official Program of Record to be established 4QFY21.
- (18) Represents an estimated per unit cost and quantity for Expeditionary Fixed Site systems based on an active source selection for a Systems Integration Partner (SIP).
- (19) Represents an estimated per unit cost and quantity for Expeditionary Fixed Site systems based on an active source selection for a Systems Integration Partner (SIP).
- (20) Procurement of C-UAS devices (to include, but not limited to: passive/active mounted, dismounted and expeditionary fixed site) for overt, low visibility, and rapid deployment CONOPs through the implementation and coordination of a Systems Integration Partner.
- (21) Represents an average per unit cost as a result of procuring various C-UAS devices in Dismounted, Mounted, and Expeditionary Fixed Site configurations spanning across the kill chain.
- (22) Represents an average per unit cost as a result of procuring various C-UAS devices in Dismounted, Mounted, and Expeditionary Fixed Site configurations spanning across the kill chain.
- (23) Represents an estimated per unit cost and quantity for Expeditionary Fixed Site systems based on an active source selection for a Systems Integration Partner (SIP).
- (24) FY21 increase is the result of a Congressional Plus Up to accelerate fielding of initial CUAS Program of Record capability.
- (25) FY21 increase is to accelerate the CERP of Handheld radios (\$40.262 million).
- (26) FY21 decrease is due to the rebaselining of Manpack (MP) radio CERP as a result of accelerated purchase of MPs in FY20 (-\$34.769 million)
- (27) FY22 increase is for continuation of CERP of Manpack Radios leading to final procurement years (\$19.013 million)
- (28) MCS/COP includes but not limited to high performance cloud computing environment.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0206CMR / COMBAT MISSION REQUIREMENTS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 0000

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	534.880	29.702	29.848	27.513	-	27.513	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	534.880	29.702	29.848	27.513	-	27.513	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	534.880	29.702	29.848	27.513	-	27.513	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Combat Mission Requirements line item procures emergent critical equipment shortfalls that must be rapidly fielded to Special Operations Forces operators in the field to conduct combat missions. These equipment shortfalls are identified by Geographical Combatant Commanders (GCCs) and validated and approved by United States Special Operations Command (USSOCOM) as a Combat Mission Needs Statement (CMNS). Each requirement is vetted through a rigorous USSOCOM process and must meet the following criteria: provide force protection to troops or ensure mission success. Equipment purchased under the CMNS umbrella include, but are not limited to, radios, intelligence equipment, unmanned aerial vehicles, blast and ballistic protected tactical vehicles, ammunition, weapons, aircraft defensive systems, night vision devices, and aircraft precision strike systems. USSOCOM submits an annual report to Congress that describes the CMNS that were approved during the current fiscal year.

FY 2020 funding totals include \$10.000 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$10.000 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$27.513 million Base Budget with \$10.000 million Direct war and \$0.00 million for Enduring Costs in the Base Budget.

FY 2022 Fiscal Balancing: -\$3.000 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs **P-1 Line Item Number / Title:** 0206CMR / COMBAT MISSION REQUIREMENTS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: 0000

Exhibits Schedule					Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Category - Combat Mission Requirements / Combat Mission Needs Requirements				- / 0.350	- / 14.484	- / 29.848	- / 27.513	- / -	- / 27.513
P-40a	Category - Combat Mission Requirements / Mission Specific Munitions				- / -	- / 0.198	- / -	- / -	- / -	- / -
P-40a	Category - Combat Mission Requirements / AC-130 J Advanced Missile Warning System				- / 8.979	- / 9.021	- / -	- / -	- / -	- / -
P-40a	Category - Combat Mission Requirements / Counter Small Unmanned Aerial System				- / -	- / 2.699	- / -	- / -	- / -	- / -
P-40a	Category - Combat Mission Requirements / Global Positioning System				- / -	- / 3.300	- / -	- / -	- / -	- / -
P-40a	Category - Combat Mission Requirements / Prior Year Costs				- / 525.551	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / 534.880	- / 29.702	- / 29.848	- / 27.513	- / -	- / 27.513

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title / Category Title when only P-40a Categories are shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 FY 2022 BASE PROGRAM JUSTIFICATION: Funding procures various equipment to rectify emergent critical equipment shortfalls identified by GCCs, and submitted and approved through the CMNS process or directed by Commander, USSOCOM.

 FY 2022 Fiscal Balancing: -\$3.000 million decrease is attributed to the reductions necessary to accommodate budget realities and directed strategy driven changes.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0206CMR / COMBAT MISSION REQUIREMENTS **Aggregated Items Title:** Combat Mission Requirements

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2020			FY 2021			FY 2022 Base			FY 2022 OCO			FY 2022 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Combat Mission Needs Requirements																				
1 / Critical Emergent Combat Mission Need Base			-	-	0.350	-	-	4.484	-	-	19.848	-	-	27.513	-	-	-	-	-	27.513
2 / Critical Emergent Combat Mission Need - Overseas Contingency Operations (OCO)			-	-	-	-	-	10.000	-	-	10.000	-	-	-	-	-	-	-	-	-
Subtotal: Combat Mission Needs Requirements			-	-	0.350	-	-	14.484	-	-	29.848	-	-	27.513	-	-	-	-	-	27.513
Mission Specific Munitions																				
SOF Peculiar Munitions			-	-	-	0.010	20	0.198	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Mission Specific Munitions			-	-	-	-	-	0.198	-	-	-	-	-	-	-	-	-	-	-	-
AC-130 J Advanced Missile Warning System																				
A kits and B kits			-	-	8.979	-	-	9.021	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: AC-130 J Advanced Missile Warning System			-	-	8.979	-	-	9.021	-	-	-	-	-	-	-	-	-	-	-	-
Counter Small Unmanned Aerial System																				
Citadel Systems			-	-	-	0.270	10	2.699	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Counter Small Unmanned Aerial System			-	-	-	-	-	2.699	-	-	-	-	-	-	-	-	-	-	-	-
Global Positioning System																				
Hardening Units			-	-	-	-	-	3.300	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Global Positioning System			-	-	-	-	-	3.300	-	-	-	-	-	-	-	-	-	-	-	-
Prior Year Costs																				
Prior Year Costs			-	-	525.551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Prior Year Costs			-	-	525.551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	534.880	-	-	29.705	-	-	29.848	-	-	27.513	-	-	-	-	-	27.513

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0607GVAS / GLOBAL VIDEO SURVEILLANCE ACTIVITIES
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	77.936	4.787	2.401	0.000	-	0.000	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	77.936	4.787	2.401	0.000	-	0.000	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	77.936	4.787	2.401	0.000	-	0.000	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 line item is part of the Military Intelligence Program. Details provided under separate cover.

Justification:

Details provided under separate cover.

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 0607OEI / OPERATIONAL ENHANCEMENTS INTELLIGENCE
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	379.221	16.249	20.585	20.252	-	20.252	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	379.221	16.249	20.585	20.252	-	20.252	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	379.221	16.249	20.585	20.252	-	20.252	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This P-1 line item is part of the Military Intelligence Program. This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

FY 2020 funding totals include \$8.074 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$6.724 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$20.252 million Base with \$0.000 million Direct War and \$7.594 million for enduring costs in the Base Budget.

Justification:

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

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Exhibit P-40, Budget Line Item Justification: PB 2022 United States Special Operations Command **Date:** May 2021

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	P-1 Line Item Number / Title: 2143369000 / OPERATIONAL ENHANCEMENTS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160408BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6,708.781	325.716	312.817	328.569	-	328.569	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	6,708.781	325.716	312.817	328.569	-	328.569	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	6,708.781	325.716	312.817	328.569	-	328.569	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Details provided under separate cover.

FY 2020 funding totals include \$44.714 million appropriated for Overseas Contingency Operations.

FY 2021 funding totals include \$65.779 million appropriated for Overseas Contingency Operations.

FY 2022 funding totals include \$328.569 million Base with \$13.714 million Direct War and \$73.601 million for Enduring Costs in the Base Budget.

Justification:

Details provided under separate cover.

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