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**Department of Defense  
Fiscal Year (FY) 2017 President's Budget Submission**

February 2016



**United States Special Operations Command**

*Defense-Wide Justification Book Volume 1 of 1*

***Procurement, Defense-Wide***

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United States Special Operations Command • President's Budget Submission FY 2017 • Procurement

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Defense-Wide  
FY 2017 President's Budget  
Exhibit P-1 FY 2017 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

22 Jan 2016

Appropriation -----	FY 2015 (Base & OCO) -----	FY 2016 Base Enacted -----	FY 2016 OCO Enacted -----	FY 2016 Total Enacted -----
Procurement, Defense-Wide	1,634,721	1,690,951	136,496	1,827,447
Total Defense-Wide	1,634,721	1,690,951	136,496	1,827,447

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Organization: Procurement, Defense-Wide -----	FY 2015 (Base & OCO) -----	FY 2016 Base Enacted -----	FY 2016 OCO Enacted -----	FY 2016 Total Enacted -----
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22 Jan 2016

Appropriation: Procurement, Defense-Wide

Budget Activity -----	FY 2015 (Base & OCO) -----	FY 2016 Base Enacted -----	FY 2016 OCO Enacted -----	FY 2016 Total Enacted -----
02. Special Operations Command	1,634,721	1,690,951	136,496	1,827,447
Total Procurement, Defense-Wide	1,634,721	1,690,951	136,496	1,827,447

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Budget Activity -----	FY 2017 Base -----	FY 2017 OCO -----	FY 2017 Total -----
02. Special Operations Command	1,594,054	200,052	1,794,106
Total Procurement, Defense-Wide	1,594,054	200,052	1,794,106



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 (Dollars in Thousands)

22 Jan 2016

Appropriation: 0300D Procurement, Defense-Wide

Line No	Item Nomenclature	Ident Code	FY 2015 (Base & OCO)		FY 2016 Base Enacted		FY 2016 OCO Enacted		FY 2016 Total Enacted		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command											
-----											
Aviation Programs											
41	MC-12							5,000		5,000	U
42	Rotary Wing Upgrades and Sustainment			163,006		135,985				135,985	U
43	Unmanned ISR	A									U
44	MH-60 Modernization Program			19,821							U
45	Non-Standard Aviation			30,200		48,318				48,318	U
46	J-28					60,600				60,600	U
47	MH-47 Chinook			22,230							U
48	RQ-11 Unmanned Aerial Vehicle			6,397		15,587				15,587	U
49	CV-22 Modification			21,578		33,582				33,582	U
50	MQ-1 Unmanned Aerial Vehicle					1,934				1,934	U
51	MQ-9 Unmanned Aerial Vehicle			18,593		17,226				17,226	U
52	STUASLO			1,500		1,514				1,514	U
53	Precision Strike Package			131,929		204,105				204,105	U
54	AC/MC-130J			73,947		53,368				53,368	U
55	C-130 Modifications			24,090		26,412				26,412	U
Shipbuilding											
56	Underwater Systems			25,408		29,021				29,021	U
Ammunition Programs											
57	Ordnance Items <\$5M			169,737		174,734		35,299		210,033	U

P-1C1: FY 2017 President's Budget (Published Version of PB Position), as of January 22, 2016 at 09:15:25

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Line No	Item Nomenclature	Ident Code	FY 2017 Base		FY 2017 OCO		FY 2017 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command									
-----									
Aviation Programs									
41	MC-12					5,000		5,000	U
42	Rotary Wing Upgrades and Sustainment			150,396				150,396	U
43	Unmanned ISR	A		21,190		11,880		33,070	U
44	MH-60 Modernization Program								U
45	Non-Standard Aviation			4,905				4,905	U
46	U-28			3,970		38,283		42,253	U
47	MH-47 Chinook			25,022				25,022	U
48	RQ-11 Unmanned Aerial Vehicle								U
49	CV-22 Modification			19,008				19,008	U
50	MQ-1 Unmanned Aerial Vehicle								U
51	MQ-9 Unmanned Aerial Vehicle			10,598				10,598	U
52	STUASLO								U
53	Precision Strike Package			213,122				213,122	U
54	AC/MC-130J			73,548				73,548	U
55	C-130 Modifications			32,970				32,970	U
Shipbuilding									
56	Underwater Systems			37,098				37,098	U
Ammunition Programs									
57	Ordnance Items <\$5M			105,267		52,504		157,771	U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Procurement Programs											
58	Intelligence Systems			86,837		93,009				93,009	U
59	Distributed Common Ground/Surface Systems			17,323		14,964				14,964	U
60	Other Items <\$5M			103,833		79,149				79,149	U
61	Combatant Craft Systems			50,337		63,362				63,362	U
62	Special Programs			30,999		117,815		15,160		132,975	U
63	Tactical Vehicles			63,134		73,520				73,520	U
64	Warrior Systems <\$5M			276,590		190,609		15,000		205,609	U
65	Combat Mission Requirements			19,984		19,693				19,693	U
66	Global Video Surveillance Activities			5,040		3,967				3,967	U
67	Operational Enhancements Intelligence			29,104		19,225				19,225	U
68	Drug Interdiction			7,190							U
69	Operational Enhancements			235,914		213,252		66,037		279,289	U
Total Special Operations Command				1,634,721		1,690,951		136,496		1,827,447	
Total Procurement, Defense-Wide				1,634,721		1,690,951		136,496		1,827,447	

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Line No	Item Nomenclature	Ident Code	FY 2017 Base		FY 2017 OCO		FY 2017 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Procurement Programs									
58	Intelligence Systems			79,963		22,000		101,963	U
59	Distributed Common Ground/Surface Systems			13,432				13,432	U
60	Other Items <\$5M			66,436		11,580		78,016	U
61	Combatant Craft Systems			55,820				55,820	U
62	Special Programs			107,432		13,549		120,981	U
63	Tactical Vehicles			67,849		3,200		71,049	U
64	Warrior Systems <\$5M			245,781				245,781	U
65	Combat Mission Requirements			19,566				19,566	U
66	Global Video Surveillance Activities			3,437				3,437	U
67	Operational Enhancements Intelligence			17,299				17,299	U
68	Drug Interdiction								U
69	Operational Enhancements			219,945		42,056		262,001	U
Total Special Operations Command				1,594,054		200,052		1,794,106	
Total Procurement, Defense-Wide				1,594,054		200,052		1,794,106	

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## **ORGANIZATIONS**

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1 SOW	1st Special Operations Wing
160th SOAR	160th Special Operations Aviation Regiment
AAC	Air Armament Center
AFRICOM	Africa Command
AFSOC	Air Force Special Operations Command
ARDEC	U.S. Army Armament Research, Development and Engineering Center
ARSOA	Army Special Operations Aviation
ATEC	Army Test and Evaluation Command
CACI	California Analysis Center, Incorporated
CENTCOM	Central Command
DARPA	Defense Advanced Research Projects Agency
DOD	Department of Defense
DTRA	Defense Threat Reduction Agency
EACS	Exploitation Analysis Centers
FDA	Food and Drug Administration
JITC	Joint Interoperability Test Center
JSOTF	Joint Special Operations Task Force
JTF	Joint Task Force
MARSOC	Marine Special Operations Command
NATC	Nevada Automotive Test Center
NAVAIRSYSCOM PMA-275	Naval Air Systems Command V-22 Joint Program Office
NAVSEA	Naval Systems Engineering Command
NGA	National Geospatial--Intelligence Agency
NPS	Naval Postgraduate School
NSA	National Security Agency
NSWC	Naval Special Warfare Command
OUSD(I)	Office of the Secretary of Defense, Intelligence
SOAR(A)	Special Operations Aviation Regiment (Airborne)
SOFSA	Special Operations Forces Support Activity
SPAWAR	Space and Naval Warfare Systems
TAPO	Technology Applications Program Office
TARDEC	Tank Automotive Research, Development and Engineering Center
USMC	United States Marine Corps
USSOCOM	United States Special Operations Command

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## ACRONYMS

<b>Acronym</b>	<b>Full Naming Convention</b>
ADS-B	Automatic Dependent Surveillance-Broadcast
AECV	All Environment Capable Variant
AFSOC	Air Force Special Operations Command
ALGL	Advanced Lightweight Grenade Launcher
AM	Amplitude Modulation
AMN	Airborne Mission Network
APAS	Active Parallel Actuator System
ASE	Aircraft Survivability Equipment
ASIF	All Source Information Fusion
ASOM	Aerial Search Optimization Model
ATD	Advanced Technology Demonstration
ATPIALS	Advanced Tactical Precision Illuminator Aiming Laser System
ATW	Advanced Threat Warning
AvFID	Aviation Foreign Internal Defense
AVS	Air Variant System
BFT	Blue Force Tracking
BLOS	Beyond Line of Site
BNVD	Binocular Night Vision Device
BOI	Basis of Issue
C/CPAF	Cost/Cost Plus Award Fee
C/F&DR	Conditional Fielding and Deployment Release
C/FFP	Cost Plus Firm-Fixed Price
C/PIF	Cost Plus Incentive Fee
C2	Command and Control
C3	Command, Control, and Communications
C4	Command, Control, Communications, and Computer
C4I	Command, Control, Communications, Computers, and Intelligence
CA	Civil Affairs
CAAS	Common Avionics Architecture Systems
CAR	Combat Assault Rifle
CAS	Close Air Support

## ACRONYMS

CASEVAC	Casualty Evacuation
CCFLIR	Combatant Craft Forward Looking Infrared Radar
CCH	Combatant Craft - Heavy
CCM	Combatant Craft - Medium
CCME	Combatant Craft Mission Equipment
CDAS	Cognitive Decision Aiding System
CDD	Capability Development Document
CDU	Control Display Units
CERP	Capital Equipment Replacement Program
CESE	Civil Engineering Support Equipment
CFE	Contractor Furnished Equipment
CI	Civil Information
CIED	Counter-Improvised Explosive Device
CIM	Civil Information Management
CIMDPS	Civil Information Management Data Processing System
CMNS	Combat Mission Needs Statement
CMS	Combat Mission Simulators
CNVD	Clip-On Night Vision Device
COP	Common Operational Picture
COTI	Clip-On Thermal Imagers
COTS	Commercial-Off-The-Shelf
CP	Counter-Proliferation
CPD	Capabilities Production Document
CQC	Close Quarter Combat
CSP	Common Sensor Payload
CT	Counter-Terrorism
DAP	Defensive Armed Penetrator
DCGS-SOF	Data Common Ground/Surface System--Special Operations Forces
DCM	Defensive Countermeasures
DCS	Dry Combat Submersible
DCU	Data Concentrator Unit
DDP	Detachment Deployment Packages

## ACRONYMS

DDS	Dry Deck Shelter
DRWG	Data Common Ground/Surface System Working Group
DT&E	Development Test and Evaluation
DVE	Degraded Visual Environment
DVEPS	Degraded Visual Environment Piloted System
EA	Evolutionary Acquisition
ECM	Electronic Countermeasures
ECOS	Enhanced Combat Optical Sights
ECP	Engineering Change Proposal
EDM	Engineering Development Model
EGLM	Enhanced Grenade Launcher Module
EMD	Engineering and Manufacturing Development
EO/IR	Electro-Optical Infrared
ESA	Enhanced Situational Awareness
ETI	Evolutionary Technology Insertion
EW	Electronic Warfare
F&DR	Fielding and Deployment Release
FABS	Fly-Away Broadcast System
FCD	Field Computing Devices
FFT	Friendly Force Trackers
FLIR	Forward Looking Infrared Radar
FM	Frequency Modulation
FMBS	Family of Muzzle Brake Suppressors
FMV	Full Motion Video
FMV VDH-L	Full Motion Video Distribution Hub-Light
FOC	Full Operational Capability
FoS	Family of Systems
FRP	Full Rate Production
FSOV	Family of Special Operations Vehicles
FSWS	Family of Sniper Weapon System
FVL	Future Vertical Lift
FW	Fixed Wing

## ACRONYMS

FY	Fiscal Year
GATM	Global Air Traffic Management
GCC	Geographical Combatant Commander
GEOINT	Geological Intelligence
GFE	Government Furnished Equipment
GIG	Global Information Grid
GMV	Ground Mobility Vehicle
GOTS	Government-Off-The-Shelf
GPPU	General Purpose Processing Units
GPS	Global Positioning System
GPU	Graphics Processing Unit
GSK	Ground Signals Intelligence Kit
HF	High Frequency
HFIS	Hostile Fire Indicator System
HFTTL	Hostile Forces Tagging, Tracking, and Locating
HHI	Hand Held Imager
HLM	Handheld Laser Marker
HSAC	High Speed Assault Craft
IC	Intelligence Community
IDIQ	Indefinite Delivery/Indefinite Quantity
IDS	Intrusion Detection System
IED	Improvised Explosive Devices
ILS	Integrated Logistics Support
IM	Insensitive Munitions
INOD	Improved Night/Day Observation/Fire Control Device
IOC	Initial Operational Capability
IR	Infrared
IRCM	Infrared Countermeasures
ISP	Integrated Survey Plan
ISR	Intelligence Surveillance and Reconnaissance
ISR&T	Intelligence, Surveillance, Reconnaissance, and Targeting
IT	Information Technology

## ACRONYMS

JBS	Joint Base Station
JCID	Joint Capabilities Integration and Development
JCTD	Joint Concept Technology Demonstration
JOS	Joint Operational Stocks
JTCITS	Joint Tactical C4I Information Transceiver System
JTWS	Joint Threat Warning System
JUON	Joint Urgent Operational Need
LAM	Laser Acquisition Marker
LCM	Low Cost Modification
LCS	Load Carriage System
LFT&E	Live Fire Test and Evaluation
LIDAR	Light Detection and Ranging
LOS	Line of Sight
LPI/LPD	Low Probability of Intercept/Low Probability of Detection
LRBS	Long Range Broadcast System
LRIP	Low Rate Initial Production
LRU	Line Replaceable Unit
LSDB	Laser--Small Diameter Bomb
LTATV	Lightweight Tactical All Terrain Vehicle
MAAWS	Multi-Purpose Anti-Armor/Anti-Personnel Weapons System
MALET	Medium Altitude Long Endurance Tactical
MCE	Military Construction Collateral Equipment
MDAP	Major Defense Acquisition Program
MEDVAC	Medical Evacuation
MELB	Mission Enhancement Little Bird
MFD	Multi-Function Display
MFP-11	Major Force Program-11
MG	Machine Gun
MGS	Modular Glove System
MICH	Modular Integrated Communications Helmet
MIP	Military Intelligence Program
MIPR	Military Interdepartmental Purchase Request

## ACRONYMS

MISO	Military Information Support Operations
MISOB	Military Information Support Operations Broadcast
MLE	Military Liaison Element
MOC	Media Operations Center
MPC	Media Production Center
MPK	Mission Planning Kits
MPU	Mission Processor Unit
MRAP	Mine Resistant Ambush Protected
MS	Milestone
MSSEP	Mobile SOF Strategic Entry Points
MTPS	Mission Training and Preparation System
MTS-B	Multi-Spectral Targeting System--B
MTUAS	Medium Tactical Unmanned Aerial System
MWS	Missile Warning System
NDAA	National Defense Authorization Act
NDI	Non-Developmental Item
NGFLIR	Next Generation Forward Looking Infrared Radar
NRE	Non-Recurring Engineering
NSAV	Non-Standard Aviation
NSCV	Non-Standard Commercial Vehicle
NSM	Non-Standard Materiel
NSSS	National Systems Support to SOF
NTM	National Technical Means
NVD	Night Vision Devices
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
PCU	Protective Combat Uniform
PDS	Product Distribution System

## ACRONYMS

PE	Program Element
PED	Processing, Exploitation, and Dissemination
PGL	Precision Geo Location
PGM	Precision Guided Munitions
PME	Primary Mission Equipment
PMP	Prime Mission Product
PMT	Program Management
PN	Partner Nation
PRT	Predator Receiver Terminal
PSP	Precision Strike Package
PSR	Precision Sniper Rifle
QL-CBA	Quick-Look Capabilities-Based Assessment
RAMS	Removeable Airborne Military Information Support Operations System
RAV	Restricted Availability
RC-IED	Radio Counter-Improvised Explosive Device
RDT&E	Research, Development, Test, and Evaluation
RF	Radio Frequency
RFCM	Radio Frequency Countermeasures
RIS	Radio Integration System
RIS	Rail Interface Systems
ROH	Routine Overhaul
ROIC	Read Out Integrated Circuit
ROSES	Reduced Optical Signature Emissions Solution
RPG	Rocket Propelled Grenade
RRT	Rapid Reliable Targeting
RSTA	Reconnaissance, Surveillance, and Targeting Acquisition
RW	Rotary Wing
RWR	Radar Warning Receiver
S&T	Science & Technology
SAAF	Stuggart Army Air Field
SAFC	Special Applications for Contingencies
SAFEAIR	Safe Aircraft Recovery

## ACRONYMS

SAM	Surface-to-Air Missiles
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
SDV	Sea, Air, Land (SEAL) Delivery Vehicle
SEAL	Sea, Air, Land
SEALION	Sea, Air, Land, Insertion Observation Neutralization
SFA	Security Forces Assistance
SFAC	Security Forces Assistance Craft
SGM	Small Glide Munition
SIE	SOF Information Environment
SIGINT	Signals Intelligence
SIRFC	Suite of Integrated Radar Frequency Countermeasures
SKR	Silent Knight Radar
SO	Special Operations
SOCRATES	Special Operations Command, Research, Analysis and Threat Evaluation System
SOF	Special Operations Forces
SOFPREP	Special Operations Forces Planning, Rehearsal, and Execution Preparation
SOMPE	Special Operations Mission Planning Environment
SOPGM	Standoff Precision Guided Munitions
SoS	System of Systems
SOTVS	Special Operations Tactical Video System
SOW	Special Operations Wing
SPCOM	Special Communications Field Segment - Enterprise
SPEAR	SOF Personal Equipment Advanced Requirements
SR	Special Reconnaissance



## ACRONYMS

SRTV	Secure Real-Time Video
SSE	Sensitive Site Exploitation
SSR	Sniper Support Rifle
STC	SOF Tactical Communications
STLD	Small Target Location Devices
STOL	Short Take-Off and Landing
STTR	Small Business Technology Transfer
STUAS	Small Tactical Unmanned Aerial Systems
SUAS	Small Unmanned Aircraft System
SW	Shortwave
SWCS	Shallow Water Combat Submersible
SWIR	Short Wave Infrared
TACLAN	Tactical Local Area Network
TAS	Threat Awareness System
TCCC	Tactical Combat Casualty Care
TF/TA	Terrain Following/Terrain Avoidance
TMF	Theater Mission Force
TT	Team Transportable
TTL	Tagging, Tracking and Locating
TV	Television
UAS	Unmanned Aerial System
UAV	Unmanned Aerial Vehicle
UBA	Underwater Breathing Apparatus
UHF	Ultra High Frequency
UI	User Interface
VAS-BM	Visual Augmentation-Binocular-Monocular
VASWA	Visual Augmentation System-Weapons Accessories
VBL	Visible Bright Light
VHF	Very High Frequency
VTC	Video Teleconferencing
WPNAC	Weapons Accessories
WST	Weapons System Trainer

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0201MC12 / MC-12
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	53.992	-	5.000	-	5.000	5.000	-	-	-	-	-	63.992
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	53.992	-	5.000	-	5.000	5.000	-	-	-	-	-	63.992
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>53.992</b>	<b>-</b>	<b>5.000</b>	<b>-</b>	<b>5.000</b>	<b>5.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>63.992</b>

*(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. The mission of the MC-12W/Javaman III is to provide a manned fixed wing capability for improved tactical airborne Intelligence, Surveillance, Reconnaissance, and Targeting in support of Theater Special Operations Forces. This line funds SOF peculiar modifications to manned ISR aircraft and the procurement and associated modifications of training systems to meet evolving SOF mission requirements. There is no associated RDT&E. This program received Overseas Contingency Operations funding in FY 2016.

Based on the results of a congressionally mandated Analysis of Alternatives, USSOCOM requested and Congress approved FY 2016 funding be moved into the U-28 line.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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

**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:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	MC-12			- / 53.992	- / -	- / 5.000	- / -	- / 5.000	- / 5.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 53.992</b>	<b>- / -</b>	<b>- / 5.000</b>	<b>- / -</b>	<b>- / 5.000</b>	<b>- / 5.000</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	MC-12			- / -	- / -	- / -	- / -	- / -	- / 63.992
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 63.992</b>

\*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 2017 OVERSEAS CONTINGENCY OPERATIONS (OCO) PROGRAM JUSTIFICATION: Procures low cost modifications of USSOCOM's Government Owned Contractor Operated (GOCO) JAVAMAN aircraft.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command															<b>Date:</b> February 2016				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 0201MC12 / MC-12										<b>Aggregated Items Title:</b> MC-12				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Low Cost Modification</b>																				
1 / MC-12 Modification			-	-	53.992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 / Low Cost Modification - Oversea Contingency Operations			-	-	-	-	-	-	-	5.000	-	-	-	-	-	5.000	-	-	5.000	
<b>Subtotal: Low Cost Modification</b>			-	-	53.992	-	-	-	-	5.000	-	-	-	-	-	5.000	-	-	5.000	
<b>Total</b>			-	-	53.992	-	-	-	-	5.000	-	-	-	-	-	5.000	-	-	5.000	

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Low Cost Modification</b>																				
1 / MC-12 Modification			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.992	
2 / Low Cost Modification - Oversea Contingency Operations			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.000	
<b>Subtotal: Low Cost Modification</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.992	
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.992	

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB, 1160482BB, 1160427BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,285.845	163.006	135.985	150.396	-	150.396	169.686	147.659	139.536	144.361	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2,285.845	163.006	135.985	150.396	-	150.396	169.686	147.659	139.536	144.361	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,285.845</b>	<b>163.006</b>	<b>135.985</b>	<b>150.396</b>	<b>-</b>	<b>150.396</b>	<b>169.686</b>	<b>147.659</b>	<b>139.536</b>	<b>144.361</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	43.052	9.601	8.189	10.011	-	10.011	11.486	11.962	13.004	13.086	Continuing	Continuing
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Special Operations Forces (SOF) provides 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, operations, and undetected penetration of hostile areas. These aircraft must also be capable of operating at extended ranges under adverse weather conditions to infiltrate, provide logistics for, reinforce, and extract SOF. This P-1 line item provides for on-going survivability, reliability, maintainability, spares, equipment, aircraft survivability equipment (ASE) and weapons upgrades, as-well-as, costs for fielded rotary wing aircraft and subsystems. These include: A/MH-6 Low Cost Modifications (LCM), A/MH-6 Block Upgrades, A/MH-6 Improved Seat System, MH-47 Block Upgrades, MH-47 LCM, MH-60 LCM, Next Generation Forward Looking Infrared (NGFLIR), Secure Real Time Video (SRTV), Simulator Block Upgrades (SBUD), Hostile Fire Indicator System (HFIS), Reduced Optical Signature Emissions Solution (ROSES), Aircraft Survivability Equipment (ASE), Suite of Integrated Radio Frequency Countermeasures (SIRFC), Silent Knight Terrain Following/Terrain Avoidance (TF/TA) Radar, Mission Processor Upgrades (MPU), Infrared Countermeasures (IRCM), MH-60M Block Upgrades, and Degraded Visual Environment (DVE).

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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, 1160482BB, 1160427BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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/SUSTAINMENT			- / 1,785.492	- / 105.580	- / 45.374	- / 32.219	- / -	- / 32.219
P-3a	13 / Suite of Integrated Radio Frequency Countermeasures (SIRFC) (Survivability)			- / 448.113	- / 14.541	- / 13.555	- / 24.163	- / -	- / 24.163
P-3a	14 / Silent Knight TF/TA Radar (Added Capability)			- / 25.931	- / 26.593	- / 51.964	- / 38.709	- / -	- / 38.709
P-3a	15 / Mission Processor Upgrades (MPU) (Added Capability)			- / 26.311	- / 16.292	- / 16.630	- / 35.195	- / -	- / 35.195
P-3a	16 / Infrared Countermeasures (IRCM) (Survivability)			- / -	- / -	- / 2.270	- / 5.962	- / -	- / 5.962
P-3a	17 / MH-60M Block Upgrades (Added Capability)			- / -	- / -	- / 6.192	- / 6.409	- / -	- / 6.409
P-3a	18 / Degraded Visual Environment Pilotage System (Added Capability)			- / -	- / -	- / -	- / 7.739	- / -	- / 7.739
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 2,285.845</b>	<b>- / 163.006</b>	<b>- / 135.985</b>	<b>- / 150.396</b>	<b>- / -</b>	<b>- / 150.396</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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/SUSTAINMENT			- / 48.091	- / 45.099	- / 48.837	- / 49.815	Continuing	Continuing
P-3a	13 / Suite of Integrated Radio Frequency Countermeasures (SIRFC) (Survivability)			- / 14.781	- / 10.582	- / 3.937	- / 4.000	Continuing	Continuing
P-3a	14 / Silent Knight TF/TA Radar (Added Capability)			- / 44.089	- / 46.874	- / 41.944	- / 42.783	Continuing	Continuing
P-3a	15 / Mission Processor Upgrades (MPU) (Added Capability)			- / 21.658	- / 12.420	- / 8.299	- / 9.820	Continuing	Continuing
P-3a	16 / Infrared Countermeasures (IRCM) (Survivability)			- / 7.048	- / 3.521	- / 9.840	- / 10.731	Continuing	Continuing
P-3a	17 / MH-60M Block Upgrades (Added Capability)			- / 6.527	- / 6.727	- / 6.869	- / 7.006	Continuing	Continuing
P-3a	18 / Degraded Visual Environment Pilotage System (Added Capability)			- / 27.492	- / 22.436	- / 19.810	- / 20.206	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 169.686</b>	<b>- / 147.659</b>	<b>- / 139.536</b>	<b>- / 144.361</b>	<b>Continuing</b>	<b>Continuing</b>

\*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. A/MH-6M Low Cost Modifications (LCM) include modifications to the A/MH-6 Mission Enhanced Little Bird (MELB), component miniaturizations, SOF-peculiar Engineering Change Proposals (ECP), spares, and minor modifications to SOF-unique equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission enhancements.

FY 2017 PROGRAM JUSTIFICATION: Procures A/MH-6M LCM and commercial spares.

2. A/MH-6M Block Upgrades. This modification will restore 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 also includes modifications to aircraft survivability equipment (ASE) and weapons systems to counter rapidly emerging threats, improve lethality and enhance aircraft.



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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB, 1160482BB, 1160427BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>3. The A/MH-6 Improved Seat System program will procure and install an integrated ballistic tolerant, ergonomic, and crashworthy crew seat system for the A/MH-6M fleet. The current seat utilizes 1960's technology. The Center for Army Lessons Learned reported that over a three year period, 50 Special Operations Aviation Regiment (SOAR) pilots suffered serious back injuries and were grounded due to hard landings in the A/MH-6 aircraft.</p> <p>4. MH-47 Block Upgrades program funds increased capabilities, addresses obsolescence issues, and incorporates new and maturing emerging technologies into the MH-47 aircraft. This project also includes modifications to ASE and weapons systems to counter rapidly emerging threats, improve lethality and enhance aircraft.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures one A Kit, one B Kit, government furnished equipment, systems engineering/integration, and publication/integrated logistics support.</p> <p>5. MH-47 LCM include Army ECP modifications due to the unique configuration of SOF aircraft, SOF-peculiar ECPs, spares, and minor modifications to SOF-unique equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission enhancements.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures MH-47 LCM and commercial spares.</p> <p>6. MH-60 LCM include modifications to the MH-60, component miniaturizations, SOF-peculiar ECPs, spares, and minor modifications to SOF-unique equipment to improve reliability and maintainability, correct deficiencies, address obsolescence, and incorporate mission enhancements including improvements over the existing MH-60L/M fleet.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures MH-60 LCM and commercial spares.</p> <p>7. The NGFLIR program consists of non-recurring engineering (NRE), procurement, and installation of FLIR Pre-Planned Product Improvements (P3I). The P3I will improve targeting, tracking and aircrew situational awareness on ARSOA light and heavy weight platforms.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Modifies and installs Army-Common Sensor Payload sensor onto MH-60M Defensive Armed Penetrator (DAP) platforms.</p> <p>8. SRTV provides full motion video from ground or air assets to enable real time threat assessment and to maximize mission effectiveness and survivability. SRTV will increase mission success and crew/ platform survivability by confirming or denying that the assault plan is viable and that offensive maneuver force is sufficient to overwhelm the enemy.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures and installs A Kits, B Kits, and NRE for SRTV installation on ARSOA aircraft.</p> <p>9. The SBUD program procures concurrency, obsolescence, and fidelity upgrades to special mission aircraft combat mission simulators ensuring realistic full-spectrum training and mission rehearsal capabilities. Rotary wing training systems include, but are not limited to, Combat Mission Simulators (CMS) for the MH-47, MH-60, A/MH-6, and peripheral devices. These CMS have the highest utilization rates across the Army Aviation Enterprise; thereby, reducing risk for complex mission sets and reducing overall costs and safety stresses of live training. Additionally, this suite of training devices ensures the SOAR(A) meets its aviator throughput requirement by maximizing resources required to attain aircraft and mission proficiency.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Continues to procure modifications to aircrew training devices and production support.</p> <p>10. HFIS detects anti-aircraft artillery, rocket propelled grenade launches, and other small arms fire. By providing detection and angle of arrival information, the HFIS will allow the aircrew to perform evasive and counter-fire actions significantly increasing the aircraft's probability of survival.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures eight aircraft installs, NRE, and integration support.</p>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB, 1160482BB, 1160427BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>11. ROSES reduces aircraft illumination against advanced infrared (IR) guided Surface-to-Air Missiles (SAM) systems, which play a large role in modern day air warfare. The deployment of current flares during periods of darkness further exposes SOAR (A) aircraft to additional danger from these projectiles since they diffuse visible energy that highlight the target aircraft's position and increase its vulnerability to additional threats and attacks.</p> <p>12. ASE program was established to procure and field critical active and passive SOF-unique aircraft survivability equipment to counter rapidly evolving SA 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 aircraft survivability equipment, addresses obsolescence issues through production based engineering change proposals, provides technical data and fielding support and testing. This program received FY 2015 Overseas Contingency Operations (OCO) funds via FY15-28 PA signed 27 August 2015, in support of JUONS 50-0010. Funds were provided to address an emergent threat and will procure, integrate and install Department of Navy (DoN) LAIRCM systems on SOCOM helicopters.</p> <p>13. SIRFC is a fully integrated, modular and adaptable suite of active aircraft survivability equipment that increases combat effectiveness and potential for mission accomplishment for Army Special Operations Aviation (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 FY 2017 funding request was reduced by \$3.945 million to account for the availability of prior year execution balances.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures and installs 18 LRU-2 B Kits, continues LRU-1 pre-planned product improvements/upgrades, addresses obsolescence issues (ECPs), fielding support, and associated flight test.</p> <p>14. The Silent Knight TF/TA Radar program will procure and install the AN/APQ-187, a SOF-common TF/TA Multi-Mode Radar, spares, and ECPs. The AN/APQ-187 is characterized by a Low Probability of Intercept/Low Probability of Detection capability. The radar will be installed on the MH-47G, MH-60M, CV-22, and MC-130J. This new 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 FY 2017 funding request was reduced by \$4.000 million to account for the availability of prior year execution balances.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures ten MH-47G AN/APQ-187 B Kits, MH-47G A Kits, ECPs, and two spares.</p> <p>15. 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. Future updates include: the Federal Aviation Agency Global Air Traffic Management (GATM), Situational Awareness For Safe Aircraft Recovery (SAFEAIR), Cognitive Decision Aiding System (CDAS), and Airborne Mission Networking (AMN). SAFEAIR uses inertial navigation systems and onboard data to generate a 3-dimensional representation of the Earth's surface to increase battlespace awareness. CDAS uses information on threat, route, weather, terrain, and friendly forces to rapidly adjust an aircraft's route to and from the objective. This program also includes upgrades to the Common Avionics Architecture System (CAAS) and the CMS, 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/Global Airspace Traffic Management (GATM) requirements. AMN 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. AMN provides Army Special Operations Aviation 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 2017 PROGRAM JUSTIFICATION: Procures 5 Auto Dependent Surveillance - Broadcast B Kits, GATM, CDAS, and SAFEAIR software and integration, 84 General Purpose Processing Units B Kits, 17 AMN A Kits, 11 B Kits, software integration, spares and non-recurring engineering, 16 DCU Modernization B Kits, initial spares, integration and associated logistics support.</p> <p>16. The 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 will develop, integrate, qualify, and test a DoN developmental lightweight IRCM system to include a missile warning system and countermeasure capability. The A/MH-6 is the only tactical aircraft in the SOF inventory without protection from infrared guided and other advanced Man-Portable Air-Defense Missiles.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures ten A Kits, three B Kits, initial spares, integration, and logistics support.</p>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB, 1160482BB, 1160427BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	

17. The MH-60M Block Upgrades program funds increased capabilities, addresses obsolescence issues, and incorporates new and maturing emerging technologies into the MH-60M aircraft. This project also includes modifications to ASE and weapons systems to counter rapidly emerging threats, improve lethality and enhance aircraft survivability.

FY 2017 PROGRAM JUSTIFICATION: Procures 12 A Kits, 12 installation kits, system engineering, logistical and program support.

18. The Degraded Visual Environment Pilotage System (DVEPS) solution will fuse information from currently fielded aircraft sensors with emerging sensor technology 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 FY 2017 funding request was reduced by \$8.000 million to account for the availability of prior year execution balances.

FY 2017 PROGRAM JUSTIFICATION: Procures and fields two DVEPS A Kits and B Kits, spares, fielding support, integration and program support costs.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Aggregated Items Title:</b> ROTARY WING UPGRADES/ SUSTAINMENT
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1 - A/MH-6M Low Cost Modifications (LCM)</b>																				
A / Low Cost Modifications (LCM)			-	-	2.614	-	-	2.457	-	-	2.540	-	-	2.588	-	-	-	-	-	2.588
<b>Subtotal: 1 - A/MH-6M Low Cost Modifications (LCM)</b>			<b>-</b>	<b>-</b>	<b>2.614</b>	<b>-</b>	<b>-</b>	<b>2.457</b>	<b>-</b>	<b>-</b>	<b>2.540</b>	<b>-</b>	<b>-</b>	<b>2.588</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.588</b>
<b>2 - A/MH-6M Block Upgrades</b>																				
A / Block Upgrades			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 2 - A/MH-6M Block Upgrades</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>3 - A/MH-6M Improved Seat System</b>																				
A / A/MH-6M Improved Seat System			-	-	14.858	-	-	3.728	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 3 - A/MH-6M Improved Seat System</b>			<b>-</b>	<b>-</b>	<b>14.858</b>	<b>-</b>	<b>-</b>	<b>3.728</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>4 - MH-47 Block Upgrades</b>																				
A / A/B Kits			0.918	21	19.281	0.498	16	7.972	0.683	5	3.416	0.822	1	0.822	-	-	-	0.822	1	0.822
B / Non Recurring Engineering (NRE)			-	-	2.944	-	-	7.519	-	-	7.571	-	-	-	-	-	-	-	-	-
C / GFE/Integration, Publications, Logistics Support			-	-	26.246	-	-	10.391	-	-	5.607	-	-	3.482	-	-	-	-	-	3.482
<b>Subtotal: 4 - MH-47 Block Upgrades</b>			<b>-</b>	<b>-</b>	<b>48.471</b>	<b>-</b>	<b>-</b>	<b>25.882</b>	<b>-</b>	<b>-</b>	<b>16.594</b>	<b>-</b>	<b>-</b>	<b>4.304</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4.304</b>
<b>5 - MH-47 LCM</b>																				
A / LCM			-	-	5.254	-	-	2.878	-	-	3.134	-	-	3.195	-	-	-	-	-	3.195
<b>Subtotal: 5 - MH-47 LCM</b>			<b>-</b>	<b>-</b>	<b>5.254</b>	<b>-</b>	<b>-</b>	<b>2.878</b>	<b>-</b>	<b>-</b>	<b>3.134</b>	<b>-</b>	<b>-</b>	<b>3.195</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.195</b>
<b>6 - MH-60 LCM</b>																				
A / LCM			-	-	2.328	-	-	2.392	-	-	2.399	-	-	2.444	-	-	-	-	-	2.444
<b>Subtotal: 6 - MH-60 LCM</b>			<b>-</b>	<b>-</b>	<b>2.328</b>	<b>-</b>	<b>-</b>	<b>2.392</b>	<b>-</b>	<b>-</b>	<b>2.399</b>	<b>-</b>	<b>-</b>	<b>2.444</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.444</b>
<b>7 - Next Generation Forward Looking Infrared (NGFLIR)</b>																				
A / Sensor Payload Modification			-	-	-	-	-	-	-	-	-	-	-	2.298	-	-	-	-	-	2.298
<b>Subtotal: 7 - Next Generation Forward Looking Infrared (NGFLIR)</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.298</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.298</b>
<b>8 - Secure Real Time Video (SRTV)</b>																				
A / A/B Kits			-	-	4.263	-	-	4.239	-	-	2.981	-	-	1.440	-	-	-	-	-	1.440
B / NRE			-	-	3.862	-	-	-	-	-	0.772	-	-	1.871	-	-	-	-	-	1.871
C / Other Support			-	-	3.888	-	-	2.465	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 8 - Secure Real Time Video (SRTV)</b>			<b>-</b>	<b>-</b>	<b>12.013</b>	<b>-</b>	<b>-</b>	<b>6.704</b>	<b>-</b>	<b>-</b>	<b>3.753</b>	<b>-</b>	<b>-</b>	<b>3.311</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.311</b>

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Aggregated Items Title:</b> ROTARY WING UPGRADES/ SUSTAINMENT
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>9 - Simulator Block (SBUD) (USASOC)</b>																				
A / Updates (USASOC)			-	-	7.794	-	-	6.262	-	-	9.720	-	-	8.368	-	-	-	-	-	8.368
B / Production Support (USASOC)			-	-	1.764	-	-	1.376	-	-	1.379	-	-	1.406	-	-	-	-	-	1.406
<b>Subtotal: 9 - Simulator Block (SBUD) (USASOC)</b>			<b>-</b>	<b>-</b>	<b>9.558</b>	<b>-</b>	<b>-</b>	<b>7.638</b>	<b>-</b>	<b>-</b>	<b>11.099</b>	<b>-</b>	<b>-</b>	<b>9.774</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9.774</b>
<b>10 - Hostile Fire Indicator System (HFIS)</b>																				
A / A/B Kits			0.238	10	2.376	0.218	4	0.871	0.218	14	3.055	0.250	8	1.999	-	-	-	0.250	8	1.999
B / Spares			0.384	2	0.768	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C / NRE			-	-	5.040	-	-	1.272	-	-	1.039	-	-	0.500	-	-	-	-	-	0.500
D / Integration			-	-	2.838	-	-	0.220	-	-	0.247	-	-	0.273	-	-	-	-	-	0.273
<b>Subtotal: 10 - Hostile Fire Indicator System (HFIS)</b>			<b>-</b>	<b>-</b>	<b>11.022</b>	<b>-</b>	<b>-</b>	<b>2.363</b>	<b>-</b>	<b>-</b>	<b>4.341</b>	<b>-</b>	<b>-</b>	<b>2.772</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.772</b>
<b>11 - Reduced Optical Signature Emissions Solution (ROSES)</b>																				
A / Hardware (Flares)			-	-	4.333	-	-	1.462	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 11 - Reduced Optical Signature Emissions Solution (ROSES)</b>			<b>-</b>	<b>-</b>	<b>4.333</b>	<b>-</b>	<b>-</b>	<b>1.462</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>12 - Aircraft Survivability Equipment (ASE)</b>																				
A / Flares Upgrade			-	-	-	-	-	18.903	-	-	-	-	-	-	-	-	-	-	-	-
B / Non-Recurring Engineering			-	-	-	-	-	6.372	-	-	-	-	-	-	-	-	-	-	-	-
C / DoN LAIRCM Systems			-	-	-	-	-	22.890	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 12 - Aircraft Survivability Equipment (ASE)</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>48.165</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial Spares</b>																				
Commercial Spares			-	-	-	-	-	1.911	-	-	1.514	-	-	1.533	-	-	-	-	-	1.533
<b>Subtotal: Commercial Spares</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.911</b>	<b>-</b>	<b>-</b>	<b>1.514</b>	<b>-</b>	<b>-</b>	<b>1.533</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.533</b>
<b>Prior Years Funding</b>																				
A / Prior Years - Overseas Contingency Operations			-	-	11.350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B / Prior Year Programs - Baseline			-	-	1,663.691	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Prior Years Funding</b>			<b>-</b>	<b>-</b>	<b>1,675.041</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>			<b>-</b>	<b>-</b>	<b>1,785.492</b>	<b>-</b>	<b>-</b>	<b>105.580</b>	<b>-</b>	<b>-</b>	<b>45.374</b>	<b>-</b>	<b>-</b>	<b>32.219</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32.219</b>

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
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/ SUSTAINMENT					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>1 - A/MH-6M Low Cost Modifications (LCM)</b>																				
A / Low Cost Modifications (LCM)			-	-	2.637	-	-	2.686	-	-	2.742	-	-	2.797	Continuing			Continuing		
<b>Subtotal: 1 - A/MH-6M Low Cost Modifications (LCM)</b>			-	-	<b>2.637</b>	-	-	<b>2.686</b>	-	-	<b>2.742</b>	-	-	<b>2.797</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>2 - A/MH-6M Block Upgrades</b>																				
A / Block Upgrades			-	-	21.137	-	-	23.098	-	-	23.582	-	-	24.054	Continuing			Continuing		
<b>Subtotal: 2 - A/MH-6M Block Upgrades</b>			-	-	<b>21.137</b>	-	-	<b>23.098</b>	-	-	<b>23.582</b>	-	-	<b>24.054</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>3 - A/MH-6M Improved Seat System</b>																				
A / A/MH-6M Improved Seat System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.586
<b>Subtotal: 3 - A/MH-6M Improved Seat System</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>18.586</b>
<b>4 - MH-47 Block Upgrades</b>																				
A / A/B Kits			0.709	3	2.126	-	-	-	-	-	-	-	-	-	-	-	-	0.731	46	33.617
B / Non Recurring Engineering (NRE)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.034
C / GFE/Integration, Publications, Logistics Support			-	-	2.278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.004
<b>Subtotal: 4 - MH-47 Block Upgrades</b>			-	-	<b>4.404</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>99.655</b>
<b>5 - MH-47 LCM</b>																				
A / LCM			-	-	3.254	-	-	3.322	-	-	3.392	-	-	3.460	Continuing			Continuing		
<b>Subtotal: 5 - MH-47 LCM</b>			-	-	<b>3.254</b>	-	-	<b>3.322</b>	-	-	<b>3.392</b>	-	-	<b>3.460</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>6 - MH-60 LCM</b>																				
A / LCM			-	-	2.489	-	-	2.537	-	-	2.590	-	-	2.642	Continuing			Continuing		
<b>Subtotal: 6 - MH-60 LCM</b>			-	-	<b>2.489</b>	-	-	<b>2.537</b>	-	-	<b>2.590</b>	-	-	<b>2.642</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>7 - Next Generation Forward Looking Infrared (NGFLIR)</b>																				
A / Sensor Payload Modification			-	-	2.312	-	-	1.825	-	-	1.863	-	-	1.900	Continuing			Continuing		
<b>Subtotal: 7 - Next Generation Forward Looking Infrared (NGFLIR)</b>			-	-	<b>2.312</b>	-	-	<b>1.825</b>	-	-	<b>1.863</b>	-	-	<b>1.900</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>8 - Secure Real Time Video (SRTV)</b>																				
A / A/B Kits			-	-	-	-	-	-	-	-	2.814	-	-	2.870	Continuing			Continuing		
B / NRE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.505
C / Other Support			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.353
<b>Subtotal: 8 - Secure Real Time Video (SRTV)</b>			-	-	-	-	-	-	-	-	<b>2.814</b>	-	-	<b>2.870</b>	<b>Continuing</b>			<b>Continuing</b>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command																Date: February 2016					
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/ SUSTAINMENT									
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost			
			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)	
<b>9 - Simulator Block (SBUD) (USASOC)</b>																					
A / Updates (USASOC)			-	-	8.870	-	-	8.593	-	-	8.752	-	-	8.927	Continuing			Continuing			
B / Production Support (USASOC)			-	-	1.432	-	-	1.456	-	-	1.484	-	-	1.514	Continuing			Continuing			
<b>Subtotal: 9 - Simulator Block (SBUD) (USASOC)</b>			-	-	<b>10.302</b>	-	-	<b>10.049</b>	-	-	<b>10.236</b>	-	-	<b>10.441</b>	<b>Continuing</b>			<b>Continuing</b>			
<b>10 - Hostile Fire Indicator System (HFIS)</b>																					
A / A/B Kits			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.231	36	8.301	
B / Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.384	2	0.768	
C / NRE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.851	
D / Integration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.578	
<b>Subtotal: 10 - Hostile Fire Indicator System (HFIS)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>20.526</b>	
<b>11 - Reduced Optical Signature Emissions Solution (ROSES)</b>																					
A / Hardware (Flares)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.795	
<b>Subtotal: 11 - Reduced Optical Signature Emissions Solution (ROSES)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>5.795</b>
<b>12 - Aircraft Survivability Equipment (ASE)</b>																					
A / Flares Upgrade			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.903	
B / Non-Recurring Engineering			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.372	
C / DoN LAIRCM Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.890	
<b>Subtotal: 12 - Aircraft Survivability Equipment (ASE)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>48.165</b>
<b>Commercial Spares</b>																					
Commercial Spares			-	-	1.556	-	-	1.582	-	-	1.618	-	-	1.651	Continuing			Continuing			
<b>Subtotal: Commercial Spares</b>			-	-	<b>1.556</b>	-	-	<b>1.582</b>	-	-	<b>1.618</b>	-	-	<b>1.651</b>	<b>Continuing</b>			<b>Continuing</b>			
<b>Prior Years Funding</b>																					
A / Prior Years - Overseas Contingency Operations			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.350	
B / Prior Year Programs - Baseline			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,663.691	
<b>Subtotal: Prior Years Funding</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,675.041</b>
<b>Total</b>			-	-	<b>48.091</b>	-	-	<b>45.099</b>	-	-	<b>48.837</b>	-	-	<b>49.815</b>	<b>Continuing</b>			<b>Continuing</b>			

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Aggregated Items Title:</b> ROTARY WING UPGRADES/ SUSTAINMENT

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



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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command							<b>Date:</b> February 2016				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1			<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT				<b>Modification Number / Title:</b> 13 / Suite of Integrated Radio Frequency Countermeasures (SIRFC)				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	448.113	14.541	13.555	24.163	-	24.163	14.781	10.582	3.937	4.000	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	448.113	14.541	13.555	24.163	-	24.163	14.781	10.582	3.937	4.000	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>448.113</b>	<b>14.541</b>	<b>13.555</b>	<b>24.163</b>	-	<b>24.163</b>	<b>14.781</b>	<b>10.582</b>	<b>3.937</b>	<b>4.000</b>	<b>Continuing</b>	<b>Continuing</b>
<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> )	32.418	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

SIRFC is the next generation of Radio Frequency (RF) detection and countermeasures for Army Special Operations Aviation (ARSOA) MH-47, MH-60, and CV-22 aircraft. SIRFC passively detects and actively counters radar-guided missile systems for ARSOA aircraft. SIRFC is a critical component of ARSOA 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 defensive capabilities required to defeat RF threats identified in the United States Special Operations Command (USSOCOM) Threat Environment Description. Jammers consist of both LRU-2 (Line Replaceable Unit), 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. Pricing is heavily affected by order quantity.

**Development Status/Major Development Milestones**

<b>Date</b>	<b>Title</b>	<b>Description</b>
Sep 2005	Milestone C Acquisition Decision Memorandum Signed	
Sep 2007	Initial Operational Test & Evaluation (IOT&E) Completed	

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 13 / Suite of Integrated Radio Frequency Countermeasures (SIRFC)			
<b>Models of Systems Affected:</b> MH-47G/MH-60M				<b>Modification Type:</b> Survivability				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>Procurement</b>													
<i>Modification Item 1 of 1: SIRFC</i>													
B Kits													
Recurring													
LRU-1 <sup>(1)</sup>	133 / 112.406	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	133 / 112.406	
LRU-2 <sup>(2)</sup>	91 / 28.880	- / -	17 / 5.491	18 / 5.814	- / -	18 / 5.814	- / -	- / -	- / -	- / -	- / -	126 / 40.185	
LRU-3	116 / 57.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 57.305	
LRU-4	133 / 77.413	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	133 / 77.413	
LRU-5	133 / 4.267	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	133 / 4.267	
<i>Subtotal: Recurring</i>	<i>606 / 280.271</i>	<i>- / -</i>	<i>17 / 5.491</i>	<i>18 / 5.814</i>	<i>- / -</i>	<i>18 / 5.814</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>641 / 291.576</i>	
Non-Recurring													
LRU-1 Upgrades	- / 6.302	- / 13.506	- / 2.076	- / 9.906	- / -	- / 9.906	- / 3.375	- / 2.550	- / 1.875	- / 1.914	Continuing	Continuing	
<i>Subtotal: Non-Recurring</i>	<i>- / 6.302</i>	<i>- / 13.506</i>	<i>- / 2.076</i>	<i>- / 9.906</i>	<i>- / -</i>	<i>- / 9.906</i>	<i>- / 3.375</i>	<i>- / 2.550</i>	<i>- / 1.875</i>	<i>- / 1.914</i>	<i>Continuing</i>	<i>Continuing</i>	
<i>Subtotal: SIRFC</i>	<i>606 / 286.573</i>	<i>- / 13.506</i>	<i>17 / 7.567</i>	<i>18 / 15.720</i>	<i>- / -</i>	<i>18 / 15.720</i>	<i>- / 3.375</i>	<i>- / 2.550</i>	<i>- / 1.875</i>	<i>- / 1.914</i>	<i>Continuing</i>	<i>Continuing</i>	
<i>Subtotal: Procurement, All Modification Items</i>	<i>- / 286.573</i>	<i>- / 13.506</i>	<i>- / 7.567</i>	<i>- / 15.720</i>	<i>- / -</i>	<i>- / 15.720</i>	<i>- / 3.375</i>	<i>- / 2.550</i>	<i>- / 1.875</i>	<i>- / 1.914</i>	<i>Continuing</i>	<i>Continuing</i>	
<b>Support (All Modification Items)</b>													
Qualification Flight Test Support	- / 9.940	- / -	- / 1.500	- / 2.370	- / -	- / 2.370	- / 0.231	- / -	- / -	- / -	- / -	- / 14.041	
Obsolescence/Engineering Change Proposals	- / 15.739	- / -	- / 2.450	- / 3.339	- / -	- / 3.339	- / 9.199	- / 6.579	- / 0.920	- / 0.929	Continuing	Continuing	
Fielding Support <sup>(3)</sup>	- / 13.909	- / 1.035	- / 2.038	- / 2.734	- / -	- / 2.734	- / 1.976	- / 1.453	- / 1.142	- / 1.157	Continuing	Continuing	
Prior Year Funding	- / 121.952	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 121.952	
<i>Subtotal: Support</i>	<i>- / 161.540</i>	<i>- / 1.035</i>	<i>- / 5.988</i>	<i>- / 8.443</i>	<i>- / -</i>	<i>- / 8.443</i>	<i>- / 11.406</i>	<i>- / 8.032</i>	<i>- / 2.062</i>	<i>- / 2.086</i>	<i>Continuing</i>	<i>Continuing</i>	
<b>Installation</b>													
<i>Subtotal: Installation</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>448.113</b>	<b>14.541</b>	<b>13.555</b>	<b>24.163</b>	<b>-</b>	<b>24.163</b>	<b>14.781</b>	<b>10.582</b>	<b>3.937</b>	<b>4.000</b>	<b>Continuing</b>	<b>Continuing</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 13 / Suite of Integrated Radio Frequency Countermeasures (SIRFC)

**Modification Item 1 of 1:** SIRFC

**Manufacturer Information**

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 7			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates	Mar 2015	Apr 2016	Apr 2017	Apr 2018	Apr 2019	Apr 2020	Apr 2021
Delivery Dates	Sep 2016	Dec 2016	Dec 2018	Dec 2018	Dec 2019	Dec 2020	Dec 2021

**Installation Information**

<b>Method of Implementation (Organic):</b> Various	<b>Installation Quantity:</b> 641
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**Footnotes:**

- (1) B Kit for RWR is comprised of LRUs 1, 4, and 5. 141 each fill the basis of issues (BOI) for 100% RWR capability. Eight each LRU 1,4,5 were procured by the MH-47 Plus-8 Program.
- (2) B Kit for Jamming is comprised of LRUs 2 & 3.
- (3) SIRFC fielding support funds test equipment (PLM-4, USM-670), aircraft adapter kits, fully representative diagnostic maintenance bench, Initial Depot/Aviation Unit Maintenance sparing, training, publications, and deployment support kits.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 14 / Silent Knight TF/TA Radar	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	25.931	26.593	51.964	38.709	-	38.709	44.089	46.874	41.944	42.783	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	25.931	26.593	51.964	38.709	-	38.709	44.089	46.874	41.944	42.783	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>25.931</b>	<b>26.593</b>	<b>51.964</b>	<b>38.709</b>	-	<b>38.709</b>	<b>44.089</b>	<b>46.874</b>	<b>41.944</b>	<b>42.783</b>	<b>Continuing</b>	<b>Continuing</b>
<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> )	-	3.676	7.821	7.963	-	7.963	8.165	9.277	9.448	9.637	Continuing	Continuing
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

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

<b>Development Status/Major Development Milestones</b>		
<b>Date</b>	<b>Title</b>	<b>Description</b>
Jul 2013	Low-Rate Initial Production	Purchased four low-rate initial production units in FY 2013 that delivered in FY 2015.

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT					<b>Modification Number / Title:</b> 14 / Silent Knight TF/TA Radar			

<b>Models of Systems Affected:</b> MH-47G, MH-60M, MC-130, CV-22				<b>Modification Type:</b> Added Capability				<b>Related RDT&amp;E PEs:</b> 1160403BB			
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Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
<b>RDT&amp;E PE #</b>												
1160403BB	- / 255.268	- / 12.412	- / -	- / -	- / -	- / -	- / -	- / 1.984	- / 8.031	- / -	- / -	- / 277.695
<b>Procurement</b>												
<b>Modification Item 1 of 1: SKR TF/TA</b>												
A Kits												
Recurring												
AN/APQ-187 (MH-47)	- / 0.457	- / 0.570	- / 0.378	- / 0.072	- / -	- / 0.072	- / 0.600	- / 0.900	- / 1.200	- / 1.200	Continuing	Continuing
AN/APQ-187 (MH-60)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150	- / -	Continuing	Continuing
<b>Subtotal: Recurring</b>	<b>- / 0.457</b>	<b>- / 0.570</b>	<b>- / 0.378</b>	<b>- / 0.072</b>	<b>- / -</b>	<b>- / 0.072</b>	<b>- / 0.600</b>	<b>- / 0.900</b>	<b>- / 1.350</b>	<b>- / 1.200</b>	<b>Continuing</b>	<b>Continuing</b>
B Kits												
Recurring												
AN/APQ-187	5 / 24.974	6 / 22.313	14 / 43.539	10 / 30.346	- / -	10 / 30.346	12 / 35.324	12 / 36.697	10 / 31.146	11 / 31.946	Continuing	Continuing
Initial Spares	- / -	1 / 3.276	2 / 7.821	2 / 7.963	- / -	2 / 7.963	2 / 8.165	3 / 9.277	3 / 9.448	3 / 9.637	Continuing	Continuing
<b>Subtotal: Recurring</b>	<b>5 / 24.974</b>	<b>7 / 25.589</b>	<b>16 / 51.360</b>	<b>12 / 38.309</b>	<b>- / -</b>	<b>12 / 38.309</b>	<b>14 / 43.489</b>	<b>15 / 45.974</b>	<b>13 / 40.594</b>	<b>14 / 41.583</b>	<b>Continuing</b>	<b>Continuing</b>
<b>Subtotal: SKR TF/TA</b>	<b>5 / 25.431</b>	<b>7 / 26.159</b>	<b>16 / 51.738</b>	<b>12 / 38.381</b>	<b>- / -</b>	<b>12 / 38.381</b>	<b>14 / 44.089</b>	<b>15 / 46.874</b>	<b>13 / 41.944</b>	<b>14 / 42.783</b>	<b>Continuing</b>	<b>Continuing</b>
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 25.431</b>	<b>- / 26.159</b>	<b>- / 51.738</b>	<b>- / 38.381</b>	<b>- / -</b>	<b>- / 38.381</b>	<b>- / 44.089</b>	<b>- / 46.874</b>	<b>- / 41.944</b>	<b>- / 42.783</b>	<b>Continuing</b>	<b>Continuing</b>
<b>Support (All Modification Items)</b>												
Engineering Change Proposals (ECPs)	- / -	- / -	- / 0.226	- / 0.328	- / -	- / 0.328	- / -	- / -	- / -	- / -	- / -	- / 0.554
Other	- / 0.500	- / 0.434	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.934
<b>Subtotal: Support</b>	<b>- / 0.500</b>	<b>- / 0.434</b>	<b>- / 0.226</b>	<b>- / 0.328</b>	<b>- / -</b>	<b>- / 0.328</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 1.488</b>
<b>Installation</b>												
<b>Subtotal: Installation</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>25.931</b>	<b>26.593</b>	<b>51.964</b>	<b>38.709</b>	<b>-</b>	<b>38.709</b>	<b>44.089</b>	<b>46.874</b>	<b>41.944</b>	<b>42.783</b>	<b>Continuing</b>	<b>Continuing</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 14 / Silent Knight TF/TA Radar

**Modification Item 1 of 1:** SKR TF/TA

**Manufacturer Information**

Manufacturer Name: Raytheon	Manufacturer Location: Forest, MS
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 14

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	Feb 2016	Aug 2016	Jan 2017	Jan 2018	Jan 2019	Jan 2020	Jan 2021
Delivery Dates	Apr 2017	Oct 2017	Mar 2018	Mar 2019	Mar 2020	Mar 2021	Mar 2022

**Installation Information**

<b>Method of Implementation (Organic):</b> Contractor	<b>Installation Quantity:</b> 141
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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)	

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	26.311	16.292	16.630	35.195	-	35.195	21.658	12.420	8.299	9.820	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	26.311	16.292	16.630	35.195	-	35.195	21.658	12.420	8.299	9.820	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>26.311</b>	<b>16.292</b>	<b>16.630</b>	<b>35.195</b>	<b>-</b>	<b>35.195</b>	<b>21.658</b>	<b>12.420</b>	<b>8.299</b>	<b>9.820</b>	<b>Continuing</b>	<b>Continuing</b>
<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> )	-	-	0.368	0.548	-	0.548	1.842	2.685	0.385	1.312	Continuing	Continuing
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Mission Processor Upgrade (MPU) program provides for the technology refreshment/upgrade of the current mission and video processors for all Army Special Operations Aviation (ARSOA) Multi-Function Displays (MFD) and Control Display Units (CDU) as well as display modernization. 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), replaces ground-based navigation aids with an international requirement that all aircraft be compliant with digital and space-based navigation systems; Situational Awareness for Safe Aircraft Recovery (SAFEAIR), provides passive survivability for flight operations in all-weather conditions by displaying three-dimensional displays with flight path guidance to increase battlespace awareness in zero-visibility conditions; Cognitive Decision Aiding System (CDAS), fuses information on threat, route, weather, terrain, friendly forces, and instantaneously adjusts an aircraft's route to protect the flight crew in hazardous low levels, night, and weather. Automatic Dependent Surveillance-Broadcast (ADS-B) equipment allows Global Positioning System equipped aircraft to transmit their location and altitude to other aircraft and air traffic control. This capability has become more and more critical as the Federal Aviation Agency begins shutting down many of their existing surveillance radars. Airborne Mission Network (AMN) 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. AMN 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.

**Development Status/Major Development Milestones**

Date	Title	Description
Feb 2011	Mission Processor System Integration/Testing	

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

**Models of Systems Affected:** MH-47G/MH-60M/MH-6 **Modification Type:** Added Capability **Related RDT&E PEs:** 1160403BB

Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
<b>RDT&amp;E PE #</b>												
1160403BB	- / -	- / -	- / 0.232	- / 1.074	- / -	- / 1.074	- / 5.087	- / 3.593	- / 1.469	- / 1.498	- / -	- / 12.953
<b>Procurement</b>												
<b>Modification Item 1 of 7: MPU</b>												
B Kits												
Recurring												
A/MH-6 B Kits	51 / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.700
MH-60 B Kits <sup>(4)</sup>	31 / 8.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 8.600
CDU Retrofits	- / 2.053	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.053
MH-47G B Kits <sup>(5)</sup>	113 / 9.075	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 9.075
<b>Subtotal: Recurring</b>	<b>195 / 20.428</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>195 / 20.428</b>
Non-Recurring												
Mission Processor Non-Recurring Engineering	- / 1.905	- / 0.334	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.239
Initial Spares	- / -	- / -	- / 0.368	- / 0.548	- / -	- / 0.548	- / 1.355	- / 1.350	- / -	- / -	- / -	- / 3.621
<b>Subtotal: Non-Recurring</b>	<b>- / 1.905</b>	<b>- / 0.334</b>	<b>- / 0.368</b>	<b>- / 0.548</b>	<b>- / -</b>	<b>- / 0.548</b>	<b>- / 1.355</b>	<b>- / 1.350</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 5.860</b>
<b>Subtotal: MPU</b>	<b>195 / 22.333</b>	<b>- / 0.334</b>	<b>- / 0.368</b>	<b>- / 0.548</b>	<b>- / -</b>	<b>- / 0.548</b>	<b>- / 1.355</b>	<b>- / 1.350</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>195 / 26.288</b>
<b>Modification Item 2 of 7: ADS-B</b>												
B Kits												
Recurring												
ADS-B B Kits	- / -	- / -	- / -	5 / 0.050	- / -	5 / 0.050	187 / 1.870	- / -	- / -	- / -	- / -	192 / 1.920
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>5 / 0.050</b>	<b>- / -</b>	<b>5 / 0.050</b>	<b>187 / 1.870</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>192 / 1.920</b>
<b>Subtotal: ADS-B</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>5 / 0.050</b>	<b>- / -</b>	<b>5 / 0.050</b>	<b>187 / 1.870</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>192 / 1.920</b>
<b>Modification Item 3 of 7: CAAS Block Upgrades</b>												
B Kits												
Recurring												
GATM Software	- / -	- / 3.845	- / 3.400	- / 2.940	- / -	- / 2.940	- / -	- / -	- / -	- / -	- / -	- / 10.185
CDAS Software	- / -	- / 1.645	- / 4.972	- / 5.017	- / -	- / 5.017	- / 1.129	- / -	- / -	- / -	- / -	- / 12.763
SAFEAIR Software	- / -	- / -	- / 2.950	- / 2.644	- / -	- / 2.644	- / -	- / -	- / -	- / -	- / -	- / 5.594
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / 5.490</b>	<b>- / 11.322</b>	<b>- / 10.601</b>	<b>- / -</b>	<b>- / 10.601</b>	<b>- / 1.129</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 28.542</b>
Non-Recurring												
CAAS Block Upgrade Non-Recurring Engineering	- / 1.805	- / 0.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.164
<b>Subtotal: Non-Recurring</b>	<b>- / 1.805</b>	<b>- / 0.359</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 2.164</b>



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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)				
<b>Models of Systems Affected:</b> MH-47G/MH-60M/MH-6					<b>Modification Type:</b> Added Capability					<b>Related RDT&amp;E PEs:</b> 1160403BB				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>		
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>		
<i>Subtotal: CAAS Block Upgrades</i>	- / 1.805	- / 5.849	- / 11.322	- / 10.601	- / -	- / 10.601	- / 1.129	- / -	- / -	- / -	- / -	- / 30.706		
<b>Modification Item 4 of 7: GPPU</b>														
B Kits														
Recurring														
MH-47G B Kits	- / -	- / -	24 / 1.129	41 / 1.927	- / -	41 / 1.927	4 / 0.185	- / -	- / -	- / -	- / -	69 / 3.241		
MH-60M B Kits	- / -	- / -	25 / 1.175	43 / 2.021	- / -	43 / 2.021	4 / 0.185	- / -	- / -	- / -	- / -	72 / 3.381		
<i>Subtotal: Recurring</i>	- / -	- / -	49 / 2.304	84 / 3.948	- / -	84 / 3.948	8 / 0.370	- / -	- / -	- / -	- / -	141 / 6.622		
Non-Recurring														
GPPU Non-Recurring Engineer	- / -	- / 7.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.900		
<i>Subtotal: Non-Recurring</i>	- / -	- / 7.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.900		
<i>Subtotal: GPPU</i>	- / -	- / 7.900	49 / 2.304	84 / 3.948	- / -	84 / 3.948	8 / 0.370	- / -	- / -	- / -	- / -	141 / 14.522		
<b>Modification Item 5 of 7: AMN</b>														
A Kits														
Recurring														
A Kits	- / -	- / -	- / -	17 / 0.990	- / -	17 / 0.990	8 / 0.360	24 / 1.080	25 / 1.540	- / -	Continuing	Continuing		
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	17 / 0.990	- / -	17 / 0.990	8 / 0.360	24 / 1.080	25 / 1.540	- / -	Continuing	Continuing		
B Kits														
Recurring														
B Kits	5 / 0.975	- / -	- / -	11 / 2.036	- / -	11 / 2.036	30 / 3.153	- / -	14 / 2.874	12 / 2.800	Continuing	Continuing		
Multi-Band Networking Radios	- / -	- / -	- / -	- / 0.875	- / -	- / 0.875	- / 1.749	- / 1.312	- / -	- / -	- / -	- / 3.936		
<i>Subtotal: Recurring</i>	5 / 0.975	- / -	- / -	11 / 2.911	- / -	11 / 2.911	30 / 4.902	- / 1.312	14 / 2.874	12 / 2.800	Continuing	Continuing		
Non-Recurring														
Software Integration	- / 0.739	- / 1.411	- / 1.995	- / 3.273	- / -	- / 3.273	- / 1.205	- / -	- / -	- / -	- / -	- / 8.623		
Spares	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.437	- / 1.335	- / 0.385	- / 1.312	Continuing	Continuing		
Non-Recurring Engineering	- / -	- / -	- / -	- / 16.000	- / -	- / 16.000	- / 3.004	- / -	- / -	- / -	- / -	- / 19.004		
<i>Subtotal: Non-Recurring</i>	- / 0.739	- / 1.411	- / 1.995	- / 9.273	- / -	- / 9.273	- / 4.646	- / 1.335	- / 0.385	- / 1.312	Continuing	Continuing		
<i>Subtotal: AMN</i>	- / 1.714	- / 1.411	- / 1.995	- / 13.174	- / -	- / 13.174	- / 9.908	- / 3.727	- / 4.799	- / 4.112	Continuing	Continuing		
<b>Modification Item 6 of 7: DCU Modernization</b>														
B Kits														
Recurring														
DCU B Kits	- / -	- / -	- / -	16 / 1.200	- / -	16 / 1.200	57 / 4.275	68 / 5.100	- / -	- / -	- / -	141 / 10.575		
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	16 / 1.200	- / -	16 / 1.200	57 / 4.275	68 / 5.100	- / -	- / -	- / -	141 / 10.575		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)		
<b>Models of Systems Affected:</b> MH-47G/MH-60M/MH-6				<b>Modification Type:</b> Added Capability				<b>Related RDT&amp;E PEs:</b> 1160403BB				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Subtotal: DCU Modernization</i>	- / -	- / -	- / -	16 / 1.200	- / -	16 / 1.200	57 / 4.275	68 / 5.100	- / -	- / -	- / -	141 / 10.575
<b>Modification Item 7 of 7: DTU Modernization</b>												
B Kits												
Recurring												
DTU B Kits	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.300	54 / 3.240	82 / 4.920	- / -	141 / 8.460
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.300	54 / 3.240	82 / 4.920	- / -	141 / 8.460
<i>Subtotal: DTU Modernization</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.300	54 / 3.240	82 / 4.920	- / -	141 / 8.460
<i>Subtotal: Procurement, All Modification Items</i>	- / 25.852	- / 15.494	- / 15.989	- / 29.521	- / -	- / 29.521	- / 18.907	- / 10.477	- / 8.039	- / 9.032	Continuing	Continuing
<b>Support (All Modification Items)</b>												
ADS-B System Integration/Testing	- / -	- / -	- / 0.196	- / 1.400	- / -	- / 1.400	- / 0.750	- / -	- / -	- / -	- / -	- / 2.346
GPPU Integrated Logistics Support	- / -	- / -	- / 0.200	- / 0.622	- / -	- / 0.622	- / 0.600	- / -	- / -	- / -	- / -	- / 1.422
AMN Integration Assets/Support	- / 0.459	- / 0.798	- / 0.245	- / 0.600	- / -	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / 2.102
AMN Flight Test Support	- / -	- / -	- / -	- / 0.332	- / -	- / 0.332	- / 0.991	- / -	- / -	- / 0.375	Continuing	Continuing
AMN Fielding Support	- / -	- / -	- / -	- / 0.120	- / -	- / 0.120	- / 0.120	- / -	- / -	- / 0.061	Continuing	Continuing
DCU Modernization Integration/Testing	- / -	- / -	- / -	- / 2.600	- / -	- / 2.600	- / 0.290	- / -	- / -	- / -	- / -	- / 2.890
DTU Modernization Integration/Testing	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.943	- / 0.260	- / 0.352	Continuing	Continuing
<i>Subtotal: Support</i>	- / 0.459	- / 0.798	- / 0.641	- / 5.674	- / -	- / 5.674	- / 2.751	- / 1.943	- / 0.260	- / 0.788	Continuing	Continuing
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>26.311</b>	<b>16.292</b>	<b>16.630</b>	<b>35.195</b>	<b>-</b>	<b>35.195</b>	<b>21.658</b>	<b>12.420</b>	<b>8.299</b>	<b>9.820</b>	<b>Continuing</b>	<b>Continuing</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

*Modification Item 1 of 7:* MPU

**Manufacturer Information**

Manufacturer Name: Rockwell Collins				Manufacturer Location: Cedar Rapids, IA			
Administrative Leadtime ( <i>in Months</i> ): 0				Production Leadtime ( <i>in Months</i> ): 9			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates							
Delivery Dates							

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 195
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

**Modification Item 2 of 7:** ADS-B

**Manufacturer Information**

Manufacturer Name: Rockwell Collins				Manufacturer Location: Cedar Rapids, IA			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 9			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates			Apr 2017	Apr 2018			
Delivery Dates			Jan 2018	Jan 2019			

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 192
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

**Modification Item 3 of 7:** CAAS Block Upgrades

**Manufacturer Information**

Manufacturer Name: Rockwell Collins				Manufacturer Location: Cedar Rapids, IA			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 36			
Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	Apr 2015	Apr 2016	Apr 2017	Apr 2018			
Delivery Dates	Mar 2018	Mar 2019	Mar 2020	Mar 2021			

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 0
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

**Modification Item 4 of 7:** GPPU

**Manufacturer Information**

Manufacturer Name: Rockwell Collins				Manufacturer Location: Cedar Rapids, IA			
Administrative Leadtime ( <i>in Months</i> ): 0				Production Leadtime ( <i>in Months</i> ): 9			
Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	Apr 2015	Apr 2016	Apr 2017	Apr 2018			
Delivery Dates	Jan 2016	Jan 2017	Jan 2018	Jan 2019			

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 141
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

*Modification Item 5 of 7:* AMN

**Manufacturer Information**

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime ( <i>in Months</i> ): 0				Production Leadtime ( <i>in Months</i> ): 12			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates			Apr 2017	Apr 2018	Apr 2019	Apr 2020	Apr 2021
Delivery Dates			Apr 2018	Apr 2019	Apr 2019	Apr 2021	Apr 2022

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation/Contractor	<b>Installation Quantity:</b> 72
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

*Modification Item 6 of 7:* DCU Modernization

**Manufacturer Information**

Manufacturer Name: Sanmina-SCI				Manufacturer Location: Huntsville, AL			
Administrative Leadtime ( <i>in Months</i> ): 0				Production Leadtime ( <i>in Months</i> ): 15			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates			Apr 2017	Apr 2018	Apr 2019		
Delivery Dates			Jun 2018	Jun 2019	Jun 2020		

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 141
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 15 / Mission Processor Upgrades (MPU)

**Modification Item 7 of 7:** DTU Modernization

**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			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates					Apr 2019	Apr 2020	Apr 2021
Delivery Dates					Mar 2020	Mar 2021	Mar 2022

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 141
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**Footnotes:**

- <sup>(4)</sup> 41 MH-60 B Kits shipsets funded within MH-60 Modernization program to meet fielding schedule.
- <sup>(5)</sup> 8 MH-47 B Kit shipsets funded under the MH-47 Chinook Plus-8 program.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 16 / Infrared Countermeasures (IRCM)	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	2.270	5.962	-	5.962	7.048	3.521	9.840	10.731	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	2.270	5.962	-	5.962	7.048	3.521	9.840	10.731	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	-	<b>2.270</b>	<b>5.962</b>	-	<b>5.962</b>	<b>7.048</b>	<b>3.521</b>	<b>9.840</b>	<b>10.731</b>	<b>Continuing</b>	<b>Continuing</b>
<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> )	-	-	-	1.500	-	1.500	1.529	-	3.171	2.137	Continuing	Continuing
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program provides a new mission-configurable Missile Warning System, Infrared Countermeasure (IRCM) capability and exhaust suppressor at a weight suitable for the A/MH-6 Mission Enhanced Little Bird with potential use on the MH-60 and MH-47 aircraft. Special Operations Aviation requires the addition of IRCM to protect against increasingly proliferated and sophisticated Man-Portable Air-Defense Weapons.

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 16 / Infrared Countermeasures (IRCM)			
<b>Models of Systems Affected:</b> A/MH-6M				<b>Modification Type:</b> Survivability				<b>Related RDT&amp;E PEs:</b> 1160403BB					
Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)	
<b>RDT&amp;E PE #</b>													
1160403BB	- / 0.173	- / 2.413	- / 3.450	- / 2.498	- / -	- / 2.498	- / 2.277	- / 4.308	- / 2.500	- / -	- / -	- / 17.619	
<b>Procurement</b>													
<b>Modification Item 1 of 1: IRCM</b>													
A Kits													
Recurring													
A/MH-6 A Kits (Missile Warning and Countermeasures)	- / -	- / -	7 / 0.350	10 / 0.640	- / -	10 / 0.640	10 / 0.719	10 / 0.901	10 / 0.922	4 / 0.777	Continuing	Continuing	
A/MH-6 A Kits (Exhaust Suppressor)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.083	10 / 0.106	Continuing	Continuing	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>7 / 0.350</b>	<b>10 / 0.640</b>	<b>- / -</b>	<b>10 / 0.640</b>	<b>10 / 0.719</b>	<b>10 / 0.901</b>	<b>18 / 1.005</b>	<b>14 / 0.883</b>	<b>Continuing</b>	<b>Continuing</b>	
B Kits													
Recurring													
A/MH-6 B Kits (Missile Warning and Countermeasures)	- / -	- / -	1 / 1.200	3 / 3.600	- / -	3 / 3.600	3 / 3.757	1 / 1.598	4 / 3.171	3 / 4.842	Continuing	Continuing	
A/MH-6 B Kits (Exhaust Suppressor)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.370	10 / 1.744	Continuing	Continuing	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>1 / 1.200</b>	<b>3 / 3.600</b>	<b>- / -</b>	<b>3 / 3.600</b>	<b>3 / 3.757</b>	<b>1 / 1.598</b>	<b>12 / 4.541</b>	<b>13 / 6.586</b>	<b>Continuing</b>	<b>Continuing</b>	
Non-Recurring													
Initial Spares (Missile Warning and Countermeasures)	- / -	- / -	- / -	- / 0.900	- / -	- / 0.900	- / 1.529	- / -	- / 3.171	- / 1.614	Continuing	Continuing	
Initial Spares (Exhaust Suppressor)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.523	Continuing	Continuing	
<b>Subtotal: Non-Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.900</b>	<b>- / -</b>	<b>- / 0.900</b>	<b>- / 1.529</b>	<b>- / -</b>	<b>- / 3.171</b>	<b>- / 2.137</b>	<b>Continuing</b>	<b>Continuing</b>	
<b>Subtotal: IRCM</b>	<b>- / -</b>	<b>- / -</b>	<b>8 / 1.550</b>	<b>13 / 5.140</b>	<b>- / -</b>	<b>13 / 5.140</b>	<b>13 / 6.005</b>	<b>11 / 2.499</b>	<b>30 / 8.717</b>	<b>27 / 9.606</b>	<b>Continuing</b>	<b>Continuing</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 1.550</b>	<b>- / 5.140</b>	<b>- / -</b>	<b>- / 5.140</b>	<b>- / 6.005</b>	<b>- / 2.499</b>	<b>- / 8.717</b>	<b>- / 9.606</b>	<b>Continuing</b>	<b>Continuing</b>	
<b>Support (All Modification Items)</b>													
Integration Support (Missile Warning and Countermeasures)	- / -	- / -	- / 0.465	- / 0.440	- / -	- / 0.440	- / 0.553	- / 0.537	- / 0.495	- / 0.473	Continuing	Continuing	
Integrated Logistical Support (Missile Warning and Countermeasures)	- / -	- / -	- / 0.255	- / 0.382	- / -	- / 0.382	- / 0.490	- / 0.485	- / 0.435	- / 0.413	Continuing	Continuing	
Integration Support (Exhaust Suppressor)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.099	- / 0.126	Continuing	Continuing	
Integrated Logistical Support (Exhaust Suppressor)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.094	- / 0.113	Continuing	Continuing	
<b>Subtotal: Support</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.720</b>	<b>- / 0.822</b>	<b>- / -</b>	<b>- / 0.822</b>	<b>- / 1.043</b>	<b>- / 1.022</b>	<b>- / 1.123</b>	<b>- / 1.125</b>	<b>Continuing</b>	<b>Continuing</b>	
<b>Installation</b>													
<b>Subtotal: Installation</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>-</b>	<b>-</b>	<b>2.270</b>	<b>5.962</b>	<b>-</b>	<b>5.962</b>	<b>7.048</b>	<b>3.521</b>	<b>9.840</b>	<b>10.731</b>	<b>Continuing</b>	<b>Continuing</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 16 / Infrared Countermeasures (IRCM)

**Modification Item 1 of 1:** IRCM

**Manufacturer Information**

Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 9			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates		May 2016	May 2017	May 2018	May 2019	May 2020	May 2021
Delivery Dates		Feb 2017	Feb 2018	Feb 2019	Feb 2020	Feb 2021	Feb 2022

**Installation Information**

<b>Method of Implementation (Organic):</b> Depot Installation	<b>Installation Quantity:</b> 69
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 17 / MH-60M Block Upgrades	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	6.192	6.409	-	6.409	6.527	6.727	6.869	7.006	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	6.192	6.409	-	6.409	6.527	6.727	6.869	7.006	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	-	<b>6.192</b>	<b>6.409</b>	-	<b>6.409</b>	<b>6.527</b>	<b>6.727</b>	<b>6.869</b>	<b>7.006</b>	<b>Continuing</b>	<b>Continuing</b>
<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:**

This modification incorporates emerging Army and Army Special Operations Aviation technologies that combat experience has shown are needed for effective operational maneuver, survivability, and safety into MH-60M aircraft, a low density/high demand asset that is critical to executing operational missions. These SOF-peculiar modifications to the MH-60M base aircraft improve performance and safety of the MH-60M. The MH-60M configuration improvements will include but not limited to Dual Digital Automatic Flight Controls improvements, Common Avionics Architecture System upgrades, main rotor speed increases which address Directional Control Margin issues encountered at certain high/hot environmental conditions, and mission equipment technology insertions. The MH-60M provides the critically needed performance for high, hot, heavy missions commonly required to support operational missions. The SOF upgrade converts 72 baseline MH-60M helicopters as the first scheduled upgrade ensuring operational relevance throughout its lifespan. This project also includes modifications to aircraft survivability equipment (ASE) and weapons systems to counter rapidly emerging threats, improve lethality and enhance aircraft.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 17 / MH-60M Block Upgrades

<b>Models of Systems Affected:</b> MH-60M	<b>Modification Type:</b> Added Capability	<b>Related RDT&amp;E PEs:</b> 1160403BB
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Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
<b>RDT&amp;E PE #</b>												
1160403BB	- / -	- / 12.443	- / 11.966	- / 10.677	- / -	- / 10.677	- / 13.479	- / 3.573	- / 2.829	- / 2.886	- / -	- / 37.853

**Procurement**

<b>Modification Item 1 of 1:</b> MH-60M Block Upgrades												
A Kits												
Recurring												
A Kits	- / -	- / -	12 / 1.800	12 / 1.234	- / -	12 / 1.234	12 / 1.239	12 / 1.325	13 / 1.351	1 / 0.120	Continuing	Continuing
Systems Engineering	- / -	- / -	- / 0.917	- / 0.925	- / -	- / 0.925	- / 0.960	- / 1.020	- / 1.062	- / 1.103	Continuing	Continuing
Program Support	- / -	- / -	- / 1.000	- / 1.000	- / -	- / 1.000	- / 1.000	- / 1.000	- / 1.000	- / 1.000	Continuing	Continuing
<b>Subtotal: Recurring</b>	- / -	- / -	12 / 3.717	12 / 3.159	- / -	12 / 3.159	12 / 3.199	12 / 3.345	13 / 3.413	1 / 2.223	Continuing	Continuing
B Kits												
Recurring												
Install Kits	- / -	- / -	4 / 0.992	12 / 2.976	- / -	12 / 2.976	12 / 3.048	12 / 3.093	12 / 3.160	12 / 3.226	Continuing	Continuing
Production Engineering	- / -	- / -	- / 1.261	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.255	- / -	- / 12.516
Integrated Logistical Support	- / -	- / -	- / 0.222	- / 0.274	- / -	- / 0.274	- / 0.280	- / 0.289	- / 0.296	- / 0.302	Continuing	Continuing
<b>Subtotal: Recurring</b>	- / -	- / -	4 / 2.475	12 / 3.250	- / -	12 / 3.250	12 / 3.328	12 / 3.382	12 / 3.456	12 / 4.783	Continuing	Continuing
<b>Subtotal: MH-60M Block Upgrades</b>	- / -	- / -	- / 6.192	- / 6.409	- / -	- / 6.409	- / 6.527	- / 6.727	- / 6.869	- / 7.006	Continuing	Continuing
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / -	- / 6.192	- / 6.409	- / -	- / 6.409	- / 6.527	- / 6.727	- / 6.869	- / 7.006	Continuing	Continuing

**Installation**

<b>Subtotal: Installation</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
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**Total**

<b>Total Cost (Procurement + Support + Installation)</b>	-	-	6.192	6.409	-	6.409	6.527	6.727	6.869	7.006	Continuing	Continuing
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 17 / MH-60M Block Upgrades

**Modification Item 1 of 1:** MH-60M Block Upgrades

**Manufacturer Information**

Manufacturer Name: Bluegrass Army Depot	Manufacturer Location: Lexington, KY
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 6

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates		Jul 2016	Oct 2016	Oct 2017	Oct 2018	Oct 2019	Oct 2020
Delivery Dates		Jan 2017	Apr 2017	Apr 2018	Apr 2019	Apr 2020	Apr 2021

**Installation Information**

<b>Method of Implementation (Organic):</b> Contractor	<b>Installation Quantity:</b> 72
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 18 / Degraded Visual Environment Pilotage System	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	7.739	-	7.739	27.492	22.436	19.810	20.206	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	-	7.739	-	7.739	27.492	22.436	19.810	20.206	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>7.739</b>	-	<b>7.739</b>	<b>27.492</b>	<b>22.436</b>	<b>19.810</b>	<b>20.206</b>	<b>Continuing</b>	<b>Continuing</b>
<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 Degraded Visual Environment Pilotage System DVEPS solution will fuse information from currently fielded aircraft sensors with emerging sensor technology 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.



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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT						<b>Modification Number / Title:</b> 18 / Degraded Visual Environment Pilotage System			
<b>Models of Systems Affected:</b> MH-47G/MH-60M			<b>Modification Type:</b> Added Capability					<b>Related RDT&amp;E PEs:</b> 1160403BB					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>RDT&amp;E PE #</b>													
1160403BB	- / 11.850	- / 16.426	- / 13.465	- / 9.462	- / -	- / 9.462	- / -	- / -	- / -	- / -	- / -	- / 51.203	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Degraded Visual Environment Pilotage System</i>													
<b>A Kits</b>													
Recurring													
A Kits	- / -	- / -	- / -	2 / 0.700	- / -	2 / 0.700	18 / 6.300	15 / 5.250	14 / 4.900	14 / 4.900	Continuing	Continuing	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	2 / 0.700	- / -	2 / 0.700	18 / 6.300	15 / 5.250	14 / 4.900	14 / 4.900	Continuing	Continuing	
<b>B Kits</b>													
Recurring													
B Kits	- / -	- / -	- / -	2 / 1.500	- / -	2 / 1.500	18 / 13.500	15 / 11.250	14 / 10.500	14 / 10.500	Continuing	Continuing	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	2 / 1.500	- / -	2 / 1.500	18 / 13.500	15 / 11.250	14 / 10.500	14 / 10.500	Continuing	Continuing	
Non-Recurring													
Spares	- / -	- / -	- / -	- / 0.750	- / -	- / 0.750	- / 4.500	- / 3.000	- / 3.000	- / 3.000	Continuing	Continuing	
<i>Subtotal: Non-Recurring</i>	- / -	- / -	- / -	- / 0.750	- / -	- / 0.750	- / 4.500	- / 3.000	- / 3.000	- / 3.000	Continuing	Continuing	
<i>Subtotal: Degraded Visual Environment Pilotage System</i>	- / -	- / -	- / -	- / 2.950	- / -	- / 2.950	- / 24.300	- / 19.500	- / 18.400	- / 18.400	Continuing	Continuing	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 2.950	- / -	- / 2.950	- / 24.300	- / 19.500	- / 18.400	- / 18.400	Continuing	Continuing	
<b>Support (All Modification Items)</b>													
Program Support	- / -	- / -	- / -	- / 1.559	- / -	- / 1.559	- / 1.600	- / 1.700	- / 0.475	- / 0.475	Continuing	Continuing	
Fielding Support	- / -	- / -	- / -	- / 1.750	- / -	- / 1.750	- / 1.350	- / 0.760	- / 0.450	- / 0.450	Continuing	Continuing	
Integration Support	- / -	- / -	- / -	- / 1.480	- / -	- / 1.480	- / 0.242	- / 0.476	- / 0.485	- / 0.881	Continuing	Continuing	
<i>Subtotal: Support</i>	- / -	- / -	- / -	- / 4.789	- / -	- / 4.789	- / 3.192	- / 2.936	- / 1.410	- / 1.806	Continuing	Continuing	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	7.739	-	7.739	27.492	22.436	19.810	20.206	Continuing	Continuing	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT	<b>Modification Number / Title:</b> 18 / Degraded Visual Environment Pilotage System

**Modification Item 1 of 1:** Degraded Visual Environment Pilotage System

**Manufacturer Information**

Manufacturer Name: Sierra Nevada Corporation				Manufacturer Location: Sparks, NV			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 6			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates			Apr 2017	Apr 2018	Apr 2019	Apr 2020	Apr 2021
Delivery Dates			Oct 2017	Oct 2018	Oct 2019	Oct 2020	Oct 2021

**Installation Information**

<b>Method of Implementation (Organic):</b> Contractor	<b>Installation Quantity:</b> 141
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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0201UMNISR / UNMANNED ISR
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1105232BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	21.190	11.880	33.070	12.555	6.877	6.980	7.443	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	-	21.190	11.880	33.070	12.555	6.877	6.980	7.443	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>21.190</b>	<b>11.880</b>	<b>33.070</b>	<b>12.555</b>	<b>6.877</b>	<b>6.980</b>	<b>7.443</b>	<b>Continuing</b>	<b>Continuing</b>

*(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:**

NOTE: Beginning in FY 2017, this line item represents the approved consolidation of Small Tactical Unmanned Aerial Vehicle; RQ-11 Unmanned Aerial Vehicle (UAV); and MQ-1 UAV line items.

This P-1 Line Item is part of the Military Intelligence Program. 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, Reconnaissance, and Targeting capabilities for Special Operations Forces (SOF).

This line item procures various expendable unmanned aerial systems (UAS) and related sensor payloads for intelligence, surveillance, and reconnaissance, which allows for remotely controlled system emplacement and data exfiltration. It also funds the acquisition and support of SOF-unique mission kits, mission payloads, weaponization, and modifications of 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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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 Aircraft System			- / -	- / -	- / -	- / 21.190	- / 11.880	- / 33.070
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			- / -	- / -	- / -	- / 21.190	- / 11.880	- / 33.070

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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 Aircraft System			- / 12.555	- / 6.877	- / 6.980	- / 7.443	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			- / 12.555	- / 6.877	- / 6.980	- / 7.443	<b>Continuing</b>	<b>Continuing</b>

\*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. Group 1 Unmanned Aerial System (UAS) (previously justified as Small Unmanned Aerial System). Group 1 UAS are small systems, less than 20 pounds in weight. This program procures SOF-unique mission kits, mission payloads, air vehicle enhancements, and modifications on the RQ-20 Puma and related ground control stations.

FY 2017 PROGRAM JUSTIFICATION: Procures 13 RQ-20 Puma, associated ancillary equipment, and payloads.

FY 2017 OCO PROGRAM JUSTIFICATION: Procures 24 RQ-20 Puma due to combat loss.

2. Group 2 UAS (previously justified as Multi-mission Tactical Unmanned Aerial System). Group 2 UAS are medium systems, between 21 pounds and 55 pounds in weight. This program procures SOF-unique mission kits, mission payloads, air vehicle enhancements, and ground control station modifications. Ancillary equipment will provide base-lined versions of the payload, Skyhook recovery system, Mark IV Launcher and Ground Control station components. SOF Enhancement kits will be further modified to upgrade the system to v2.0 to include power plant and electrical components.

FY 2017 PROGRAM JUSTIFICATION: Procures 50 SOF Enhancement kits for the air vehicle to include data link, and navigation components to baseline the Group 2 configuration at v1.0.

3. Group 4 UAS (previously justified as MQ-1). Group 4 UAS are large systems, greater than 1,340 pounds in weight flying less than Flight Level 180. This program procures various mission kits, payloads, and support.

FY 2017 PROGRAM JUSTIFICATION: Procures SOF-unique mission kits and mission payloads for MQ-1.

4. Special Applications for Contingencies (SAFC). Procures various expendable and related sensor payloads for intelligence, surveillance, and reconnaissance.

FY 2017 PROGRAM JUSTIFICATION: Procures 3 RQ-20 Puma UAS, payloads, and ancillary equipment.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0201UMNISR / UNMANNED ISR **Aggregated Items Title:** Unmanned Aircraft System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Group 1 Unmanned Aerial System (UAS)</b>																				
1 / Puma II Air System			-	-	-	-	-	-	-	-	-	0.384	13	4.986	0.384	24	9.216	0.384	37	14.202
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	1.301	-	-	1.812	-	-	3.113
3 / Payload			-	-	-	-	-	-	-	-	-	-	-	0.617	-	-	0.852	-	-	1.469
<b>Subtotal: Group 1 Unmanned Aerial System (UAS)</b>			-	-	-	-	-	-	-	-	-	-	-	<b>6.904</b>	-	-	<b>11.880</b>	-	-	<b>18.784</b>
<b>Group 2 Unmanned Aerial System (UAS)</b>																				
1 / SOF Enhancement Kits			-	-	-	-	-	-	-	-	-	0.158	50	7.900	-	-	-	0.158	50	7.900
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	2.541	-	-	-	-	-	2.541
<b>Subtotal: Group 2 Unmanned Aerial System (UAS)</b>			-	-	-	-	-	-	-	-	-	-	-	<b>10.441</b>	-	-	-	-	-	<b>10.441</b>
<b>Group 4 Unmanned Aerial System (UAS)</b>																				
MQ-1 SOF Unique Mission Kits and Mission Payloads			-	-	-	-	-	-	-	-	-	-	-	2.471	-	-	-	-	-	2.471
<b>Subtotal: Group 4 Unmanned Aerial System (UAS)</b>			-	-	-	-	-	-	-	-	-	-	-	<b>2.471</b>	-	-	-	-	-	<b>2.471</b>
<b>Special Applications For Contingencies (SAFC)</b>																				
1 / Puma II Air Systems			-	-	-	-	-	-	-	-	-	0.384	3	1.152	-	-	-	0.384	3	1.152
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	0.222	-	-	-	-	-	0.222
3 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Special Applications For Contingencies (SAFC)</b>			-	-	-	-	-	-	-	-	-	-	-	<b>1.374</b>	-	-	-	-	-	<b>1.374</b>
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	<b>21.190</b>	-	-	<b>11.880</b>	-	-	<b>33.070</b>
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Group 1 Unmanned Aerial System (UAS)</b>																				
1 / Puma II Air System			0.440	5	2.199	0.489	5	2.447	0.497	5	2.487	0.576	5	2.882	Continuing			Continuing		
2 / Ancillary Equipment			-	-	1.346	-	-	1.421	-	-	1.443	-	-	1.472	Continuing			Continuing		
3 / Payload			-	-	0.625	-	-	0.523	-	-	0.534	-	-	0.545	Continuing			Continuing		
<b>Subtotal: Group 1 Unmanned Aerial System (UAS)</b>			-	-	<b>4.170</b>	-	-	<b>4.391</b>	-	-	<b>4.464</b>	-	-	<b>4.899</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Group 2 Unmanned Aerial System (UAS)</b>																				

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command													<b>Date:</b> February 2016					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1						<b>P-1 Line Item Number / Title:</b> 0201UMNISR / UNMANNED ISR						<b>Aggregated Items Title:</b> Unmanned Aircraft System						

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / SOF Enhancement Kits			0.161	9	1.448	0.162	2	0.324	0.162	2	0.324	0.162	2	0.324	Continuing			Continuing		
2 / Ancillary Equipment			-	-	5.476	-	-	0.626	-	-	0.626	-	-	0.626	Continuing			Continuing		
<b>Subtotal: Group 2 Unmanned Aerial System (UAS)</b>			-	-	<b>6.924</b>	-	-	<b>0.950</b>	-	-	<b>0.950</b>	-	-	<b>0.950</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Group 4 Unmanned Aerial System (UAS)</b>																				
MQ-1 SOF Unique Mission Kits and Mission Payloads			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.471
<b>Subtotal: Group 4 Unmanned Aerial System (UAS)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>2.471</b>
<b>Special Applications For Contingencies (SAFC)</b>																				
1 / Puma II Air Systems			0.440	3	1.320	0.489	3	1.467	0.497	3	1.491	0.576	2	1.152	Continuing			Continuing		
2 / Ancillary Equipment			-	-	0.070	-	-	0.069	-	-	0.075	-	-	0.311	Continuing			Continuing		
3 / Initial Spares			-	-	0.071	-	-	-	-	-	-	-	-	0.131	Continuing			Continuing		
<b>Subtotal: Special Applications For Contingencies (SAFC)</b>			-	-	<b>1.461</b>	-	-	<b>1.536</b>	-	-	<b>1.566</b>	-	-	<b>1.594</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Total</b>			-	-	<b>12.555</b>	-	-	<b>6.877</b>	-	-	<b>6.980</b>	-	-	<b>7.443</b>	<b>Continuing</b>			<b>Continuing</b>		

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

**Remarks:**

NOTE: Ancillary Equipment payload cost and quantities vary based upon mission profiles and operational requirements.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0205MH60SL / MH-60 MODERNIZATION PROGRAM
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160482BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	886.792	19.821	-	-	-	-	-	-	-	-	-	906.613
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	886.792	19.821	-	-	-	-	-	-	-	-	-	906.613
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>886.792</b>	<b>19.821</b>	-	-	-	-	-	-	-	-	-	<b>906.613</b>

*(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	-	-	-	-	-	-	-	-	-	-	32.910
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
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 world-wide contingency operations and low-intensity conflicts. ARSOA utilizes 72 highly specialized MH-60 aircraft capable of world-wide 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. The aircraft are used to infiltrate, provide logistics for, reinforce, provide close air support, and extract SOF. This P-1 line item provides for the SOF-peculiar engineering, kits, and modifications to upgrade the SOF MH-60M and maintain operational relevance through pre-planned block upgrades. The MH-60M program provides ARSOA with a single model aircraft prepared to support the SOF ground force commander into the foreseeable future. This program received Overseas Contingency Operations funding in FY 2015.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0205MH60SL / MH-60 MODERNIZATION PROGRAM
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160482BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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-60 Modernization Program			- / 886.792	- / 19.821	- / -	- / -	- / -	- / -
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 886.792</b>	<b>- / 19.821</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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-60 Modernization Program			- / -	- / -	- / -	- / -	- / -	- / 906.613
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 906.613</b>

\*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.



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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0205MH60SL / MH-60 MODERNIZATION PROGRAM **Aggregated Items Title:** MH-60 Modernization Program

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>MH-60 Modifications</b>																				
1 / MH-60 Modifications			-	-	853.882	-	-	3.021	-	-	-	-	-	-	-	-	-	-	-	-
2 / MH-60 Replacement Modifications - Overseas Contingency Operations (OCO)			-	-	-	-	-	16.800	-	-	-	-	-	-	-	-	-	-	-	-
3 / Initial Spares			-	-	32.910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: MH-60 Modifications</b>			-	-	<b>886.792</b>	-	-	<b>19.821</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>886.792</b>	-	-	<b>19.821</b>	-	-	-	-	-	-	-	-	-	-	-	-

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>MH-60 Modifications</b>																				
1 / MH-60 Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	856.903
2 / MH-60 Replacement Modifications - Overseas Contingency Operations (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.800
3 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.910
<b>Subtotal: MH-60 Modifications</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>906.613</b>
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>906.613</b>

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0207NSAV / NON-STANDARD AVIATION
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	720.606	30.200	48.318	4.905	-	4.905	4.892	4.894	4.993	5.094	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	720.606	30.200	48.318	4.905	-	4.905	4.892	4.894	4.993	5.094	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>720.606</b>	<b>30.200</b>	<b>48.318</b>	<b>4.905</b>	<b>-</b>	<b>4.905</b>	<b>4.892</b>	<b>4.894</b>	<b>4.993</b>	<b>5.094</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	95.094	1.645	1.044	-	-	-	-	-	-	-	-	97.783
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Non-Standard Aviation (NSAV) line provides funding to purchase, modify and equip Special Operations Forces (SOF) NSAV and Aviation Foreign Internal Defense (AvFID) aircraft to provide the required capabilities outlined below. This line also funds low cost modifications of NSAV assets to support world-wide SOF mobility and priority Partner Nation (PN) training.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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

**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 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 720.606	- / 30.200	- / 48.318	- / 4.905	- / -	- / 4.905
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 720.606</b>	<b>- / 30.200</b>	<b>- / 48.318</b>	<b>- / 4.905</b>	<b>- / -</b>	<b>- / 4.905</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 4.892	- / 4.894	- / 4.993	- / 5.094	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 4.892</b>	<b>- / 4.894</b>	<b>- / 4.993</b>	<b>- / 5.094</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 (STOL), 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 2017 PROGRAM JUSTIFICATION: Funds low cost modifications.

2. Aviation Foreign Internal Defense (AvFID). Conduct training of fixed wing aircraft with priority PNs 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 PNs in the areas of day and night operations in low-level navigation, airdrop, air land resupply, leaflet drop, MEDVAC, personnel recovery, visual meteorological condition formation, aerial intelligence, surveillance, & reconnaissance, airborne command and control, convoy escort, close air support, strike, border patrol, counternarcotics, and humanitarian relief.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
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					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Non-Standard Aviation (NSAV) Aircraft</b>																				
1 / Medium, C-146A			20.156	17	342.648	14.679	1	14.679	16.478	2	32.956	-	-	-	-	-	-	-	-	
2 / Initial Spares			-	-	95.094	-	-	1.645	-	-	1.044	-	-	-	-	-	-	-	-	
<b>Subtotal: Non-Standard Aviation (NSAV) Aircraft</b>			-	-	<b>437.742</b>	-	-	<b>16.324</b>	-	-	<b>34.000</b>	-	-	-	-	-	-	-	-	
<b>NSAV Modifications</b>																				
NSAV Low Cost Mods			-	-	7.580	-	-	3.376	-	-	3.818	-	-	4.905	-	-	-	-	-	4.905
<b>Subtotal: NSAV Modifications</b>			-	-	<b>7.580</b>	-	-	<b>3.376</b>	-	-	<b>3.818</b>	-	-	<b>4.905</b>	-	-	-	-	-	<b>4.905</b>
<b>AVFID - Modifications</b>																				
1 / AvFID Modifications			-	-	14.286	1.167	9	10.500	-	-	-	-	-	-	-	-	-	-	-	
2 / Low Cost Modifications			-	-	0.685	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: AVFID - Modifications</b>			-	-	<b>14.971</b>	-	-	<b>10.500</b>	-	-	-	-	-	-	-	-	-	-	-	
<b>NSAV Simulator</b>																				
1 / C-146A Simulator			-	-	-	-	-	-	10.500	1	10.500	-	-	-	-	-	-	-	-	
<b>Subtotal: NSAV Simulator</b>			-	-	-	-	-	-	-	-	<b>10.500</b>	-	-	-	-	-	-	-	-	
<b>Prior Year Efforts</b>																				
1 / Prior Year Efforts			-	-	260.313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: Prior Year Efforts</b>			-	-	<b>260.313</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>720.606</b>	-	-	<b>30.200</b>	-	-	<b>48.318</b>	-	-	<b>4.905</b>	-	-	-	-	<b>4.905</b>	
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Non-Standard Aviation (NSAV) Aircraft</b>																				
1 / Medium, C-146A			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.514	20	390.283
2 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97.783
<b>Subtotal: Non-Standard Aviation (NSAV) Aircraft</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>488.066</b>
<b>NSAV Modifications</b>																				
NSAV Low Cost Mods			-	-	4.892	-	-	4.894	-	-	4.993	-	-	5.094	Continuing			Continuing		
<b>Subtotal: NSAV Modifications</b>			-	-	<b>4.892</b>	-	-	<b>4.894</b>	-	-	<b>4.993</b>	-	-	<b>5.094</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>AVFID - Modifications</b>																				
1 / AvFID Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.786
2 / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.685
<b>Subtotal: AVFID - Modifications</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>25.471</b>

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>NSAV Simulator</b>																				
1 / C-146A Simulator			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.500	1	10.500
<b>Subtotal: NSAV Simulator</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>10.500</b>
<b>Prior Year Efforts</b>																				
1 / Prior Year Efforts			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	260.313
<b>Subtotal: Prior Year Efforts</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>260.313</b>
<b>Total</b>			-	-	<b>4.892</b>	-	-	<b>4.894</b>	-	-	<b>4.993</b>	-	-	<b>5.094</b>	<b>Continuing</b>			<b>Continuing</b>		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	64.037	-	60.600	3.970	38.283	42.253	3.969	1.984	1.984	4.961	-	179.788
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	64.037	-	60.600	3.970	38.283	42.253	3.969	1.984	1.984	4.961	-	179.788
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>64.037</b>	<b>-</b>	<b>60.600</b>	<b>3.970</b>	<b>38.283</b>	<b>42.253</b>	<b>3.969</b>	<b>1.984</b>	<b>1.984</b>	<b>4.961</b>	<b>-</b>	<b>179.788</b>

*(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. The mission of the U-28 is to provide a manned fixed wing capability for improved tactical airborne Intelligence, Surveillance, Reconnaissance, and Targeting in support of Theater Special Operations Forces. This line funds SOF-peculiar modifications to U-28 aircraft as well as procurement and modification of training and support equipment to meet evolving mission requirements. This program received a congressional transfer in FY 2016. There is no associated RDT&E.

The FY 2017 Overseas Contingency Operations (OCO) funding completes the procurement and fleet installation of two separate efforts initiated in FY 2015. The first completes the procurement and installation of enhanced Multi-Spectral Targeting System Sensors on three aircraft. The second completes the installation of an Advanced Threat Warning (ATW) System in response to Joint Operational Urgent Need (JUON) SO-0010.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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

**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:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 64.037	- / -	- / 60.600	- / 3.970	- / -	- / 3.970
P-3a	1 / Multi-Spectral Targeting System Sensor (Added Capability)			- / -	- / -	- / -	- / -	- / 8.400	- / 8.400
P-3a	2 / Advanced Threat Warning (ATW) System Upgrades (Added Capability)			- / -	- / -	- / -	- / -	- / 29.883	- / 29.883
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 64.037</b>	<b>- / -</b>	<b>- / 60.600</b>	<b>- / 3.970</b>	<b>- / 38.283</b>	<b>- / 42.253</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 3.969	- / 1.984	- / 1.984	- / 4.961	- / -	- / 141.505
P-3a	1 / Multi-Spectral Targeting System Sensor (Added Capability)			- / -	- / -	- / -	- / -	- / -	- / 8.400
P-3a	2 / Advanced Threat Warning (ATW) System Upgrades (Added Capability)			- / -	- / -	- / -	- / -	- / -	- / 29.883
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 3.969</b>	<b>- / 1.984</b>	<b>- / 1.984</b>	<b>- / 4.961</b>	<b>- / -</b>	<b>- / 179.788</b>

\*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 2017 PROGRAM JUSTIFICATION: Procures and installs modifications to mission equipment and the associated mission training device.  
  
 FY 2017 OCO PROGRAM JUSTIFICATION: Procures and installs three enhanced Multi-Spectral Targeting System (MTS-B) Sensors, three spares, and non-recurring engineering. Procures and installs 20 ATW systems and procures seven spares.



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28					<b>Item Number / Title [DODIC]:</b> - / AVIATION		

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

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	64.037	-	60.600	3.970	-	3.970	3.969	1.984	1.984	4.961	-	141.505
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	64.037	-	60.600	3.970	-	3.970	3.969	1.984	1.984	4.961	-	141.505
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>64.037</b>	-	<b>60.600</b>	<b>3.970</b>	-	<b>3.970</b>	<b>3.969</b>	<b>1.984</b>	<b>1.984</b>	<b>4.961</b>	-	<b>141.505</b>

*(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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 - Air Vehicle Cost																		
Recurring Cost																		
Airframe Modifications and Mission Equipment	-	-	33.169	-	-	-	-	-	54.600	-	-	-	-	-	-	-	-	-
Low Cost Modifications	-	-	-	-	-	-	-	-	6.000	-	-	3.970	-	-	-	-	-	3.970
Prior Year OCO	-	-	30.868	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>64.037</i>	-	-	-	-	-	<i>60.600</i>	-	-	<i>3.970</i>	-	-	-	-	-	<i>3.970</i>
<i>Subtotal: Flyaway - Air Vehicle Cost</i>	-	-	<i>64.037</i>	-	-	-	-	-	<i>60.600</i>	-	-	<i>3.970</i>	-	-	-	-	-	<i>3.970</i>
<b>Gross/Weapon System Cost</b>	-	-	<b>64.037</b>	-	-	-	-	-	<b>60.600</b>	-	-	<b>3.970</b>	-	-	-	-	-	<b>3.970</b>

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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 - Air Vehicle Cost																		
Recurring Cost																		
Airframe Modifications and Mission Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87.769
Low Cost Modifications	-	-	3.969	-	-	1.984	-	-	1.984	-	-	4.961	-	-	-	-	-	22.868

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28	<b>Item Number / Title [DODIC]:</b> - / AVIATION
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
Prior Year OCO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.868
<i>Subtotal: Recurring Cost</i>	-	-	3.969	-	-	1.984	-	-	1.984	-	-	4.961	-	-	-	-	-	141.505
<i>Subtotal: Flyaway - Air Vehicle Cost</i>	-	-	3.969	-	-	1.984	-	-	1.984	-	-	4.961	-	-	-	-	-	141.505
<b>Gross/Weapon System Cost</b>	-	-	3.969	-	-	1.984	-	-	1.984	-	-	4.961	-	-	-	-	-	141.505

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28						<b>Modification Number / Title:</b> 1 / Multi-Spectral Targeting System Sensor		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	-	8.400	8.400	-	-	-	-	-	8.400
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	-	-	8.400	8.400	-	-	-	-	-	8.400
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	-	<b>8.400</b>	<b>8.400</b>	-	-	-	-	-	<b>8.400</b>
<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> )	-	-	-	-	4.200	4.200	-	-	-	-	-	4.200
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Completes the procurement and installation of three enhanced Multi-Spectral Targeting System Sensors and associated spares.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28	<b>Modification Number / Title:</b> 1 / Multi-Spectral Targeting System Sensor

<b>Models of Systems Affected:</b> U-28	<b>Modification Type:</b> Added Capability	<b>Related RDT&amp;E PEs:</b>
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Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> Multi-Spectral Targeting System Sensor												
B Kits												
Recurring												
Multi-Spectral Targeting System Sensor	- / -	- / -	- / -	- / -	3 / 4.200	3 / 4.200	- / -	- / -	- / -	- / -	- / -	3 / 4.200
Initial Spares	- / -	- / -	- / -	- / -	3 / 4.200	3 / 4.200	- / -	- / -	- / -	- / -	- / -	3 / 4.200
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	6 / 8.400	6 / 8.400	- / -	- / -	- / -	- / -	- / -	6 / 8.400
<i>Subtotal: Multi-Spectral Targeting System Sensor</i>	- / -	- / -	- / -	- / -	6 / 8.400	6 / 8.400	- / -	- / -	- / -	- / -	- / -	6 / 8.400
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / -	6 / 8.400	6 / 8.400	- / -	- / -	- / -	- / -	- / -	6 / 8.400
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	-	8.400	8.400	-	-	-	-	-	8.400

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28	<b>Modification Number / Title:</b> 1 / Multi-Spectral Targeting System Sensor

**Modification Item 1 of 1:** Multi-Spectral Targeting System Sensor

**Manufacturer Information**

Manufacturer Name: Raytheon				Manufacturer Location: McKinney, TX			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 10			
<b>Dates</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Contract Dates			Mar 2017				
Delivery Dates			Jan 2018				

**Installation Information**

<b>Method of Implementation (Organic):</b> Field Implementation	<b>Installation Quantity:</b> 3
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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28						<b>Modification Number / Title:</b> 2 / Advanced Threat Warning (ATW) System Upgrades		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	-	29.883	29.883	-	-	-	-	-	29.883
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	-	-	29.883	29.883	-	-	-	-	-	29.883
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	-	-	<b>29.883</b>	<b>29.883</b>	-	-	-	-	-	<b>29.883</b>
<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>	-	-	-	-	6.825	6.825	-	-	-	-	-	6.825
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Completes the procurement and installation of Advanced Threat Warning (ATW) System upgrades in response to Joint Operational Urgent Need (JUON) SO-0010. Procures and installs 20 ATW systems and associated spares.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28	<b>Modification Number / Title:</b> 2 / Advanced Threat Warning (ATW) System Upgrades

<b>Models of Systems Affected:</b> U-28	<b>Modification Type:</b> Added Capability	<b>Related RDT&amp;E PEs:</b>
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Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)

**Procurement**

<i>Modification Item 1 of 1:</i> Advanced Threat Warning (ATW) System Upgrades												
B Kits												
Recurring												
Missile Warning System (MWS) Upgrades	- / -	- / -	- / -	- / -	20 / 22.508	20 / 22.508	- / -	- / -	- / -	- / -	- / -	20 / 22.508
Initial Spares	- / -	- / -	- / -	- / -	7 / 6.825	7 / 6.825	- / -	- / -	- / -	- / -	- / -	7 / 6.825
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	27 / 29.333	27 / 29.333	- / -	- / -	- / -	- / -	- / -	27 / 29.333
Non-Recurring												
Non-Recurring Engineering	- / -	- / -	- / -	- / -	- / 10.550	- / 10.550	- / -	- / -	- / -	- / -	- / -	- / 10.550
<i>Subtotal: Non-Recurring</i>	- / -	- / -	- / -	- / -	- / 10.550	- / 10.550	- / -	- / -	- / -	- / -	- / -	- / 10.550
<i>Subtotal: Advanced Threat Warning (ATW) System Upgrades</i>	- / -	- / -	- / -	- / -	27 / 29.883	27 / 29.883	- / -	- / -	- / -	- / -	- / -	27 / 29.883
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / -	27 / 29.883	27 / 29.883	- / -	- / -	- / -	- / -	- / -	27 / 29.883

**Installation**

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

<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	-	29.883	29.883	-	-	-	-	-	29.883
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**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0607U28 / U-28	<b>Modification Number / Title:</b> 2 / Advanced Threat Warning (ATW) System Upgrades

**Modification Item 1 of 1:** Advanced Threat Warning (ATW) System Upgrades

**Manufacturer Information**

Manufacturer Name: Northrop Grumman Corporation	Manufacturer Location: Rolling Meadows, IL
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 12

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates			Mar 2017				
Delivery Dates			Feb 2018				

**Installation Information**

<b>Method of Implementation (Organic):</b> Filed Implementation	<b>Installation Quantity:</b> 20
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**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0610MH47 / MH-47 CHINOOK
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	377.056	22.230	-	25.022	-	25.022	87.345	131.033	174.617	175.266	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	377.056	22.230	-	25.022	-	25.022	87.345	131.033	174.617	175.266	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>377.056</b>	<b>22.230</b>	<b>-</b>	<b>25.022</b>	<b>-</b>	<b>25.022</b>	<b>87.345</b>	<b>131.033</b>	<b>174.617</b>	<b>175.266</b>	<b>Continuing</b>	<b>Continuing</b>

*(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:**

MH-47 Chinook Plus 8: Army Special Operations Aviation (ARSOA) provides organic aviation support to Special Operations Forces (SOF) for world-wide contingency operations and low-intensity conflicts. ARSOA is authorized 69 highly specialized MH-47G Chinook aircraft, capable of world-wide rapid deployment operations and penetration of hostile areas for these missions. Eight additional MH-47G Chinook aircraft will augment the current fleet of 61 to meet the authorized Basis of Issue of 69 and address the SOF Rotary Wing Aviation lift capacity gaps. These aircraft are capable of operating at extended ranges under adverse weather conditions in harsh environments, deep into enemy territory. They are used to infiltrate, provide logistics, or to reinforce and extract SOF forces. The additional MH-47G Chinook aircraft will assist the 160th Special Operations Aviation Regiment Airborne (SOAR(A)) in meeting the continuing, critical, time-sensitive needs of the operational missions; be fielded in the latest MH-47G configuration; and leverage Army-common technologies to provide the most capable aircraft to the 160th SOAR(A). Non-Recurring Engineering incorporates production, engineering changes and applicable sheet metal engineering change proposal into the new build aircraft. MFP-2 costs are funded by the Army to cover long-lead materiel and Government Furnished Equipment such as engines and common parts.

MH-47 RENEW: ARSOA requires a long-term, capable, and reliable SOF heavy assault fleet in order to provide organic world-wide strategic rotary-winged operations capable of rapid deployment and penetration of hostile tactical areas. ARSOA is authorized 69 highly specialized MH-47G Chinook aircraft, which currently includes 61 MH-47G sheet-metal constructed airframes. This program will replace 61 MH-47G legacy sheet metal constructed airframes with newly built machined airframes incorporating emerging technologies to maintain mission effectiveness. These 61 sheet-metal airframes are, on average, 46 years-old with an average of over 8,500 cumulative flight hours each. The continuous engagement in combat operations since fielding, while operating in the high demand SOA flight spectrum, coupled with the aging airframe structural fatigue and corrosion, and diminishing manufacturing sources of supply, continue to increase the maintenance actions and costs required to meet operational availability. MFP-2 funds are provided by Army to cover common production, labor, and long lead material costs. This is a FY 2017 new start.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0610MH47 / MH-47 CHINOOK
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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-47 Chinook Plus 8			- / 377.056	- / 22.230	- / -	- / -	- / -	- / -
P-5	2 / MH-47 RENEW			- / -	- / -	- / -	- / 25.022	- / -	- / 25.022
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 377.056</b>	<b>- / 22.230</b>	<b>- / -</b>	<b>- / 25.022</b>	<b>- / -</b>	<b>- / 25.022</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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-47 Chinook Plus 8			- / -	- / -	- / -	- / -	- / -	- / 399.286
P-5	2 / MH-47 RENEW			- / 87.345	- / 131.033	- / 174.617	- / 175.266	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 87.345</b>	<b>- / 131.033</b>	<b>- / 174.617</b>	<b>- / 175.266</b>	<b>Continuing</b>	<b>Continuing</b>

\*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.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 0610MH47 / MH-47 CHINOOK					<b>Item Number / Title [DODIC]:</b> 1 / MH-47 Chinook Plus 8		

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

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	377.056	22.230	-	-	-	-	-	-	-	-	-	399.286
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	377.056	22.230	-	-	-	-	-	-	-	-	-	399.286
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>377.056</b>	<b>22.230</b>	-	-	-	-	-	-	-	-	-	<b>399.286</b>

*(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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 Production LOT I	24.814	1	24.814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Airframe Production LOT II	18.407	7	128.849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	153.663	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	<b>153.663</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
GFE	-	-	78.179	-	-	0.072	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	78.179	-	-	0.072	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
Long Lead Materials	-	-	24.836	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	24.836	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	<b>103.015</b>	-	-	<b>0.072</b>	-	-	-	-	-	-	-	-	-	-	-	-
Support Cost																		
Block Modification	-	-	5.050	-	-	2.517	-	-	-	-	-	-	-	-	-	-	-	-
Non-Recurring Engineering	-	-	79.634	-	-	13.662	-	-	-	-	-	-	-	-	-	-	-	-
Publications/Tech Data	-	-	15.907	-	-	3.525	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>												<b>Date:</b> February 2016					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / O2 / 1						<b>P-1 Line Item Number / Title:</b> 0610MH47 / MH-47 CHINOOK						<b>Item Number / Title [DODIC]:</b> 1 / MH-47 Chinook Plus 8					

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :										<b>MDAP/MAIS Code:</b>							
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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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
Fielding Costs	-	-	10.810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management	-	-	8.977	-	-	2.454	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>	-	-	<b>120.378</b>	-	-	<b>22.158</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>	-	-	<b>377.056</b>	-	-	<b>22.230</b>	-	-	-	-	-	-	-	-	-	-	-	-

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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 Production LOT I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.814	1	24.814
Airframe Production LOT II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.407	7	128.849
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153.663
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>153.663</b>

Hardware Cost																		
Recurring Cost																		
GFE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78.251
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78.251
Non Recurring Cost																		
Long Lead Materials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.836
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.836
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>103.087</b>

Support Cost																		
Block Modification	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.567
Non-Recurring Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93.296
Publications/Tech Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.432
Fielding Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.810
Program Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.431
<i>Subtotal: Support Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>142.536</b>
<b>Gross/Weapon System Cost</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>399.286</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 0610MH47 / MH-47 CHINOOK					<b>Item Number / Title [DODIC]:</b> 2 / MH-47 RENEW		

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

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	25.022	-	25.022	87.345	131.033	174.617	175.266	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	-	25.022	-	25.022	87.345	131.033	174.617	175.266	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	-	<b>25.022</b>	-	<b>25.022</b>	<b>87.345</b>	<b>131.033</b>	<b>174.617</b>	<b>175.266</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Flyaway Cost</b>																		
Recurring Cost																		
Airframe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Hardware Cost</b>																		
Recurring Cost																		
GFE	-	-	-	-	-	-	-	-	-	-	-	10.773	-	-	-	-	-	10.773
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	10.773	-	-	-	-	-	10.773
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	-	-	-	10.773	-	-	-	-	-	10.773
<b>Support Cost</b>																		
Block Modifications	-	-	-	-	-	-	-	-	-	-	-	0.200	-	-	-	-	-	0.200
Non-Recurring Engineering	-	-	-	-	-	-	-	-	-	-	-	12.899	-	-	-	-	-	12.899
Publication/Tech Data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management	-	-	-	-	-	-	-	-	-	-	-	1.150	-	-	-	-	-	1.150
<i>Subtotal: Support Cost</i>	-	-	-	-	-	-	-	-	-	-	-	14.249	-	-	-	-	-	14.249
<b>Gross/Weapon System Cost</b>	-	-	-	-	-	-	-	-	-	-	-	25.022	-	-	-	-	-	25.022

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 0610MH47 / MH-47 CHINOOK	<b>Item Number / Title [DODIC]:</b> 2 / MH-47 RENEW
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
<b>Flyaway Cost</b>																		
Recurring Cost																		
Airframe	15.000	4	60.000	15.000	6	90.000	15.000	8	120.000	15.000	8	120.000						Continuing
<i>Subtotal: Recurring Cost</i>	-	-	60.000	-	-	90.000	-	-	120.000	-	-	120.000						Continuing
<b>Subtotal: Flyaway Cost</b>	-	-	<b>60.000</b>	-	-	<b>90.000</b>	-	-	<b>120.000</b>	-	-	<b>120.000</b>						Continuing
<b>Hardware Cost</b>																		
Recurring Cost																		
GFE	-	-	20.462	-	-	28.196	-	-	30.925	-	-	30.945						Continuing
<i>Subtotal: Recurring Cost</i>	-	-	20.462	-	-	28.196	-	-	30.925	-	-	30.945						Continuing
<b>Subtotal: Hardware Cost</b>	-	-	<b>20.462</b>	-	-	<b>28.196</b>	-	-	<b>30.925</b>	-	-	<b>30.945</b>						Continuing
<b>Support Cost</b>																		
Block Modifications	-	-	4.300	-	-	6.400	-	-	8.400	-	-	8.400						Continuing
Non-Recurring Engineering	-	-	1.433	-	-	2.500	-	-	7.342	-	-	9.971						Continuing
Publication/Tech Data	-	-	-	-	-	1.987	-	-	6.000	-	-	4.000						Continuing
Program Management	-	-	1.150	-	-	1.950	-	-	1.950	-	-	1.950						Continuing
<i>Subtotal: Support Cost</i>	-	-	<b>6.883</b>	-	-	<b>12.837</b>	-	-	<b>23.692</b>	-	-	<b>24.321</b>						Continuing
<b>Gross/Weapon System Cost</b>	-	-	<b>87.345</b>	-	-	<b>131.033</b>	-	-	<b>174.617</b>	-	-	<b>175.266</b>						<b>Continuing</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0809RQ11 / RQ-11 UNMANNED AERIAL VEHICLE
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1105232BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	5.311	6.397	15.587	-	-	-	-	-	-	-	-	27.295
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	5.311	6.397	15.587	-	-	-	-	-	-	-	-	27.295
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>5.311</b>	<b>6.397</b>	<b>15.587</b>	-	-	-	-	-	-	-	-	<b>27.295</b>

*(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:**

NOTE: Beginning in FY2017 this line item has been consolidated into SOCOM line item Unmanned ISR.

This P-1 Line Item is part of the Military Intelligence Program. This Line Item is comprised of two programs: the Small Unmanned Aerial System (SUAS) and the Multi-mission Tactical Unmanned Aerial System (MTUAS).

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, Reconnaissance, and Targeting capabilities for Special Operations Forces (SOF).

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 0809RQ11 / RQ-11 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: 1105232BB
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Line Item MDAP/MAIS Code: N/A	Item MDAP/MAIS Code(s): N/A
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Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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 Aircraft System			- / 5.311	- / 6.397	- / 15.587	- / -	- / -	- / -
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 5.311</b>	<b>- / 6.397</b>	<b>- / 15.587</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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 Aircraft System			- / -	- / -	- / -	- / -	- / -	- / 27.295
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 27.295</b>

\*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 2017 PROGRAM JUSTIFICATION: None.



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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 1 **P-1 Line Item Number / Title:** 0809RQ11 / RQ-11 UNMANNED AERIAL VEHICLE **Aggregated Items Title:** Unmanned Aircraft System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>SOF-Unique Small Unmanned Aircraft System (SUAS)</b>																				
1 / SUAS			0.141	34	4.792	0.418	11	4.597	0.426	10	4.260	-	-	-	-	-	-	-	-	
2 / Ancillary Equipment			-	-	0.465	-	-	-	-	-	1.288	-	-	-	-	-	-	-	-	
3 / Payload			-	-	0.054	-	-	1.800	-	-	2.380	-	-	-	-	-	-	-	-	
<b>Subtotal: SOF-Unique Small Unmanned Aircraft System (SUAS)</b>			-	-	<b>5.311</b>	-	-	<b>6.397</b>	-	-	<b>7.928</b>	-	-	-	-	-	-	-	-	
<b>Multi-Mission Tactical Unmanned Aircraft System (MTUAS)</b>																				
1 / MTUAS SOF Enhancement Kits			-	-	-	-	-	-	0.077	33	2.542	-	-	-	-	-	-	-	-	
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	5.117	-	-	-	-	-	-	-	-	
<b>Subtotal: Multi-Mission Tactical Unmanned Aircraft System (MTUAS)</b>			-	-	-	-	-	-	-	-	<b>7.659</b>	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>5.311</b>	-	-	<b>6.397</b>	-	-	<b>15.587</b>	-	-	-	-	-	-	-	-	
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>SOF-Unique Small Unmanned Aircraft System (SUAS)</b>																				
1 / SUAS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.248	55	13.649
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.753
3 / Payload			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.234
<b>Subtotal: SOF-Unique Small Unmanned Aircraft System (SUAS)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>19.636</b>
<b>Multi-Mission Tactical Unmanned Aircraft System (MTUAS)</b>																				
1 / MTUAS SOF Enhancement Kits			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.077	33	2.542
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.117
<b>Subtotal: Multi-Mission Tactical Unmanned Aircraft System (MTUAS)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>7.659</b>
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>27.295</b>

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

**Remarks:**

NOTE: Ancillary Equipment payload cost and quantities vary based upon mission profiles and operational requirements.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160421BB, 1160403BB
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<b>Line Item MDAP/MAIS Code:</b> 212	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	50	-	1	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,628.458	21.578	33.582	19.008	-	19.008	34.878	23.124	21.336	21.763	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,628.458	21.578	33.582	19.008	-	19.008	34.878	23.124	21.336	21.763	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,628.458</b>	<b>21.578</b>	<b>33.582</b>	<b>19.008</b>	<b>-</b>	<b>19.008</b>	<b>34.878</b>	<b>23.124</b>	<b>21.336</b>	<b>21.763</b>	<b>Continuing</b>	<b>Continuing</b>

*(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	-	-	-	-	-	-	-	-	-	-	232.226
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 Special Forces teams 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, as well as the Block 0 portion of the CV-22. USSOCOM is responsible for funding the development of the SOF-peculiar portions of the Block 10, 20, and subsequent increments of the CV-22. The Air Force will procure and field 50 CV-22 aircraft, support equipment, and most training systems for USSOCOM. USSOCOM funds the procurement of SOF peculiar systems (e.g., terrain following radar, electronic and infrared warfare suite) modifications to fielded aircraft, and updates to training systems. Major modifications will upgrade the aircraft to full Block 20 capability. Minor and low cost modifications will improve capabilities, upgrade equipment, and address obsolescence issues. Budgeted modification programs include but are not limited to defensive/survivability systems, situational awareness systems, terrain following/terrain avoidance radar, SOF Communications, the flight director, weapons integration, and Intelligence, Surveillance and Reconnaissance systems. The CV-22 Simulator Block Update (SBUD) program sustains legacy CV-22 aircrew training device capabilities by addressing concurrency, obsolescence, and fidelity training issues. This program received a FY 2016 Congressional Add.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** 212 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	AVIATION			- / 34.792	- / 6.750	- / 7.311	- / 8.987	- / -	- / 8.987
P-5	AVIATION	P-5a, P-21		50 / 1,500.001	- / -	1 / 18.000	- / -	- / -	- / -
P-3a	1 / CV-22 Block 20 Upgrades (Added Capability)			- / 93.665	- / 14.828	- / 8.271	- / 10.021	- / -	- / 10.021
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>50 / 1,628.458</b>	<b>- / 21.578</b>	<b>1 / 33.582</b>	<b>- / 19.008</b>	<b>- / -</b>	<b>- / 19.008</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	AVIATION			- / 8.061	- / 8.325	- / 8.510	- / 8.680	Continuing	Continuing
P-5	AVIATION	P-5a, P-21		- / -	- / -	- / -	- / -	- / -	- / 1,518.001
P-3a	1 / CV-22 Block 20 Upgrades (Added Capability)			- / 26.817	- / 14.799	- / 12.826	- / 13.083	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 34.878</b>	<b>- / 23.124</b>	<b>- / 21.336</b>	<b>- / 21.763</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 2017 PROGRAM JUSTIFICATION: Funds SOF-peculiar mission kits, training equipment, support equipment, and initial spares, as well as program office, engineering and logistics support associated with the modification program. Funds modifications to address fielded deficiencies, obsolescence, and reliability and maintainability issues. Continues funding of required retrofits to bring delivered CV-22 aircraft up to the full Block 20 production configuration (Cabin Lighting, Helmet Mounted Displays, IR Search Light, Electronic Warfare upgrades, situational awareness improvements, etc.). Continues funding upgrades to address concurrency, obsolescence and fidelity issues for SOF-unique CV-22 training devices.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Modifications</b>																				
1 / CV-22 Low Cost Modifications			-	-	1.987	-	-	1.000	-	-	1.857	-	-	1.892	-	-	-	-	-	1.892
2 / Enhanced Situational Awareness Mission Kits			-	-	28.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Modifications</b>			-	-	<b>29.992</b>	-	-	<b>1.000</b>	-	-	<b>1.857</b>	-	-	<b>1.892</b>	-	-	-	-	-	<b>1.892</b>
<b>Mission Training and Preparation Systems</b>																				
1 / CV-22 Simulator Block Upgrades			-	-	4.800	-	-	5.750	-	-	5.454	-	-	7.095	-	-	-	-	-	7.095
<b>Subtotal: Mission Training and Preparation Systems</b>			-	-	<b>4.800</b>	-	-	<b>5.750</b>	-	-	<b>5.454</b>	-	-	<b>7.095</b>	-	-	-	-	-	<b>7.095</b>
<b>Total</b>			-	-	<b>34.792</b>	-	-	<b>6.750</b>	-	-	<b>7.311</b>	-	-	<b>8.987</b>	-	-	-	-	-	<b>8.987</b>
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Modifications</b>																				
1 / CV-22 Low Cost Modifications			-	-	1.926	-	-	1.967	-	-	2.007	-	-	2.047	Continuing			Continuing		
2 / Enhanced Situational Awareness Mission Kits			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.005
<b>Subtotal: Modifications</b>			-	-	<b>1.926</b>	-	-	<b>1.967</b>	-	-	<b>2.007</b>	-	-	<b>2.047</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Mission Training and Preparation Systems</b>																				
1 / CV-22 Simulator Block Upgrades			-	-	6.135	-	-	6.358	-	-	6.503	-	-	6.633	Continuing			Continuing		
<b>Subtotal: Mission Training and Preparation Systems</b>			-	-	<b>6.135</b>	-	-	<b>6.358</b>	-	-	<b>6.503</b>	-	-	<b>6.633</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Total</b>			-	-	<b>8.061</b>	-	-	<b>8.325</b>	-	-	<b>8.510</b>	-	-	<b>8.680</b>	<b>Continuing</b>			<b>Continuing</b>		

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

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<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION					<b>Item Number / Title [DODIC]:</b> - / AVIATION		

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

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity (Units in Each)	50	-	1	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,500.001	-	18.000	-	-	-	-	-	-	-	-	1,518.001
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,500.001	-	18.000	-	-	-	-	-	-	-	-	1,518.001
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,500.001</b>	<b>-</b>	<b>18.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,518.001</b>

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

Initial Spares (\$ in Millions)	232.226	-	-	-	-	-	-	-	-	-	-	232.226
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 / CFE <sup>(†)</sup>	16.793	42	705.292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GFE Electronics	-	-	79.871	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Airframe/CFE Overseas Contingency Operations (OCO) <sup>(†)</sup>	15.993	8	127.943	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Airframe/CFE Congressional Add <sup>(†)</sup>	-	-	-	-	-	-	18.000	1	18.000	-	-	-	-	-	-	-	-	-
GFE Electronics OCO	-	-	2.969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Recurring Cost</b>	<b>-</b>	<b>-</b>	<b>916.075</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Non Recurring Cost																		
Initial Spares	-	-	232.226	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Non Recurring Cost</b>	<b>-</b>	<b>-</b>	<b>232.226</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Subtotal: Flyaway Cost</b>	<b>-</b>	<b>-</b>	<b>1,148.301</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Support Cost																		
Other ILS / Program Management	-	-	206.878	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interim Contractor Support	-	-	79.515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OCO	-	-	10.255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>													<b>Date:</b> February 2016					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1						<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION						<b>Item Number / Title [DODIC]:</b> - / AVIATION						

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :										<b>MDAP/MAIS Code:</b>							
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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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 Training Equipment	-	-	55.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>	-	-	<b>351.700</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>	-	50	1,500.001	-	-	-	-	1	18.000	-	-	-	-	-	-	-	-	-

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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 / CFE <sup>(†)</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.793	42	705.292
GFE Electronics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79.871
Airframe/CFE Overseas Contingency Operations (OCO) <sup>(†)</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.993	8	127.943
Airframe/CFE Congressional Add <sup>(†)</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.000	1	18.000
GFE Electronics OCO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.969
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>934.075</b>
Non Recurring Cost																		
Initial Spares	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	232.226
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	232.226
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,166.301</b>

Support Cost																		
Other ILS / Program Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	206.878
Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79.515
OCO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.255
Peculiar Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.052
<i>Subtotal: Support Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>351.700</b>
<b>Gross/Weapon System Cost</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,518.001</b>

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<b>Exhibit P-5, Cost Analysis:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Item Number / Title [DODIC]:</b> - / AVIATION
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :		<b>MDAP/MAIS Code:</b>
<sup>(†)</sup> indicates the presence of a P-5a		



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**Exhibit P-5a, Procurement History and Planning:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Item Number / Title [DODIC]:</b> - / 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 <sup>(†)</sup>		2014 <sup>(1)</sup>	Bell Boeing / Amarillo, TX	SS / FPIF	Patuxent River, MD	Dec 2013	May 2016	3	18.912	Y		
Airframe/CFE Overseas Contingency Operations (OCO) <sup>(†)</sup>	✓	2014	Bell Boeing / Amarillo, TX	SS / FPIF	Patuxent River, MD	Feb 2014	Dec 2016	1	17.672	Y		
Airframe/CFE Congressional Add <sup>(†)</sup>		2016	Bell Boeing / Amarillo, TX	SS / FPIF	Patuxent River, MD	Feb 2016	Dec 2018	1	18.000	Y		

<sup>(†)</sup> indicates the presence of a P-21

**Footnotes:**

<sup>(1)</sup> FY 2014 Lot 18 Base Aircraft Buy

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**Exhibit P-21, Production Schedule:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 1 **P-1 Line Item Number / Title:** 1000CV2200 / CV-22 MODIFICATION **Item Number / Title [DODIC]:** - / AVIATION

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2014												Fiscal Year 2015												BALANCE		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 O C T 2 0 1 3	BAL D U E A S O F 1 O C T	Calendar Year 2014												Calendar Year 2015												
							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 / CFE																															
Prior Years Deliveries: 39																															
	1	2014	SOCOM	3	-	3			A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Airframe/CFE Overseas Contingency Operations (OCO)																															
Prior Years Deliveries: 7																															
✓	2	2014	SOCOM	1	-	1				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Airframe/CFE Congressional Add																															
	3	2016	SOCOM	1	-	1																							1		

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**Exhibit P-21, Production Schedule:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Item Number / Title [DODIC]:</b> - / AVIATION
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Cost Elements <i>(Units in Each)</i>				Fiscal Year 2016														Fiscal Year 2017														BALANCE				
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 O C T 2 0 1 5	BAL D U E A S O F 1 O C T	Calendar Year 2016														Calendar Year 2017															
							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 / CFE																																				
Prior Years Deliveries: 39																																				
	1	2014	SOCOM	3	-	3	-	-	-	-	-	-	-	-	1	-	-	1	-	1																-
Airframe/CFE Overseas Contingency Operations (OCO)																																				
Prior Years Deliveries: 7																																				
✓	2	2014	SOCOM	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Airframe/CFE Congressional Add																																				
	3	2016	SOCOM	1	-	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 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 1 **P-1 Line Item Number / Title:** 1000CV2200 / CV-22 MODIFICATION **Item Number / Title [DODIC]:** - / AVIATION

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2018												Fiscal Year 2019												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018												Calendar Year 2019												
							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 / CFE																															
Prior Years Deliveries: 39																															
	1	2014	SOCOM	3	3	-																							-		
Airframe/CFE Overseas Contingency Operations (OCO)																															
Prior Years Deliveries: 7																															
✓	2	2014	SOCOM	1	1	-																							-		
Airframe/CFE Congressional Add																															
	3	2016	SOCOM	1	-	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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Item Number / Title [DODIC]:</b> - / AVIATION
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)								
		MSR For 2017	1-8-5 For 2017	MAX For 2017	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	Bell Boeing - Amarillo, TX	16	25	44	19	2	24	26	-	2	24	26	
2	Bell Boeing - Amarillo, TX	16	25	44	19	3	24	27	-	3	24	27	
3	Bell Boeing - Amarillo, TX	16	25	44	19	2	24	26	-	2	24	26	

- Remarks:**
- Production rates (minimum sustaining rate, economic, and maximum) include production of both USMC MV-22s and USAF CV-22s. The maximum production rate would require two shifts.
  - The aircraft procured in FY2014 will deliver in Dec 2016 and complete the production of CV-22 aircraft to a final fleet size of 50.

"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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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION						<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	93.665	14.828	8.271	10.021	-	10.021	26.817	14.799	12.826	13.083	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	93.665	14.828	8.271	10.021	-	10.021	26.817	14.799	12.826	13.083	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>93.665</b>	<b>14.828</b>	<b>8.271</b>	<b>10.021</b>	<b>-</b>	<b>10.021</b>	<b>26.817</b>	<b>14.799</b>	<b>12.826</b>	<b>13.083</b>	<b>Continuing</b>	<b>Continuing</b>
<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:**

This modification 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, 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 (4) modify aircraft to common configuration. Block 20 modifications include, but are not limited to the following systems: Cabin Lighting, Color Helmet Mounted Displays, Terrain Following / Terrain Avoidance Radar Replacement, Airborne Mission Networking & Enhanced Situational Awareness, and Electronic Warfare upgrades. The USAF MFP-4 and USSOCOM MFP-11 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).

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION					<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades			
<b>Models of Systems Affected:</b> CV-22				<b>Modification Type:</b> Added Capability				<b>Related RDT&amp;E PEs:</b> 1160403BB					
Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)	
<b>Procurement</b>													
<b>Modification Item 1 of 9:</b> Suite of Integrated Radio Frequency Countermeasures (SIRFC) Radome and LRU-2B improvements													
A Kits													
Recurring													
SIRFC Radome and LRU-2B improvements	35 / 22.183	4 / 4.759	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 26.942	
<b>Subtotal: Recurring</b>	<b>35 / 22.183</b>	<b>4 / 4.759</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>39 / 26.942</b>	
<b>Subtotal: Suite of Integrated Radio Frequency Countermeasures (SIRFC) Radome and LRU-2B improvements</b>	<b>- / 22.183</b>	<b>- / 4.759</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 26.942</b>	
<b>Modification Item 2 of 9:</b> SIRFC Antenna and RF Switch improvements													
A Kits													
Recurring													
SIRFC Antenna and RF Switch improvements	20 / 2.179	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.179	
<b>Subtotal: Recurring</b>	<b>20 / 2.179</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>20 / 2.179</b>	
<b>Subtotal: SIRFC Antenna and RF Switch improvements</b>	<b>- / 2.179</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 2.179</b>	
<b>Modification Item 3 of 9:</b> AFT Cabin Lighting													
A Kits													
Recurring													
Aft Cabin Lighting	38 / 0.737	- / -	4 / 0.098	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 0.835	
<b>Subtotal: Recurring</b>	<b>38 / 0.737</b>	<b>- / -</b>	<b>4 / 0.098</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>42 / 0.835</b>	
<b>Subtotal: AFT Cabin Lighting</b>	<b>38 / 0.737</b>	<b>- / -</b>	<b>4 / 0.098</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>42 / 0.835</b>	
<b>Modification Item 4 of 9:</b> Color Helmet Mounted Display													
A Kits													
Recurring													
Color Helmet Mounted Display	16 / 5.038	8 / 2.616	- / -	8 / 2.664	- / -	8 / 2.664	8 / 2.733	- / -	- / -	- / -	- / -	40 / 13.051	
<b>Subtotal: Recurring</b>	<b>16 / 5.038</b>	<b>8 / 2.616</b>	<b>- / -</b>	<b>8 / 2.664</b>	<b>- / -</b>	<b>8 / 2.664</b>	<b>8 / 2.733</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>40 / 13.051</b>	
<b>Subtotal: Color Helmet Mounted Display</b>	<b>16 / 5.038</b>	<b>8 / 2.616</b>	<b>- / -</b>	<b>8 / 2.664</b>	<b>- / -</b>	<b>8 / 2.664</b>	<b>8 / 2.733</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>40 / 13.051</b>	
<b>Modification Item 5 of 9:</b> TF/TA Radar Replacement													
A Kits													
Recurring													

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Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command										Date: February 2016		
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 1				P-1 Line Item Number / Title: 1000CV2200 / CV-22 MODIFICATION						Modification Number / Title: 1 / CV-22 Block 20 Upgrades		
Models of Systems Affected: CV-22				Modification Type: Added Capability				Related RDT&E PEs: 1160403BB				
Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
Silent Knight Radar	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.128	1 / 4.160	Continuing	Continuing
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.128	1 / 4.160	Continuing	Continuing
<i>Subtotal: TF/TA Radar Replacement</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.128	1 / 4.160	Continuing	Continuing
<b>Modification Item 6 of 9: Cottonmouth Antenna</b>												
A Kits												
Recurring												
Cottonmouth Antenna	- / -	- / -	- / -	50 / 0.500	- / -	50 / 0.500	- / -	- / -	- / -	- / -	- / -	50 / 0.500
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	50 / 0.500	- / -	50 / 0.500	- / -	- / -	- / -	- / -	- / -	50 / 0.500
<i>Subtotal: Cottonmouth Antenna</i>	- / -	- / -	- / -	50 / 0.500	- / -	50 / 0.500	- / -	- / -	- / -	- / -	- / -	50 / 0.500
<b>Modification Item 7 of 9: SIRFC Correction of Deficiencies</b>												
A Kits												
Recurring												
SIRFC Correction of Deficiencies	- / -	- / -	- / -	10 / 3.609	- / -	10 / 3.609	64 / 21.231	18 / 6.439	6 / 1.952	- / -	- / -	98 / 33.231
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	10 / 3.609	- / -	10 / 3.609	64 / 21.231	18 / 6.439	6 / 1.952	- / -	- / -	98 / 33.231
<i>Subtotal: SIRFC Correction of Deficiencies</i>	- / -	- / -	- / -	10 / 3.609	- / -	10 / 3.609	64 / 21.231	18 / 6.439	6 / 1.952	- / -	- / -	98 / 33.231
<b>Modification Item 8 of 9: Airborne Mission Networking</b>												
A Kits												
Recurring												
Airborne Mission Networking	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 5.440	12 / 2.052	10 / 4.437	Continuing	Continuing
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 5.440	12 / 2.052	10 / 4.437	Continuing	Continuing
<i>Subtotal: Airborne Mission Networking</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 5.440	12 / 2.052	10 / 4.437	Continuing	Continuing
<b>Modification Item 9 of 9: Completed Modifications</b>												
A Kits												
Recurring												
Completed Modifications	174 / 35.713	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	174 / 35.713
<i>Subtotal: Recurring</i>	174 / 35.713	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	174 / 35.713
<i>Subtotal: Completed Modifications</i>	174 / 35.713	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	174 / 35.713
<i>Subtotal: Procurement, All Modification Items</i>	- / 65.850	- / 7.375	- / 0.098	- / 6.773	- / -	- / 6.773	- / 23.964	- / 11.879	- / 8.132	- / 8.597	Continuing	Continuing
<b>Support (All Modification Items)</b>												
ECP Nonrecurring Engineering	- / 12.562	- / 6.211	- / 5.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.033
Data	- / -	- / 0.006	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.006
Training Equipment	- / 6.322	- / 1.119	- / 0.602	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200	- / -	- / 19.243



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION						<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades		
<b>Models of Systems Affected:</b> CV-22				<b>Modification Type:</b> Added Capability				<b>Related RDT&amp;E PEs:</b> 1160403BB				
Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
Support Equipment	- / 3.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.410
Technical Support	- / 0.236	- / 0.100	- / 1.800	- / 1.638	- / -	- / 1.638	- / 1.873	- / 1.910	- / 2.374	- / 1.987	Continuing	Continuing
Flight Test	- / -	- / -	- / -	- / 0.198	- / -	- / 0.198	- / 0.500	- / 0.510	- / 0.520	- / 0.531	Continuing	Continuing
<i>Subtotal: Support</i>	<i>- / 22.530</i>	<i>- / 7.436</i>	<i>- / 7.662</i>	<i>- / 1.836</i>	<i>- / -</i>	<i>- / 1.836</i>	<i>- / 2.373</i>	<i>- / 2.420</i>	<i>- / 2.894</i>	<i>- / 3.718</i>	<i>Continuing</i>	<i>Continuing</i>
<b>Installation</b>												
<b>Modification Item 1 of 9:</b> Suite of Integrated Radio Frequency Countermeasures (SIRFC) Radome and LRU-2B improvements	23 / 1.955	- / -	6 / 0.511	10 / 0.850	- / -	10 / 0.850	- / -	- / -	- / -	- / -	- / -	39 / 3.316
<b>Modification Item 2 of 9:</b> SIRFC Antenna and RF Switch improvements	18 / 0.279	2 / 0.017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.296
<b>Modification Item 3 of 9:</b> AFT Cabin Lighting	38 / 0.575	- / -	- / -	4 / 0.110	- / -	4 / 0.110	- / -	- / -	- / -	- / -	- / -	42 / 0.685
<b>Modification Item 4 of 9:</b> Color Helmet Mounted Display	8 / 0.480	- / -	- / -	8 / 0.452	- / -	8 / 0.452	8 / 0.480	8 / 0.500	8 / 0.520	- / -	- / -	40 / 2.432
<b>Modification Item 5 of 9:</b> TF/TA Radar Replacement	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 15.000	50 / 15.000
<b>Modification Item 8 of 9:</b> Airborne Mission Networking	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.280	12 / 0.768	60 / 25.640	92 / 27.688
<b>Modification Item 9 of 9:</b> Completed Modifications	72 / 1.996	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 1.996
<i>Subtotal: Installation</i>	<i>- / 5.285</i>	<i>- / 0.017</i>	<i>- / 0.511</i>	<i>- / 1.412</i>	<i>- / -</i>	<i>- / 1.412</i>	<i>- / 0.480</i>	<i>- / 0.500</i>	<i>- / 1.800</i>	<i>- / 0.768</i>	<i>- / 40.640</i>	<i>- / 51.413</i>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>93.665</b>	<b>14.828</b>	<b>8.271</b>	<b>10.021</b>	<b>-</b>	<b>10.021</b>	<b>26.817</b>	<b>14.799</b>	<b>12.826</b>	<b>13.083</b>	<b>Continuing</b>	<b>Continuing</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 1 of 9:** Suite of Integrated Radio Frequency Countermeasures (SIRFC) Radome and LRU-2B improvements

<b>Manufacturer Information</b>							
Manufacturer Name: Bell-Boeing				Manufacturer Location: Amarillo TX			
Administrative Leadtime (in Months): 7				Production Leadtime (in Months): 18			
Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	May 2015						
Delivery Dates	Nov 2016						

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	23 / 1.955	- / -	6 / 0.511	6 / 0.510	- / -	6 / 0.510	- / -	- / -	- / -	- / -	- / -	35 / 2.976
FY 2015	- / -	- / -	- / -	4 / 0.340	- / -	4 / 0.340	- / -	- / -	- / -	- / -	- / -	4 / 0.340
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	<b>23 / 1.955</b>	<b>- / -</b>	<b>6 / 0.511</b>	<b>10 / 0.850</b>	<b>- / -</b>	<b>10 / 0.850</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>39 / 3.316</b>

**Installation Schedule**

	PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	23	-	-	-	-	1	2	1	2	3	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39
Out	23	-	-	-	-	-	1	2	1	2	3	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 2 of 9:** SIRFC Antenna and RF Switch improvements

**Manufacturer Information**

Manufacturer Name: Bell-Boeing	Manufacturer Location: Amarillo TX
Administrative Leadtime (in Months): 7	Production Leadtime (in Months): 17

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	18 / 0.279	2 / 0.017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.296
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	18 / 0.279	2 / 0.017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.296

**Installation Schedule**

	PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	18	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Out	18	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 3 of 9:** AFT Cabin Lighting

**Manufacturer Information**

Manufacturer Name: Bell-Boeing	Manufacturer Location: Amarillo TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 6

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates		Nov 2015					
Delivery Dates		May 2016					

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	38 / 0.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / 0.575
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	4 / 0.110	- / -	4 / 0.110	- / -	- / -	- / -	- / -	- / -	4 / 0.110
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	<b>38 / 0.575</b>	<b>- / -</b>	<b>- / -</b>	<b>4 / 0.110</b>	<b>- / -</b>	<b>4 / 0.110</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>42 / 0.685</b>

**Installation Schedule**

	PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	38	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Out	38	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 4 of 9:** Color Helmet Mounted Display

**Manufacturer Information**

Manufacturer Name: Bell-Boeing	Manufacturer Location: Amarillo TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 7

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	May 2015		Nov 2016	Nov 2017			
Delivery Dates	Jun 2016		Jun 2017	Jun 2018			

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.480
FY 2015	- / -	- / -	- / -	8 / 0.452	- / -	8 / 0.452	- / -	- / -	- / -	- / -	- / -	8 / 0.452
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.480	- / -	- / -	- / -	- / -	8 / 0.480
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.500	- / -	- / -	- / -	8 / 0.500
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.520	- / -	- / -	8 / 0.520
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	8 / 0.480	- / -	- / -	8 / 0.452	- / -	8 / 0.452	8 / 0.480	8 / 0.500	8 / 0.520	- / -	- / -	40 / 2.432

**Installation Schedule**

	PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	-	-	-	-	-	-	-	-	-	-	-	4	4	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-	-	40
Out	8	-	-	-	-	-	-	-	-	-	-	-	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-	40

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 5 of 9:** TF/TA Radar Replacement

**Manufacturer Information**

Manufacturer Name: Raytheon	Manufacturer Location: McKinney TX
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 12

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates						Mar 2020	Dec 2020
Delivery Dates						Mar 2021	Dec 2021

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 15,000	50 / 15,000
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 15,000	50 / 15,000

**Installation Schedule**

PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades
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**Modification Item 6 of 9:** Cottonmouth Antenna

**Manufacturer Information**

Manufacturer Name: Raytheon	Manufacturer Location: McKinney, TX
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Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 12
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Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates			Mar 2017				
Delivery Dates			Mar 2018				

**Installation Information**

<b>Method of Implementation (Organic):</b> Organization (O-Level)	<b>Installation Quantity:</b> 50
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**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command	<b>Date:</b> February 2016
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades
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**Modification Item 7 of 9:** SIRFC Correction of Deficiencies

**Manufacturer Information**

Manufacturer Name: Harris	Manufacturer Location: Clifton NJ
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Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 20
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Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates			Dec 2016	Dec 2017	Dec 2018	Dec 2019	
Delivery Dates			Aug 2018	Aug 2019	Aug 2020	Aug 2021	

**Installation Information**

<b>Method of Implementation (Organic):</b> Organization (O-Level)	<b>Installation Quantity:</b> 49
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**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 8 of 9:** Airborne Mission Networking

**Manufacturer Information**

Manufacturer Name: Harris	Manufacturer Location: Clifton NJ
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 20

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates					Mar 2019	Dec 2019	Dec 2020
Delivery Dates					Mar 2020	Dec 2020	Dec 2021

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.280	- / -	- / -	20 / 1.280
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.768	- / -	12 / 0.768
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 25.640	60 / 25.640
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.280	12 / 0.768	60 / 25.640	92 / 27.688

**Installation Schedule**

	PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	3	3	66	92
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	3	69	92

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1000CV2200 / CV-22 MODIFICATION	<b>Modification Number / Title:</b> 1 / CV-22 Block 20 Upgrades

**Modification Item 9 of 9:** Completed Modifications

**Manufacturer Information**

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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	72 / 1.996	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 1.996
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	72 / 1.996	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 1.996

**Installation Schedule**

	PYS	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				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	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
Out	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 1108MQ1 / MQ-1 UNMANNED AERIAL VEHICLE
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0305219BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	62.125	-	1.934	-	-	-	-	-	-	-	-	64.059
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	62.125	-	1.934	-	-	-	-	-	-	-	-	64.059
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>62.125</b>	<b>-</b>	<b>1.934</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>64.059</b>

*(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:**

NOTE: Beginning in FY2017 this line item has been consolidated into SOCOM line item Unmanned ISR.

This P1 line item is part of the Military Intelligence Program. The MQ-1 Unmanned Aerial Vehicle (UAV) line item funds the acquisition and support of Special Operations Forces (SOF)-unique mission kits, mission payloads, weaponization, and modifications on MQ-1 UAVs, ground control stations, and training systems as part of the Medium Altitude Long Endurance Tactical Program. USSOCOM is designated as the DOD lead for planning, synchronizing, and as directed, executing 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.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** 1108MQ1 / MQ-1 UNMANNED AERIAL VEHICLE

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0305219BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 62.125	- / -	- / 1.934	- / -	- / -	- / -
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 62.125</b>	<b>- / -</b>	<b>- / 1.934</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>

  

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / -	- / -	- / -	- / -	- / -	- / 64.059
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 64.059</b>

\*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 2017 PROGRAM JUSTIFICATION: None.

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1108MQ1 / MQ-1 UNMANNED AERIAL VEHICLE	<b>Item Number / Title [DODIC]:</b> - / AVIATION
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	62.125	-	1.934	-	-	-	-	-	-	-	-	64.059
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	62.125	-	1.934	-	-	-	-	-	-	-	-	64.059
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>62.125</b>	-	<b>1.934</b>	-	-	-	-	-	-	-	-	<b>64.059</b>

*(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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Hardware Cost</b>																		
<b>Recurring Cost</b>																		
Production Support	-	-	3.363	-	-	-	-	-	0.484	-	-	-	-	-	-	-	-	-
Mission Kits, Mission Payloads, Weaponization, and Modification	-	-	18.438	-	-	-	-	-	1.450	-	-	-	-	-	-	-	-	-
Prior Year Funding	-	-	20.828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Recurring Cost</b>	-	-	<b>42.629</b>	-	-	-	-	-	<b>1.934</b>	-	-	-	-	-	-	-	-	-
<b>Non Recurring Cost</b>																		
Prior Year Funding	-	-	19.496	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Non Recurring Cost</b>	-	-	<b>19.496</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Hardware Cost</b>	-	-	<b>62.125</b>	-	-	-	-	-	<b>1.934</b>	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>	-	-	<b>62.125</b>	-	-	-	-	-	<b>1.934</b>	-	-	-	-	-	-	-	-	-

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
<b>Hardware Cost</b>																		
<b>Recurring Cost</b>																		
Production Support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.847

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1108MQ1 / MQ-1 UNMANNED AERIAL VEHICLE	<b>Item Number / Title [DODIC]:</b> - / AVIATION
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
Mission Kits, Mission Payloads, Weaponization, and Modification	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.888
Prior Year Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.828
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.563
Non Recurring Cost																		
Prior Year Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.496
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.496
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.059
<b>Gross/Weapon System Cost</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.059

**Remarks:**

Quantities and unit costs may vary based on mission requirements established by the operational community within the year of execution.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1105219BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	75.220	18.593	17.226	10.598	-	10.598	11.660	5.285	5.411	5.519	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	75.220	18.593	17.226	10.598	-	10.598	11.660	5.285	5.411	5.519	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>75.220</b>	<b>18.593</b>	<b>17.226</b>	<b>10.598</b>	<b>-</b>	<b>10.598</b>	<b>11.660</b>	<b>5.285</b>	<b>5.411</b>	<b>5.519</b>	<b>Continuing</b>	<b>Continuing</b>

*(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:**

Description:  
The MQ-9 Unmanned Aerial Vehicle (UAV) line item funds the acquisition of Special Operations Forces (SOF)-unique mission kits, mission payloads, weaponization, modifications, and production support for MQ-9 UAVs and ground control stations, and training systems as part of the Medium Altitude Long Endurance Tactical program. USSOCOM is designated as the DoD lead for planning, synchronizing, and as directed, executing 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. This program received a congressional add in FY 2016.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1105219BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 75.220	- / 18.593	- / 17.226	- / 10.598	- / -	- / 10.598
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 75.220</b>	<b>- / 18.593</b>	<b>- / 17.226</b>	<b>- / 10.598</b>	<b>- / -</b>	<b>- / 10.598</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 11.660	- / 5.285	- / 5.411	- / 5.519	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 11.660</b>	<b>- / 5.285</b>	<b>- / 5.411</b>	<b>- / 5.519</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 2017 PROGRAM JUSTIFICATION: Procures SOF-unique mission kits, mission payloads, weaponization, modifications, and production support.



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE						<b>Item Number / Title [DODIC]:</b> - / AVIATION		

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :							<b>MDAP/MAIS Code:</b>					
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	75.220	18.593	17.226	10.598	-	10.598	11.660	5.285	5.411	5.519	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	75.220	18.593	17.226	10.598	-	10.598	11.660	5.285	5.411	5.519	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>75.220</b>	<b>18.593</b>	<b>17.226</b>	<b>10.598</b>	-	<b>10.598</b>	<b>11.660</b>	<b>5.285</b>	<b>5.411</b>	<b>5.519</b>	<b>Continuing</b>	<b>Continuing</b>

*(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.

<b>Cost Elements</b>	<b>Prior Years</b>			<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017 Base</b>			<b>FY 2017 OCO</b>			<b>FY 2017 Total</b>		
	<b>Unit Cost</b> (\$ M)	<b>Qty</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Qty</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Qty</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Qty</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Qty</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Qty</b> (Each)	<b>Total Cost</b> (\$ M)
<b>Hardware Cost</b>																		
<b>Recurring Cost</b>																		
Production Support	-	-	3.544	-	-	0.490	-	-	0.490	-	-	0.418	-	-	-	-	-	0.418
Mission Kits, Mission Payloads, Weaponization and Modification	-	-	28.041	-	-	12.403	-	-	9.236	-	-	10.180	-	-	-	-	-	10.180
Mission Kits, Mission Payloads, Weaponization and Modification Congressional Add	-	-	-	-	-	-	-	-	7.500	-	-	-	-	-	-	-	-	-
Mission Kits Overseas Contingency Operations	-	-	10.148	-	-	5.700	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	41.733	-	-	18.593	-	-	17.226	-	-	10.598	-	-	-	-	-	10.598
<b>Non Recurring Cost</b>																		
Prior Year Funding	-	-	33.487	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	33.487	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	<b>75.220</b>	-	-	<b>18.593</b>	-	-	<b>17.226</b>	-	-	<b>10.598</b>	-	-	-	-	-	<b>10.598</b>
<b>Gross/Weapon System Cost</b>	-	-	<b>75.220</b>	-	-	<b>18.593</b>	-	-	<b>17.226</b>	-	-	<b>10.598</b>	-	-	-	-	-	<b>10.598</b>

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**Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1108MQ9 / MQ-9 UNMANNED AERIAL VEHICLE	<b>Item Number / Title [DODIC]:</b> - / AVIATION
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
<b>Hardware Cost</b>																		
<b>Recurring Cost</b>																		
Production Support	-	-	0.416	-	-	0.466	-	-	0.469	-	-	0.478	Continuing			Continuing		
Mission Kits, Mission Payloads, Weaponization and Modification	-	-	11.244	-	-	4.819	-	-	4.942	-	-	5.041	Continuing			Continuing		
Mission Kits, Mission Payloads, Weaponization and Modification Congressional Add	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.500
Mission Kits Overseas Contingency Operations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.848
<i>Subtotal: Recurring Cost</i>	-	-	11.660	-	-	5.285	-	-	5.411	-	-	5.519	Continuing			Continuing		
<b>Non Recurring Cost</b>																		
Prior Year Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.487
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.487
<i>Subtotal: Hardware Cost</i>	-	-	11.660	-	-	5.285	-	-	5.411	-	-	5.519	Continuing			Continuing		
<b>Gross/Weapon System Cost</b>	-	-	11.660	-	-	5.285	-	-	5.411	-	-	5.519	Continuing			Continuing		

**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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 1108STU / SMALL TACTICAL UNMANNED AERIAL SYSTEMS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0304210BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	44.734	1.500	1.514	-	-	-	-	-	-	-	-	47.748
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	44.734	1.500	1.514	-	-	-	-	-	-	-	-	47.748
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>44.734</b>	<b>1.500</b>	<b>1.514</b>	-	-	-	-	-	-	-	-	<b>47.748</b>

*(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:**

NOTE: Beginning in FY2017 this line item has been consolidated into SOCOM line item Unmanned ISR.

This P-1 Line Item is part of the Military Intelligence Program. The Small Tactical Unmanned Aerial Systems (UAS) line item procures various expendable UAS and related sensor payloads for intelligence, surveillance, and reconnaissance, which allows for remotely controlled system emplacement and data exfiltration.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** 1108STU / SMALL TACTICAL UNMANNED AERIAL SYSTEMS

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0304210BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Small Tactical Unmanned Aerial System			- / 44.734	- / 1.500	- / 1.514	- / -	- / -	- / -
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 44.734</b>	<b>- / 1.500</b>	<b>- / 1.514</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Small Tactical Unmanned Aerial System			- / -	- / -	- / -	- / -	- / -	- / 47.748
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 47.748</b>

\*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 2017 PROGRAM JUSTIFICATION: None.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command															<b>Date:</b> February 2016				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1							<b>P-1 Line Item Number / Title:</b> 1108STU / SMALL TACTICAL UNMANNED AERIAL SYSTEMS								<b>Aggregated Items Title:</b> Small Tactical Unmanned Aerial System				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Small Tactical Unmanned Aerial System</b>																				
1 / Puma All-Environment Capable Variant (AECV)			0.456	38	17.327	0.465	2	0.930	-	-	-	-	-	-	-	-	-	-	-	-
2 / Expendable Unmanned Aerial Systems (UAS) and Payloads			-	-	-	-	-	-	-	-	1.252	-	-	-	-	-	-	-	-	-
3 / Ancillary Equipment			-	-	18.353	-	-	0.012	-	-	0.087	-	-	-	-	-	-	-	-	-
4 / Initial Spares			-	-	1.245	-	-	0.558	-	-	0.175	-	-	-	-	-	-	-	-	-
5 / Prior Year Funding			-	-	7.809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Small Tactical Unmanned Aerial System</b>			-	-	<b>44.734</b>	-	-	<b>1.500</b>	-	-	<b>1.514</b>	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>44.734</b>	-	-	<b>1.500</b>	-	-	<b>1.514</b>	-	-	-	-	-	-	-	-	-

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Small Tactical Unmanned Aerial System</b>																				
1 / Puma All-Environment Capable Variant (AECV)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.456	40	18.257
2 / Expendable Unmanned Aerial Systems (UAS) and Payloads			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.252
3 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.452
4 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.978
5 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.809
<b>Subtotal: Small Tactical Unmanned Aerial System</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>47.748</b>
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>47.748</b>

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 1202PSP / PRECISION STRIKE PACKAGE
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160429BB, 1160403BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	161.007	131.929	204.105	213.122	-	213.122	191.880	195.476	200.478	204.983	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	161.007	131.929	204.105	213.122	-	213.122	191.880	195.476	200.478	204.983	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>161.007</b>	<b>131.929</b>	<b>204.105</b>	<b>213.122</b>	-	<b>213.122</b>	<b>191.880</b>	<b>195.476</b>	<b>200.478</b>	<b>204.983</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	13.165	10.753	15.288	12.915	-	12.915	3.005	3.012	3.401	3.469	Continuing	Continuing
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	24.035	24.444	24.960	-	24.960	25.353	25.889	26.436	27.102	Continuing	Continuing
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Precision Strike Package (PSP) for Special Operations Forces (SOF) funds the procurement and installation 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, and gun systems. The recapitalization of the AC-130H, AC-130W, and AC-130U aircraft will be accomplished by installing PSP kits onto MC-130J donor aircraft. The lease for the facility that performs this recapitalization is funded within the PSP P1 Line item. The PSP kit is modular, scalable, and platform agnostic.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 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:** 1160429BB, 1160403BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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		- / 161.007	- / 131.929	- / 204.105	- / 213.122	- / -	- / 213.122
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 161.007</b>	<b>- / 131.929</b>	<b>- / 204.105</b>	<b>- / 213.122</b>	<b>- / -</b>	<b>- / 213.122</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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		- / 191.880	- / 195.476	- / 200.478	- / 204.983	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 191.880</b>	<b>- / 195.476</b>	<b>- / 200.478</b>	<b>- / 204.983</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 2017 PROGRAM JUSTIFICATION: Procures four PSP kits (including the large caliber gun capability), initial spares, system integration and test, training systems, software integration, technical data, technical insertions, other government costs, and associated support equipment (includes installation hardware & special test equipment) for integration and test onto donor MC-130J aircraft.



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<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1					<b>P-1 Line Item Number / Title:</b> 1202PSP / PRECISION STRIKE PACKAGE					<b>Item Number / Title [DODIC]:</b> 1 / Precision Strike Package		

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

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	161.007	131.929	204.105	213.122	-	213.122	191.880	195.476	200.478	204.983	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	161.007	131.929	204.105	213.122	-	213.122	191.880	195.476	200.478	204.983	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>161.007</b>	<b>131.929</b>	<b>204.105</b>	<b>213.122</b>	-	<b>213.122</b>	<b>191.880</b>	<b>195.476</b>	<b>200.478</b>	<b>204.983</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares (\$ in Millions)	13.165	10.753	15.288	12.915	-	12.915	3.005	3.012	3.401	3.469	Continuing	Continuing
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Hardware Cost</b>																		
<b>Recurring Cost</b>																		
PSP Kit <sup>(†)</sup>	20.593	4	82.370	24.035	2	48.070	24.444	4	97.776	25.556	4	102.222	-	-	-	25.556	4	102.222
Support Systems - System Integration Lab	-	-	2.667	-	-	6.883	-	-	7.312	-	-	6.498	-	-	-	-	-	6.498
Support Systems - Peculiar Support Equipment	-	-	3.234	-	-	5.100	-	-	5.468	-	-	4.378	-	-	-	-	-	4.378
Support Systems - Training Systems	-	-	-	-	-	4.300	-	-	4.500	-	-	6.916	-	-	-	-	-	6.916
Subsystem Integration and Test	-	-	26.286	-	-	10.600	-	-	12.800	-	-	33.552	-	-	-	-	-	33.552
Software Integration	-	-	8.852	-	-	9.500	-	-	9.662	-	-	10.569	-	-	-	-	-	10.569
Large Caliber Gun Retrofit	-	-	14.506	-	-	17.031	-	-	15.088	-	-	-	-	-	-	-	-	-
Technology Insertions - Aircraft Integration	-	-	3.326	-	-	-	-	-	4.010	-	-	4.348	-	-	-	-	-	4.348
Technology Insertions - Mission Kit	-	-	-	-	-	-	-	-	5.300	-	-	4.901	-	-	-	-	-	4.901
Technology Insertions - Weapons Integration	-	-	-	-	-	0.500	-	-	4.500	-	-	2.816	-	-	-	-	-	2.816
Technology Insertions - Deficiency Corrections	-	-	2.500	-	-	4.115	-	-	4.600	-	-	6.510	-	-	-	-	-	6.510

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command</b>												<b>Date:</b> February 2016					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1						<b>P-1 Line Item Number / Title:</b> 1202PSP / PRECISION STRIKE PACKAGE						<b>Item Number / Title [DODIC]:</b> 1 / Precision Strike Package					

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :										<b>MDAP/MAIS Code:</b>							
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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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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: Recurring Cost</i>	-	-	143.741	-	-	106.099	-	-	171.016	-	-	182.710	-	-	-	-	-	182.710
Non Recurring Cost																		
PSP Kit Initial Spares	-	-	12.301	-	-	7.578	-	-	11.988	-	-	12.915	-	-	-	-	-	12.915
PSP Large Caliber Gun Kit Initial Spares	-	-	0.864	-	-	3.175	-	-	3.300	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	13.165	-	-	10.753	-	-	15.288	-	-	12.915	-	-	-	-	-	12.915
<i>Subtotal: Hardware Cost</i>	-	-	156.906	-	-	116.852	-	-	186.304	-	-	195.625	-	-	-	-	-	195.625
Support Cost																		
Support Documents, Provisioning, and Technical Data	-	-	2.146	-	-	9.640	-	-	9.435	-	-	10.068	-	-	-	-	-	10.068
Other Government Costs	-	-	1.955	-	-	5.437	-	-	8.366	-	-	7.429	-	-	-	-	-	7.429
<i>Subtotal: Support Cost</i>	-	-	4.101	-	-	15.077	-	-	17.801	-	-	17.497	-	-	-	-	-	17.497
<b>Gross/Weapon System Cost</b>	-	-	161.007	-	-	131.929	-	-	204.105	-	-	213.122	-	-	-	-	-	213.122

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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 Cost																		
Recurring Cost																		
PSP Kit <sup>(†)</sup>	25.653	4	102.612	25.889	4	103.555	26.436	4	105.745	27.102	4	108.406	Continuing			Continuing		
Support Systems - System Integration Lab	-	-	5.855	-	-	5.815	-	-	5.914	-	-	6.022	Continuing			Continuing		
Support Systems - Peculiar Support Equipment	-	-	0.150	-	-	0.153	-	-	0.156	-	-	0.231	Continuing			Continuing		
Support Systems - Training Systems	-	-	1.120	-	-	1.139	-	-	1.158	-	-	1.158	Continuing			Continuing		
Subsystem Integration and Test	-	-	33.889	-	-	34.226	-	-	34.569	-	-	34.914	Continuing			Continuing		
Software Integration	-	-	10.003	-	-	10.163	-	-	10.308	-	-	10.422	Continuing			Continuing		
Large Caliber Gun Retrofit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.625
Technology Insertions - Aircraft Integration	-	-	4.600	-	-	5.000	-	-	4.902	-	-	5.095	Continuing			Continuing		

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**Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1202PSP / PRECISION STRIKE PACKAGE	<b>Item Number / Title [DODIC]:</b> 1 / Precision Strike Package
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
Technology Insertions - Mission Kit	-	-	9.040	-	-	11.476	-	-	12.980	-	-	13.856	Continuing			Continuing		
Technology Insertions - Weapons Integration	-	-	4.431	-	-	3.950	-	-	4.069	-	-	3.802	Continuing			Continuing		
Technology Insertions - Deficiency Corrections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.725
<i>Subtotal: Recurring Cost</i>	-	-	<i>171.700</i>	-	-	<i>175.477</i>	-	-	<i>179.801</i>	-	-	<i>183.906</i>	<i>Continuing</i>			<i>Continuing</i>		
<b>Non Recurring Cost</b>																		
PSP Kit Initial Spares	-	-	3.005	-	-	3.012	-	-	3.401	-	-	3.474	Continuing			Continuing		
PSP Large Caliber Gun Kit Initial Spares	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.339
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>3.005</i>	-	-	<i>3.012</i>	-	-	<i>3.401</i>	-	-	<i>3.474</i>	<i>Continuing</i>			<i>Continuing</i>		
<i>Subtotal: Hardware Cost</i>	-	-	<i>174.705</i>	-	-	<i>178.489</i>	-	-	<i>183.202</i>	-	-	<i>187.380</i>	<i>Continuing</i>			<i>Continuing</i>		
<b>Support Cost</b>																		
Support Documents, Provisioning, and Technical Data	-	-	7.689	-	-	7.620	-	-	7.750	-	-	7.875	Continuing			Continuing		
Other Government Costs	-	-	9.486	-	-	9.367	-	-	9.526	-	-	9.728	Continuing			Continuing		
<i>Subtotal: Support Cost</i>	-	-	<i>17.175</i>	-	-	<i>16.987</i>	-	-	<i>17.276</i>	-	-	<i>17.603</i>	<i>Continuing</i>			<i>Continuing</i>		
<b>Gross/Weapon System Cost</b>	-	-	<b>191.880</b>	-	-	<b>195.476</b>	-	-	<b>200.478</b>	-	-	<b>204.983</b>	<b>Continuing</b>			<b>Continuing</b>		

**Remarks:**

- (1) Subsystem Integration and Test includes post production verification tests, installation, post installation checkout and test.
- (2) Technology Insertions include costs to maintain technology currency in computers, network, sensors, weapon systems, displays, and communication and data link systems.

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

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**Exhibit P-5a, Procurement History and Planning:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1202PSP / PRECISION STRIKE PACKAGE	<b>Item Number / Title [DODIC]:</b> 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		2015	VARIOUS / VARIOUS	Various	Various	Apr 2015	Jun 2016	2	24.035	Y		
PSP Kit		2016	VARIOUS / VARIOUS	Various	Various	Apr 2016	Jun 2017	4	24.444	Y		
PSP Kit		2017	VARIOUS / VARIOUS	Various	Various	Apr 2017	Jun 2018	4	25.556	Y		

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160403BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	138.461	73.947	53.368	73.548	-	73.548	172.372	167.341	155.828	117.463	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	138.461	73.947	53.368	73.548	-	73.548	172.372	167.341	155.828	117.463	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>138.461</b>	<b>73.947</b>	<b>53.368</b>	<b>73.548</b>	-	<b>73.548</b>	<b>172.372</b>	<b>167.341</b>	<b>155.828</b>	<b>117.463</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	3.362	-	3.362	1.756	0.358	-	-	-	5.476
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 of aging airframes: 14 MC-130E Combat Talon I, 23 MC-130P Combat Shadow, 20 MC-130H Talon II, 12 AC-130W Stinger II, 8 AC-130H Spectre and 17 AC-130U Spooky aircraft. These platforms perform clandestine or low visibility, single, or multi-ship low-level missions intruding politically-sensitive or hostile territory. The platforms provide air refueling for special operations helicopters and CV-22 aircraft; airdrop of leaflets, small special operations teams, resupply bundles and combat rubber raiding craft; and close air support, air interdiction, and armed reconnaissance. Additional capabilities include low-light navigation and in-flight refueling as a receiver. The Air Force will procure and field basic aircraft, common support equipment, and trainers for USSOCOM. Designated MC-130J aircraft will be modified with kits required for Precision Strike Package (PSP) integration to achieve the AC-130J Gunship configuration. USSOCOM funds the procurement of Special Operations Forces (SOF)-peculiar systems such as unique publications, electronic warfare and survivability systems, cargo handling provisions, variable speed refueling drogues, situational awareness systems, navigation systems, mission processors, communication systems, beacons, electro-optical systems, low cost modifications, and associated modifications to training devices. Future upgrades include, but are not limited to, intelligence, surveillance, and reconnaissance systems and weapons to the AC/MC-130J fleet. The SOF-peculiar systems will be procured in increments, with non-recurring engineering as required for each baseline. SOF-unique aircrew training devices for the AC/MC-130J weapons systems are also included in this program. This program received a Congressional add in FY 2015.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	<b>P-1 Line Item Number / Title:</b> 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

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Mission Training Preparation Systems (MTPS)			- / 17.996	- / 14.436	- / -	- / -	- / -	- / -
P-5	MC-130J			- / 46.451	- / 5.317	- / 16.291	- / 19.042	- / -	- / 19.042
P-3a	2 / AC/MC-130J (Inc 3 Retrofit) (System Upgrade)			- / 37.462	- / 35.607	- / 20.937	- / 39.084	- / -	- / 39.084
P-3a	4 / AC-130J (PSP Retrofit) (System Upgrade)			- / 46.552	- / 28.587	- / 16.140	- / 15.422	- / -	- / 15.422
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 138.461</b>	<b>- / 73.947</b>	<b>- / 53.368</b>	<b>- / 73.548</b>	<b>- / -</b>	<b>- / 73.548</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Mission Training Preparation Systems (MTPS)			- / 35.408	- / 2.972	- / 27.335	- / -	Continuing	Continuing
P-5	MC-130J			- / 88.288	- / 104.723	- / 78.612	- / 68.559	Continuing	Continuing
P-3a	2 / AC/MC-130J (Inc 3 Retrofit) (System Upgrade)			- / 31.894	- / 42.574	- / 32.466	- / 31.141	Continuing	Continuing
P-3a	4 / AC-130J (PSP Retrofit) (System Upgrade)			- / 16.782	- / 17.072	- / 17.415	- / 17.763	- / 166.420	- / 342.153
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 172.372</b>	<b>- / 167.341</b>	<b>- / 155.828</b>	<b>- / 117.463</b>	<b>Continuing</b>	<b>Continuing</b>

\*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. FY 2017 PROGRAM JUSTIFICATION: Continues integration for SOF-unique modifications of AC/MC-130J aircraft, and spares. Procures eight and installs eight Increment 3 retrofit kits for AC-130J and MC-130J aircraft. Continues modification of training systems to Increment 3 configuration. Funds integration of four MC-130J aircraft modifications to the AC-130J configuration.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:</b> PB 2017 United States Special Operations Command															<b>Date:</b> February 2016				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1										<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J					<b>Aggregated Modification Items Title:</b> Mission Training Preparation Systems (MTPS)				

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>MTPS</b>																				
1 / AC-130J Simulator Prime Mission Product			7.996	1	7.996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 / Simulator Block Upgrades			-	-	-	-	-	4.436	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: MTPS</b>			-	-	7.996	-	-	4.436	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	7.996	-	-	4.436	-	-	-	-	-	-	-	-	-	-	-	-

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>MTPS</b>																				
1 / AC-130J Simulator Prime Mission Product			35.408	1	35.408	-	-	-	27.335	1	27.335	-	-	-	Continuing			Continuing		
2 / Simulator Block Upgrades			-	-	-	-	-	2.972	-	-	-	-	-	-	-	-	-	-	-	7.408
<b>Subtotal: MTPS</b>			-	-	35.408	-	-	2.972	-	-	27.335	-	-	-	<b>Continuing</b>			<b>Continuing</b>		
<b>Total</b>			-	-	35.408	-	-	2.972	-	-	27.335	-	-	-	<b>Continuing</b>			<b>Continuing</b>		

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
<b>MTPS</b>		
1 / AC-130J Simulator Prime Mission Product	A	1
2 / Simulator Block Upgrades	A	1

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**Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J	<b>Item Number / Title [DODIC]:</b> - / MC-130J
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	46.451	5.317	16.291	19.042	-	19.042	88.288	104.723	78.612	68.559	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	46.451	5.317	16.291	19.042	-	19.042	88.288	104.723	78.612	68.559	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>46.451</b>	<b>5.317</b>	<b>16.291</b>	<b>19.042</b>	-	<b>19.042</b>	<b>88.288</b>	<b>104.723</b>	<b>78.612</b>	<b>68.559</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	0.768	-	0.768	-	-	-	-	-	0.768
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Hardware Cost</b>																		
<b>Recurring Cost</b>																		
MC-130J Modifications	-	-	24.120	-	-	4.945	-	-	14.751	-	-	18.274	-	-	-	-	-	18.274
Enhanced Situational Awareness for MC-130J	-	-	1.570	-	-	0.372	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares	-	-	-	-	-	-	-	-	-	-	-	0.768	-	-	-	-	-	0.768
AC/MC-130J RF Countermeasures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<b>25.690</b>	-	-	<b>5.317</b>	-	-	<b>14.751</b>	-	-	<b>19.042</b>	-	-	-	-	-	<b>19.042</b>
<i>Subtotal: Hardware Cost</i>	-	-	<b>25.690</b>	-	-	<b>5.317</b>	-	-	<b>14.751</b>	-	-	<b>19.042</b>	-	-	-	-	-	<b>19.042</b>
<b>Support Cost</b>																		
MC-130J	-	-	-	-	-	-	-	-	1.540	-	-	-	-	-	-	-	-	-
Prior Year	-	-	20.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>	-	-	<b>20.761</b>	-	-	-	-	-	<b>1.540</b>	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>	-	-	<b>46.451</b>	-	-	<b>5.317</b>	-	-	<b>16.291</b>	-	-	<b>19.042</b>	-	-	-	-	-	<b>19.042</b>

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
<b>Hardware Cost</b>																		



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**Exhibit P-5, Cost Analysis: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J	<b>Item Number / Title [DODIC]:</b> - / MC-130J
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**ID Code** (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
<b>Recurring Cost</b>																		
MC-130J Modifications	-	-	8.044	-	-	8.212	-	-	6.891	-	-	5.421	Continuing			Continuing		
Enhanced Situational Awareness for MC-130J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.942
Initial Spares	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.768
AC/MC-130J RF Countermeasures	-	-	80.244	-	-	96.511	-	-	71.721	-	-	63.138	Continuing			Continuing		
<i>Subtotal: Recurring Cost</i>	-	-	<b>88.288</b>	-	-	<b>104.723</b>	-	-	<b>78.612</b>	-	-	<b>68.559</b>	<i>Continuing</i>			<i>Continuing</i>		
<i>Subtotal: Hardware Cost</i>	-	-	<b>88.288</b>	-	-	<b>104.723</b>	-	-	<b>78.612</b>	-	-	<b>68.559</b>	<i>Continuing</i>			<i>Continuing</i>		
<b>Support Cost</b>																		
MC-130J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.540
Prior Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.761
<i>Subtotal: Support Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>22.301</b>
<b>Gross/Weapon System Cost</b>	-	-	<b>88.288</b>	-	-	<b>104.723</b>	-	-	<b>78.612</b>	-	-	<b>68.559</b>	<b>Continuing</b>			<b>Continuing</b>		

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**Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J	<b>Modification Number / Title:</b> 2 / AC/MC-130J (Inc 3 Retrofit)
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	37.462	35.607	20.937	39.084	-	39.084	31.894	42.574	32.466	31.141	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	37.462	35.607	20.937	39.084	-	39.084	31.894	42.574	32.466	31.141	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>37.462</b>	<b>35.607</b>	<b>20.937</b>	<b>39.084</b>	-	<b>39.084</b>	<b>31.894</b>	<b>42.574</b>	<b>32.466</b>	<b>31.141</b>	<b>Continuing</b>	<b>Continuing</b>
<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> )	-	-	-	2.594	-	2.594	1.756	0.258	-	-	-	4.608
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

MC-130J SOF-unique modifications will be procured using an incremental strategy in conjunction with the Air Force HC/MC-130J Program. This modification program retrofits those capabilities into fielded AC/MC-130J aircraft. Increment 3 retrofits will be installed by contractor field teams onto AC-130J and MC-130J aircraft.

**Development Status/Major Development Milestones**

Date	Title	Description
Nov 2014	MS C	Milestone C
Jun 2016	FRP	Full Rate Production

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J						<b>Modification Number / Title:</b> 2 / AC/MC-130J (Inc 3 Retrofit)			
<b>Models of Systems Affected:</b> MC-130J				<b>Modification Type:</b> System Upgrade				<b>Related RDT&amp;E PEs:</b> 1160403BB, 1160429BB					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>RDT&amp;E PE #</b>													
1160429BB	- / 26.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.105	
1160403BB	- / 5.412	- / 12.183	- / 16.118	- / 17.556	- / -	- / 17.556	- / 18.235	- / 12.605	- / 24.127	- / 53.408	- / -	- / 119.644	
<b>Procurement</b>													
<i>Modification Item 1 of 1: AC/MC-130J Increment 3 Retrofit</i>													
<b>A Kits</b>													
<b>Non-Recurring</b>													
Engineering	- / 15.269	- / 12.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 27.504	
<i>Subtotal: Non-Recurring</i>	- / 15.269	- / 12.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 27.504	
<b>B Kits</b>													
<b>Recurring</b>													
Production Kits	10 / 17.097	8 / 20.706	6 / 15.978	8 / 20.878	- / -	8 / 20.878	8 / 21.767	8 / 24.243	8 / 23.969	8 / 21.458	Continuing	Continuing	
Other Government Costs	- / 5.096	- / 2.666	- / 3.241	- / 3.129	- / -	- / 3.129	- / 3.129	- / 3.147	- / 2.754	- / 2.754	Continuing	Continuing	
<i>Subtotal: Recurring</i>	10 / 22.193	8 / 23.372	6 / 19.219	8 / 24.007	- / -	8 / 24.007	8 / 24.896	8 / 27.390	8 / 26.723	8 / 24.212	Continuing	Continuing	
<b>Non-Recurring</b>													
Installation	- / -	- / -	5 / 1.718	8 / 5.944	- / -	8 / 5.944	8 / 5.242	8 / 8.272	8 / 5.743	8 / 4.098	Continuing	Continuing	
Trainer Modification	- / -	- / -	- / -	- / 16.539	- / -	- / 16.539	- / -	- / 16.554	- / -	- / 2.831	Continuing	Continuing	
Initial Spares	- / -	- / -	- / -	- / 12.594	- / -	- / 12.594	- / 1.756	- / 10.358	- / -	- / -	- / -	- / 14.708	
<i>Subtotal: Non-Recurring</i>	- / -	- / -	5 / 1.718	8 / 15.077	- / -	8 / 15.077	8 / 6.998	8 / 15.184	8 / 5.743	8 / 6.929	Continuing	Continuing	
<i>Subtotal: AC/MC-130J Increment 3 Retrofit</i>	- / 37.462	- / 35.607	- / 20.937	- / 39.084	- / -	- / 39.084	- / 31.894	- / 42.574	- / 32.466	- / 31.141	Continuing	Continuing	
<i>Subtotal: Procurement, All Modification Items</i>	- / 37.462	- / 35.607	- / 20.937	- / 39.084	- / -	- / 39.084	- / 31.894	- / 42.574	- / 32.466	- / 31.141	Continuing	Continuing	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>37.462</b>	<b>35.607</b>	<b>20.937</b>	<b>39.084</b>	<b>-</b>	<b>39.084</b>	<b>31.894</b>	<b>42.574</b>	<b>32.466</b>	<b>31.141</b>	<b>Continuing</b>	<b>Continuing</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command	<b>Date:</b> February 2016
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J	<b>Modification Number / Title:</b> 2 / AC/MC-130J (Inc 3 Retrofit)
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**Modification Item 1 of 1:** AC/MC-130J Increment 3 Retrofit

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Marietta,GA
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Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 24
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Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	May 2015	Apr 2016	Apr 2017	Apr 2018	Apr 2019	Apr 2020	Apr 2021
Delivery Dates	May 2017	Apr 2017	Apr 2018	Apr 2019	Apr 2020	Apr 2021	Apr 2022

**Installation Information**

<b>Method of Implementation (Organic):</b> TBD	<b>Installation Quantity:</b> 68
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**Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J	<b>Modification Number / Title:</b> 4 / AC-130J (PSP Retrofit)
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	46.552	28.587	16.140	15.422	-	15.422	16.782	17.072	17.415	17.763	166.420	342.153
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	46.552	28.587	16.140	15.422	-	15.422	16.782	17.072	17.415	17.763	166.420	342.153
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>46.552</b>	<b>28.587</b>	<b>16.140</b>	<b>15.422</b>	-	<b>15.422</b>	<b>16.782</b>	<b>17.072</b>	<b>17.415</b>	<b>17.763</b>	<b>166.420</b>	<b>342.153</b>
<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:**

This modification program prepares the MC-130J aircraft for 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 for AC-130J. AC-130J CPD defines a 37 AC-130J aircraft program.

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J						<b>Modification Number / Title:</b> 4 / AC-130J (PSP Retrofit)		
<b>Models of Systems Affected:</b> AC-130J				<b>Modification Type:</b> System Upgrade				<b>Related RDT&amp;E PEs:</b> 1160429BB, 1160403BB				
Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)
<b>RDT&amp;E PE #</b>												
1160429BB	- / 17.191	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.191
1160403BB	- / 7.744	- / 1.041	- / 0.575	- / 0.408	- / -	- / 0.408	- / 0.415	- / -	- / -	- / -	- / -	- / 10.183
<b>Procurement</b>												
<b>Modification Item 1 of 1: AC-130J PSP Retrofit</b>												
A Kits												
Recurring												
Aircraft Modifications	2 / 8.449	3 / 11.200	3 / 14.155	3 / 14.136	- / -	3 / 14.136	4 / 14.939	4 / 15.201	4 / 15.492	4 / 15.809	9 / 37.374	36 / 146.755
Other Governmental Costs	- / 15.191	- / 3.678	- / 1.985	- / 1.286	- / -	- / 1.286	- / 1.843	- / 1.871	- / 1.923	- / 1.954	- / 14.979	- / 44.710
<b>Subtotal: Recurring</b>	<b>- / 23.640</b>	<b>- / 14.878</b>	<b>- / 16.140</b>	<b>- / 15.422</b>	<b>- / -</b>	<b>- / 15.422</b>	<b>- / 16.782</b>	<b>- / 17.072</b>	<b>- / 17.415</b>	<b>- / 17.763</b>	<b>- / 52.353</b>	<b>- / 191.465</b>
Non-Recurring												
Technology Refresh/Insertion	- / 1.698	- / 4.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 54.845	- / 60.738
System Integration Lab Kit	- / 9.662	- / 6.018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 27.872	- / 43.552
Support Equipment	- / 11.552	- / 3.496	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 31.350	- / 46.398
<b>Subtotal: Non-Recurring</b>	<b>- / 22.912</b>	<b>- / 13.709</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 114.067</b>	<b>- / 150.688</b>
<b>Subtotal: AC-130J PSP Retrofit</b>	<b>- / 46.552</b>	<b>- / 28.587</b>	<b>- / 16.140</b>	<b>- / 15.422</b>	<b>- / -</b>	<b>- / 15.422</b>	<b>- / 16.782</b>	<b>- / 17.072</b>	<b>- / 17.415</b>	<b>- / 17.763</b>	<b>- / 166.420</b>	<b>- / 342.153</b>
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 46.552</b>	<b>- / 28.587</b>	<b>- / 16.140</b>	<b>- / 15.422</b>	<b>- / -</b>	<b>- / 15.422</b>	<b>- / 16.782</b>	<b>- / 17.072</b>	<b>- / 17.415</b>	<b>- / 17.763</b>	<b>- / 166.420</b>	<b>- / 342.153</b>
<b>Installation</b>												
<b>Subtotal: Installation</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>46.552</b>	<b>28.587</b>	<b>16.140</b>	<b>15.422</b>	<b>-</b>	<b>15.422</b>	<b>16.782</b>	<b>17.072</b>	<b>17.415</b>	<b>17.763</b>	<b>166.420</b>	<b>342.153</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command	<b>Date:</b> February 2016
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 2012C130J / AC/MC-130J	<b>Modification Number / Title:</b> 4 / AC-130J (PSP Retrofit)
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**Modification Item 1 of 1:** AC-130J PSP Retrofit

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Lexington, KY
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Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 10
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Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates	Jan 2015	Jan 2016	Nov 2016	Nov 2017	Nov 2018	Nov 2019	Nov 2020
Delivery Dates	Sep 2015	Nov 2016	Sep 2017	Sep 2018	Sep 2019	Sep 2020	Sep 2021

**Installation Information**

<b>Method of Implementation (Organic):</b> Modification Line	<b>Installation Quantity:</b> 37
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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** 1160404BB, 1160403BB, 1160427BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,384.202	24.090	26.412	32.970	-	32.970	39.219	51.424	55.826	50.316	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2,384.202	24.090	26.412	32.970	-	32.970	39.219	51.424	55.826	50.316	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,384.202</b>	<b>24.090</b>	<b>26.412</b>	<b>32.970</b>	-	<b>32.970</b>	<b>39.219</b>	<b>51.424</b>	<b>55.826</b>	<b>50.316</b>	<b>Continuing</b>	<b>Continuing</b>

*(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	-	0.323	-	-	-	-	3.648	3.881	3.980	Continuing	Continuing
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 to various SOF models of the C-130 aircraft and associated training systems. Program is comprised of modifications generated from mission performance deficiencies, logistics problems, and evaluation of emerging technologies. USSOCOM funds the procurement of SOF-peculiar systems such as electronic warfare and survivability, communication, situational awareness, terrain following radar, training, intelligence surveillance and reconnaissance, weapons integration, and low cost modifications into the SOF C-130 fleet.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** 1160404BB, 1160403BB, 1160427BB

**Line Item MDAP/MAIS Code:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 2,371.264	- / 22.381	- / 14.533	- / 20.125	- / -	- / 20.125
P-3a	6 / EC-130J Commando Solo (Added Capability)			- / 12.938	- / 1.709	- / 11.879	- / 12.845	- / -	- / 12.845
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 2,384.202</b>	<b>- / 24.090</b>	<b>- / 26.412</b>	<b>- / 32.970</b>	<b>- / -</b>	<b>- / 32.970</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 35.625	- / 51.424	- / 55.826	- / 50.316	Continuing	Continuing
P-3a	6 / EC-130J Commando Solo (Added Capability)			- / 3.594	- / -	- / -	- / -	- / -	- / 42.965
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 39.219</b>	<b>- / 51.424</b>	<b>- / 55.826</b>	<b>- / 50.316</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 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 projects include but are not limited to AC-130U Global Positioning System (GPS) improvements, MC-130H GPS upgrade, MC-130H Joint Threat Warning System-Air Variant permanent installation, EC-130J Emergency Equipment Storage Bin installation, MC-130H lightweight armor, and MC-130J lightweight paratroop door armor installation.

FY 2017 PROGRAM JUSTIFICATION: Continues minor upgrades/modifications to SOF C-130 equipment.

2. Enhanced Situational Awareness (ESA). Provides C-130 SOF fleet with near-real time intelligence to include data fusion, threat detection, identification, and avoidance; electronic support measures for threat geo-location; and specific emitter identification.

FY 2017 PROGRAM JUSTIFICATION: Procures processing, communications, and display equipment for carry-on kits.

3. C-130 Avionics Modifications. This program replaces various SOF C-130 unique avionics systems across the SOF C-130 fleet. MFP-4 funds address service-common avionics systems. Projects include but are not limited to replacing the AP-102A Mission Computer on the AC-130U and MC-130H SOF aircraft due to obsolescence issues. There are four computers on each AC-130U and two computers on each MC-130H. Production kit price includes installation. Modifications will be a field-level installation based on aircraft availability.

4. EC-130J Upgrade Modifications. This program funds the hardware and installation of SOF-unique portions of C-130J block cycle upgrades, airframe and aircraft infrastructure modifications.

FY 2017 PROGRAM JUSTIFICATION: Funds group A hardware upgrades for EC-130J aircraft.

5. Simulator Block Updates (SBUD). The C-130 Simulator Block Update (SBUD) program sustains legacy C-130 aircrew training device capabilities by addressing concurrency, obsolescence, and fidelity training issues. C-130 weapon systems possessing aircrew training devices include the AC-130J, AC-130U, AC-130W, EC-130J, MC-130H and MC-130J.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		<b>P-1 Line Item Number / Title:</b> 5000C13000 / C-130 MODIFICATIONS
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160404BB, 1160403BB, 1160427BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>FY 2017 PROGRAM JUSTIFICATION: The SBUD program continues to procure modifications to C-130 aircrew training devices to sustain or improve legacy training capabilities.</p> <p>6. EC-130J Commando Solo. Commando Solo 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 funds the demodification of three legacy aircraft to make them SOF multi-mission capable and procurement of roll-on/roll-off Removable Airborne MISO Systems (RAMS).</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures three RAMS kits, aircraft de-modifications, data/training, and program management.</p> <p>7. C-130 Terrain Following Radar System. This program incorporates a Low Probability of Detection/Low Probability of Interception (LPD/LPI) Terrain Following/Terrain Avoidance (TF/TA) radar to provide a multi-mode low-level terrain following capability in low-light and most weather conditions on the MC-130J platform.</p>		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Modification</b>																				
1 / C-130 Low Cost Modifications (LCM)			-	-	62.748	-	-	5.777	-	-	3.974	-	-	4.089	-	-	-	-	-	4.089
2 / Enhanced Situational Awareness			-	-	6.652	-	-	1.413	-	-	1.460	-	-	0.200	-	-	-	-	-	0.200
3 / C-130 Avionics Modifications			-	-	12.668	-	-	6.407	-	-	-	-	-	-	-	-	-	-	-	-
4 / EC-130J Upgrade Modification			-	-	3.861	-	-	-	-	-	-	-	-	3.263	-	-	-	-	-	3.263
5 / Simulator Block Update (SBUD)			-	-	15.934	-	-	8.741	-	-	9.099	-	-	12.573	-	-	-	-	-	12.573
7a / C-130 Terrain Following Radar System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7b / C-130 Terrain Following Radar System - Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7c / C-130 Terrain Following Radar System - Non-Recurring Engineering, Training and Program Support			-	-	-	-	-	0.043	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Modification</b>			-	-	<b>101.863</b>	-	-	<b>22.381</b>	-	-	<b>14.533</b>	-	-	<b>20.125</b>	-	-	-	-	-	<b>20.125</b>
<b>Prior Year</b>																				
1 / Prior Year Funding			-	-	2,261.278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 / Prior Year Initial Spares			-	-	8.123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Prior Year</b>			-	-	<b>2,269.401</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>2,371.264</b>	-	-	<b>22.381</b>	-	-	<b>14.533</b>	-	-	<b>20.125</b>	-	-	-	-	-	<b>20.125</b>
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Modification</b>																				
1 / C-130 Low Cost Modifications (LCM)			-	-	4.098	-	-	4.530	-	-	4.622	-	-	4.715	Continuing			Continuing		
2 / Enhanced Situational Awareness			-	-	0.204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.929
3 / C-130 Avionics Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.075
4 / EC-130J Upgrade Modification			-	-	3.415	-	-	3.568	-	-	3.640	-	-	3.713	Continuing			Continuing		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / Simulator Block Update (SBUD)			-	-	13.908	-	-	13.326	-	-	13.564	-	-	13.888	Continuing			Continuing		
7a / C-130 Terrain Following Radar System			-	-	10.600	-	-	18.440	-	-	19.200	-	-	19.600	Continuing			Continuing		
7b / C-130 Terrain Following Radar System - Spares			-	-	-	-	-	3.648	-	-	3.881	-	-	3.980	Continuing			Continuing		
7c / C-130 Terrain Following Radar System - Non-Recurring Engineering, Training and Program Support			-	-	3.400	-	-	7.912	-	-	10.919	-	-	4.420	Continuing			Continuing		
<b>Subtotal: Modification</b>			-	-	<b>35.625</b>	-	-	<b>51.424</b>	-	-	<b>55.826</b>	-	-	<b>50.316</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Prior Year</b>																				
1 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,261.278	
2 / Prior Year Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.123	
<b>Subtotal: Prior Year</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>2,269.401</b>	
<b>Total</b>			-	-	<b>35.625</b>	-	-	<b>51.424</b>	-	-	<b>55.826</b>	-	-	<b>50.316</b>	<b>Continuing</b>			<b>Continuing</b>		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 5000C13000 / C-130 MODIFICATIONS	<b>Modification Number / Title:</b> 6 / EC-130J Commando Solo
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	12.938	1.709	11.879	12.845	-	12.845	3.594	-	-	-	-	42.965
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	12.938	1.709	11.879	12.845	-	12.845	3.594	-	-	-	-	42.965
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>12.938</b>	<b>1.709</b>	<b>11.879</b>	<b>12.845</b>	<b>-</b>	<b>12.845</b>	<b>3.594</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>42.965</b>
<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>	0.215	-	0.323	-	-	-	-	-	-	-	-	0.538
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Commando Solo 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 funds the demodification of three legacy aircraft to make them SOF multi-mission capable and procurement of roll-on/roll-off Removable Airborne MISO Systems (RAMS).

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<b>Exhibit P-3a, Individual Modification: PB 2017 United States Special Operations Command</b>										<b>Date:</b> February 2016			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1				<b>P-1 Line Item Number / Title:</b> 5000C13000 / C-130 MODIFICATIONS						<b>Modification Number / Title:</b> 6 / EC-130J Commando Solo			
<b>Models of Systems Affected:</b> EC-130J				<b>Modification Type:</b> Added Capability				<b>Related RDT&amp;E PEs:</b> 1160403BB					
Financial Plan	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	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)	
<b>RDT&amp;E PE #</b>													
1160403BB	- / -	- / 1.366	- / 2.375	- / -	- / -	- / -	- / -	- / 1.189	- / 1.213	- / 1.237	- / -	- / 17.380	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> EC-130J Commando Solo													
B Kits													
Recurring													
RAMS Hardware	- / -	- / -	3 / 6.600	3 / 6.600	- / -	3 / 6.600	1 / 2.200	- / -	- / -	- / -	- / -	7 / 15.400	
Prior Year	- / 12.723	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.723	
<i>Subtotal: Recurring</i>	- / 12.723	- / -	3 / 6.600	3 / 6.600	- / -	3 / 6.600	1 / 2.200	- / -	- / -	- / -	- / -	7 / 28.123	
Non-Recurring													
Non Recurring Engineering (NRE)	- / -	- / 1.490	- / 0.554	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.044	
EC-130J Demodification	- / -	- / -	- / 4.302	- / 15.907	- / -	- / 15.907	- / 1.319	- / -	- / -	- / -	- / -	- / 11.528	
Initial Spares	- / 0.215	- / -	- / 0.323	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.538	
<i>Subtotal: Non-Recurring</i>	- / 0.215	- / 1.490	- / 5.179	- / 15.907	- / -	- / 15.907	- / 1.319	- / -	- / -	- / -	- / -	- / 14.110	
<i>Subtotal: EC-130J Commando Solo</i>	- / 12.938	- / 1.490	3 / 11.779	3 / 12.507	- / -	3 / 12.507	1 / 3.519	- / -	- / -	- / -	- / -	7 / 42.233	
<i>Subtotal: Procurement, All Modification Items</i>	- / 12.938	- / 1.490	- / 11.779	- / 12.507	- / -	- / 12.507	- / 3.519	- / -	- / -	- / -	- / -	- / 42.233	
<b>Support (All Modification Items)</b>													
Program Management	- / -	- / 0.219	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.075	- / -	- / -	- / -	- / -	- / 0.494	
Data/Training	- / -	- / -	- / -	- / 0.238	- / -	- / 0.238	- / -	- / -	- / -	- / -	- / -	- / 0.238	
<i>Subtotal: Support</i>	- / -	- / 0.219	- / 0.100	- / 0.338	- / -	- / 0.338	- / 0.075	- / -	- / -	- / -	- / -	- / 0.732	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>12.938</b>	<b>1.709</b>	<b>11.879</b>	<b>12.845</b>	<b>-</b>	<b>12.845</b>	<b>3.594</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>42.965</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2017 United States Special Operations Command	<b>Date:</b> February 2016
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 1	<b>P-1 Line Item Number / Title:</b> 5000C13000 / C-130 MODIFICATIONS	<b>Modification Number / Title:</b> 6 / EC-130J Commando Solo
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**Modification Item 1 of 1:** EC-130J Commando Solo

**Manufacturer Information**

Manufacturer Name: John's Hopkins Applied Physics Laboratory	Manufacturer Location: Laurel, MD
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Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 18
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Dates	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Contract Dates		Feb 2016	Feb 2017	Feb 2018			
Delivery Dates		Aug 2017	Aug 2018	Aug 2019			

**Installation Information**

<b>Method of Implementation (Organic):</b> Field Implementation	<b>Installation Quantity:</b> 7
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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 2: Shipbuilding	<b>P-1 Line Item Number / Title:</b> 2010US / UNDERWATER SYSTEMS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160483BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	27.499	25.408	29.021	37.098	-	37.098	91.032	54.299	7.820	7.977	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	27.499	25.408	29.021	37.098	-	37.098	91.032	54.299	7.820	7.977	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>27.499</b>	<b>25.408</b>	<b>29.021</b>	<b>37.098</b>	-	<b>37.098</b>	<b>91.032</b>	<b>54.299</b>	<b>7.820</b>	<b>7.977</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	1.622	7.126	1.957	-	1.957	12.815	2.800	0.100	0.100	Continuing	Continuing
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, modifications, and field changes to the Dry Deck Shelter (DDS), and various systems and components for Special Operations Forces (SOF) Combat Diving. Acquisition procurement programs of record that will continue are the Shallow Water Combat Submersible (SWCS) program and modifications to the current DDS. SWCS is the next generation free-flooding combat submersible that transports SOF personnel and their combat equipment in hostile waters for a variety of missions. SOF units require specialized underwater systems that improve their warfighting capability and survivability in harsh operating environments. The Dry Combat Submersibles (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. Other examples of underwater systems and maritime equipment include, but may not be limited to, underwater navigation, diving equipment, and underwater propulsion systems. SOF Combat Diving systems support the unique requirements impacting fully equipped operators while conducting underwater, real-world missions.

Systems and equipment are used in the conduct of 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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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 - Underwater Systems / 1. Dry Deck Shelter (DDS)			- / 14.977	- / 5.352	- / 1.949	- / 2.255	- / -	- / 2.255
P-40a	Category - Underwater Systems / 2. Shallow Water Combat Submersible (SWCS)			- / 7.533	- / 20.056	- / 27.072	- / 33.691	- / -	- / 33.691
P-40a	Category - Underwater Systems / 3. Dry Combat Submersibles (DCS)			- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Category - Underwater Systems / 4. SOF Combat Diving			- / -	- / -	- / -	- / 1.152	- / -	- / 1.152
P-40a	Category - Underwater Systems / 5. Prior Years			- / 4.989	- / -	- / -	- / -	- / -	- / -
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 27.499</b>	<b>- / 25.408</b>	<b>- / 29.021</b>	<b>- / 37.098</b>	<b>- / -</b>	<b>- / 37.098</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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 - Underwater Systems / 1. Dry Deck Shelter (DDS)			- / 2.299	- / 6.546	- / 7.336	- / 7.483	Continuing	Continuing
P-40a	Category - Underwater Systems / 2. Shallow Water Combat Submersible (SWCS)			- / 43.152	- / -	- / -	- / -	- / -	- / 131.504
P-40a	Category - Underwater Systems / 3. Dry Combat Submersibles (DCS)			- / 44.977	- / 47.288	- / -	- / -	- / -	- / 92.265
P-40a	Category - Underwater Systems / 4. SOF Combat Diving			- / 0.604	- / 0.465	- / 0.484	- / 0.494	Continuing	Continuing
P-40a	Category - Underwater Systems / 5. Prior Years			- / -	- / -	- / -	- / -	- / -	- / 4.989
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 91.032</b>	<b>- / 54.299</b>	<b>- / 7.820</b>	<b>- / 7.977</b>	<b>Continuing</b>	<b>Continuing</b>

\*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. DDS. The DDS is a certified diving system that attaches to modified host submarines. Program provides certification, field changes, and modifications for the DDS.

FY 2017 PROGRAM JUSTIFICATION: Procures minor modification efforts and field changes to the current class of six DDSs that are in service with the U.S. Navy. Funding continues engineering design, fabrication, assembly, acceptance, and testing for field change kits. Includes changes for relocation of equipment inside the DDS hangar to accommodate SWCS, also includes field changes for items such as camera replacements, gauge replacements, mechanical quieting, lighting upgrades, and other general field changes to support deficiency resolution.

2. SWCS. The SWCS is the replacement for the SEAL Delivery Vehicle. SWCS is the next generation free-flooding combat submersible that transports SOF personnel and their combat equipment in hostile waters for a variety of missions. Procurement funds the replacement system and provides government furnished equipment (GFE) such as satellite communications antennas, batteries, docking sonar and radios. The FY 2017 funding request was reduced by \$4.500 million to account for the availability of prior year execution balances.

FY 2017 PROGRAM JUSTIFICATION: Purchases two SWCS vehicles, GFE (batteries and trailers), detachment deployment packages, and initial spares.

3. 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.

4. SOF Combat Diving. This program provides for procurement and transition of SOF peculiar diving technologies for the SOF combat diver while conducting underwater, real-world missions.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 2: Shipbuilding		<b>P-1 Line Item Number / Title:</b> 2010US / UNDERWATER SYSTEMS
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160483BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	

FY 2017 PROGRAM JUSTIFICATION: Procures 29 systems to include Underwater Breathing Apparatuses, diver propulsion equipment, communications equipment, navigation systems, various life support systems supporting diver thermal efforts, and initial spares.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1. Dry Deck Shelter (DDS)</b>																				
1 / Minor Modifications/Field Changes			-	-	14.977	-	-	5.352	-	-	1.949	-	-	2.255	-	-	-	-	2.255	
<b>Subtotal: 1. Dry Deck Shelter (DDS)</b>			-	-	<b>14.977</b>	-	-	<b>5.352</b>	-	-	<b>1.949</b>	-	-	<b>2.255</b>	-	-	-	-	<b>2.255</b>	
<b>2. Shallow Water Combat Submersible (SWCS)</b>																				
1 / Low Rate Initial Production			-	-	-	15.100	1	15.100	15.100	1	15.100	-	-	-	-	-	-	-	-	
2 / Craft System			-	-	-	-	-	-	-	-	-	15.100	2	30.200	-	-	-	15.100	2	30.200
3 / Government Furnished Equipment & Detachment Deployment Packages			-	-	7.533	-	-	3.334	-	-	4.896	-	-	1.834	-	-	-	-	-	1.834
4 / Initial Spares			-	-	-	-	-	1.622	-	-	7.076	-	-	1.657	-	-	-	-	-	1.657
<b>Subtotal: 2. Shallow Water Combat Submersible (SWCS)</b>			-	-	<b>7.533</b>	-	-	<b>20.056</b>	-	-	<b>27.072</b>	-	-	<b>33.691</b>	-	-	-	-	<b>33.691</b>	
<b>3. Dry Combat Submersibles (DCS)</b>																				
1 / Craft Systems & Minor Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 3. Dry Combat Submersibles (DCS)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>4. SOF Combat Diving</b>																				
1 / SOF Combat Diving Systems			-	-	-	-	-	-	-	-	-	0.038	29	1.102	-	-	-	0.038	29	1.102
2 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	0.050
<b>Subtotal: 4. SOF Combat Diving</b>			-	-	-	-	-	-	-	-	-	-	-	<b>1.152</b>	-	-	-	-	-	<b>1.152</b>
<b>5. Prior Years</b>																				
1 / Prior Years			-	-	4.989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 5. Prior Years</b>			-	-	<b>4.989</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>27.499</b>	-	-	<b>25.408</b>	-	-	<b>29.021</b>	-	-	<b>37.098</b>	-	-	-	-	<b>37.098</b>	
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>1. Dry Deck Shelter (DDS)</b>																				
1 / Minor Modifications/Field Changes			-	-	2.299	-	-	6.546	-	-	7.336	-	-	7.483	Continuing			Continuing		
<b>Subtotal: 1. Dry Deck Shelter (DDS)</b>			-	-	<b>2.299</b>	-	-	<b>6.546</b>	-	-	<b>7.336</b>	-	-	<b>7.483</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>2. Shallow Water Combat Submersible (SWCS)</b>																				

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / Low Rate Initial Production			-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.100	2	30.200	
2 / Craft System			14.384	3	43.152	-	-	-	-	-	-	-	-	-	-	-	14.670	5	73.352	
3 / Government Furnished Equipment & Detachment Deployment Packages			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.597	
4 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.355	
<b>Subtotal: 2. Shallow Water Combat Submersible (SWCS)</b>			-	-	<b>43.152</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>131.504</b>	
<b>3. Dry Combat Submersibles (DCS)</b>																				
1 / Craft Systems & Minor Modifications			42.552	1	42.552	44.588	1	44.588	-	-	-	-	-	-	-	-	43.570	2	87.140	
2 / Initial Spares			-	-	2.425	-	-	2.700	-	-	-	-	-	-	-	-	-	-	5.125	
<b>Subtotal: 3. Dry Combat Submersibles (DCS)</b>			-	-	<b>44.977</b>	-	-	<b>47.288</b>	-	-	-	-	-	-	-	-	-	-	<b>92.265</b>	
<b>4. SOF Combat Diving</b>																				
1 / SOF Combat Diving Systems			0.038	15	0.570	0.038	12	0.456	0.038	10	0.380	0.070	7	0.490	Continuing			Continuing		
2 / Initial Spares			-	-	0.034	-	-	0.009	-	-	0.104	-	-	0.004	Continuing			Continuing		
<b>Subtotal: 4. SOF Combat Diving</b>			-	-	<b>0.604</b>	-	-	<b>0.465</b>	-	-	<b>0.484</b>	-	-	<b>0.494</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>5. Prior Years</b>																				
1 / Prior Years			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.989	
<b>Subtotal: 5. Prior Years</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>4.989</b>	
<b>Total</b>			-	-	<b>91.032</b>	-	-	<b>54.299</b>	-	-	<b>7.820</b>	-	-	<b>7.977</b>	<b>Continuing</b>			<b>Continuing</b>		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 3: Ammunition Programs	<b>P-1 Line Item Number / Title:</b> 0203ORDN / ORDNANCE ITEMS <\$5M
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB, 1160481BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	163.984	169.737	210.033	105.267	52.504	157.771	112.821	124.858	134.615	144.476	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	163.984	169.737	210.033	105.267	52.504	157.771	112.821	124.858	134.615	144.476	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>163.984</b>	<b>169.737</b>	<b>210.033</b>	<b>105.267</b>	<b>52.504</b>	<b>157.771</b>	<b>112.821</b>	<b>124.858</b>	<b>134.615</b>	<b>144.476</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 caliber, medium caliber, and large caliber ammunition, demolitions, pyrotechnics, explosive initiation devices, underwater munitions, grenades, foreign weapons and ammunition, air delivered munitions, precision guided munitions, shoulder fired munitions and rockets for Special Operations Forces (SOF). Ammunition provided will allow SOF components to accomplish the required annual training, support required combat missions, and build toward the required war reserve quantities.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:**  
0203ORDN / 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 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 163.984	- / 169.737	- / 210.033	- / 105.267	- / 52.504	- / 157.771
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 163.984</b>	<b>- / 169.737</b>	<b>- / 210.033</b>	<b>- / 105.267</b>	<b>- / 52.504</b>	<b>- / 157.771</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 112.821	- / 124.858	- / 134.615	- / 144.476	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 112.821</b>	<b>- / 124.858</b>	<b>- / 134.615</b>	<b>- / 144.476</b>	<b>Continuing</b>	<b>Continuing</b>

\*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, 40mm, 30mm, 25mm and fuzes, including the associated safety certification, Insensitive Munitions (IM) qualification, production engineering and transportation. This program received Overseas Contingency Operations (OCO) funding in FY 2016.

FY 2017 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, 25mm, and 30mm ammunition and fuzes. Replenishes munitions expended in real-world events and training. Actual quantities vary depending on training requirements.

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, 7.62mm, .300 WinMag, .338 Lapua, 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 2017 PROGRAM JUSTIFICATION: Funding procures the following munitions: Rifle, Sniper Rifle, and Machine Gun (all types of 5.56mm, 7.62mm, 40mm, .300 WM and .50 Caliber); Replenishes munitions expended in real-world events and training. Procures various types of Non-Standard foreign ammunition. Actual quantities vary depending on training requirements.

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.

FY 2017 PROGRAM JUSTIFICATION: Procures grenades (offensive/ smoke), training devices, a variety of demolition materiel consisting of explosives, firing devices, and accessories. Replenishes munitions expended in real-world events and training. Actual quantities vary depending on training requirements.

4. Shoulder Fired Munitions and Rockets. Provides 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.



**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 3: Ammunition Programs		<b>P-1 Line Item Number / Title:</b> 0203ORDN / ORDNANCE ITEMS <\$5M
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB, 1160481BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	

FY2017 PROGRAM JUSTIFICATION: Procures M3 Multi-Purpose Anti-Armor/Anti-Personnel Weapons System shoulder fired munitions, launchers, and 2.75" rockets. Replenishes munitions expended in real-world events and training. Actual quantities vary depending on training requirements.

5. 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 armed over-watch capability on the battlefield. This program received OCO funding in FY 2015 and FY 2016. This program is a DOD high interest item.

FY 2017 PROGRAM JUSTIFICATION: Procures 178 SOPGMs.

FY 2017 OVERSEAS CONTINGENCY OPERATIONS (OCO) PROGRAM JUSTIFICATION: Procures 652 SOPGMs.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command** **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Air Delivered Munitions</b>																				
1 / 105MM			498.00	30,355	15.117	500.00	16,252	8.126	513.23	16,400	8.417	655.52	30,174	19.780	-	-	-	655.52	30,174	19.780
2 / 105MM - OCO			-	-	-	-	-	-	513.25	20,982	10.769	-	-	-	-	-	-	-	-	-
3 / 25MM			47.79	69,889	3.340	50.00	59,440	2.972	51.21	62,600	3.206	52.38	87,820	4.600	-	-	-	52.38	87,820	4.600
4 / 40MM			-	-	0.000	255.41	83,481	21.322	-	-	-	-	-	-	-	-	-	-	-	-
5 / 30MM			52.59	463,339	24.367	54.18	32,262	1.748	54.39	517,000	28.123	55.12	72,569	4.000	-	-	-	55.12	72,569	4.000
<b>Subtotal: Air Delivered Munitions</b>			-	-	<b>42.824</b>	-	-	<b>34.168</b>	-	-	<b>50.515</b>	-	-	<b>28.380</b>	-	-	-	-	-	<b>28.380</b>
<b>Small Caliber Bullets</b>																				
1 / 40MM			33.82	45,000	1.522	34.10	30,499	1.040	35.19	37,000	1.302	128.09	13,068	1.674	-	-	-	128.09	13,068	1.674
2 / Shotgun Ammo			2.53	46,000	0.116	2.36	21,960	0.052	2.62	37,000	0.097	-	-	-	-	-	-	-	-	-
3 / Handgun Ammo			0.46	67,000	0.031	0.44	27,083	0.012	0.50	48,000	0.024	-	-	-	-	-	-	-	-	-
4 / Rifle Ammo			1.70	11,372,353	19.333	1.56	5,881,176	9.202	1.71	10,094,000	17.293	1.67	8,636,526	14.423	-	-	-	1.67	8,636,526	14.423
5 / Machine-Gun Ammo			2.34	9,544,017	22.333	2.22	4,806,639	10.662	2.46	8,330,000	20.501	2.29	8,800,000	20.144	-	-	-	2.29	8,800,000	20.144
6 / Foreign Ammo			1.16	5,000,000	5.800	1.09	2,483,898	2.698	1.21	4,211,000	5.098	1.14	4,500,000	5.143	-	-	-	1.14	4,500,000	5.143
<b>Subtotal: Small Caliber Bullets</b>			-	-	<b>49.135</b>	-	-	<b>23.666</b>	-	-	<b>44.315</b>	-	-	<b>41.384</b>	-	-	-	-	-	<b>41.384</b>
<b>Demolition, Breaching and Pyrotechnics</b>																				
1 / Grenade Offensive / Smoke (All Types)			232.76	28,939	6.736	210.34	19,592	4.121	278.66	27,000	7.524	277.90	21,845	6.071	-	-	-	277.90	21,845	6.071
2 / Training Devices			200.00	2,245	0.449	212.90	362	0.077	217.20	2,325	0.505	221.51	2,324	0.515	-	-	-	221.51	2,324	0.515
3 / Explosives, Firing Devices, and Accessories			26.80	11,156	0.299	28.30	21,979	0.622	28.80	10,000	0.288	29.30	10,921	0.320	-	-	-	29.30	10,921	0.320
<b>Subtotal: Demolition, Breaching and Pyrotechnics</b>			-	-	<b>7.484</b>	-	-	<b>4.820</b>	-	-	<b>8.317</b>	-	-	<b>6.906</b>	-	-	-	-	-	<b>6.906</b>
<b>Shoulder Fired Munitions and Rockets</b>																				
1 / M72 LAW			-	-	0.000	3,912.82	1,950	7.630	-	-	-	-	-	-	-	-	-	-	-	-
2 / M3 MAAWS			1,747.78	4,500	7.865	1,550.23	5,413	8.391	1,591.07	9,300	14.797	1,702.04	5,719	9.734	-	-	-	1,702.04	5,719	9.734
3 / 2.75" Rockets			-	-	-	1,585.00	10,218	16.196	1,679.67	3,000	5.039	1,727.65	1,700	2.937	-	-	-	1,727.65	1,700	2.937
<b>Subtotal: Shoulder Fired Munitions and Rockets</b>			-	-	<b>7.865</b>	-	-	<b>32.217</b>	-	-	<b>19.836</b>	-	-	<b>12.671</b>	-	-	-	-	-	<b>12.671</b>
<b>Stand-Off Precision Guided Munitions (SOPGM)</b>																				
1 / SOPGM			94,117.13	572	53.835	89,654.97	513	45.993	110,070.42	568	62.520	89,471.91	178	15.926	-	-	-	89,471.91	178	15.926
2 / SOPGM OCO			123,521.74	23	2.841	86,966.87	332	28.873	110,000.00	223	24.530	-	-	-	80,527.61	652	52.504	80,527.61	652	52.504
<b>Subtotal: Stand-Off Precision Guided Munitions (SOPGM)</b>			-	-	<b>56.676</b>	-	-	<b>74.866</b>	-	-	<b>87.050</b>	-	-	<b>15.926</b>	-	-	<b>52.504</b>	-	-	<b>68.430</b>
<b>Total</b>			-	-	<b>163.984</b>	-	-	<b>169.737</b>	-	-	<b>210.033</b>	-	-	<b>105.267</b>	-	-	<b>52.504</b>	-	-	<b>157.771</b>

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command** **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Air Delivered Munitions</b>																				
1 / 105MM			668.63	30,791	20.588	682.00	34,266	23.370	695.64	34,417	23.942	697.64	39,169	27.326						
2 / 105MM - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	513.25	20,982	10.769
3 / 25MM			64.03	46,853	3.000	65.00	67,077	4.360	66.26	67,612	4.480	67.52	68,868	4.650						
4 / 40MM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	255.41	83,481	21.322
5 / 30MM			56.09	71,314	4.000	57.14	42,002	2.400	58.25	92,704	5.400	59.36	92,655	5.500						
<b>Subtotal: Air Delivered Munitions</b>			-	-	<b>27.588</b>	-	-	<b>30.130</b>	-	-	<b>33.822</b>	-	-	<b>37.476</b>						
<b>Small Caliber Bullets</b>																				
1 / 40MM			45.81	9,495	0.435	46.69	9,273	0.433	99.13	38,464	3.813	-	-	-						
2 / Shotgun Ammo			-	-	-	-	-	-	-	-	-	-	-	-						
3 / Handgun Ammo			0.48	500,000	0.238	0.82	712,000	0.583	0.35	200,000	0.069	-	-	-						
4 / Rifle Ammo			1.44	8,566,100	12.309	1.58	8,522,260	13.476	1.68	8,522,260	14.287	1.70	9,124,705	15.513						
5 / Machine-Gun Ammo			2.29	8,700,000	19.951	2.32	8,700,000	20.155	2.32	8,700,000	20.161	2.35	11,551,060	27.145						
6 / Foreign Ammo			1.05	4,500,000	4.718	1.10	4,500,000	4.965	1.29	5,000,000	6.428	1.36	5,240,441	7.126						
<b>Subtotal: Small Caliber Bullets</b>			-	-	<b>37.651</b>	-	-	<b>39.612</b>	-	-	<b>44.758</b>	-	-	<b>49.784</b>						
<b>Demolition, Breaching and Pyrotechnics</b>																				
1 / Grenade Offensive / Smoke (All Types)			261.15	25,858	6.753	310.53	25,842	8.025	312.84	25,875	8.095	315.15	26,492	8.349						
2 / Training Devices			203.44	2,305	0.469	242.15	2,304	0.558	267.96	2,328	0.624	293.77	2,229	0.655						
3 / Explosives, Firing Devices, and Accessories			26.90	10,706	0.288	32.00	10,656	0.341	31.67	12,156	0.385	29.30	9,590	0.281						
<b>Subtotal: Demolition, Breaching and Pyrotechnics</b>			-	-	<b>7.510</b>	-	-	<b>8.924</b>	-	-	<b>9.103</b>	-	-	<b>9.285</b>						
<b>Shoulder Fired Munitions and Rockets</b>																				
1 / M72 LAW			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,912.82	1,950	7.630
2 / M3 MAAWS			1,730.95	6,829	11.821	1,942.03	4,491	8.722	1,973.45	4,437	8.756	2,004.47	4,476	8.972						
3 / 2.75" Rockets			1,525.67	2,208	3.369	1,809.91	1,373	2.485	1,844.67	1,352	2.494	1,884.67	1,356	2.556						
<b>Subtotal: Shoulder Fired Munitions and Rockets</b>			-	-	<b>15.190</b>	-	-	<b>11.207</b>	-	-	<b>11.250</b>	-	-	<b>11.528</b>						
<b>Stand-Off Precision Guided Munitions (SOPGM)</b>																				
1 / SOPGM			89,826.71	277	24.882	89,705.13	390	34.985	89,653.27	398	35.682	89,883.95	405	36.403						
2 / SOPGM OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88,413.01	1,230	108.748
<b>Subtotal: Stand-Off Precision Guided Munitions (SOPGM)</b>			-	-	<b>24.882</b>	-	-	<b>34.985</b>	-	-	<b>35.682</b>	-	-	<b>36.403</b>						
<b>Total</b>			-	-	<b>112.821</b>	-	-	<b>124.858</b>	-	-	<b>134.615</b>	-	-	<b>144.476</b>						

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

**UNCLASSIFIED**

<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 3	<b>P-1 Line Item Number / Title:</b> 0203ORDN / ORDNANCE ITEMS <\$5M	<b>Aggregated Items Title:</b> ORDNANCE ITEMS <\$5M

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 020400INTL / INTELLIGENCE SYSTEMS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 1160405BB	<b>Other Related Program Elements:</b> 1160405BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,339.614	86.837	93.009	79.963	22.000	101.963	82.054	73.445	82.989	92.509	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,339.614	86.837	93.009	79.963	22.000	101.963	82.054	73.445	82.989	92.509	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,339.614</b>	<b>86.837</b>	<b>93.009</b>	<b>79.963</b>	<b>22.000</b>	<b>101.963</b>	<b>82.054</b>	<b>73.445</b>	<b>82.989</b>	<b>92.509</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	19.274	2.346	1.924	1.847	-	1.847	1.785	1.345	1.372	1.399	Continuing	Continuing
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, development, and testing 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); Medium Altitude Intelligence Surveillance and Reconnaissance (ISR); Special Operations Command, Research, Analysis and Threat Evaluation System (SOCRATES); Sensitive Site Exploitation (SSE), Integrated Survey Program (ISP); and Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOPREP).

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).

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 020400INTL / INTELLIGENCE SYSTEMS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 1160405BB	<b>Other Related Program Elements:</b> 1160405BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Intelligence Systems			- / 1,339.614	- / 86.837	- / 93.009	- / 79.963	- / 22.000	- / 101.963
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 1,339.614</b>	<b>- / 86.837</b>	<b>- / 93.009</b>	<b>- / 79.963</b>	<b>- / 22.000</b>	<b>- / 101.963</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Intelligence Systems			- / 82.054	- / 73.445	- / 82.989	- / 92.509	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 82.054</b>	<b>- / 73.445</b>	<b>- / 82.989</b>	<b>- / 92.509</b>	<b>Continuing</b>	<b>Continuing</b>

\*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:**  
OPERATIONAL ELEMENT (TEAM)

1. JTWS. This program is an evolutionary acquisition program effort. JTWS System of Systems (SoS) is principally a Signals Intelligence (SIGINT) system; however, it can be used under Electronic Warfare and/or Cyber authorities if required. The JTWS SoS enables the SOF Cryptologic Operator (SCO) to collect, process, locate and exploit threat communications signals of interest in order to provide timely, relevant, and responsive intelligence, cross-cueing, and threat avoidance information directly to the SOF Commanders. The JTWS SoS is assembled in four variants (level 1): Ground SIGINT Kit (GSK) variant, Maritime variant, Air variant (AVS) and Unmanned Air System (UAS) variant. Each kit is further subdivided into a functional layer: (level 2): Communications Intelligence, Electronic Intelligence, and Precision Geo-location (PGL) kits and an implementation layer (level 3) designed around the SCO mission environment and SOF platform specific requirements. The contracting strategy uses a mixture of IDIQ for COTS procurement contracts and new development only when necessary.

FY 2017 PROGRAM JUSTIFICATION: Funds the capital equipment replacement program (CERP) of 16 GSK kit variants, CERP of 7 AVS variants, CERP of Team Transportable variant equipment, 4 PGL ground system kits, CERP of 5 PGL ground systems kits, 4 PGL Air kits, 3 Unmanned Aerial Collection Systems, 3 Maritime variants, initial training and spares.

2. TVS/RSTA. This program provides SOF with critical Special Reconnaissance 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. Tactical Video System (TVS)/Reconnaissance, Surveillance, and Targeting Acquisition (RSTA) provides Global 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 Evolving Technology Insertion (ETI), supplemented with commodity procurement. The technology insertion modifications enhance the performance of specific kits; these ETI modifications vary in both cost and quantity. The program 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); and, Unattended Ground Sensors/Unattended Maritime Sensors (UGS/UMS). There is a single baseline TVS kit.

FY 2017 PROGRAM JUSTIFICATION: Procures 80 Reconnaissance, Surveillance, and Target Acquisition (RSTA) Kits (35 Sensor Kits & 45 Tactical Reconnaissance Kits).

3. TACLAN. This program provides a tactical Command, Control, Communications, Computers and Intelligence Surveillance and Reconnaissance (C4ISR) architecture directly supporting SOF operational commanders and forward deployed forces global mission. It provides a standard, interoperable, automated, network-centric infrastructure that interconnects deployed SOF elements, from smallest team to a

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 020400INTL / INTELLIGENCE SYSTEMS
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 1160405BB	<b>Other Related Program Elements:</b> 1160405BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>Joint Special Operations Task Force headquarters. The program consists of Full Suites, Command and Control (C2) suites, Mission Planning Kits (MPKs), and Field Computing Devices (FCDs). Each suite consists of modular integrated network components consisting of: 60 general use laptops, 10 intelligence laptops, commercial servers, routers, and hubs that can operate at user selectable classification levels (unclassified, collateral, coalition or sensitive compartmented information networks). An MPK consists of laptop computers and ancillary equipment used by SOF teams for detailed mission planning. FCDs are small hand-held computing devices used by the most forward deployed SOF to automatically interface with the suite via tactical communications.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures CERP of nine TACLAN suites and 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 the SOF warfighter to find, fix, and finish terrorist networks through the emplacement of sophisticated tags and devices that feed into an integrated architecture. 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 and Theater Special Operations Command (TSOC) based upon dynamic and emergent SOF operational requirements. This program received Overseas Contingency Operations funding in FY 2015.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 16 mission sets.</p> <p>5. Medium Altitude ISR. This is a new start. This program procures Medium Altitude Manned ISR Aircraft to meet critical ISR needs in support of Overseas Contingency Operations (OCO).</p> <p>FY 2017 OCO PROGRAM JUSTIFICATION: Procures two mission-ready Medium Altitude Manned ISR Aircraft and four Sensors.</p> <p>ABOVE OPERATIONAL ELEMENT (GARRISON)</p> <p>6. 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, as well as 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 component commands, TSOC and forward based SOF units. SOCRATES is composed of state-of-the-art networking devices (firewalls, routers, switches, hubs, and modems), servers, storage devices, workstations, associated peripherals and government-off-the-shelf /commercial-off-the-shelf software.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures evolutionary technology insertions.</p> <p>7. SSE. This program provides the capability to exploit personnel, documents, electronic data, material, and forensic evidence on sensitive sites/objectives. Biometrics allows 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 DNA collection. Exploitation Analysis Centers (EACs) provide theater-level forensic laboratory capabilities for more in-depth exploitation of captured evidence.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 220 forensic exploitation kits and 2 Forensic Exploitation Analysis Center equipment.</p> <p>8. ISP. This program collects and produces current, detailed, tactical planning data to support military operations to counter threats against US citizens, interests, and property located both domestic and overseas. ISP products are specifically tailored packages that provide operational information as well as intelligence data for use by DOD and the U.S. Department of State to support operational planners for counter-terrorism operations, evacuations, and other rescue missions.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures evolutionary technology insertions.</p>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 020400INTL / INTELLIGENCE SYSTEMS
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 1160405BB	<b>Other Related Program Elements:</b> 1160405BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	

9. SOFPREP. This program serves as the intelligence focal point for production of SOF enhanced Geospatial Intelligence (GEOINT) (maps, imagery, and terrain data) and 3D scene visualization database. 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 facilitates access to authoritative source data to enable the rapid discovery, retrieval, and reuse of GEOINT data across SOF mission planning, operations, intelligence and modeling and simulation. SOFPREP is a NGA-certified co-producer in support of time-sensitive SOF-specific requirements.

FY 2017 PROGRAM JUSTIFICATION: Procures evolutionary technology insertions.



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command																Date: February 2016				
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1. Joint Threat Warning System</b>																				
1 / Ground SIGINT Kit (GSK) Variant - Capital Equipment Replacement Program (CERP)			0.469	125	58.624	0.507	22	11.144	0.659	17	11.201	0.652	16	10.426	-	-	-	0.652	16	10.426
2 / GSK - Initial Training			-	-	0.791	-	-	0.110	-	-	0.112	-	-	0.115	-	-	-	-	-	0.115
3 / GSK Spares			-	-	7.369	-	-	1.092	-	-	0.656	-	-	0.551	-	-	-	-	-	0.551
4 / Air Variant (AVS) - CERP			0.546	44	24.002	0.677	6	4.062	0.587	7	4.106	0.600	7	4.197	-	-	-	0.600	7	4.197
5 / AVS - Initial Training			-	-	0.226	-	-	0.047	-	-	0.048	-	-	0.049	-	-	-	-	-	0.049
6 / AVS Spares			-	-	2.480	-	-	0.509	-	-	0.514	-	-	0.526	-	-	-	-	-	0.526
7 / Team Transportable Variant (TTV) (GSK - Static)			0.852	7	5.963	1.000	2	2.000	-	-	-	-	-	-	-	-	-	-	-	-
8 / TTV - CERP			-	-	-	-	-	0.010	-	-	0.010	-	-	0.010	-	-	-	-	-	0.010
9 / TTV - Initial Training			-	-	0.335	-	-	0.036	-	-	0.038	-	-	0.039	-	-	-	-	-	0.039
10 / TTV Spares			-	-	10.371	-	-	0.410	-	-	0.415	-	-	0.049	-	-	-	-	-	0.049
11 / Precision Geo Location (PGL) Ground Kits			1.137	31	35.243	-	-	-	2.200	2	4.400	2.219	4	8.875	-	-	-	2.219	4	8.875
12 / PGL Ground - CERP			1.096	24	26.305	1.088	8	8.707	2.014	8	16.115	1.976	5	9.882	-	-	-	1.976	5	9.882
13 / PGL Ground - Initial Training			-	-	1.327	-	-	0.036	-	-	0.036	-	-	0.038	-	-	-	-	-	0.038
14 / PGL Spares			-	-	4.298	-	-	0.335	-	-	0.339	-	-	0.346	-	-	-	-	-	0.346
15 / PGL Air			0.506	4	2.025	-	-	-	0.325	4	1.300	0.325	4	1.300	-	-	-	0.325	4	1.300
16 / PGL Air Integration			-	-	-	1.300	1	1.300	-	-	-	-	-	-	-	-	-	-	-	-
17 / Unmanned Aerial Collection Systems			-	-	0.798	0.077	3	0.231	0.079	3	0.236	0.081	3	0.243	-	-	-	0.081	3	0.243
18a / Maritime Variant - Low Rate Initial Production (LRIP)			-	-	-	-	-	-	1.986	3	5.957	-	-	-	-	-	-	-	-	-
18b / Maritime Variant			-	-	-	-	-	-	-	-	-	2.011	3	6.034	-	-	-	2.011	3	6.034
19 / Prior Year Funding Overseas Contingency Operations (OCO)			-	-	20.888	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 1. Joint Threat Warning System</b>			-	-	<b>201.045</b>	-	-	<b>30.029</b>	-	-	<b>45.483</b>	-	-	<b>42.680</b>	-	-	-	-	-	<b>42.680</b>

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command																Date: February 2016				
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>2. Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)</b>																				
1 / RSTA Sensor Kit			-	-	-	0.068	48	3.264	0.069	45	3.103	0.031	35	1.085	-	-	-	0.031	35	1.085
2 / RSTA Tactical Reconnaissance (RECCE) Kit			-	-	-	-	-	-	-	-	-	0.059	45	2.655	-	-	-	0.059	45	2.655
3 / RSTA Remote Observation Post (ROP)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 / RSTA Unattended Ground Sensors/ Unattended Maritime Sensors (UGS/UMS)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 / RSTA Mission Kits (Prior Years)			0.039	186	7.279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 / Tactical Video System (TVS) Kits			0.024	193	4.606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 / Evolutionary Technology Insertion			-	-	-	-	-	-	-	-	-	-	-	0.375	-	-	-	-	-	0.375
8 / Prior Year Funding			-	-	12.962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 / Prior Year Funding (OCO)			-	-	61.812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 2. Tactical Video System/ Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)</b>			-	-	<b>86.659</b>	-	-	<b>3.264</b>	-	-	<b>3.103</b>	-	-	<b>4.115</b>	-	-	-	-	-	<b>4.115</b>
<b>3. Tactical Area Local Network</b>																				
1 / PME - Suites - Block II CERP			0.137	125	17.100	0.075	24	1.802	0.095	18	1.710	0.115	9	1.035	-	-	-	0.115	9	1.035
2 / Ancillary Equipment			-	-	-	-	-	-	-	-	0.827	-	-	1.309	-	-	-	-	-	1.309
3 / Prior Year Funding			-	-	8.927	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 3. Tactical Area Local Network</b>			-	-	<b>26.027</b>	-	-	<b>1.802</b>	-	-	<b>2.537</b>	-	-	<b>2.344</b>	-	-	-	-	-	<b>2.344</b>
<b>4. Hostile Forces Tagging, Tracking, and Locating</b>																				
1 / Mission Sets			1.387	125	173.411	1.287	21	27.022	1.235	20	24.693	1.199	16	19.179	-	-	-	1.199	16	19.179
2 / OCO - Active Sentinel			-	-	66.917	-	-	7.949	-	-	-	-	-	-	-	-	-	-	-	-
3 / Prior Year Funding - OCO			-	-	38.753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 4. Hostile Forces Tagging, Tracking, and Locating</b>			-	-	<b>279.081</b>	-	-	<b>34.971</b>	-	-	<b>24.693</b>	-	-	<b>19.179</b>	-	-	-	-	-	<b>19.179</b>
<b>5. Medium Altitude Intelligence Surveillance and Reconnaissance (ISR)</b>																				
1 / Aircraft (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	7.000	2	14.000	7.000	2	14.000
2 / Sensors (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	2.000	4	8.000	2.000	4	8.000

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command																Date: February 2016				
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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Subtotal: 5. Medium Altitude Intelligence Surveillance and Reconnaissance (ISR)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	22.000	-	-	22.000	
<b>6. Special Operations Command Research, Analysis and Threat Evaluation System (SOCRATES)</b>																				
1 / Evolutionary Technology Insertions			-	-	41.598	-	-	4.158	-	-	5.678	-	-	8.272	-	-	-	-	-	8.272
2 / Storage Infrastructure			-	-	2.116	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	-
3 / Storage Infrastructure - CERP			-	-	3.678	-	-	2.377	-	-	-	-	-	-	-	-	-	-	-	-
4 / Prior Year Funding			-	-	6.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 6. Special Operations Command Research, Analysis and Threat Evaluation System (SOCRATES)</b>			-	-	53.660	-	-	6.571	-	-	5.678	-	-	8.272	-	-	-	-	-	8.272
<b>7. Sensitive Site Exploitation (SSE)</b>																				
1 / Biometric Kits CERP			-	-	-	0.015	400	5.946	0.009	664	5.837	-	-	-	-	-	-	-	-	-
2 / Forensic Exploitation Kits			0.039	357	13.881	0.038	12	0.459	-	-	-	-	-	-	-	-	-	-	-	-
3 / Forensic Exploitation Kits CERP			-	-	-	0.035	108	3.795	0.037	110	4.090	0.009	220	1.980	-	-	-	0.009	220	1.980
4 / Forensic Exploitation Analysis Center Equipment			-	-	-	-	-	-	-	-	-	0.300	2	0.600	-	-	-	0.300	2	0.600
5 / Prior Year Funding - OCO			-	-	0.690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 / Prior Year Funding - Base			-	-	12.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 7. Sensitive Site Exploitation (SSE)</b>			-	-	26.575	-	-	10.200	-	-	9.927	-	-	2.580	-	-	-	-	-	2.580
<b>8. Integrated Survey Program (ISP)</b>																				
1 / Evolutionary Technology Insertions			-	-	-	-	-	-	-	-	1.338	-	-	0.267	-	-	-	-	-	0.267
<b>Subtotal: 8. Integrated Survey Program (ISP)</b>			-	-	-	-	-	-	-	-	1.338	-	-	0.267	-	-	-	-	-	0.267
<b>9. Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOFPREP)</b>																				
1 / Evolutionary Technology Insertions			-	-	-	-	-	-	-	-	0.250	-	-	0.526	-	-	-	-	-	0.526
<b>Subtotal: 9. Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOFPREP)</b>			-	-	-	-	-	-	-	-	0.250	-	-	0.526	-	-	-	-	-	0.526
<b>10. Prior Year</b>																				

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 / Prior Year Funding			-	-	549.154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 / Prior Year Funding - OCO			-	-	117.413	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 10. Prior Year</b>			-	-	<b>666.567</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>1,339.614</b>	-	-	<b>86.837</b>	-	-	<b>93.009</b>	-	-	<b>79.963</b>	-	-	<b>22.000</b>	-	-	<b>101.963</b>

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)

<b>1. Joint Threat Warning System</b>																				
1 / Ground SIGINT Kit (GSK) Variant - Capital Equipment Replacement Program (CERP)			0.723	18	13.013	0.760	13	9.875	0.789	17	13.412	0.808	21	16.973						Continuing
2 / GSK - Initial Training			-	-	0.117	-	-	0.119	-	-	0.121	-	-	0.123						Continuing
3 / GSK Spares			-	-	0.463	-	-	-	-	-	-	-	-	-						Continuing
4 / Air Variant (AVS) - CERP			0.612	7	4.285	0.654	5	3.270	0.635	7	4.447	0.703	8	5.626						Continuing
5 / AVS - Initial Training			-	-	0.050	-	-	0.051	-	-	0.052	-	-	0.053						Continuing
6 / AVS Spares			-	-	0.536	-	-	0.545	-	-	0.556	-	-	0.567						Continuing
7 / Team Transportable Variant (TTV) (GSK - Static)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.885	9	7.963
8 / TTV - CERP			2.474	1	2.474	0.982	1	0.982	1.335	1	1.335	1.689	1	1.689						Continuing
9 / TTV - Initial Training			-	-	0.040	-	-	0.041	-	-	0.042	-	-	0.043						Continuing
10 / TTV Spares			-	-	0.033	-	-	0.090	-	-	0.059	-	-	0.018						Continuing
11 / Precision Geo Location (PGL) Ground Kits			2.200	1	2.200	2.202	1	2.202	-	-	-	-	-	-						Continuing
12 / PGL Ground - CERP			2.052	7	14.367	2.020	5	10.099	2.036	7	14.255	2.239	8	17.908						Continuing
13 / PGL Ground - Initial Training			-	-	0.039	-	-	0.039	-	-	0.040	-	-	0.041						Continuing
14 / PGL Spares			-	-	0.353	-	-	0.359	-	-	0.366	-	-	0.373						Continuing
15 / PGL Air			0.325	4	1.300	0.325	4	1.300	0.332	4	1.326	0.338	4	1.353						Continuing
16 / PGL Air Integration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.300	1	1.300
17 / Unmanned Aerial Collection Systems			0.083	3	0.248	0.084	3	0.252	0.086	3	0.257	0.087	3	0.262						Continuing

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:										Aggregated Items Title:					
0300D / 02 / 4					020400INTL / INTELLIGENCE SYSTEMS										Intelligence Systems					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
18a / Maritime Variant - Low Rate Initial Production (LRIP)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.986	3	5.957	
18b / Maritime Variant			2.034	3	6.102	2.069	3	6.208	2.111	3	6.332	2.153	3	6.459	Continuing			Continuing		
19 / Prior Year Funding Overseas Contingency Operations (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.888	
<b>Subtotal: 1. Joint Threat Warning System</b>			-	-	45.620	-	-	35.432	-	-	42.600	-	-	51.488	Continuing			Continuing		
<b>2. Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)</b>																				
1 / RSTA Sensor Kit			0.036	30	1.080	0.037	38	1.406	0.038	10	0.380	0.039	21	0.819	Continuing			Continuing		
2 / RSTA Tactical Reconnaissance (RECCE) Kit			-	-	-	-	-	-	0.063	10	0.630	-	-	-	Continuing			Continuing		
3 / RSTA Remote Observation Post (ROP)			-	-	-	0.107	11	1.177	-	-	-	-	-	-	Continuing			Continuing		
4 / RSTA Unattended Ground Sensors/ Unattended Maritime Sensors (UGS/UMS)			0.128	9	1.152	0.131	7	0.917	0.134	19	2.546	0.137	21	2.877	Continuing			Continuing		
5 / RSTA Mission Kits (Prior Years)			-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
6 / Tactical Video System (TVS) Kits			0.033	40	1.320	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
7 / Evolutionary Technology Insertion			-	-	0.211	-	-	0.379	-	-	0.457	-	-	0.440	Continuing			Continuing		
8 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.962	
9 / Prior Year Funding (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61.812	
<b>Subtotal: 2. Tactical Video System/ Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA)</b>			-	-	3.763	-	-	3.879	-	-	4.013	-	-	4.136	Continuing			Continuing		
<b>3. Tactical Area Local Network</b>																				
1 / PME - Suites - Block II CERP			0.120	16	1.920	0.129	15	1.935	0.136	14	1.904	0.141	16	2.256	Continuing			Continuing		
2 / Ancillary Equipment			-	-	1.003	-	-	0.821	-	-	0.601	-	-	0.298	Continuing			Continuing		
3 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.927	
<b>Subtotal: 3. Tactical Area Local Network</b>			-	-	2.923	-	-	2.756	-	-	2.505	-	-	2.554	Continuing			Continuing		
<b>4. Hostile Forces Tagging, Tracking, and Locating</b>																				
1 / Mission Sets			1.217	16	19.465	1.245	16	19.913	1.271	16	20.342	1.293	16	20.689	Continuing			Continuing		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / OCO - Active Sentinel			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74.866
3 / Prior Year Funding - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.753
<b>Subtotal: 4. Hostile Forces Tagging, Tracking, and Locating</b>			-	-	<b>19.465</b>	-	-	<b>19.913</b>	-	-	<b>20.342</b>	-	-	<b>20.689</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>5. Medium Altitude Intelligence Surveillance and Reconnaissance (ISR)</b>																				
1 / Aircraft (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.000	2	14.000
2 / Sensors (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.000	4	8.000
<b>Subtotal: 5. Medium Altitude Intelligence Surveillance and Reconnaissance (ISR)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>22.000</b>
<b>6. Special Operations Command Research, Analysis and Threat Evaluation System (SOCRATES)</b>																				
1 / Evolutionary Technology Insertions			-	-	6.670	-	-	7.833	-	-	9.743	-	-	9.936	Continuing			Continuing		
2 / Storage Infrastructure			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.152
3 / Storage Infrastructure - CERP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.055
4 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.268
<b>Subtotal: 6. Special Operations Command Research, Analysis and Threat Evaluation System (SOCRATES)</b>			-	-	<b>6.670</b>	-	-	<b>7.833</b>	-	-	<b>9.743</b>	-	-	<b>9.936</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>7. Sensitive Site Exploitation (SSE)</b>																				
1 / Biometric Kits CERP			-	-	-	0.011	174	1.921	0.012	171	2.061	-	-	-	Continuing			Continuing		
2 / Forensic Exploitation Kits			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.039	369	14.340	
3 / Forensic Exploitation Kits CERP			0.009	245	2.212	0.009	-	-	0.010	-	-	0.010	198	1.989	Continuing			Continuing		
4 / Forensic Exploitation Analysis Center Equipment			0.300	2	0.600	0.300	2	0.600	0.300	2	0.600	0.300	2	0.600	-	-	-	0.300	10	3.000
5 / Prior Year Funding - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.690
6 / Prior Year Funding - Base			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.004
<b>Subtotal: 7. Sensitive Site Exploitation (SSE)</b>			-	-	<b>2.812</b>	-	-	<b>2.521</b>	-	-	<b>2.661</b>	-	-	<b>2.589</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>8. Integrated Survey Program (ISP)</b>																				
1 / Evolutionary Technology Insertions			-	-	0.273	-	-	0.278	-	-	0.284	-	-	0.290	Continuing			Continuing		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command														Date: February 2016						
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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Subtotal: 8. Integrated Survey Program (ISP)</b>			-	-	0.273	-	-	0.278	-	-	0.284	-	-	0.290	Continuing			Continuing		
<b>9. Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOFPREP)</b>																				
1 / Evolutionary Technology Insertions			-	-	0.528	-	-	0.833	-	-	0.841	-	-	0.827	Continuing			Continuing		
<b>Subtotal: 9. Special Operations Forces Planning, Rehearsal, and Execution Preparation (SOFPREP)</b>			-	-	0.528	-	-	0.833	-	-	0.841	-	-	0.827	Continuing			Continuing		
<b>10. Prior Year</b>																				
1 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	549.154
2 / Prior Year Funding - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117.413
<b>Subtotal: 10. Prior Year</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	666.567
<b>Total</b>			-	-	82.054	-	-	73.445	-	-	82.989	-	-	92.509	Continuing			Continuing		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 020401INTL / DISTRIBUTED COMMON GROUND/SURFACE SYSTEM
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0305208BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	53.224	17.323	14.964	13.432	-	13.432	11.529	13.461	14.011	12.435	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	53.224	17.323	14.964	13.432	-	13.432	11.529	13.461	14.011	12.435	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>53.224</b>	<b>17.323</b>	<b>14.964</b>	<b>13.432</b>	<b>-</b>	<b>13.432</b>	<b>11.529</b>	<b>13.461</b>	<b>14.011</b>	<b>12.435</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 Intelligence, Surveillance, and Reconnaissance Processing, Exploitation, Dissemination (PED), and analytical capabilities at the Joint Task Force level and below through a combination of reach back, forward support, and collaboration. The mission tailored infrastructure interconnects the warfighter 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 with the essential intelligence information and provides situation awareness information to the SOF leadership at all echelons. The four components of DCGS-SOF include the following: The Enterprise provides infrastructure and processing capability to allow for worldwide SOF intelligence information sharing. Full Motion Video (FMV) PED provides PED capabilities in garrison and deployable environments of manned and unmanned sensors. SILENT DAGGER provides Signals Intelligence exploitation capability in both garrison and deployed environments. The All Source Information Fusion will provide the intelligence analytical tools via a global and disconnected architecture. The FY 2017 funding request was reduced by \$2.323 million to account for the availability of prior year execution balances.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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 - Distributed Common Ground/Surface System / Distributed Common Ground/Surface System			- / 53.224	- / 17.323	- / 14.964	- / 13.432	- / -	- / 13.432
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 53.224</b>	<b>- / 17.323</b>	<b>- / 14.964</b>	<b>- / 13.432</b>	<b>- / -</b>	<b>- / 13.432</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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 - Distributed Common Ground/Surface System / Distributed Common Ground/Surface System			- / 11.529	- / 13.461	- / 14.011	- / 12.435	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 11.529</b>	<b>- / 13.461</b>	<b>- / 14.011</b>	<b>- / 12.435</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 2017 PROGRAM JUSTIFICATION: Capital Equipment Replacement (CERP) of six SILENT DAGGER Communication kits, various DCGS Enterprise Infrastructure upgrades and CERP, Advanced Analytics software, new equipment training, the CERP of three Deployable PED systems, and the CERP of Garrison PED Infrastructure.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command															<b>Date:</b> February 2016				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 4					<b>P-1 Line Item Number / Title:</b> 020401INTL / DISTRIBUTED COMMON GROUND/SURFACE SYSTEM										<b>Aggregated Items Title:</b> Distributed Common Ground/Surface System				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Distributed Common Ground/Surface System</b>																				
1 / SILENT DAGGER Communication Kit			0.237	6	1.422	0.260	6	1.560	0.384	1	0.384	-	-	-	-	-	-	-	-	-
2 / SILENT DAGGER Communication Kit CERP			0.411	4	1.644	0.275	5	1.373	0.316	6	1.897	0.377	6	2.260	-	-	-	0.377	6	2.260
3 / DCGS-SOF Enterprise Infrastructure Upgrades			-	-	7.850	-	-	0.672	-	-	2.401	-	-	0.929	-	-	-	-	-	0.929
4 / DCGS-SOF Enterprise Infrastructure CERP			-	-	-	-	-	2.047	-	-	0.278	-	-	2.544	-	-	-	-	-	2.544
5 / DCGS-SOF Advanced Analytics			-	-	-	-	-	-	-	-	4.000	-	-	3.090	-	-	-	-	-	3.090
6 / New Equipment Training			-	-	0.101	-	-	0.235	-	-	0.035	-	-	0.259	-	-	-	-	-	0.259
7 / Deployable Processing Exploitation and Dissemination (PED)			-	-	-	1.211	1	1.211	-	-	-	-	-	-	-	-	-	-	-	-
8 / Deployable PED CERP			-	-	-	1.053	3	3.159	0.637	5	3.185	0.419	3	1.256	-	-	-	0.419	3	1.256
9 / Garrison PED infrastructure CERP			-	-	-	1.009	7	7.066	2.784	1	2.784	-	-	3.094	-	-	-	-	-	3.094
10 / Prior Year Funding (OCO)			-	-	42.207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Distributed Common Ground/Surface System</b>			-	-	<b>53.224</b>	-	-	<b>17.323</b>	-	-	<b>14.964</b>	-	-	<b>13.432</b>	-	-	-	-	-	<b>13.432</b>
<b>Total</b>			-	-	<b>53.224</b>	-	-	<b>17.323</b>	-	-	<b>14.964</b>	-	-	<b>13.432</b>	-	-	-	-	-	<b>13.432</b>

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Distributed Common Ground/Surface System</b>																				
1 / SILENT DAGGER Communication Kit			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.259	13	3.366
2 / SILENT DAGGER Communication Kit CERP			0.408	8	3.267	0.497	8	3.975	0.525	8	4.202	0.528	8	4.226	Continuing			Continuing		
3 / DCGS-SOF Enterprise Infrastructure Upgrades			-	-	0.923	-	-	2.039	-	-	2.765	-	-	1.939	Continuing			Continuing		

LI 020401INTL - DISTRIBUTED COMMON GROUND/SURFACE SYSTEM

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 4	<b>P-1 Line Item Number / Title:</b> 020401INTL / DISTRIBUTED COMMON GROUND/SURFACE SYSTEM	<b>Aggregated Items Title:</b> Distributed Common Ground/Surface System
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
4 / DCGS-SOF Enterprise Infrastructure CERP			-	-	2.601	-	-	2.640	-	-	2.693	-	-	2.747	Continuing			Continuing		
5 / DCGS-SOF Advanced Analytics			-	-	1.511	-	-	1.287	-	-	0.816	-	-	0.832	Continuing			Continuing		
6 / New Equipment Training			-	-	0.037	-	-	0.038	-	-	0.039	-	-	0.040	Continuing			Continuing		
7 / Deployable Processing Exploitation and Dissemination (PED)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.211	-	1	1.211
8 / Deployable PED CERP			0.488	1	0.488	-	-	0.326	-	-	-	-	-	-	Continuing			Continuing		
9 / Garrison PED infrastructure CERP			-	-	2.702	-	-	3.156	-	-	3.496	-	-	2.651	Continuing			Continuing		
10 / Prior Year Funding (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.207
<b>Subtotal: Distributed Common Ground/Surface System</b>			-	-	<b>11.529</b>	-	-	<b>13.461</b>	-	-	<b>14.011</b>	-	-	<b>12.435</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>Total</b>			-	-	<b>11.529</b>	-	-	<b>13.461</b>	-	-	<b>14.011</b>	-	-	<b>12.435</b>	<b>Continuing</b>			<b>Continuing</b>		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 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	Item MDAP/MAIS Code(s): N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	71.885	103.833	79.149	66.436	11.580	78.016	56.623	70.531	67.097	88.709	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	71.885	103.833	79.149	66.436	11.580	78.016	56.623	70.531	67.097	88.709	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>71.885</b>	<b>103.833</b>	<b>79.149</b>	<b>66.436</b>	<b>11.580</b>	<b>78.016</b>	<b>56.623</b>	<b>70.531</b>	<b>67.097</b>	<b>88.709</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	0.305	0.778	0.718	0.610	-	0.610	0.622	-	-	-	-	3.033
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 and associated costs of specialized equipment in the areas of Aircraft Support, Military Construction (MILCON) Collateral Equipment, Command, Control, Communications, and Computer (C4), Tactical Local Area Network (TACLAN), SOF automation systems, Special Access Program Network (SAPNET), Joint Operational Stocks (JOS), SOF Peculiar Weapons and Equipment Sustainment, Range Support Equipment, Civil Information (CI), and Military Information Systems Operations (MISO) Broadcast Product Distribution Systems (PDS), and Long Range Broadcast Systems (LRBS). MISO program provides for the acquisition of MISO equipment to meet emergent requirements of operational forces.

Beginning in FY 2015, the MISO Broadcast is split into individual programs. MISO are planned operations to convey selected information and indicators to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately, the behavior of foreign governments, organizations, groups, and individuals. The purpose of MISO is to induce or reinforce foreign or hostile attitudes and behavior favorable to U.S. national objectives. New and emerging national, regional, and ethnic power groupings and religious fanaticism have increased threats of terrorism, insurgency, instability, and subversion. Successful MISO can lower the morale and reduce the efficiency of enemy forces and create dissidence and disaffection within their ranks.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 71.885	- / 103.833	- / 79.149	- / 66.436	- / 11.580	- / 78.016
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 71.885</b>	<b>- / 103.833</b>	<b>- / 79.149</b>	<b>- / 66.436</b>	<b>- / 11.580</b>	<b>- / 78.016</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 56.623	- / 70.531	- / 67.097	- / 88.709	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 56.623</b>	<b>- / 70.531</b>	<b>- / 67.097</b>	<b>- / 88.709</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 required to support Special Operations Forces (SOF) fixed wing aircraft. Special Operations Wing (SOW) Support Equipment: Procures SOF-peculiar aircraft support equipment to satisfy SOF warfighting requirements identified by Air Force Special Operations Command flying squadrons. Supports small equipment upgrades as required. The temporary shelters and ancillary equipment provides a temporary maintenance workspace for the Army fixed wing aircraft supporting limited free fall operations at Yuma Proving Grounds, Arizona. This procures fabric hangars, fabric sunshades and ancillary equipment. No associated RDT&E funds.

FY 2017 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 RDT&E funds. This program received Overseas Contingency Operations (OCO) funding in FY 2015.

FY 2017 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.

FY 2017 OVERSEAS CONTINGENCY OPERATIONS JUSTIFICATION: Procures IT equipment and security equipment to support the new Joint Operations Center, Task Force Compound, Camp Lemonier, Djibouti (P688) in support of Africa Command (AFRICOM) and Central Command (CENTCOM).

3. C4 Automation Systems. 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 tactically deployed local area networks/wide area networks. This program is composed of state-of-the-art automated systems (firewalls, routers, switches, hubs, and modems), servers, storage devices, workstations and associated peripherals supporting a myriad of SOF user requirements, and uses a variety of off-the-shelf software and databases to ensure interoperability between SOF units. The FY 2017 funding request was reduced by \$1.575 million to account for the availability of prior year execution balances.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 0204OTHER / OTHER ITEMS <\$5M
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB, 1160402BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>FY 2017 PROGRAM JUSTIFICATION: Continues to acquire next generation automation systems and emerging technologies to provide new capabilities and dramatic improvements to the SOF information environment. Projects emerging technologies to include data storage virtualization, cross domain services and collapse of duplicative network segregated by security domain. Continues implementation of dual distributed datacenters that support the consolidation of Headquarters, USSOCOM and Component Command's information technology (IT) infrastructure, and evolutionary technology insertion.</p> <p>4. TACLAN Automation Systems. Provides SOF operational commanders and forward deployed forces advanced automated data processing and display capabilities to support situational awareness, mission planning and execution, and C2 of forces. The program consists of suites, mission planning kits (MPK) and field computing devices (FCD). Each suite consists of 3 easily transportable integrated networks; 60 general use laptops; and 10 intelligence laptops. MPKs consist of four general use laptops and ancillary equipment used for SOF teams for detailed mission planning support. FCDs are small hand-held computing devices used by the most forward deployed SOF teams to automatically interface with the suite via tactical communications. Full Motion Video Distribution Hub-Light (FMV VDH-L) consists of enhanced encoders/decoders for ingestion high definition video into the SOF information environment.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures Capital Equipment Replacement Program (CERP) for nine TACLAN suites, 111 FCDs, integration, and ancillary equipment.</p> <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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures evolutionary technical insertions (ETIs). SAPNET integrates advanced technologies and gains efficiencies through collapsing infrastructure while still supporting user growth and mission readiness.</p> <p>6. 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. JOS received FY 2015 OCO retrograde funding. No associated RDT&amp;E funds.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures Military Liaison Element equipment and CERP of various equipment items.</p> <p>7. SOF-Peculiar Weapons and Equipment Sustainment. Provides life cycle replacement of current Naval Special Warfare unique weapons and equipment. No associated RDT&amp;E funds.</p> <p>8. Range Support Equipment. Provides ancillary equipment such as target systems, armories, and modular range systems for the modernization and tactical training expansion of SOF ranges to increase SOF operator proficiency and accuracy during real world mission execution. No associated RDT&amp;E funds.</p> <p>9. CI. The CI Management Data Processing System (CIMDPS) is an automation system that assists active Civil Affairs and others engaged in civil-military operations to collect, process, analyze, maintain, mine, and deliver CI and analysis products in support of military operations.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 144 CIMDPS systems.</p> <p>10. PDS. The PDS provides the satellite communications transport path for the worldwide MISO architecture. PDS consists of four variants that are used at different levels of command from the Media Operations Complex to the Tactical MISO Teams in order to link MISO planners with review/approval authorities, production facilities, and dissemination elements. PDS distributes products to the Flyaway Broadcast System.</p> <p>11. LRBS. The LRBS is a modular MISO broadcast asset capable of providing AM, FM, TV UHF/VHF, and cellular MISO broadcasts to foreign target audiences in permissive, semi-permissive, and denied environments with broadcast system integrated into long-loiter Unmanned Aerial Vehicle (UAV).</p>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 0204OTHER / OTHER ITEMS <\$5M
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB, 1160402BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	

FY 2017 PROGRAM JUSTIFICATION: Procures 2 LRBS Low Rate Initial Production (LRIP) systems.

12. Intrusion Detection Systems (IDS): Procures IDS for existing SOF Facilities.



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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1. Aircraft Support</b>																				
1 / SOF Unique Support Equipment			-	-	-	-	-	0.890	-	-	-	-	-	-	-	-	-	-	-	-
2 / Aircraft Modification Spares and Repair Parts - Air Force Stock Fund			-	-	0.430	-	-	0.778	-	-	0.718	-	-	0.605	-	-	-	-	-	0.605
3 / Temporary Shelters and Sunshade			-	-	2.434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 1. Aircraft Support</b>			-	-	<b>2.864</b>	-	-	<b>1.668</b>	-	-	<b>0.718</b>	-	-	<b>0.605</b>	-	-	-	-	-	<b>0.605</b>
<b>2. MILCON Collateral Equipment</b>																				
1 / Project # 69287, Ft Bragg, NC			-	-	-	-	-	0.472	-	-	-	-	-	-	-	-	-	-	-	-
2 / Project# 69446, Ft Carson, CO			-	-	-	-	-	0.769	-	-	-	-	-	-	-	-	-	-	-	-
3 / Project # 69447, Ft Campbell, KY			-	-	-	-	-	0.368	-	-	-	-	-	-	-	-	-	-	-	-
4 / Project # P1391, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 / Project # P1218, Camp Lejeune, NC			-	-	-	-	-	1.087	-	-	-	-	-	-	-	-	-	-	-	-
6 / Project # P1393, Camp Lejeune, NC			-	-	-	-	-	0.381	-	-	-	-	-	-	-	-	-	-	-	-
7 / Project # P888, La Posta, CA			-	-	-	-	-	3.187	-	-	1.647	-	-	-	-	-	-	-	-	-
8 / Project # 61064, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 / Project # 69382, Ft Bragg, NC			-	-	-	-	-	0.678	-	-	-	-	-	-	-	-	-	-	-	-
10 / Project # 66597, Ft Campbell, KY			-	-	-	-	-	0.013	-	-	-	-	-	-	-	-	-	-	-	-
11 / Project # 79440, Key West, FL			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 / Project # 65052, Ft Bragg, NC			-	-	-	-	-	0.080	-	-	-	-	-	-	-	-	-	-	-	-
13 / Project # P688, Camp Lemonier, Djibouti - OCO			-	-	-	-	-	9.241	-	-	-	-	-	-	-	-	11.580	-	-	11.580
14 / Project # P475, JB Pearl Harbor, HI			-	-	-	-	-	0.607	-	-	-	-	-	-	-	-	-	-	-	-
15 / Project # 69302, Ft Bragg, NC			-	-	-	-	-	-	-	-	1.322	-	-	-	-	-	-	-	-	-
16 / Project # 36977, Ft Campbell, KY			-	-	-	-	-	-	-	-	0.642	-	-	-	-	-	-	-	-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
17 / Project # 57442, Hunter AAF, GA			-	-	-	-	-	-	-	-	0.274	-	-	-	-	-	-	-	-	-
18 / Project # P1119, Camp Pendleton, CA			-	-	-	-	-	-	-	-	0.743	-	-	-	-	-	-	-	-	-
19 / Project # P1396, Camp Lejeune, NC			-	-	-	-	-	-	-	-	0.438	-	-	-	-	-	-	-	-	-
20 / Project # P170, Stennis Space Center, MS			-	-	-	-	-	-	-	-	0.408	-	-	-	-	-	-	-	-	-
21 / Project # P776, Coronado, CA			-	-	-	-	-	-	-	-	3.261	-	-	-	-	-	-	-	-	-
22 / Project # P876, Corona, CA			-	-	-	-	-	-	-	-	1.890	-	-	-	-	-	-	-	-	-
23 / Project # P893, Coronado, CA			-	-	-	-	-	0.882	-	-	1.378	-	-	-	-	-	-	-	-	-
24 / Project # P166, Little Creek, VA			-	-	-	-	-	-	-	-	0.408	-	-	-	-	-	-	-	-	-
25 / Project # P183, Ft Story, VA			-	-	-	-	-	-	-	-	3.774	-	-	-	-	-	-	-	-	-
26 / Project # P418, NAS Fallon, NV			-	-	-	-	-	-	-	-	0.627	-	-	-	-	-	-	-	-	-
27 / Project # P240, Stennis Space Center, MS			-	-	-	-	-	-	-	-	0.040	-	-	-	-	-	-	-	-	-
28 / Project # 79437, Ft Bragg, NC			-	-	-	-	-	-	-	-	1.713	-	-	-	-	-	-	-	-	-
29 / Project # 69517, OS Unspecified			-	-	-	-	-	-	-	-	1.892	-	-	-	-	-	-	-	-	-
30 / Project # 79456, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	0.277	-	-	-	-	-	0.277
31 / Project # 80773, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	1.459	-	-	-	-	-	1.459
32 / Project# 47942, Ft Carson, CO			-	-	-	-	-	-	-	-	-	-	-	0.232	-	-	-	-	-	0.232
33 / Project # 81897, Ft Campbell, KY			-	-	-	-	-	-	-	-	-	-	-	0.452	-	-	-	-	-	0.452
34 / Project # 63029, Canon AFB, NM			-	-	-	-	-	-	-	-	-	-	-	0.575	-	-	-	-	-	0.575
35 / Project # P1219, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	1.872	-	-	-	-	-	1.872
36 / Project # P1320, Camp Pendleton, CA			-	-	-	-	-	-	-	-	-	-	-	0.323	-	-	-	-	-	0.323
37 / Project # P1126, Camp Pendleton, CA			-	-	-	-	-	-	-	-	-	-	-	0.593	-	-	-	-	-	0.593

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
38 / Project # P1288, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	0.593	-	-	-	-	-	0.593
39 / Project # P777, Joint Expeditionary Base Little Creek - Ft Story, VA			-	-	-	-	-	-	-	-	-	-	-	1.078	-	-	-	-	-	1.078
40 / Project # P920, Coronado, CA			-	-	-	-	-	-	-	-	-	-	-	1.817	-	-	-	-	-	1.817
41 / Project # 43703, MacDill AFB, FL			-	-	-	-	-	-	-	-	-	-	-	4.549	-	-	-	-	-	4.549
42 / Project # 79439, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	1.057	-	-	-	-	-	1.057
43 / Project # 76518, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	0.098	-	-	-	-	-	0.098
44 / Project # 76513, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	6.529	-	-	-	-	-	6.529
45 / MILCON Collateral Equipment			-	-	5.819	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 2. MILCON Collateral Equipment</b>			-	-	<b>5.819</b>	-	-	<b>17.765</b>	-	-	<b>20.457</b>	-	-	<b>21.504</b>	-	-	<b>11.580</b>	-	-	<b>33.084</b>
<b>3. C4 Automation Systems</b>																				
1 / Classified Network Re-Engineering			-	-	11.064	-	-	5.065	-	-	5.663	-	-	4.762	-	-	-	-	-	4.762
2 / Unclassified Network Re-Engineering			-	-	4.170	-	-	2.468	-	-	1.933	-	-	5.938	-	-	-	-	-	5.938
3 / Programmed Expansion			-	-	3.140	-	-	0.620	-	-	0.746	-	-	0.713	-	-	-	-	-	0.713
4 / Distributive Data Center Hardware			-	-	14.867	-	-	28.715	-	-	23.779	-	-	7.700	-	-	-	-	-	7.700
5 / Integration			-	-	1.691	-	-	2.975	-	-	5.123	-	-	2.172	-	-	-	-	-	2.172
6 / Evolutionary Technology Insertions			-	-	-	-	-	-	-	-	-	-	-	1.890	-	-	-	-	-	1.890
<b>Subtotal: 3. C4 Automation Systems</b>			-	-	<b>34.932</b>	-	-	<b>39.843</b>	-	-	<b>37.244</b>	-	-	<b>23.175</b>	-	-	-	-	-	<b>23.175</b>
<b>4. Tactical Local Area Network</b>																				
1 / Suites - Capital Equipment Replacement Program (CERP)			0.650	17	11.051	0.594	18	10.689	0.586	18	10.540	0.580	9	5.220	-	-	-	0.580	9	5.220
2 / Integration			-	-	1.992	-	-	1.046	-	-	0.971	-	-	1.321	-	-	-	-	-	1.321
3 / Ancillary Equipment			-	-	0.737	-	-	1.011	-	-	1.124	-	-	0.237	-	-	-	-	-	0.237
4 / Advanced Special Operations Management System			-	-	-	-	-	-	0.007	86	0.600	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 / PME - FMV VDH-L			0.355	2	0.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 / Field Computing Devices			-	-	-	-	-	-	-	-	0.006	111	0.668	-	-	-	0.006	111	0.668	
<b>Subtotal: 4. Tactical Local Area Network</b>			-	-	<b>14.490</b>	-	-	<b>12.746</b>	-	-	<b>13.235</b>	-	-	<b>7.446</b>	-	-	-	-	<b>7.446</b>	
<b>5. Special Access Program Network</b>																				
1 / Evolutionary Technology Insertion			-	-	-	-	-	-	-	-	-	-	0.696	-	-	-	-	-	0.696	
<b>Subtotal: 5. Special Access Program Network</b>			-	-	-	-	-	-	-	-	-	-	<b>0.696</b>	-	-	-	-	-	<b>0.696</b>	
<b>6. Joint Operational Stocks (JOS)</b>																				
1 / Military Liaison Element			-	-	-	-	-	-	-	-	2.392	-	-	2.432	-	-	-	-	2.432	
2 / Equipment Replenishment (CERP)			-	-	1.585	-	-	1.649	-	-	2.265	-	-	2.261	-	-	-	-	2.261	
3 / Replenishment Equipment - OCO Retrograde			-	-	-	-	-	23.532	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 6. Joint Operational Stocks (JOS)</b>			-	-	<b>1.585</b>	-	-	<b>25.181</b>	-	-	<b>4.657</b>	-	-	<b>4.693</b>	-	-	-	-	<b>4.693</b>	
<b>7. SOF-Peculiar Weapons and Equipment Sustainment</b>																				
1 / SOF-Peculiar Weapons and Equipment			-	-	0.354	-	-	2.667	-	-	1.117	-	-	-	-	-	-	-	-	
<b>Subtotal: 7. SOF-Peculiar Weapons and Equipment Sustainment</b>			-	-	<b>0.354</b>	-	-	<b>2.667</b>	-	-	<b>1.117</b>	-	-	-	-	-	-	-	-	
<b>8. Range Support</b>																				
1 / Ancillary Equipment			-	-	4.147	-	-	2.919	-	-	1.721	-	-	-	-	-	-	-	-	
<b>Subtotal: 8. Range Support</b>			-	-	<b>4.147</b>	-	-	<b>2.919</b>	-	-	<b>1.721</b>	-	-	-	-	-	-	-	-	
<b>9. Civil Information</b>																				
1 / Civil Information Management Data Processing System - Hardware/Software			0.026	1	0.026	-	-	-	-	-	-	0.035	144	5.001	-	-	-	0.035	144	5.001
<b>Subtotal: 9. Civil Information</b>			-	-	<b>0.026</b>	-	-	-	-	-	-	-	-	<b>5.001</b>	-	-	-	-	-	<b>5.001</b>
<b>10. Product Distribution System (PDS) - Military Information Support Operations (MISO) System</b>																				
1 / PDS-Lite - CERP			0.235	30	7.056	0.240	2	0.481	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 10. Product Distribution System (PDS) - Military Information Support Operations (MISO) System</b>			-	-	<b>7.056</b>	-	-	<b>0.481</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>11. Long Range Broadcast System (LRBS) MISO System</b>																				

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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 / Hardware / Systems Low Rate Initial Production (LRIP)			-	-	-	-	-	-	-	-	1.658	2	3.316	-	-	-	1.658	2	3.316	
2 / Hardware / Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 11. Long Range Broadcast System (LRBS) MISO System</b>			-	-	-	-	-	-	-	-	-	-	3.316	-	-	-	-	-	3.316	
<b>12. Intrusion Detection Systems</b>																				
1 / Hardware / Systems			-	-	0.612	-	-	0.563	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 12. Intrusion Detection Systems</b>			-	-	0.612	-	-	0.563	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	71.885	-	-	103.833	-	-	79.149	-	-	66.436	-	-	11.580	-	-	78.016
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>1. Aircraft Support</b>																				
1 / SOF Unique Support Equipment			-	-	-	-	-	0.872	-	-	0.891	-	-	0.907	Continuing			Continuing		
2 / Aircraft Modification Spares and Repair Parts - Air Force Stock Fund			-	-	0.618	-	-	-	-	-	-	-	-	-	-	-	-	-	3.149	
3 / Temporary Shelters and Sunshade			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.434	
<b>Subtotal: 1. Aircraft Support</b>			-	-	0.618	-	-	0.872	-	-	0.891	-	-	0.907	Continuing			Continuing		
<b>2. MILCON Collateral Equipment</b>																				
1 / Project # 69287, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.472	
2 / Project# 69446, Ft Carson, CO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.769	
3 / Project # 69447, Ft Campbell, KY			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.368	
4 / Project # P1391, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 / Project # P1218, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.087	
6 / Project # P1393, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.381	
7 / Project # P888, La Posta, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.834	

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / Project # 61064, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 / Project # 69382, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.678
10 / Project # 66597, Ft Campbell, KY			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013
11 / Project # 79440, Key West, FL			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 / Project # 65052, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.080
13 / Project # P688, Camp Lemonier, Djibouti - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.821
14 / Project # P475, JB Pearl Harbor, HI			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.607
15 / Project # 69302, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.322
16 / Project # 36977, Ft Campbell, KY			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.642
17 / Project # 57442, Hunter AAF, GA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.274
18 / Project # P1119, Camp Pendleton, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.743
19 / Project # P1396, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.438
20 / Project # P170, Stennis Space Center, MS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.408
21 / Project # P776, Coronado, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.261
22 / Project # P876, Corona, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.890
23 / Project # P893, Coronado, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.260
24 / Project # P166, Little Creek, VA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.408
25 / Project # P183, Ft Story, VA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.774
26 / Project # P418, NAS Fallon, NV			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.627
27 / Project # P240, Stennis Space Center, MS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.040
28 / Project # 79437, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.713

**UNCLASSIFIED**

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**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
29 / Project # 69517, OS Unspecified			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.892
30 / Project # 79456, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.277
31 / Project # 80773, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.459
32 / Project# 47942, Ft Carson, CO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.232
33 / Project # 81897, Ft Campbell, KY			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.452
34 / Project # 63029, Canon AFB, NM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.575
35 / Project # P1219, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.872
36 / Project # P1320, Camp Pendleton, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.323
37 / Project # P1126, Camp Pendleton, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.593
38 / Project # P1288, Camp Lejeune, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.593
39 / Project # P777, Joint Expeditionary Base Little Creek - Ft Story, VA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.078
40 / Project # P920, Coronado, CA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.817
41 / Project # 43703, MacDill AFB, FL			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.549
42 / Project # 79439, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.057
43 / Project # 76518, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.098
44 / Project # 76513, Ft Bragg, NC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.529
45 / MILCON Collateral Equipment			-	-	11.374	-	-	16.505	-	-	12.552	-	-	32.930	Continuing			Continuing		
<b>Subtotal: 2. MILCON Collateral Equipment</b>			-	-	<b>11.374</b>	-	-	<b>16.505</b>	-	-	<b>12.552</b>	-	-	<b>32.930</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>3. C4 Automation Systems</b>																				
1 / Classified Network Re-Engineering			-	-	4.621	-	-	4.684	-	-	4.778	-	-	4.888	Continuing			Continuing		
2 / Unclassified Network Re-Engineering			-	-	8.602	-	-	9.511	-	-	9.731	-	-	9.926	Continuing			Continuing		

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**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / Programmed Expansion			-	-	0.728	-	-	0.743	-	-	0.758	-	-	0.773	Continuing			Continuing		
4 / Distributive Data Center Hardware			-	-	5.939	-	-	2.448	-	-	2.497	-	-	2.547	Continuing			Continuing		
5 / Integration			-	-	2.217	-	-	2.246	-	-	2.291	-	-	2.337	Continuing			Continuing		
6 / Evolutionary Technology Insertions			-	-	2.167	-	-	2.208	-	-	2.252	-	-	2.297	Continuing			Continuing		
<b>Subtotal: 3. C4 Automation Systems</b>			-	-	<b>24.274</b>	-	-	<b>21.840</b>	-	-	<b>22.307</b>	-	-	<b>22.768</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>4. Tactical Local Area Network</b>																				
1 / Suites - Capital Equipment Replacement Program (CERP)			0.547	16	8.750	0.559	15	8.387	0.571	14	7.995	0.564	16	9.018	Continuing			Continuing		
2 / Integration			-	-	1.265	-	-	1.116	-	-	1.139	-	-	1.162	Continuing			Continuing		
3 / Ancillary Equipment			-	-	0.819	-	-	0.727	-	-	0.737	-	-	0.754	Continuing			Continuing		
4 / Advanced Special Operations Management System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.007	86	0.600	
5 / PME - FMV VDH-L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.355	2	0.710	
6 / Field Computing Devices			0.007	97	0.679	0.007	99	0.692	0.008	88	0.704	-	-	-	Continuing			Continuing		
<b>Subtotal: 4. Tactical Local Area Network</b>			-	-	<b>11.513</b>	-	-	<b>10.922</b>	-	-	<b>10.575</b>	-	-	<b>10.934</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>5. Special Access Program Network</b>																				
1 / Evolutionary Technology Insertion			-	-	0.711	-	-	0.926	-	-	0.916	-	-	0.920	Continuing			Continuing		
<b>Subtotal: 5. Special Access Program Network</b>			-	-	<b>0.711</b>	-	-	<b>0.926</b>	-	-	<b>0.916</b>	-	-	<b>0.920</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>6. Joint Operational Stocks (JOS)</b>																				
1 / Military Liaison Element			-	-	2.478	-	-	2.528	-	-	2.579	-	-	2.631	Continuing			Continuing		
2 / Equipment Replenishment (CERP)			-	-	2.292	-	-	2.342	-	-	2.391	-	-	2.435	Continuing			Continuing		
3 / Replenishment Equipment - OCO Retrograde			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.532	
<b>Subtotal: 6. Joint Operational Stocks (JOS)</b>			-	-	<b>4.770</b>	-	-	<b>4.870</b>	-	-	<b>4.970</b>	-	-	<b>5.066</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>7. SOF-Peculiar Weapons and Equipment Sustainment</b>																				
1 / SOF-Peculiar Weapons and Equipment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.138	



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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Subtotal: 7. SOF-Peculiar Weapons and Equipment Sustainment</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.138	
<b>8. Range Support</b>																				
1 / Ancillary Equipment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.787
<b>Subtotal: 8. Range Support</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.787	
<b>9. Civil Information</b>																				
1 / Civil Information Management Data Processing System - Hardware/Software			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.035	145	5.027	
<b>Subtotal: 9. Civil Information</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.027	
<b>10. Product Distribution System (PDS) - Military Information Support Operations (MISO) System</b>																				
1 / PDS-Lite - CERP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.537
<b>Subtotal: 10. Product Distribution System (PDS) - Military Information Support Operations (MISO) System</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.537
<b>11. Long Range Broadcast System (LRBS) MISO System</b>																				
1 / Hardware / Systems Low Rate Initial Production (LRIP)			1.682	2	3.363	-	-	-	-	-	-	-	-	-	-	-	-	1.670	4	6.679
2 / Hardware / Systems			-	-	-	2.085	7	14.596	2.126	7	14.886	2.169	7	15.184	Continuing			Continuing		
<b>Subtotal: 11. Long Range Broadcast System (LRBS) MISO System</b>			-	-	3.363	-	-	14.596	-	-	14.886	-	-	15.184	<b>Continuing</b>			<b>Continuing</b>		
<b>12. Intrusion Detection Systems</b>																				
1 / Hardware / Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.175
<b>Subtotal: 12. Intrusion Detection Systems</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.175
<b>Total</b>			-	-	56.623	-	-	70.531	-	-	67.097	-	-	88.709	<b>Continuing</b>			<b>Continuing</b>		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0204SCCS / COMBATANT CRAFT SYSTEMS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160483BB, 1160484BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	353.334	50.337	63.362	55.820	-	55.820	27.110	13.149	38.342	38.081	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	353.334	50.337	63.362	55.820	-	55.820	27.110	13.149	38.342	38.081	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>353.334</b>	<b>50.337</b>	<b>63.362</b>	<b>55.820</b>	<b>-</b>	<b>55.820</b>	<b>27.110</b>	<b>13.149</b>	<b>38.342</b>	<b>38.081</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	1.351	1.093	1.000	1.250	-	1.250	0.388	-	-	-	-	5.082
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Combatant Craft Systems line item serves as the umbrella for medium and heavy 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), Riverine Craft, Combatant Craft Forward Looking Infrared (CCFLIR) program, Security Forces Assistance Craft (SFAC), Combatant Craft Assault (CCA) (previously High Speed Assault Craft), and Threat Awareness System (TAS).

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Combatant Craft System			- / 353.334	- / 50.337	- / 63.362	- / 55.820	- / -	- / 55.820
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 353.334</b>	<b>- / 50.337</b>	<b>- / 63.362</b>	<b>- / 55.820</b>	<b>- / -</b>	<b>- / 55.820</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Combatant Craft System			- / 27.110	- / 13.149	- / 38.342	- / 38.081	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 27.110</b>	<b>- / 13.149</b>	<b>- / 38.342</b>	<b>- / 38.081</b>	<b>Continuing</b>	<b>Continuing</b>

\*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. CCM. The CCM is a semi-enclosed, low-observable, multi-mission combatant craft for platoon-size maritime mobility in maritime denied 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 SOF mobility operations in denied environments up to high-threat. 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 Mk 1 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 2017 PROGRAM JUSTIFICATION: Procures four CCM, four prime movers, government furnished equipment (GFE), engineering change proposals (ECP), and initial spares.

2. CCH. The CCH program represents a family of solutions that 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, low-observable, semi-submersible craft that operates in denied environments up to high-threat. SEALION is NSW's most versatile and survivable combatant craft and the craft-of-choice for sensitive maritime intelligence, surveillance, and reconnaissance missions and those missions requiring a prolonged presence in denied environments. Its clandestine mobility capability is only exceeded by an undersea craft. 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 2017 PROGRAM JUSTIFICATION: Procures one CCH craft, prime mover, trailer, and initial spares.

3. Riverine Craft. 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.

FY 2017 PROGRAM JUSTIFICATION: Procures one prime movers and ECPs.

4. CCFLIR. The CCFLIR program consists of a legacy CCFLIR and the Next Generation CCFLIR (NG CCFLIR). The CCFLIR capability provides Special Operations Forces (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. The NG CCFLIR will use technological advancements to gain significant improvements in capability such as operational range, image fusion, net-centric data sharing, information assurance, and seamless craft and combat systems integration.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 0204SCCS / COMBATANT CRAFT SYSTEMS
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160483BB, 1160484BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>FY 2017 PROGRAM JUSTIFICATION: Procures ten next generation CCFLIR and ECPs.</p> <p>5. SFAC. SFAC are used to conduct security force assistance training for partner nation forces. In addition, the SFAC will provide SOF personnel the ability to fully train for deployments during the Inter-Deployment Training Cycle; ensuring SOF-deployed personnel are fully prepared for all SFA taskings, in accordance with USSOCOM requirements. The craft is a modified commercial-off-the-shelf combatant craft.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures one SFA large craft and initial spares.</p> <p>6. CCA. The CCA program is a National-to-Theater transition. The CCA is the theater version of the High Speed Assault Craft. The CCA is a low-observable combatant craft for squad-size maritime mobility operations in maritime denied environments. CCA is NSW's best craft for VBSS in maritime denied environments up to and including medium threat. 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; 3 crew + 12 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. This program received a congressional add in FY 2016.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures GFE, ECPs, prime movers, and ancillary equipment.</p> <p>7. TAS. The TAS is a stand-alone situational awareness tool for maritime mobility platforms, which provides tactical electronic support measure for theater combatant craft.</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command																Date: February 2016				
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4						P-1 Line Item Number / Title: 0204SCCS / COMBATANT CRAFT SYSTEMS						Aggregated Items Title: Combatant Craft System								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1. Combatant Craft Medium</b>																				
1 / Low Rate Initial Production (LRIP)			6.732	5	33.659	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 / Craft System			5.466	2	10.931	5.487	7	38.406	5.632	4	22.528	5.697	4	22.788	-	-	-	5.697	4	22.788
3 / Prime Movers			0.337	6	2.024	0.336	8	2.688	0.377	4	1.508	0.350	4	1.400	-	-	-	0.350	4	1.400
4 / Government Furnished Equipment (GFE), Engineering Change Proposals (ECPs)			-	-	-	-	-	3.727	-	-	4.132	-	-	1.833	-	-	-	-	-	1.833
5 / Initial Spares			-	-	0.529	-	-	1.093	-	-	0.302	-	-	0.700	-	-	-	-	-	0.700
<b>Subtotal: 1. Combatant Craft Medium</b>			-	-	<b>47.143</b>	-	-	<b>45.914</b>	-	-	<b>28.470</b>	-	-	<b>26.721</b>	-	-	-	-	-	<b>26.721</b>
<b>2. Combatant Craft Heavy</b>																				
1 / Craft System			-	-	-	-	-	-	-	-	-	16.300	1	16.300	-	-	-	16.300	1	16.300
2 / Prime Movers and Trailers			-	-	-	-	-	-	-	-	0.543	-	-	3.346	-	-	-	-	-	3.346
3 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	0.550	-	-	-	-	-	0.550
<b>Subtotal: 2. Combatant Craft Heavy</b>			-	-	<b>0.000</b>	-	-	-	-	-	<b>0.543</b>	-	-	<b>20.196</b>	-	-	-	-	-	<b>20.196</b>
<b>3. Riverine Craft</b>																				
1 / Craft System			1.595	51	81.363	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 / Prime Movers and DDP's			0.168	47	7.889	0.212	1	0.212	0.216	1	0.216	0.220	1	0.220	-	-	-	0.220	1	0.220
3 / ECPs			-	-	3.033	-	-	0.018	-	-	0.188	-	-	0.188	-	-	-	-	-	0.188
<b>Subtotal: 3. Riverine Craft</b>			-	-	<b>92.285</b>	-	-	<b>0.230</b>	-	-	<b>0.404</b>	-	-	<b>0.408</b>	-	-	-	-	-	<b>0.408</b>
<b>4. Combatant Craft Forward Looking Infrared System</b>																				
1 / Legacy CCFLIR System			0.224	154	34.479	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 / Next Generation (NG) CCFLIR LRIP Systems			-	-	-	-	-	-	0.640	4	2.560	-	-	-	-	-	-	-	-	-
3 / NG CCFLIR Systems			-	-	-	-	-	-	-	-	-	0.644	10	6.440	-	-	-	0.644	10	6.440
4 / ECPs			-	-	-	-	-	0.911 <sup>(1)</sup>	-	-	-	-	-	0.304	-	-	-	-	-	0.304
<b>Subtotal: 4. Combatant Craft Forward Looking Infrared System</b>			-	-	<b>34.479</b>	-	-	<b>0.911</b>	-	-	<b>2.560</b>	-	-	<b>6.744</b>	-	-	-	-	-	<b>6.744</b>
<b>5. Security Forces Assistance Craft</b>																				
1 / Small Craft			0.303	12	3.641	0.263	6	1.575	-	-	-	-	-	-	-	-	-	-	-	-
2 / Large Craft			0.505	5	2.525	-	-	-	0.726	1	0.726	0.741	1	0.741	-	-	-	0.741	1	0.741
3 / Initial Spares			-	-	-	-	-	-	-	-	0.247	-	-	0.102	-	-	-	-	-	0.102
<b>Subtotal: 5. Security Forces Assistance Craft</b>			-	-	<b>6.166</b>	-	-	<b>1.575</b>	-	-	<b>0.973</b>	-	-	<b>0.843</b>	-	-	-	-	-	<b>0.843</b>

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204SCCS / COMBATANT CRAFT SYSTEMS **Aggregated Items Title:** Combatant Craft System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>6. Combatant Craft Assault</b>																				
1 / Craft System			3.061	24	73.463	-	-	-	3.061	6	18.366	-	-	-	-	-	-	-	-	-
2 / GFE, ECPs, Prime Movers, Ancillary Equipment			-	-	8.803	-	-	1.707	-	-	12.046	-	-	0.908	-	-	-	-	-	-
<b>Subtotal: 6. Combatant Craft Assault</b>			-	-	<b>82.266</b>	-	-	<b>1.707</b>	-	-	<b>30.412</b>	-	-	<b>0.908</b>	-	-	-	-	-	<b>0.908</b>
<b>7. Threat Awareness System</b>																				
1 / TAS System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 / ECPs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 7. Threat Awareness System</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Prior Year Funding</b>																				
1 / Prior Year Funding			-	-	90.995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Prior Year Funding</b>			-	-	<b>90.995</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>353.334</b>	-	-	<b>50.337</b>	-	-	<b>63.362</b>	-	-	<b>55.820</b>	-	-	-	-	-	<b>55.820</b>
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>1. Combatant Craft Medium</b>																				
1 / Low Rate Initial Production (LRIP)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.732	5	33.659
2 / Craft System			5.700	2	11.400	-	-	-	-	-	-	-	-	-	-	-	-	5.582	19	106.053
3 / Prime Movers			0.357	2	0.714	-	-	-	-	-	-	-	-	-	-	-	-	0.347	24	8.334
4 / Government Furnished Equipment (GFE), Engineering Change Proposals (ECPs)			-	-	2.822	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.514
5 / Initial Spares			-	-	0.388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.012
<b>Subtotal: 1. Combatant Craft Medium</b>			-	-	<b>15.324</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>163.572</b>
<b>2. Combatant Craft Heavy</b>																				
1 / Craft System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.300	1	16.300
2 / Prime Movers and Trailers			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.889
3 / Initial Spares			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.550
<b>Subtotal: 2. Combatant Craft Heavy</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>20.739</b>
<b>3. Riverine Craft</b>																				
1 / Craft System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.595	51	81.363
2 / Prime Movers and DDP's			0.225	1	0.225	0.229	1	0.229	0.234	1	0.234	0.239	1	0.239	Continuing			Continuing		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 4 **P-1 Line Item Number / Title:** 0204SCCS / COMBATANT CRAFT SYSTEMS **Aggregated Items Title:** Combatant Craft System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / ECPs			-	-	0.188	-	-	0.191	-	-	0.190	-	-	0.193	-	-	-	-	-	4.189
<b>Subtotal: 3. Riverine Craft</b>			-	-	<b>0.413</b>	-	-	<b>0.420</b>	-	-	<b>0.424</b>	-	-	<b>0.432</b>	<i>Continuing</i>			<i>Continuing</i>		
<b>4. Combatant Craft Forward Looking Infrared System</b>																				
1 / Legacy CCFLIR System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.224	154	34.479
2 / Next Generation (NG) CCFLIR LRIP Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.640	4	2.560
3 / NG CCFLIR Systems			0.661	10	6.610	0.671	9	6.039	0.685	9	6.165	-	-	-	-	-	-	0.665	38	25.254
4 / ECPs			-	-	-	-	-	0.451	-	-	0.455	-	-	-	-	-	-	-	-	2.121
<b>Subtotal: 4. Combatant Craft Forward Looking Infrared System</b>			-	-	<b>6.610</b>	-	-	<b>6.490</b>	-	-	<b>6.620</b>	-	-	-	-	-	-	-	-	<b>64.414</b>
<b>5. Security Forces Assistance Craft</b>																				
1 / Small Craft			0.262	5	1.308	0.266	5	1.333	-	-	-	-	-	-	-	-	-	-	-	Continuing
2 / Large Craft			-	-	-	-	-	-	0.786	1	0.786	0.802	1	0.802	-	-	-	-	-	Continuing
3 / Initial Spares			-	-	-	-	-	-	-	-	0.572	-	-	0.582	-	-	-	-	-	Continuing
<b>Subtotal: 5. Security Forces Assistance Craft</b>			-	-	<b>1.308</b>	-	-	<b>1.333</b>	-	-	<b>1.358</b>	-	-	<b>1.384</b>	<i>Continuing</i>			<i>Continuing</i>		
<b>6. Combatant Craft Assault</b>																				
1 / Craft System			-	-	-	-	-	-	3.079	6	18.475	3.141	6	18.845	-	-	-	-	-	Continuing
2 / GFE, ECPs, Prime Movers, Ancillary Equipment			-	-	0.925	-	-	0.467	-	-	1.478	-	-	1.975	-	-	-	-	-	Continuing
<b>Subtotal: 6. Combatant Craft Assault</b>			-	-	<b>0.925</b>	-	-	<b>0.467</b>	-	-	<b>19.953</b>	-	-	<b>20.820</b>	<i>Continuing</i>			<i>Continuing</i>		
<b>7. Threat Awareness System</b>																				
1 / TAS System			1.000	1	1.000	1.020	3	3.060	1.025	6	6.150	1.030	10	10.300	-	-	-	-	-	Continuing
2 / ECPs			-	-	1.530	-	-	1.379	-	-	3.837	-	-	5.145	-	-	-	-	-	Continuing
<b>Subtotal: 7. Threat Awareness System</b>			-	-	<b>2.530</b>	-	-	<b>4.439</b>	-	-	<b>9.987</b>	-	-	<b>15.445</b>	<i>Continuing</i>			<i>Continuing</i>		
<b>Prior Year Funding</b>																				
1 / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90.995
<b>Subtotal: Prior Year Funding</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>90.995</b>
<b>Total</b>			-	-	<b>27.110</b>	-	-	<b>13.149</b>	-	-	<b>38.342</b>	-	-	<b>38.081</b>	<i>Continuing</i>			<i>Continuing</i>		

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



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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 4	<b>P-1 Line Item Number / Title:</b> 0204SCCS / COMBATANT CRAFT SYSTEMS	<b>Aggregated Items Title:</b> Combatant Craft System

**Remarks:**

Note: Some Exhibit P-40a subtotals and totals may not calculate due to unit cost rounding.

**Footnotes:**

<sup>(1)</sup> Funding used to procure nine Legacy CCFLIR 360-degree Persistent Surveillance add-on kits.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	10.346	30.999	132.975	107.432	13.549	120.981	16.053	16.706	17.041	17.381	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	10.346	30.999	132.975	107.432	13.549	120.981	16.053	16.706	17.041	17.381	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>10.346</b>	<b>30.999</b>	<b>132.975</b>	<b>107.432</b>	<b>13.549</b>	<b>120.981</b>	<b>16.053</b>	<b>16.706</b>	<b>17.041</b>	<b>17.381</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0204TACVEH / TACTICAL VEHICLES
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160480BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,677.975	63.134	73.520	67.849	3.200	71.049	62.956	39.303	17.923	17.092	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,677.975	63.134	73.520	67.849	3.200	71.049	62.956	39.303	17.923	17.092	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,677.975</b>	<b>63.134</b>	<b>73.520</b>	<b>67.849</b>	<b>3.200</b>	<b>71.049</b>	<b>62.956</b>	<b>39.303</b>	<b>17.923</b>	<b>17.092</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	1.232	1.608	2.144	2.077	0.049	2.126	1.796	0.824	-	-	Continuing	Continuing
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 tactical vehicles include: Ground Mobility Vehicles (GMV) (Medium), Non-Standard Commercial Vehicles (NSCV) for use in tactical missions, Mine Resistant Ambush Protected Vehicles (MRAP) (Heavy) and Internally Transportable Vehicles (ITV). These tactical vehicles are highly effective in executing SOF contingency missions worldwide.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0204TACVEH / TACTICAL VEHICLES
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160480BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 1,677.975	- / 63.134	- / 73.520	- / 67.849	- / 3.200	- / 71.049
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 1,677.975</b>	<b>- / 63.134</b>	<b>- / 73.520</b>	<b>- / 67.849</b>	<b>- / 3.200</b>	<b>- / 71.049</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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			- / 62.956	- / 39.303	- / 17.923	- / 17.092	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 62.956</b>	<b>- / 39.303</b>	<b>- / 17.923</b>	<b>- / 17.092</b>	<b>Continuing</b>	<b>Continuing</b>

\*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:**

- 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 are equipped with an A Kit to accept a Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance suite to provide an integrated and standardized communications platform.  
  
 FY 2017 PROGRAM JUSTIFICATION: Procures 107 GMV 1.1 platforms with SOF Kits, 107 communication/navigation system (A Kits), 7 armor kits, production support, and initial spares.  
  
 FY 2017 OVERSEAS CONTINGENCY OPERATIONS (OCO) PROGRAM JUSTIFICATION: Procures five GMV 1.1 platforms with SOF Kits, five communication navigation system (A Kits), five armor kits, initial spares, and production support.
- 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.  
  
 FY 2017 PROGRAM JUSTIFICATION: Procures 28 NSCVs, 28 communication/navigation systems (A Kits), and production support, required to validate follow-on contract through Production Qualification Testing (PQT).
- MRAP (Heavy). MRAP is an armored fighting vehicle used by SOF whose designed purpose is to survive Improvised Explosive Devices and ambushes while moving troops and supplies around the battlefield.
- ITV. The ITV will provide SOF with a combat vehicle that can be employed during a wide range of lethal and non-lethal special operations missions. The ITV will consist of a CV-22 internally transportable vehicle with the capability to configure the vehicle based upon the mission and/or threat. It will be capable of inter-theater and intra-theater movement through a variety of airlift assets, including both fixed and rotary wing.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command** **Date:** February 2016

**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 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1. Ground Mobility Vehicle (GMV) (Medium)</b>																				
1a / Base Vehicle & SOF Kits			0.430	72	30.960	0.367	82	30.094	0.349	123	42.927	0.357	107	38.199	-	-	-	0.357	107	38.199
1b / Base Vehicle & SOF Kits - OCO			-	-	-	-	-	-	-	-	-	-	-	-	0.357	5	1.785	0.357	5	1.785
1c / Comms & Navigation Systems (A Kits)			0.092	72	6.624	0.135	82	11.070	0.095	123	11.685	0.145	107	15.515	-	-	-	0.145	107	15.515
1d / Comms & Navigation Systems (A Kits) - OCO			-	-	-	-	-	-	-	-	-	-	-	-	0.145	5	0.725	0.145	5	0.725
1e / Armor			-	-	-	0.070	13	0.910	0.048	7	0.336	0.070	7	0.490	-	-	-	0.070	7	0.490
1f / Armor - OCO			-	-	-	-	-	-	-	-	-	-	-	-	0.070	5	0.350	0.070	5	0.350
1g / Production Support			-	-	2.669	-	-	1.799	-	-	1.561	-	-	1.072	-	-	-	-	-	1.072
1h / Production Support - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.247	-	-	0.247
1i / Initial Spares			-	-	1.232	-	-	1.608	-	-	2.144	-	-	2.077	-	-	-	-	-	2.077
1j / Initial Spares - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.093	-	-	0.093
<b>Subtotal: 1. Ground Mobility Vehicle (GMV) (Medium)</b>			-	-	<b>41.485</b>	-	-	<b>45.481</b>	-	-	<b>58.653</b>	-	-	<b>57.353</b>	-	-	<b>3.200</b>	-	-	<b>60.533</b>
<b>2. Non-Standard Commercial Vehicle (NSCV)</b>																				
2a / Modifications			0.250	320	80.000	0.235	50	11.750	0.243	39	9.477	0.240	28	6.720	-	-	-	0.240	28	6.720
2b / Comms and Navigation System (A Kits)			0.052	320	16.640	0.050	101	5.050	0.052	39	2.028	0.052	28	1.456	-	-	-	0.052	28	1.456
2c / Production Support			-	-	2.879	-	-	0.787	-	-	1.054	-	-	2.320	-	-	-	-	-	2.320
<b>Subtotal: 2. Non-Standard Commercial Vehicle (NSCV)</b>			-	-	<b>99.519</b>	-	-	<b>17.587</b>	-	-	<b>12.559</b>	-	-	<b>10.496</b>	-	-	-	-	-	<b>10.496</b>
<b>3. Mine Resistant Ambush Protected (MRAP) Vehicle (Heavy)</b>																				
3a / Special Operation Kit			-	-	-	0.013	5	0.066	0.013	139	1.796	-	-	-	-	-	-	-	-	-
<b>Subtotal: 3. Mine Resistant Ambush Protected (MRAP) Vehicle (Heavy)</b>			-	-	-	-	-	<b>0.066</b>	-	-	<b>1.796</b>	-	-	-	-	-	-	-	-	-
<b>4. Internally Transportable Vehicle (ITV)</b>																				
4a / Base Vehicle			-	-	-	-	-	-	0.250	1	0.250	-	-	-	-	-	-	-	-	-
4b / Production Support			-	-	-	-	-	-	-	-	0.026	-	-	-	-	-	-	-	-	-
4c / New Equipment Training			-	-	-	-	-	-	-	-	0.236	-	-	-	-	-	-	-	-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**Appropriation / Budget Activity / Budget Sub Activity:** 0300D / 02 / 4 **P-1 Line Item Number / Title:** P0204TACVEH / TACTICAL VEHICLES **Aggregated Items Title:** Tactical Vehicles

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>Subtotal: 4. Internally Transportable Vehicle (ITV)</b>			-	-	-	-	-	-	-	0.512	-	-	-	-	-	-	-	-	-	
<b>5. Prior Year</b>																				
5a / Prior Year Funding			-	-	1,536.971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 5. Prior Year</b>			-	-	<b>1,536.971</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>1,677.975</b>	-	-	<b>63.134</b>	-	-	<b>73.520</b>	-	-	<b>67.849</b>	-	-	<b>3.200</b>	-	-	<b>71.049</b>

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>1. Ground Mobility Vehicle (GMV) (Medium)</b>																				
1a / Base Vehicle & SOF Kits			0.373	92	34.316	0.382	42	16.044	-	-	-	-	-	-	-	-	-	-	-	-
1b / Base Vehicle & SOF Kits - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.357	5	1.785
1c / Comms & Navigation Systems (A Kits)			0.145	92	13.340	0.146	42	6.132	0.145	8	1.160	0.145	3	0.435	-	-	-	-	-	-
1d / Comms & Navigation Systems (A Kits) - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.145	5	0.725
1e / Armor			0.070	6	0.420	0.070	3	0.210	-	-	-	-	-	-	-	-	-	-	-	-
1f / Armor - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.070	5	0.350
1g / Production Support			-	-	1.120	-	-	1.315	-	-	0.097	-	-	0.104	-	-	-	-	-	-
1h / Production Support - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.247
1i / Initial Spares			-	-	1.796	-	-	0.824	-	-	-	-	-	-	-	-	-	-	-	-
1j / Initial Spares - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.093
<b>Subtotal: 1. Ground Mobility Vehicle (GMV) (Medium)</b>			-	-	<b>50.992</b>	-	-	<b>24.525</b>	-	-	<b>1.257</b>	-	-	<b>0.539</b>	-	-	-	-	-	-
<b>2. Non-Standard Commercial Vehicle (NSCV)</b>																				
2a / Modifications			0.244	38	9.272	0.248	47	11.656	0.252	53	13.356	0.256	48	12.288	-	-	-	-	-	-
2b / Comms and Navigation System (A Kits)			0.052	38	1.976	0.052	47	2.444	0.052	53	2.756	0.052	48	2.496	-	-	-	-	-	-
2c / Production Support			-	-	0.716	-	-	0.678	-	-	0.554	-	-	1.769	-	-	-	-	-	-
<b>Subtotal: 2. Non-Standard Commercial Vehicle (NSCV)</b>			-	-	<b>11.964</b>	-	-	<b>14.778</b>	-	-	<b>16.666</b>	-	-	<b>16.553</b>	-	-	-	-	-	-



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:										Aggregated Items Title:					
0300D / 02 / 4					0204TACVEH / TACTICAL VEHICLES										Tactical Vehicles					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>3. Mine Resistant Ambush Protected (MRAP) Vehicle (Heavy)</b>																				
3a / Special Operation Kit			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	144	1.862
<b>Subtotal: 3. Mine Resistant Ambush Protected (MRAP) Vehicle (Heavy)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1.862</b>
<b>4. Internally Transportable Vehicle (ITV)</b>																				
4a / Base Vehicle			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing
4b / Production Support			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing
4c / New Equipment Training			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.236
<b>Subtotal: 4. Internally Transportable Vehicle (ITV)</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>Continuing</b>
<b>5. Prior Year</b>																				
5a / Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing
<b>Subtotal: 5. Prior Year</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>Continuing</b>
<b>Total</b>			-	-	<b>62.956</b>	-	-	<b>39.303</b>	-	-	<b>17.923</b>	-	-	<b>17.092</b>	-	-	-	-	-	<b>Continuing</b>

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0204Warrior / WARRIOR SYSTEMS <\$5M
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	225.602	276.590	205.609	245.781	-	245.781	225.803	232.418	223.832	235.891	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	225.602	276.590	205.609	245.781	-	245.781	225.803	232.418	223.832	235.891	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>225.602</b>	<b>276.590</b>	<b>205.609</b>	<b>245.781</b>	<b>-</b>	<b>245.781</b>	<b>225.803</b>	<b>232.418</b>	<b>223.832</b>	<b>235.891</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 and associated costs of specialized equipment in the areas of communications, weapons, soldier protection and survival systems, visual augmentation systems, lasers and sensors, radios, counter radio controlled-improvised explosive device (RC-IED) jamming systems, and trainers, simulators and mission planning and rehearsal systems to meet the unique Special Operations Forces (SOF) 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. Visual Augmentation, lasers and sensor systems provides SOF day and night optic systems that have increased capabilities over the service-common visual augmentation systems. 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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0204Warrior / WARRIOR SYSTEMS <\$5M
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	WARRIOR SYSTEMS <\$5M			- / 225.602	- / 276.590	- / 205.609	- / 245.781	- / -	- / 245.781
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 225.602</b>	<b>- / 276.590</b>	<b>- / 205.609</b>	<b>- / 245.781</b>	<b>- / -</b>	<b>- / 245.781</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	WARRIOR SYSTEMS <\$5M			- / 225.803	- / 232.418	- / 223.832	- / 235.891	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 225.803</b>	<b>- / 232.418</b>	<b>- / 223.832</b>	<b>- / 235.891</b>	<b>Continuing</b>	<b>Continuing</b>

\*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. 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). This budget item previously included Special Communications Enterprise (SCE), for FY16 and prior years.

FY 2017 PROGRAM JUSTIFICATION: Procures 13 field segment kits, enterprise segment services, and base-end segment capabilities.

2. SOF 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 video at all levels of classification. It consists of SDN subprograms, transport for intelligence variants, technology insertions and capital equipment replacement, to include Full Motion Video (FMV) and Comms-On-the-Move. The SDN-Heavy (SDN-H) is a deployable multi-channel/multi-band SATCOM terminal and associated switching equipment that provides wide-area connectivity through SOCOM Mobile SOF Strategic Entry Points (MSSEPs) and commercial teleports for SOF task forces. The SDN-Medium (SDN-M) is a lightweight, multi-channel SATCOM system that provides Command, Control, Communications, and Computers for SOF mid-level tactical headquarters and operational elements. The SDN-Light (SDN-L) is a rugged, portable SATCOM package that supports small SOF liaison teams and small operational elements. Wide-band SATCOM-On-the-Move consists of SDN afloat, ground mobile and airborne packages for SOF elements. The MSSEP is a deployable SOF strategic entry point that augments the SOF Information Enterprise global architecture in support of regional requirements. The airborne Intelligence Surveillance Reconnaissance transport is communications architecture equipment that supports the delivery of near real-time sensor data to the strategic, operational and tactical edge users. This program received Overseas Contingency Operation (OCO) funding in FY 2015.

FY 2017 PROGRAM JUSTIFICATION: Procures Capital Equipment Replacement Plan (CERP) of 6 SDN-H, 43 SDN-M, 200 SDN-L V(3b), FMV Evolutionary Technology Insertion (ETI), Comms-On-the-Move evolutionary technology insertions, 3 SDN-Extension Packages (EP), 30 Light Vx Variants, 4 KuSS, 3 Predator Receive Terminals (PRTs), and Comms-On-the-Move ETI.

3. SCAMPI. Telecommunications system that disseminates information between Headquarters USSOCOM, SOF deployed forces, component commands and major subordinate units, the Theater Special Operations Commands (TSOCs), and selected government agencies and activities directly associated with the special operations community. SCAMPI is not an acronym--it is the term identified with this enterprise telecommunications capability. SCAMPI provides secure voice, data, and VTC, on various classification levels, to world-wide deployed and garrison SOF locations. SCAMPI also extends connectivity to global C, KU and X-Band satellite services to deployed SOF units. Provides rapid secure communications to SOF units, and enables access to other government agencies and SOF-specific information services.

FY 2017 PROGRAM JUSTIFICATION: Procures CERP of ten node optimizations/retrofits, ten node optimizations, CERP of three tactical gateway SOF strategic entry points (SSEP), and one media port.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 0204Warrior / WARRIOR SYSTEMS <\$5M
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
<p>4. Joint Tactical C4I Information Transceiver System (JTCITS). Provides portable video receive terminals for receipt of tactical FMV from Unmanned Aerial Systems.</p> <p>5. Weapons. Provides the SOF operator with common caliber weapons that enable SOF to accurately engage enemy personnel and material 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 be used on both service-common and SOF weapons, enabling 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. This budget item includes legacy programs Family of Sniper Weapon Systems (FSWS), Advanced Lightweight Grenade Launcher (ALGL), Combat Assault Rifle (CAR), and Weapons Accessories (WPNAC), for FY16 and prior years. This program received OCO funding in FY 2015.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 426 Rifle Upper Receiver Groups (URG), 75 MK 13 Sniper Rifles, 42 MK 15 Sniper Rifles, 112 MK 44 Machine Guns, and 397 Glock 19 Handguns.</p> <p>6. Tactical Combat Casualty Care (TCCC). Provides medical devices and equipment for the 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 tactical medical and CASEVAC capabilities with the intention to transition capabilities developed under the National Military Forces 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 2015.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 30 CASEVAC sets and production support.</p> <p>7. Counter Radio Controlled-Improvised Explosive Device (RC-IED). Centralized program that provides a capability for US Special Operations Command to acquire RC-IED jamming systems. Various system designs provide soldier protection while operating in various environments, while vehicle mounted and when dismounted. All of these systems are designed for easy update to protect against an evolving threat matrix. Procurement of the next generation low visibility RC-IED jamming force protection system will further enhance the bandwidth performance to defeat emerging radio frequency detonation threats during mobile and dismount operations. This program provides scalable RC-IED systems whose configuration and modularity address a mission critical capability gap to counter the proliferation of radio frequency initiated IEDs globally. This program received OCO funding in FY 2016.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 100 force protection Counter RC-IED systems, ancillary equipment, and initial spares.</p> <p>8. Improved Night/Day Observation/Fire Control (INOD). Provides the SOF sniper with a lightweight, low signature, fire control and observation device that allows the sniper to detect, acquire, and engage targets out to the weapon's maximum effective range under day/night conditions. The device allows the sniper to go from day to night operations without re-zeroing. The INOD Program consists of sniper sights using Image Intensification (I2), thermal, and fusion or multi-spectral technology. This program received OCO funding in FY 2015.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 22 Block III devices.</p> <p>9. Laser Acquisition Markers (LAM). Provides markers, lasers (Handheld Laser Marker), infrared sights, and small target location devices. Provides laser target designators with range finding capability. The marker and location devices allows 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 on to targets. The Small Target Location Device (STLD) provides precise location of devices via lasers and celestial/terrestrial or alternative positional subsystems. This program received OCO funding in FY 2015.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 29 infrared sights, 15 handheld laser markers, and 4 STLD.</p>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 0204Warrior / WARRIOR SYSTEMS <\$5M
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	

10. Hand Held Imager (HHI). Provides the SOF operator with a lightweight, man-portable thermal imagers that allows the operator to detect, acquire, and observe targets during day/night operations and in the presence of obscurants. This program received OCO funding in FY 2015.

FY 2017 PROGRAM JUSTIFICATION: Procures 18 pocket devices.

11. Visual Augmentation System-Binocular/Monocular (VAS-B/M). Provides head/helmet mounted night vision goggle systems. These goggles provide the SOF operator the capability to see in all lighting conditions, day or night, and in the presence of certain obscurants, with improvements in overall capability, situational awareness, interoperability and logistics commonality. The clip-on thermal imager (COTI)/ (AN/PAS-29) clips on the AN/PVS-15A or AN/PVS-31A, to provide an overlay image fusion capability. Integrated systems combine the light amplification capability of I2 devices with the heat sensing capability of Thermal Imaging Systems. The system amplifies available light and thermal signatures and fuses them together to produce a clear, viewing image under adverse conditions. This program received OCO funding in FY 2015.

FY 2017 PROGRAM JUSTIFICATION: Procures 1,473 Binocular Night Vision Devices (BNVD/AN/PVS-31) and 1,358 COTIs/(AN/PAS-29).

12. Visual Augmentation Systems Weapons Accessories (VASWA). Provides visual augmentation accessories for all SOF weapons, enabling the operator to tailor the configuration of the weapon to the assigned mission and operational environment. The accessories enhance the target acquisition and accuracy of all SOF weapons resulting in increased mission accomplishment and operator survivability. This program received OCO funding in FY 2015 and a congressional add in FY 2016.

FY 2017 PROGRAM JUSTIFICATION: Procures 4,715 Advanced Target Precision Aiming Laser systems (ATPIALs) and 81 ECOS-Optimized devices.

13. 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 device will be a multi-band device capable of being carried by an individual or being mounted on various SOF platforms; 2) Fixed configuration will be a multi-band and/or High-Frequency (HF) device designed for implementation into air/ground/sea platforms or base stations; 3) HF device in a man-pack configuration will be capable of being mounted on various SOF platforms; 4) Handheld device will include both an urban and maritime variant. This system will introduce 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.

FY 2017 PROGRAM JUSTIFICATION: Procures 8 Low Rate Initial Production (LRIP) handheld radios. Procure CERP of 1,744 handheld radios, 476 man-pack radios and 200 high-frequency radios.

14. Radio Integration System (RIS). Evolutionary acquisition program to procure the most current tactical C2 communications system for deployed and forward-based SOF and TSOCs supporting OCO and other SOF activities. The procured solution consists of a full-scaled deployable transit case variant, a deployable downsized transit case variant, and a fixed base station variant. All variants are capable of integrating existing and future radios and are compliant with the Joint Tactical Radio System. RIS interface, enhance, and combine multiple single-channel radios into one integrated C2 suite. The variants will enable the SOF operational commander to exercise reliable, effective, and efficient C2 functions regardless of area of operation. Moreover, the system provides the SOF Commander and staff with the capability to send and receive voice, data, and messages between the inserted SOF war-fighter and higher headquarters, liaison officers, other government agencies, and coalition partners.

FY 2017 PROGRAM JUSTIFICATION: Procures CERP for five RIS and two RIS-Lite systems.

15. Blue Force Tracking (BFT). Family of devices used to remotely track and monitor friendly forces. The capability enhances C2, threat warning, force protection, situational awareness, combat search and rescue, counter-fratricide, and battlefield visualization. This capability is unique to SOF because it requires the devices to be lightweight, portable, secure and a Low Probability of Intercept/Low Probability of Detection. SOF systems include the miniature transmitter and the handheld device that provides automated transmission of position location information and brevity codes supporting both ground and air assets. This information is collected by national assets, relayed to select command units, and displayed on the receiving unit's common operational picture.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2017 United States Special Operations Command		<b>Date:</b> February 2016
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		<b>P-1 Line Item Number / Title:</b> 0204Warrior / WARRIOR SYSTEMS <\$5M
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160431BB
<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A	
FY 2017 PROGRAM JUSTIFICATION: Procures 419 BFT devices.		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>1. Special Communications (SPCOM) Enterprise</b>																				
1 / SPCOM Field Segment Kits			0.176	9	1.580	0.152	5	0.758	0.163	14	2.275	0.153	13	1.994	-	-	-	0.153	13	1.994
2 / SPCOM Enterprise Segment Services			-	-	0.138	-	-	0.224	-	-	0.413	-	-	0.483	-	-	-	-	-	0.483
3 / SPCOM Base-End Segment Capabilities			-	-	0.334	-	-	0.185	-	-	0.361	-	-	0.415	-	-	-	-	-	0.415
<b>Subtotal: 1. Special Communications (SPCOM) Enterprise</b>			-	-	<b>2.052</b>	-	-	<b>1.167</b>	-	-	<b>3.049</b>	-	-	<b>2.892</b>	-	-	-	-	-	<b>2.892</b>
<b>2. SOF Deployable Node (SDN)</b>																				
1 / SDN Heavy Hardware - Capital Equipment Replacement Program (CERP)			1.912	7	13.383	1.706	4	6.823	1.697	7	11.877	1.077	6	6.462	-	-	-	1.077	6	6.462
2 / SDN Medium Hardware - CERP			0.573	26	14.897	0.573	26	14.899	0.458	33	15.112	0.390	43	16.765	-	-	-	0.390	43	16.765
3 / SDN Medium Hardware - Retrograde OCO			-	-	-	0.572	10	5.717	-	-	-	-	-	-	-	-	-	-	-	-
4 / SDN Light Hardware			0.171	100	17.133	0.173	103	17.858	0.153	75	11.461	-	-	-	-	-	-	-	-	-
5 / SDN Light Hardware - CERP			0.171	135	23.053	0.172	37	6.365	0.134	102	13.643	0.138	200	27.502	-	-	-	0.138	200	27.502
6 / SDN Light Hardware - Retrograde OCO			-	-	-	0.173	59	10.207	-	-	-	-	-	-	-	-	-	-	-	-
7 / Full Motion Video Evolutionary Technology Insertion (ETI) CERP			-	-	3.822	-	-	-	-	-	-	-	-	1.773	-	-	-	-	-	1.773
8 / Comms-On-the-Move ETI			-	-	2.007	-	-	4.478	-	-	-	-	-	1.820	-	-	-	-	-	1.820
9 / Comms-On-the-Move ETI - CERP			-	-	-	-	-	-	-	-	-	-	-	3.640	-	-	-	-	-	3.640
10 / Extension Package CERP			0.371	3	1.114	0.399	3	1.196	0.408	3	1.224	0.388	3	1.163	-	-	-	0.388	3	1.163
11 / Extension Package - Retrograde OCO			-	-	-	0.399	5	1.994	-	-	-	-	-	-	-	-	-	-	-	-
12 / Mobile SOF Strategic Entry Point			9.738	1	9.738	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 / Joint Task Force			1.849	1	1.849	3.650	2	7.300	-	-	-	-	-	-	-	-	-	-	-	-
14 / 3G/4G Wireless Capability			-	-	2.933	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command** **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
15 / Light Vx Variant - CERP			-	-	-	-	-	0.041	0.090	5	0.450	0.093	30	2.790	-	-	-	0.093	30	2.790
16 / Ku Spread Spectrum (KuSS)			2.106	3	6.317	2.611	4	10.442	-	-	-	-	-	-	-	-	-	-	-	-
17 / KuSS - CERP			1.698	3	5.095	-	-	-	-	-	-	1.891	4	7.564	-	-	-	1.891	4	7.564
18 / Predator Receive Terminal (PRT)			1.854	2	3.708	2.009	2	4.019	2.596	1	2.596	-	-	-	-	-	-	-	-	-
19 / PRT - CERP			-	-	-	-	-	-	-	-	-	2.673	3	8.018	-	-	-	2.673	3	8.018
20 / SDN Full Motion Video SAAF - CERP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 / SOFTACS Ku Spread Spectrum Ingest Hub Sustainment (OCO)			-	-	-	2.779	2	5.557	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 2. SOF Deployable Node (SDN)</b>			-	-	<b>105.049</b>	-	-	<b>96.896</b>	-	-	<b>56.363</b>	-	-	<b>77.497</b>	-	-	-	-	-	<b>77.497</b>
<b>3. SCAMPI</b>																				
1 / Node Optimization/Retrofits/CERP			0.821	10	8.212	0.861	10	8.605	0.730	10	7.300	0.734	10	7.338	-	-	-	0.734	10	7.338
2 / Node Optimization			-	-	-	-	-	-	0.860	10	8.596	0.829	10	8.291	-	-	-	0.829	10	8.291
3 / Tactical Gateways (New/Upgrades) - SOCOM Strategic Entry Points - CERP			1.813	2	3.625	2.375	2	4.751	2.177	2	4.354	2.789	3	8.367	-	-	-	2.789	3	8.367
4 / Full Motion Video (FMV) ETI			0.768	2	1.535	-	-	-	0.790	2	1.579	-	-	-	-	-	-	-	-	-
5 / Media Ports (MPs)			0.591	1	0.591	-	-	-	0.610	1	0.610	0.624	1	0.624	-	-	-	0.624	1	0.624
6 / FMV SDN LUX Gateways - CERP			-	-	-	0.778	1	0.778	1.583	1	1.583	-	-	-	-	-	-	-	-	-
<b>Subtotal: 3. SCAMPI</b>			-	-	<b>13.963</b>	-	-	<b>14.134</b>	-	-	<b>24.022</b>	-	-	<b>24.620</b>	-	-	-	-	-	<b>24.620</b>
<b>4. Joint Tactical C4I Transceiver System</b>																				
1 / Display Device			0.030	133	4.009	0.028	122	3.430	0.027	322	8.697	-	-	-	-	-	-	-	-	-
<b>Subtotal: 4. Joint Tactical C4I Transceiver System</b>			-	-	<b>4.009</b>	-	-	<b>3.430</b>	-	-	<b>8.697</b>	-	-	-	-	-	-	-	-	-
<b>5. Weapons</b>																				
A.1 / Advanced Lightweight Grenade Launcher (ALGL) Retrograde OCO			-	-	-	0.160	21	3.362	-	-	-	-	-	-	-	-	-	-	-	-
A.2 / ALGL Computerized Sight Retrograde OCO			-	-	-	0.207	25	5.185	-	-	-	-	-	-	-	-	-	-	-	-
B.1 / CAR 7.62mm Heavy Rifle			0.005	88	0.427	0.004	1	0.004	0.006	170	1.020	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
B.2 / CAR 7.62mm Heavy Rifle Production Support			-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	
B.3 / CAR 7.62mm Heavy Rifle - Retrograde OCO			-	-	-	0.004	256	1.022	-	-	-	-	-	-	-	-	-	-	-	
C.1 / Family of Sniper Weapons Systems (FSWS) .300 WINMAG Rifles			-	-	-	0.011	52	0.574	0.005	43	0.215	-	-	-	-	-	-	-	-	
C.2 / FSWS Precision Sniper Rifle (PSR)			-	-	0.343	0.012	20	0.247	-	-	-	-	-	-	-	-	-	-	-	
C.3 / FSWS PSR Retrograde OCO			-	-	-	0.010	29	0.290	-	-	-	-	-	-	-	-	-	-	-	
D.1 / Machine Guns (MG) 5.56mm			0.008	8	0.063	0.009	15	0.136	0.009	34	0.306	-	-	-	-	-	-	-	-	
D.2 / MG 5.56mm Retrograde OCO			-	-	-	0.009	8	0.072	-	-	-	-	-	-	-	-	-	-	-	
D.3 / MG 5.56mm Production Support			-	-	-	-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	
D.4 / MG 7.62mm			0.009	2	0.017	0.007	2	0.014	-	-	-	-	-	-	-	-	-	-	-	
D.5 / MG 7.62mm Retrograde OCO			-	-	-	0.013	74	0.962	-	-	-	-	-	-	-	-	-	-	-	
D.6 / MG 7.62mm Mini-Gun			-	-	0.028	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	
D.7 / MG 7.62mm Mini-Gun Retrograde OCO			-	-	-	0.105	32	3.360	-	-	-	-	-	-	-	-	-	-	-	
E.1 / Weapons-Rifles-Upper Receiver Group (URG)			-	-	-	-	-	-	-	-	-	0.006	426	2.676	-	-	-	0.006	426	2.676
E.2a / Weapons-Sniper Rifles-MK 13			-	-	-	-	-	-	-	-	-	0.007	75	0.525	-	-	-	0.007	75	0.525
E.2b / Weapons-Sniper Rifles-MK 15			-	-	-	-	-	-	-	-	-	0.008	42	0.350	-	-	-	0.008	42	0.350
E.3a / Weapons-Machine Guns-MK 44			-	-	-	-	-	-	-	-	-	0.087	112	9.757	-	-	-	0.087	112	9.757
E.3b / Weapons-Machine Guns-MK 46			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E.4 / Weapons-Handguns-Glock 19			-	-	-	-	-	0.529	-	-	-	0.001	397	0.290	-	-	-	0.001	397	0.290
F.1 / WA Rail Interface System Retrograde OCO			-	-	-	0.001	708	0.708	-	-	-	-	-	-	-	-	-	-	-	-
F.2 / WA Family of Muzzle Brakes and			0.001	906	0.936	0.001	1,921	1.921	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
Suppressors (FMBS)-C																				
F.3 / WA FMBS-C Retrograde OCO			-	-	-	0.001	572	0.572	-	-	-	-	-	-	-	-	-	-	-	-
F.4 / WA Visible Bright Light Illuminator			-	-	-	-	-	0.009	-	-	-	-	-	-	-	-	-	-	-	-
G.1 / Weapons Prior Year Funding			-	-	0.476	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 5. Weapons</b>			-	-	<b>2.290</b>	-	-	<b>18.973</b>	-	-	<b>1.550</b>	-	-	<b>13.598</b>	-	-	-	-	-	<b>13.598</b>
<b>6. Tactical Combat Casualty Care (TCCC)</b>																				
1 / Sets			0.171	10	1.707	0.168	36	6.048	0.176	29	5.104	0.176	30	5.280	-	-	-	0.176	30	5.280
2 / Production Support			-	-	0.161	-	-	0.056	-	-	0.136	-	-	0.129	-	-	-	-	-	0.129
3 / OCO			0.160	50	8.000	0.108	72	7.765	-	-	-	-	-	-	-	-	-	-	-	-
4 / Production Support OCO			-	-	0.034	-	-	0.078	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 6. Tactical Combat Casualty Care (TCCC)</b>			-	-	<b>9.902</b>	-	-	<b>13.947</b>	-	-	<b>5.240</b>	-	-	<b>5.409</b>	-	-	-	-	-	<b>5.409</b>
<b>7. Counter Radio Controlled - Improvised Explosive Device (RC-CIED)</b>																				
1 / Devices			0.241	52	12.540	0.248	29	7.181	0.247	50	12.350	0.248	100	24.800	-	-	-	0.248	100	24.800
2 / Devices - OCO			-	-	-	-	-	-	0.247	50	12.350	-	-	-	-	-	-	-	-	-
3 / Production Support			-	-	0.127	-	-	0.073	-	-	-	-	-	-	-	-	-	-	-	-
4 / New Equipment Training			-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
5 / New Equipment Training - OCO			-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	-	-	-	-
6 / Ancillary Equipment			-	-	-	-	-	-	-	-	1.000	-	-	3.300	-	-	-	-	-	3.300
7 / Ancillary Equipment - OCO			-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	-	-	-	-
8 / Initial Spares			-	-	-	-	-	-	-	-	1.160	-	-	2.088	-	-	-	-	-	2.088
9 / Initial Spares - OCO			-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	-	-	-	-
<b>Subtotal: 7. Counter Radio Controlled - Improvised Explosive Device (RC-CIED)</b>			-	-	<b>12.667</b>	-	-	<b>7.254</b>	-	-	<b>29.560</b>	-	-	<b>30.188</b>	-	-	-	-	-	<b>30.188</b>
<b>8. Improved Night/Day Observation/Fire Control (INOD)</b>																				
1 / Block III Devices (Next Generation)			0.053	89	4.676	0.060	189	11.398	0.060	24	1.429	0.053	22	1.172	-	-	-	0.053	22	1.172
2 / Block III Devices (Next Generation) Retrograde OCO			-	-	-	0.060	138	8.320	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 8. Improved Night/Day Observation/Fire Control (INOD)</b>			-	-	<b>4.676</b>	-	-	<b>19.718</b>	-	-	<b>1.429</b>	-	-	<b>1.172</b>	-	-	-	-	-	<b>1.172</b>

**UNCLASSIFIED**

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4					P-1 Line Item Number / Title: 0204Warrior / WARRIOR SYSTEMS <\$5M										Aggregated Items Title: WARRIOR SYSTEMS <\$5M					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
<b>9. Laser Acquisition Markers (LAM)</b>																				
1 / Infrared Sights			0.039	39	1.539	0.045	119	5.392	-	-	-	0.051	29	1.493	-	-	-	0.051	29	1.493
2 / Infrared Sights Retrograde - OCO			-	-	-	0.040	15	0.600	-	-	-	-	-	-	-	-	-	-	-	-
3 / Handheld Laser Marker (HLM)			0.026	40	1.044	0.026	144	3.744	-	-	-	0.028	15	0.413	-	-	-	0.028	15	0.413
4 / Production Support Retrograde - OCO			-	-	-	-	-	0.030	-	-	-	-	-	-	-	-	-	-	-	-
5 / Small Target Location Device			-	-	0.001	-	-	-	-	-	-	0.112	4	0.448	-	-	-	0.112	4	0.448
<b>Subtotal: 9. Laser Acquisition Markers (LAM)</b>			-	-	<b>2.584</b>	-	-	<b>9.766</b>	-	-	-	-	-	<b>2.354</b>	-	-	-	-	-	<b>2.354</b>
<b>10. Hand Held Imagers (HHI)</b>																				
1 / Long Range			0.063	80	5.062	0.063	25	1.571	0.069	28	1.932	-	-	-	-	-	-	-	-	-
2 / Mini Long-Range			-	-	-	0.063	6	0.377	-	-	-	-	-	-	-	-	-	-	-	-
3 / Pocket			-	-	-	-	-	0.015	-	-	-	0.017	18	0.299	-	-	-	0.017	18	0.299
4 / Pocket Retrograde - OCO			-	-	-	0.012	107	1.284	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 10. Hand Held Imagers (HHI)</b>			-	-	<b>5.062</b>	-	-	<b>3.247</b>	-	-	<b>1.932</b>	-	-	<b>0.299</b>	-	-	-	-	-	<b>0.299</b>
<b>11. Visual Augmentation Binocular/Monocular Goggles (VAS-BM)</b>																				
1 / Binocular Night Vision Device (BNVD) (AN/PVS-31)			0.008	1,440	12.054	0.008	1,584	12.881	0.008	1,383	11.064	0.008	1,473	11.785	-	-	-	0.008	1,473	11.785
2 / BNVD (AN/PVS-31) Retrograde OCO			-	-	-	0.008	865	6.920	-	-	-	-	-	-	-	-	-	-	-	-
3 / Clip On Thermal Imager (COTI) (AN/PAS-29)			0.005	355	1.776	0.006	1,085	6.519	0.006	1,349	8.094	0.006	1,358	8.148	-	-	-	0.006	1,358	8.148
4 / COTI (AN/PAS-29) Retrograde OCO			-	-	-	0.006	310	1.860	-	-	-	-	-	-	-	-	-	-	-	-
5 / COTI/BM Production Support Retrograde OCO			-	-	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-
6 / VAS-BM Prior Year Funding			0.042	34	1.425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 11. Visual Augmentation Binocular/Monocular Goggles (VAS-BM)</b>			-	-	<b>15.255</b>	-	-	<b>28.200</b>	-	-	<b>19.158</b>	-	-	<b>19.933</b>	-	-	-	-	-	<b>19.933</b>
<b>12. Visual Augmentation Lasers and Sensor Systems Weapons Accessories (VASWA)</b>																				
1 / Advanced Target Precision Infrared			0.003	217	0.590	0.002	1,271	2.543	0.002	2,135	4.270	0.002	4,715	9.543	-	-	-	0.002	4,715	9.543

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command** **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 02 / 4	<b>P-1 Line Item Number / Title:</b> 0204Warrior / WARRIOR SYSTEMS <\$5M	<b>Aggregated Items Title:</b> WARRIOR SYSTEMS <\$5M
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
Aiming Laser Systems (ATPIAL)																				
2 / ATPIAL Retrograde - OCO			-	-	-	0.002	1,670	3.956	-	-	-	-	-	-	-	-	-	-	-	-
3 / Clip-On Night Vision Device CNVD-I2			-	-	-	0.007	232	1.627	0.007	200	1.404	-	-	-	-	-	-	-	-	-
4 / CNVD-I2 Retrograde - OCO			-	-	-	0.008	415	3.448	-	-	-	-	-	-	-	-	-	-	-	-
5 / CNVD - Thermal			-	-	-	0.007	140	0.982	0.007	121	0.847	-	-	-	-	-	-	-	-	-
6 / CNVD - Thermal Retrograde - OCO			-	-	-	0.008	176	1.468	-	-	-	-	-	-	-	-	-	-	-	-
7 / Enhanced Combat Optical Sights (ECOS) - Carbine			0.000	150	0.038	0.001	1,166	1.166	0.001	1,006	1.006	-	-	-	-	-	-	-	-	-
8 / ECOS - Carbine Retrograde - OCO			-	-	-	0.001	2,653	3.144	-	-	-	-	-	-	-	-	-	-	-	-
9 / ECOS - Close Quarters Combat (CQC)			0.001	246	0.229	0.001	2,965	2.965	0.001	2,559	2.559	-	-	-	-	-	-	-	-	-
10 / ECOS - CQC Retrograde - OCO			-	-	-	0.001	692	0.820	-	-	-	-	-	-	-	-	-	-	-	-
11 / Visible Bright Lights (VBL)			0.000	484	0.136	-	762	0.327	-	62	0.026	-	-	-	-	-	-	-	-	-
12 / VBL Retrograde - OCO			-	-	-	-	1,973	0.791	-	-	-	-	-	-	-	-	-	-	-	-
13 / Enhanced Combat Optical Sights (ECOS) - Optimized			0.003	268	0.804	0.002	968	1.859	0.002	846	1.692	0.003	81	0.244	-	-	-	0.003	81	0.244
14 / Weapons Optics - Congressional Add			-	-	-	-	-	-	0.007	657	4.600	-	-	-	-	-	-	-	-	-
<b>Subtotal: 12. Visual Augmentation Lasers and Sensor Systems Weapons Accessories (VASWA)</b>			-	-	<b>1.797</b>	-	-	<b>25.095</b>	-	-	<b>16.404</b>	-	-	<b>9.787</b>	-	-	-	-	-	<b>9.787</b>
<b>13. SOF Tactical Communications (STC)</b>																				
1 / Hardware - Handheld			0.016	79	1.259	-	-	-	0.016	149	2.391	0.016	8	0.125	-	-	-	0.016	8	0.125
2 / Hardware - Handheld CERP			0.016	948	15.170	0.016	1,096	17.534	0.016	1,018	16.251	0.016	1,744	27.910	-	-	-	0.016	1,744	27.910
3 / Hardware - Manpack CERP			0.035	431	15.086	0.039	214	8.302	0.037	234	8.671	0.039	476	18.482	-	-	-	0.039	476	18.482
4 / Hardware - Manpack Fixed Mount			0.048	13	0.620	-	-	-	0.052	11	0.570	-	-	-	-	-	-	-	-	-
5 / Hardware - High Frequency CERP			0.012	168	2.023	0.012	153	1.834	0.014	124	1.733	0.015	200	3.011	-	-	-	0.015	200	3.011

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
6 / Hardware - Handheld (OCO)			-	-	-	0.016	20	0.320	-	-	-	-	-	-	-	-	-	-	-	
7 / Hardware - Manpack (OCO)			-	-	-	0.043	7	0.300	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 13. SOF Tactical Communications (STC)</b>			-	-	<b>34.158</b>	-	-	<b>28.290</b>	-	-	<b>29.616</b>	-	-	<b>49.528</b>	-	-	-	-	<b>49.528</b>	
<b>14. Radio Integration System (RIS)</b>																				
1 / Hardware Systems			0.820	9	7.380	0.946	1	0.946	0.822	1	0.822	-	-	-	-	-	-	-	-	
2 / RIS CERP			0.488	1	0.488	-	-	-	0.886	4	3.542	0.872	5	4.360	-	-	-	0.872	5	4.360
3 / RIS Lite			-	-	-	0.414	7	2.900	-	-	-	-	-	-	-	-	-	-	-	
4 / RIS Lite CERP			0.456	1	0.456	0.414	2	0.828	0.410	2	0.820	0.396	2	0.792	-	-	-	0.396	2	0.792
<b>Subtotal: 14. Radio Integration System (RIS)</b>			-	-	<b>8.324</b>	-	-	<b>4.674</b>	-	-	<b>5.184</b>	-	-	<b>5.152</b>	-	-	-	-	-	<b>5.152</b>
<b>15. Blue Force Tracking (BFT) Devices</b>																				
1 / BFT Devices			0.008	477	3.818	0.008	225	1.799	0.008	426	3.405	0.008	419	3.352	-	-	-	0.008	419	3.352
<b>Subtotal: 15. Blue Force Tracking (BFT) Devices</b>			-	-	<b>3.818</b>	-	-	<b>1.799</b>	-	-	<b>3.405</b>	-	-	<b>3.352</b>	-	-	-	-	-	<b>3.352</b>
<b>Total</b>			-	-	<b>225.602</b>	-	-	<b>276.590</b>	-	-	<b>205.609</b>	-	-	<b>245.781</b>	-	-	-	-	-	<b>245.781</b>

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>1. Special Communications (SPCOM) Enterprise</b>																				
1 / SPCOM Field Segment Kits			0.158	24	3.787	0.162	22	3.555	0.165	22	3.619	0.160	23	3.688	Continuing			Continuing		
2 / SPCOM Enterprise Segment Services			-	-	0.540	-	-	-	-	-	0.118	-	-	0.120	Continuing			Continuing		
3 / SPCOM Base-End Segment Capabilities			-	-	0.477	-	-	-	-	-	0.097	-	-	0.099	Continuing			Continuing		
<b>Subtotal: 1. Special Communications (SPCOM) Enterprise</b>			-	-	<b>4.804</b>	-	-	<b>3.555</b>	-	-	<b>3.834</b>	-	-	<b>3.907</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>2. SOF Deployable Node (SDN)</b>																				
1 / SDN Heavy Hardware - Capital Equipment Replacement Program (CERP)			1.016	7	7.114	1.133	8	9.065	1.118	7	7.829	1.049	9	9.440	Continuing			Continuing		
2 / SDN Medium Hardware - CERP			0.384	43	16.530	0.393	44	17.277	0.426	40	17.058	0.424	41	17.388	Continuing			Continuing		
3 / SDN Medium Hardware - Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.572	10	5.717

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4					P-1 Line Item Number / Title: 0204Warrior / WARRIOR SYSTEMS <\$5M										Aggregated Items Title: WARRIOR SYSTEMS <\$5M					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
4 / SDN Light Hardware			-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
5 / SDN Light Hardware - CERP			0.150	209	31.280	0.156	203	31.767	0.162	213	34.440	0.166	212	35.129	Continuing			Continuing		
6 / SDN Light Hardware - Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.173	59	10.207	
7 / Full Motion Video Evolutionary Technology Insertion (ETI) CERP			-	-	0.945	-	-	0.963	-	-	0.982	-	-	1.002	Continuing			Continuing		
8 / Comms-On-the-Move ETI			-	-	1.022	-	-	0.990	-	-	1.010	-	-	1.030	Continuing			Continuing		
9 / Comms-On-the-Move ETI - CERP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 / Extension Package CERP			0.392	3	1.175	0.408	3	1.224	0.400	3	1.199	0.407	3	1.223	Continuing			Continuing		
11 / Extension Package - Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.399	5	1.994	
12 / Mobile SOF Strategic Entry Point			-	-	-	3.104	1	3.104	3.166	1	3.166	3.229	1	3.229	Continuing			Continuing		
13 / Joint Task Force			-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.050	3	9.149	
14 / 3G/4G Wireless Capability			-	-	-	-	-	1.547	-	-	1.561	-	-	1.509	Continuing			Continuing		
15 / Light Vx Variant - CERP			0.096	44	4.224	0.105	38	3.993	0.117	40	4.690	0.120	40	4.781	Continuing			Continuing		
16 / Ku Spread Spectrum (KuSS)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.394	7	16.759	
17 / KuSS - CERP			2.036	4	8.143	2.081	4	8.324	2.102	5	10.510	2.148	5	10.739	Continuing			Continuing		
18 / Predator Receive Terminal (PRT)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.065	5	10.323	
19 / PRT - CERP			4.113	1	4.113	3.278	2	6.556	3.354	2	6.708	2.941	3	8.823	Continuing			Continuing		
20 / SDN Full Motion Video SAAF - CERP			0.780	1	0.780	-	-	-	-	-	-	-	-	-	-	-	0.780	1	0.780	
21 / SOFTACS Ku Spread Spectrum Ingest Hub Sustainment (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.557	
<b>Subtotal: 2. SOF Deployable Node (SDN)</b>			-	-	<b>75.326</b>	-	-	<b>84.810</b>	-	-	<b>89.153</b>	-	-	<b>94.293</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>3. SCAMPI</b>																				
1 / Node Optimization/Retrofits/CERP			0.737	10	7.371	0.749	11	8.239	0.774	11	8.517	0.822	13	10.687	Continuing			Continuing		
2 / Node Optimization			0.880	11	9.679	0.890	11	9.786	0.951	8	7.605	0.970	8	7.757	Continuing			Continuing		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / Tactical Gateways (New/Upgrades) - SOCOM Strategic Entry Points - CERP			2.851	3	8.552	2.493	4	9.973	3.303	3	9.910	4.036	3	12.108	Continuing			Continuing		
4 / Full Motion Video (FMV) ETI			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.779	4	3.114	
5 / Media Ports (MPs)			0.637	1	0.637	0.650	1	0.650	0.663	1	0.663	0.676	1	0.676	Continuing			Continuing		
6 / FMV SDN LUX Gateways - CERP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.181	2	2.361	
<b>Subtotal: 3. SCAMPI</b>			-	-	<b>26.239</b>	-	-	<b>28.648</b>	-	-	<b>26.695</b>	-	-	<b>31.228</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>4. Joint Tactical C4I Transceiver System</b>																				
1 / Display Device			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.028	577	16.136	
<b>Subtotal: 4. Joint Tactical C4I Transceiver System</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>16.136</b>	
<b>5. Weapons</b>																				
A.1 / Advanced Lightweight Grenade Launcher (ALGL) Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.160	21	3.362	
A.2 / ALGL Computerized Sight Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.207	25	5.185	
B.1 / CAR 7.62mm Heavy Rifle			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	259	1.451	
B.2 / CAR 7.62mm Heavy Rifle Production Support			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B.3 / CAR 7.62mm Heavy Rifle - Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.004	256	1.022	
C.1 / Family of Sniper Weapons Systems (FSWS) .300 WINMAG Rifles			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	95	0.789	
C.2 / FSWS Precision Sniper Rifle (PSR)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.030	20	0.590	
C.3 / FSWS PSR Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.010	29	0.290	
D.1 / Machine Guns (MG) 5.56mm			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.009	57	0.505	
D.2 / MG 5.56mm Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.009	8	0.072	
D.3 / MG 5.56mm Production Support			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D.4 / MG 7.62mm			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	4	0.031	



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command															Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity: 0300D / 02 / 4					P-1 Line Item Number / Title: 0204Warrior / WARRIOR SYSTEMS <\$5M										Aggregated Items Title: WARRIOR SYSTEMS <\$5M					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
D.5 / MG 7.62mm Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	74	0.962	
D.6 / MG 7.62mm Mini-Gun			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.034	
D.7 / MG 7.62mm Mini-Gun Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.105	32	3.360	
E.1 / Weapons-Rifles-Upper Receiver Group (URG)			0.006	351	2.110	0.006	326	1.958	0.006	341	2.087	0.006	357	2.146	Continuing			Continuing		
E.2a / Weapons-Sniper Rifles-MK 13			0.008	75	0.600	0.008	75	0.600	0.008	75	0.600	0.008	75	0.600	Continuing			Continuing		
E.2b / Weapons-Sniper Rifles-MK 15			0.008	42	0.336	0.008	42	0.350	0.009	42	0.370	0.009	42	0.377	Continuing			Continuing		
E.3a / Weapons-Machine Guns-MK 44			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.087	112	9.757	
E.3b / Weapons-Machine Guns-MK 46			0.115	35	4.009	0.107	34	3.633	0.113	35	3.954	0.118	34	4.013	Continuing			Continuing		
E.4 / Weapons-Handguns-Glock 19			0.001	792	0.792	0.001	797	0.797	0.001	803	0.803	0.001	808	0.808	Continuing			Continuing		
F.1 / WA Rail Interface System Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	708	0.708	
F.2 / WA Family of Muzzle Brakes and Suppressors (FMBS)-C			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	2,827	2.857	
F.3 / WA FMBS-C Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	572	0.572	
F.4 / WA Visible Bright Light Illuminator			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.009	
G.1 / Weapons Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.476	
<b>Subtotal: 5. Weapons</b>			-	-	<b>7.847</b>	-	-	<b>7.338</b>	-	-	<b>7.814</b>	-	-	<b>7.944</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>6. Tactical Combat Casualty Care (TCCC)</b>																				
1 / Sets			0.185	1	0.185	-	-	-	-	-	-	-	-	-	-	-	0.173	106	18.324	
2 / Production Support			-	-	0.067	-	-	-	-	-	-	-	-	-	-	-	-	-	0.549	
3 / OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.129	122	15.765	
4 / Production Support OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.112	
<b>Subtotal: 6. Tactical Combat Casualty Care (TCCC)</b>			-	-	<b>0.252</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>34.792</b>	
<b>7. Counter Radio Controlled - Improved Explosive Device (RC-CIED)</b>																				
1 / Devices			0.249	100	24.900	0.249	100	24.900	0.250	50	12.500	0.250	51	12.750	Continuing			Continuing		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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 / Devices - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.247	50	12.350	
3 / Production Support			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.200	
4 / New Equipment Training			-	-	0.105	-	-	0.105	-	-	0.042	-	-	0.043	-	-	-	-	0.345	
5 / New Equipment Training - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.150	
6 / Ancillary Equipment			-	-	1.025	-	-	1.600	-	-	0.336	-	-	0.345	-	-	-	-	7.606	
7 / Ancillary Equipment - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	
8 / Initial Spares			-	-	2.098	-	-	2.095	-	-	-	-	-	-	-	-	-	-	7.441	
9 / Initial Spares - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.500	
<b>Subtotal: 7. Counter Radio Controlled - Improvised Explosive Device (RC-CIED)</b>			-	-	<b>28.128</b>	-	-	<b>28.700</b>	-	-	<b>12.878</b>	-	-	<b>13.138</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>8. Improved Night/Day Observation/Fire Control (INOD)</b>																				
1 / Block III Devices (Next Generation)			0.065	14	0.913	0.070	9	0.628	0.053	54	2.854	0.076	47	3.576	Continuing			Continuing		
2 / Block III Devices (Next Generation) Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060	138	8.280	
<b>Subtotal: 8. Improved Night/Day Observation/Fire Control (INOD)</b>			-	-	<b>0.913</b>	-	-	<b>0.628</b>	-	-	<b>2.854</b>	-	-	<b>3.576</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>9. Laser Acquisition Markers (LAM)</b>																				
1 / Infrared Sights			0.033	18	0.591	0.053	23	1.228	0.055	15	0.830	0.052	17	0.879	Continuing			Continuing		
2 / Infrared Sights Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.040	15	0.600	
3 / Handheld Laser Marker (HLM)			0.051	18	0.909	0.030	33	0.986	0.031	15	0.460	0.030	17	0.508	Continuing			Continuing		
4 / Production Support Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.030	
5 / Small Target Location Device			0.107	12	1.278	0.107	10	1.073	0.118	13	1.537	0.118	13	1.537	Continuing			Continuing		
<b>Subtotal: 9. Laser Acquisition Markers (LAM)</b>			-	-	<b>2.778</b>	-	-	<b>3.289</b>	-	-	<b>2.827</b>	-	-	<b>2.924</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>10. Hand Held Imagers (HHI)</b>																				
1 / Long Range			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.064	133	8.565	
2 / Mini Long-Range			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.063	6	0.377	
3 / Pocket			0.017	18	0.304	0.016	19	0.309	0.017	19	0.314	0.016	20	0.320	Continuing			Continuing		
4 / Pocket Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.012	107	1.284	

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost				
			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)		
<b>Subtotal: 10. Hand Held Imagers (HHI)</b>			-	-	0.304	-	-	0.309	-	-	0.314	-	-	0.320	Continuing			Continuing				
<b>11. Visual Augmentation Binocular/Monocular Goggles (VAS-BM)</b>																						
1 / Binocular Night Vision Device (BNVD) (AN/PVS-31)			0.008	1,107	8.476	0.008	1,479	11.319	0.008	1,508	11.549	0.008	1,545	11.825	Continuing			Continuing				
2 / BNVD (AN/PVS-31) Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	865	6.920			
3 / Clip On Thermal Imager (COTI) (AN/PAS-29)			0.006	882	5.293	0.006	277	1.662	0.006	285	1.711	0.006	283	1.703	Continuing			Continuing				
4 / COTI (AN/PAS-29) Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	310	1.860			
5 / COTI/BM Production Support Retrograde OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.020		
6 / VAS-BM Prior Year Funding			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.042	34	1.425			
<b>Subtotal: 11. Visual Augmentation Binocular/Monocular Goggles (VAS-BM)</b>			-	-	13.769	-	-	12.981	-	-	13.260	-	-	13.528	Continuing			Continuing				
<b>12. Visual Augmentation Lasers and Sensor Systems Weapons Accessories (VASWA)</b>																						
1 / Advanced Target Precision Infrared Aiming Laser Systems (ATPIAL)			0.002	4,050	8.100	0.002	4,254	8.508	0.002	2,984	5.968	0.002	748	1.496	Continuing			Continuing				
2 / ATPIAL Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	1,670	3.956			
3 / Clip-On Night Vision Device CNVD-I2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
4 / CNVD-I2 Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	415	3.448			
5 / CNVD - Thermal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
6 / CNVD - Thermal Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.008	176	1.468			
7 / Enhanced Combat Optical Sights (ECOS) - Carbine			-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
8 / ECOS - Carbine Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	2,653	3.144			
9 / ECOS - Close Quarters Combat (CQC)			0.001	1,474	1.474	0.001	1,466	1.466	0.001	4,196	4.196	0.001	8,876	8.876	Continuing			Continuing				

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command** **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
10 / ECOS - CQC Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	692	0.820	
11 / Visible Bright Lights (VBL)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,308	0.489	
12 / VBL Retrograde - OCO			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,973	0.791	
13 / Enhanced Combat Optical Sights (ECOS) - Optimized			0.003	90	0.270	0.003	92	0.277	0.003	91	0.274	0.003	91	0.275	Continuing			Continuing		
14 / Weapons Optics - Congressional Add			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: 12. Visual Augmentation Lasers and Sensor Systems Weapons Accessories (VASWA)</b>			-	-	<b>9.844</b>	-	-	<b>10.251</b>	-	-	<b>10.438</b>	-	-	<b>10.647</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>13. SOF Tactical Communications (STC)</b>																				
1 / Hardware - Handheld			0.016	8	0.128	0.016	8	0.131	0.017	8	0.132	0.016	9	0.146	Continuing			Continuing		
2 / Hardware - Handheld CERP			0.017	1,688	27.980	0.017	1,429	24.758	0.017	1,447	24.984	0.018	1,467	25.876	Continuing			Continuing		
3 / Hardware - Manpack CERP			0.041	462	18.864	0.045	426	19.037	0.046	417	19.354	0.046	426	19.616	Continuing			Continuing		
4 / Hardware - Manpack Fixed Mount			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.050	24	1.190	
5 / Hardware - High Frequency CERP			0.016	200	3.182	0.018	170	3.129	0.019	146	2.773	0.017	162	2.748	Continuing			Continuing		
6 / Hardware - Handheld (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.016	20	0.320	
7 / Hardware - Manpack (OCO)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.043	7	0.300	
<b>Subtotal: 13. SOF Tactical Communications (STC)</b>			-	-	<b>50.154</b>	-	-	<b>47.055</b>	-	-	<b>47.243</b>	-	-	<b>48.386</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>14. Radio Integration System (RIS)</b>																				
1 / Hardware Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.832	11	9.148	
2 / RIS CERP			0.820	2	1.640	0.681	3	2.042	0.737	5	3.684	0.765	4	3.059	Continuing			Continuing		
3 / RIS Lite			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.414	7	2.900	
4 / RIS Lite CERP			0.402	1	0.402	0.432	1	0.432	0.414	1	0.414	0.423	1	0.423	Continuing			Continuing		
<b>Subtotal: 14. Radio Integration System (RIS)</b>			-	-	<b>2.042</b>	-	-	<b>2.474</b>	-	-	<b>4.098</b>	-	-	<b>3.482</b>	<b>Continuing</b>			<b>Continuing</b>		
<b>15. Blue Force Tracking (BFT) Devices</b>																				
1 / BFT Devices			0.008	425	3.403	0.008	298	2.380	0.008	303	2.424	0.008	315	2.518	Continuing			Continuing		
<b>Subtotal: 15. Blue Force Tracking (BFT) Devices</b>			-	-	<b>3.403</b>	-	-	<b>2.380</b>	-	-	<b>2.424</b>	-	-	<b>2.518</b>	<b>Continuing</b>			<b>Continuing</b>		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

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

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Total</b>			-	-	225.803	-	-	232.418	-	-	223.832	-	-	235.891	Continuing			Continuing		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0206CMR / COMBAT MISSION REQUIREMENTS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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<b>Line Item MDAP/MAIS Code:</b> N/A	<b>Item MDAP/MAIS Code(s):</b> N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	407.188	19.984	19.693	19.566	-	19.566	19.570	19.577	19.969	20.369	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	407.188	19.984	19.693	19.566	-	19.566	19.570	19.577	19.969	20.369	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>407.188</b>	<b>19.984</b>	<b>19.693</b>	<b>19.566</b>	<b>-</b>	<b>19.566</b>	<b>19.570</b>	<b>19.577</b>	<b>19.969</b>	<b>20.369</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 a quarterly report to Congress that describes the CMNS approved that quarter.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

**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:** N/A **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Combat Mission Requirements			- / 407.188	- / 19.984	- / 19.693	- / 19.566	- / -	- / 19.566
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 407.188</b>	<b>- / 19.984</b>	<b>- / 19.693</b>	<b>- / 19.566</b>	<b>- / -</b>	<b>- / 19.566</b>

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	Combat Mission Requirements			- / 19.570	- / 19.577	- / 19.969	- / 20.369	Continuing	Continuing
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 19.570</b>	<b>- / 19.577</b>	<b>- / 19.969</b>	<b>- / 20.369</b>	<b>Continuing</b>	<b>Continuing</b>

\*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 2017 PROGRAM JUSTIFICATION: Procure various equipment to rectify emergent critical equipment shortfalls identified by GCCs, and submitted and approved through the CMNS process or directed by Commander, USSOCOM.



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 United States Special Operations Command																Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:						Aggregated Items Title:									
0300D / 02 / 4						0206CMR / COMBAT MISSION REQUIREMENTS						Combat Mission Requirements									
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)	
<b>Combat Mission Needs Requirements</b>																					
1 / Critical Emergent Combat Mission Needs			-	-	-	-	-	10.916	-	-	19.693	-	-	19.566	-	-	-	-	-	19.566	
<b>Subtotal: Combat Mission Needs Requirements</b>			-	-	-	-	-	<b>10.916</b>	-	-	<b>19.693</b>	-	-	<b>19.566</b>	-	-	-	-	-	<b>19.566</b>	
<b>U-28A Multi-Spectral Targeting System B</b>																					
1 / Group B Kits			-	-	-	1.566	5	7.830	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: U-28A Multi-Spectral Targeting System B</b>			-	-	-	-	-	<b>7.830</b>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Non-Standard Commercial Vehicles</b>																					
1 / Toyota Hilux Trucks w/C4 Kits			-	-	-	0.309	4	1.238	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: Non-Standard Commercial Vehicles</b>			-	-	-	-	-	<b>1.238</b>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Prior Year</b>																					
1 / Prior Year			-	-	407.188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal: Prior Year</b>			-	-	<b>407.188</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>407.188</b>	-	-	<b>19.984</b>	-	-	<b>19.693</b>	-	-	<b>19.566</b>	-	-	-	-	-	<b>19.566</b>	
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost			
			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)	
<b>Combat Mission Needs Requirements</b>																					
1 / Critical Emergent Combat Mission Needs			-	-	19.570	-	-	19.577	-	-	19.969	-	-	20.369	Continuing			Continuing			
<b>Subtotal: Combat Mission Needs Requirements</b>			-	-	<b>19.570</b>	-	-	<b>19.577</b>	-	-	<b>19.969</b>	-	-	<b>20.369</b>	<b>Continuing</b>			<b>Continuing</b>			
<b>U-28A Multi-Spectral Targeting System B</b>																					
1 / Group B Kits			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.566	5	7.830	
<b>Subtotal: U-28A Multi-Spectral Targeting System B</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>7.830</b>
<b>Non-Standard Commercial Vehicles</b>																					
1 / Toyota Hilux Trucks w/C4 Kits			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.238	
<b>Subtotal: Non-Standard Commercial Vehicles</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1.238</b>
<b>Prior Year</b>																					
1 / Prior Year			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	407.188	
<b>Subtotal: Prior Year</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>407.188</b>

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2017 United States Special Operations Command **Date:** February 2016

**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	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
			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)
<b>Total</b>			-	-	19.570	-	-	19.577	-	-	19.969	-	-	20.369	Continuing			Continuing		

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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0607GVSA / GLOBAL VIDEO SURVEILLANCE ACTIVITIES
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	55.625	5.040	3.967	3.437	-	3.437	3.589	6.336	5.861	5.976	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	55.625	5.040	3.967	3.437	-	3.437	3.589	6.336	5.861	5.976	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>55.625</b>	<b>5.040</b>	<b>3.967</b>	<b>3.437</b>	-	<b>3.437</b>	<b>3.589</b>	<b>6.336</b>	<b>5.861</b>	<b>5.976</b>	<b>Continuing</b>	<b>Continuing</b>

*(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.

The FY 2017 funding request was reduced by \$0.358 million to account for the availability of prior year execution balances.

**Justification:**

Details provided under separate cover.

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 0607OEI / OPERATIONAL ENHANCEMENTS INTELLIGENCE
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	258.250	29.104	19.225	17.299	-	17.299	17.953	18.670	17.311	17.141	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	258.250	29.104	19.225	17.299	-	17.299	17.953	18.670	17.311	17.141	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>258.250</b>	<b>29.104</b>	<b>19.225</b>	<b>17.299</b>	<b>-</b>	<b>17.299</b>	<b>17.953</b>	<b>18.670</b>	<b>17.311</b>	<b>17.141</b>	<b>Continuing</b>	<b>Continuing</b>

*(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.

**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 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 2000DRUGID / DRUG INTERDICTION
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	24.032	7.190	-	-	-	-	-	-	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	24.032	7.190	-	-	-	-	-	-	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>24.032</b>	<b>7.190</b>	-	-	-	-	-	-	-	-	-	-

*(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:**

Funds are appropriated in a central transfer account and reprogrammed into this line in execution to support drug interdiction efforts.

**Justification:**

FY 2017 PROGRAM JUSTIFICATION: None

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**Exhibit P-40, Budget Line Item Justification:** PB 2017 United States Special Operations Command **Date:** February 2016

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs	<b>P-1 Line Item Number / Title:</b> 2143369000 / OPERATIONAL ENHANCEMENTS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 1160408BB
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	4,949.525	235.914	279.289	219.945	42.056	262.001	226.242	229.417	231.787	237.287	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	4,949.525	235.914	279.289	219.945	42.056	262.001	226.242	229.417	231.787	237.287	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>4,949.525</b>	<b>235.914</b>	<b>279.289</b>	<b>219.945</b>	<b>42.056</b>	<b>262.001</b>	<b>226.242</b>	<b>229.417</b>	<b>231.787</b>	<b>237.287</b>	<b>Continuing</b>	<b>Continuing</b>

*(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.

**Justification:**

Details provided under separate cover.

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