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**Department of Defense
Fiscal Year (FY) 2017 Request for Additional Appropriations**

March 2017



United States Special Operations Command

Defense-Wide Justification Book Volume 1 of 2

Procurement, Defense-Wide

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United States Special Operations Command • Request for Additional Appropriations FY 2017 • Procurement

Table of Volumes

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

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Joint Urgent Operational Needs Fund..... Volume 1
Missile Defense Agency..... Volume 2

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United States Special Operations Command • Request for Additional Appropriations FY 2017 • Procurement

Volume 1 Table of Contents

Comptroller Exhibit P-1.....Volume 1 - v
Line Item Table of Contents (Alphabetically by Line Item Title)..... Volume 1 - xxv
USSOCOM Organizations..... Volume 1 - xxvii
Acronyms..... Volume 1 - xxix
Exhibit P-40s..... Volume 1 - 1

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Defense-Wide

March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

13 Mar 2017

Appropriation -----	FY 2017 PB Request Base -----	FY 2017 Mar Amended Request Base -----	FY 2017 Revised PB Request Base -----
Procurement, Defense-Wide	1,594,054	165,350	1,759,404
Total Defense-Wide	1,594,054	165,350	1,759,404

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(Dollars in Thousands)

13 Mar 2017

Appropriation -----	FY 2017 PB Request OCO -----	FY 2017 Nov Amended Request OCO -----	FY 2017 Mar Amended Request OCO -----	FY 2017 Total OCO Request -----
Procurement, Defense-Wide	200,052		135,835	335,887
Total Defense-Wide	200,052		135,835	335,887

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(Dollars in Thousands)

13 Mar 2017

Appropriation	FY 2017 Less Enacted Div.B,P.L. 114-254 OCO	FY 2017 Remaining PB Request OCO
-----	-----	-----
Procurement, Defense-Wide		335,887
Total Defense-Wide		335,887

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 (Dollars in Thousands) 13 Mar 2017

Appropriation -----	FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO -----	FY 2017 Mar Amended Request Base+OCO -----	FY 2017 PB Remaining Base+OCO -----
Procurement, Defense-Wide	1,794,106	301,185	2,095,291
Total Defense-Wide	1,794,106	301,185	2,095,291

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Organization: Procurement, Defense-Wide	FY 2017 PB Request Base	FY 2017 Mar Amended Request Base	FY 2017 Revised PB Request Base
U.S., Special Operations Command, SOCOM	1,594,054	165,350	1,759,404
Total	1,594,054	165,350	1,759,404

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Defense-Wide

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Organization: Procurement, Defense-Wide		
-----	-----	-----
U.S., Special Operations Command, SOCOM		335,887
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Defense-Wide

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13 Mar 2017

Appropriation: Procurement, Defense-Wide

Budget Activity -----	FY 2017 PB Request Base -----	FY 2017 Mar Amended Request Base -----	FY 2017 Revised PB Request Base -----
02. Special Operations Command	1,594,054	165,350	1,759,404
Total Procurement, Defense-Wide	1,594,054	165,350	1,759,404

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Defense-Wide

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Total Procurement, Defense-Wide	200,052		135,835	335,887

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Budget Activity -----	FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO -----	FY 2017 Mar Amended Request Base+OCO -----	FY 2017 PB Remaining Base+OCO -----
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Total Procurement, Defense-Wide	1,794,106	301,185	2,095,291

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Defense-Wide

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 Total Obligational Authority
 (Dollars in Thousands)

13 Mar 2017

Appropriation: 0300D Procurement, Defense-Wide

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request Base		FY 2017 Mar Amended Request Base		FY 2017 Revised PB Request Base		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command									

Aviation Programs									
36	Manned ISR								U
37	MC-12								U
38	MH-60 Blackhawk	A							U
39	Rotary Wing Upgrades and Sustainment			150,396		4,000		154,396	U
40	Unmanned ISR	A		21,190		41,550		62,740	U
41	Non-Standard Aviation			4,905				4,905	U
42	U-28			3,970		26,300		30,270	U
43	MH-47 Chinook			25,022				25,022	U
44	CV-22 Modification			19,008		5,700		24,708	U
45	MQ-9 Unmanned Aerial Vehicle			10,598				10,598	U
46	Precision Strike Package			213,122		30,500		243,622	U
47	AC/MC-130J			73,548		6,500		80,048	U
48	C-130 Modifications			32,970				32,970	U
Shipbuilding									
49	Underwater Systems			37,098				37,098	U
Ammunition Programs									
50	Ordnance Items <\$5M			105,267				105,267	U

P-1AMF: Budget Amendment to the FY 2017 President's Budget Request (Published Version), as of March 13, 2017 at 10:54:15

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Defense-Wide

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Appropriation: 0300D Procurement, Defense-Wide

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request OCO		FY 2017 Nov Amended Request OCO		FY 2017 Mar Amended Request OCO		FY 2017 Total OCO Request		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command											

Aviation Programs											
36	Manned ISR							4,800		4,800	U
37	MC-12			5,000				15,000		20,000	U
38	MH-60 Blackhawk	A						18,600		18,600	U
39	Rotary Wing Upgrades and Sustainment										U
40	Unmanned ISR	A		11,880				6,200		18,080	U
41	Non-Standard Aviation										U
42	U-28			38,283				18,000		56,283	U
43	MH-47 Chinook										U
44	CV-22 Modification										U
45	MQ-9 Unmanned Aerial Vehicle							43,435		43,435	U
46	Precision Strike Package										U
47	AC/MC-130J										U
48	C-130 Modifications										U
Shipbuilding											
49	Underwater Systems										U
Ammunition Programs											
50	Ordnance Items <\$5M			52,504				9,000		61,504	U

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UNCLASSIFIED

Defense-Wide

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			Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command							
Aviation Programs							
36	Manned ISR				4,800		U
37	MC-12				20,000		U
38	MH-60 Blackhawk	A			18,600		U
39	Rotary Wing Upgrades and Sustainment						U
40	Unmanned ISR	A			18,080		U
41	Non-Standard Aviation						U
42	U-28				56,283		U
43	MH-47 Chinook						U
44	CV-22 Modification						U
45	MQ-9 Unmanned Aerial Vehicle				43,435		U
46	Precision Strike Package						U
47	AC/MC-130J						U
48	C-130 Modifications						U
Shipbuilding							
49	Underwater Systems						U
Ammunition Programs							
50	Ordnance Items <\$5M				61,504		U

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UNCLASSIFIED

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Special Operations Command									
Aviation Programs									
36	Manned ISR					4,800		4,800	U
37	MC-12			5,000		15,000		20,000	U
38	MH-60 Blackhawk	A				18,600		18,600	U
39	Rotary Wing Upgrades and Sustainment			150,396		4,000		154,396	U
40	Unmanned ISR	A		33,070		47,750		80,820	U
41	Non-Standard Aviation			4,905				4,905	U
42	U-28			42,253		44,300		86,553	U
43	MH-47 Chinook			25,022				25,022	U
44	CV-22 Modification			19,008		5,700		24,708	U
45	MQ-9 Unmanned Aerial Vehicle			10,598		43,435		54,033	U
46	Precision Strike Package			213,122		30,500		243,622	U
47	AC/MC-130J			73,548		6,500		80,048	U
48	C-130 Modifications			32,970				32,970	U
Shipbuilding									
49	Underwater Systems			37,098				37,098	U
Ammunition Programs									
50	Ordnance Items <\$5M			157,771		9,000		166,771	U

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UNCLASSIFIED

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Appropriation: 0300D Procurement, Defense-Wide

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request Base		FY 2017 Mar Amended Request Base		FY 2017 Revised PB Request Base		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Procurement Programs									
51	Intelligence Systems			79,963		2,200		82,163	U
52	Distributed Common Ground/Surface Systems			13,432				13,432	U
53	Other Items <\$5M			66,436				66,436	U
54	Combatant Craft Systems			55,820				55,820	U
55	Special Programs			107,432				107,432	U
56	Tactical Vehicles			67,849				67,849	U
57	Warrior Systems <\$5M			245,781		600		246,381	U
58	Combat Mission Requirements			19,566		40,000		59,566	U
59	Global Video Surveillance Activities			3,437				3,437	U
60	Operational Enhancements Intelligence			17,299				17,299	U
61	Operational Enhancements			219,945		8,000		227,945	U
Total Special Operations Command				1,594,054		165,350		1,759,404	
Total Procurement, Defense-Wide				1,594,054		165,350		1,759,404	

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Procurement Programs											
51	Intelligence Systems			22,000						22,000	U
52	Distributed Common Ground/Surface Systems							1,800		1,800	U
53	Other Items <\$5M			11,580						11,580	U
54	Combatant Craft Systems										U
55	Special Programs			13,549						13,549	U
56	Tactical Vehicles			3,200						3,200	U
57	Warrior Systems <\$5M										U
58	Combat Mission Requirements										U
59	Global Video Surveillance Activities										U
60	Operational Enhancements Intelligence										U
61	Operational Enhancements			42,056				19,000		61,056	U
Total Special Operations Command				200,052				135,835		335,887	
Total Procurement, Defense-Wide				200,052				135,835		335,887	

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			Quantity	Cost	Quantity	Cost	
Other Procurement Programs							
51	Intelligence Systems				22,000		U
52	Distributed Common Ground/Surface Systems				1,800		U
53	Other Items <\$5M				11,580		U
54	Combatant Craft Systems						U
55	Special Programs				13,549		U
56	Tactical Vehicles				3,200		U
57	Warrior Systems <\$5M						U
58	Combat Mission Requirements						U
59	Global Video Surveillance Activities						U
60	Operational Enhancements Intelligence						U
61	Operational Enhancements				61,056		U
Total Special Operations Command					335,887		
Total Procurement, Defense-Wide					335,887		

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Procurement Programs									
51	Intelligence Systems			101,963		2,200		104,163	U
52	Distributed Common Ground/Surface Systems			13,432		1,800		15,232	U
53	Other Items <\$5M			78,016				78,016	U
54	Combatant Craft Systems			55,820				55,820	U
55	Special Programs			120,981				120,981	U
56	Tactical Vehicles			71,049				71,049	U
57	Warrior Systems <\$5M			245,781		600		246,381	U
58	Combat Mission Requirements			19,566		40,000		59,566	U
59	Global Video Surveillance Activities			3,437				3,437	U
60	Operational Enhancements Intelligence			17,299				17,299	U
61	Operational Enhancements			262,001		27,000		289,001	U
Total Special Operations Command				1,794,106		301,185		2,095,291	
Total Procurement, Defense-Wide				1,794,106		301,185		2,095,291	

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United States Special Operations Command • Request for Additional Appropriations FY 2017 • Procurement

Line Item Table of Contents (Alphabetically by Line Item Title)

Line Item Title	Line Item Number	Line #	BA	BSA	Page
AC/MC-130J	2012C130J	47	02	01.....	Volume 1 - 21
COMBAT MISSION REQUIREMENTS	0206CMR	58	02	04.....	Volume 1 - 35
CV-22 MODIFICATION	1000CV2200	44	02	01.....	Volume 1 - 15
DISTRIBUTED COMMON GROUND/SURFACE SYSTEM	020401INTL	52	02	04.....	Volume 1 - 29
INTELLIGENCE SYSTEMS	020400INTL	51	02	04.....	Volume 1 - 25
MANNED ISR	0201MANISR	36	02	01.....	Volume 1 - 1
MC-12	0201MC12	37	02	01.....	Volume 1 - 3
MH-60 BLACKHAWK	0205MH60SL	38	02	01.....	Volume 1 - 5
MQ-9 UNMANNED AERIAL VEHICLE	1108MQ9	45	02	01.....	Volume 1 - 17
OPERATIONAL ENHANCEMENTS	2143369000	61	02	04.....	Volume 1 - 37
ORDNANCE ITEMS <\$5M	0203ORDN	50	02	03.....	Volume 1 - 23
PRECISION STRIKE PACKAGE	1202PSP	46	02	01.....	Volume 1 - 19
ROTARY WING UPGRADES AND SUSTAINMENT	0201RWUPGR	39	02	01.....	Volume 1 - 7
U-28	0607U28	42	02	01.....	Volume 1 - 13
UNMANNED ISR	0201UMNISR	40	02	01.....	Volume 1 - 11
WARRIOR SYSTEMS <\$5M	0204Warrior	57	02	04.....	Volume 1 - 31

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ORGANIZATIONS

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

Acronym	Full Naming Convention
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: Request for Additional Appropriations 2017 United States Special Operations Command	Date: March 2017
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Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201MANISR / MANNED ISR
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 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>	-	-	-	-	4.800	4.800	-	-	-	-	-	4.800
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	-	-	4.800	4.800	-	-	-	-	-	4.800
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	-	4.800	4.800	-	-	-	-	-	4.800

(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 P1 Line Item is part of the Military Intelligence Program. It includes programs which provide for Intelligence, Surveillance, and Reconnaissance (ISR) in support of irregular warfare operations. Primary mission emphasis is on signals intelligence, imagery, target acquisition, threat warning, threat identification, and surveillance missions. Includes avionics, and sensor maintenance, peculiar and support equipment, communication systems, common datalink systems, training, trainers, and the associated ground processing, exploitation and dissemination system.

Justification:

FY 2017 OCO AMENDED BUDGET REQUEST JUSTIFICATION: \$4.800 million is required to address emergency warfighting readiness requirements. Effort provides signal intelligence for ISR platforms operating in Africa Command area of operations. Funding will procure various classified sensors.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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	-	20.000	20.000	-	-	-	-	-	78.992
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	53.992	-	5.000	-	20.000	20.000	-	-	-	-	-	78.992
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	53.992	-	5.000	-	20.000	20.000	-	-	-	-	-	78.992

(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.

Justification:

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

FY 2017 OCO AMENDED BUDGET REQUEST JUSTIFICATION: \$15.000 million is required to address emergency warfighting readiness requirements. Javaman Global Positioning System (GPS) improvements provide the ability to operate in a GPS degraded environment. This is an urgent need to prevent mission failure in ongoing C-ISIS operation. Procures and integrates Controlled Reception Pattern Antennae signal input compatibility upgrades to cockpit avionics on 11 Javaman aircraft in response to Combat Mission Needs Statement 227.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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:** 0205MH60SL / MH-60 BLACKHAWK

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160482BB

Line Item MDAP/MAIS Code: 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>)	886.792	19.821	-	-	18.600	18.600	-	-	-	-	-	925.213
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	886.792	19.821	-	-	18.600	18.600	-	-	-	-	-	925.213
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	886.792	19.821	-	-	18.600	18.600	-	-	-	-	-	925.213

(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.

Justification:

FY 2017 OVERSEAS CONTINGENCY OPERATIONS AMENDED BUDGET REQUEST JUSTIFICATION: \$18.600 million is required to address emergency warfighting readiness requirements. USSOCOM experienced a battleloss in August 2015 of one MH-60M Blackhawk helicopter. Army has designated an airframe to be used and are awaiting SOF to take delivery of the aircraft. Procures and installs SOF special mission equipment.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs
P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160403BB, 1160427BB, 1160482BB

Line Item MDAP/MAIS Code: 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>)	2,285.845	163.006	135.985	154.396	-	154.396	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	154.396	-	154.396	169.686	147.659	139.536	144.361	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,285.845	163.006	135.985	154.396	-	154.396	169.686	147.659	139.536	144.361	Continuing	Continuing
<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>)	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).

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.

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.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
Line Item MDAP/MAIS Code: N/A		
<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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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
Line Item MDAP/MAIS Code: 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 Joint Urgent Operational Need Statement (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>FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$4.000 million is required to address emergency warfighting readiness requirements. The Advance Boresight Equipment (ABE) is an ASE maintenance test set that provides a gyro-stabilized system capable of providing universal, angular measurements of ASE electro-optical sensor systems in austere locations and environments without the need for placing the aircraft on jacks and/or in a hangar. The procurement of laser turret assemblies in support of JUONS SO-0010 has increased the need for additional test sets and modification of current boresight equipment on-hand to support systems installation and alignment. Procures three ABE systems.</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>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs		P-1 Line Item Number / Title: 0201RWUPGR / ROTARY WING UPGRADES AND SUSTAINMENT
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160403BB, 1160427BB, 1160482BB
Line Item MDAP/MAIS Code: N/A		
<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> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 12 A Kits, 12 installation kits, system engineering, logistical and program support.</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures and fields two DVEPS A Kits and B Kits, spares, fielding support, integration and program support costs.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command	Date: March 2017
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Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0201UMNISR / UNMANNED ISR
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1105232BB
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	-	-	-	62.740	18.080	80.820	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>)	-	-	-	62.740	18.080	80.820	12.555	6.877	6.980	7.443	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	-	62.740	18.080	80.820	12.555	6.877	6.980	7.443	Continuing	Continuing

(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.

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 AMENDED BUDGET REQUEST JUSTIFICATION: \$4.3 million is required to address emergency warfighting readiness requirements. Group I UAS Payloads provide essential tactical Intelligence, Surveillance, and Reconnaissance (ISR) to the warfighter. Procures various quantities of classified payloads.

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

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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		
<p>FY 2017 OCO AMENDED BUDGET REQUEST JUSTIFICATION: \$6.200 million is required to address emergency warfighting readiness requirements. Group 1 Unmanned Aerial System (UAS) Air Vehicles provide essential tactical Intelligence, Surveillance, and Reconnaissance (ISR) to the warfighter. Procures 21 Puma II systems.</p> <p>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.</p> <p>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.</p> <p>FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$35.750 million is required to address emergency warfighting readiness requirements.</p> <ul style="list-style-type: none"> - Stalker UAS (\$5.500 million): Provides an organic ISR capability for Operation Inherent Resolve. Procures four Group 2 Airborne ISR Stalker UAS. - Scan Eagle UAS (\$3.750 million): Increases ISR capability to a 7.0 presence in support of counter-ISIL missions. These aircraft are required to achieve and maintain an expanded forward presence of tactical ISR assets in support of find/fix missions against ISIL targets. Procures 25 Scan Eagle UAS. - Scan Eagle Digital Upgrade (\$26.500 million): Provides the power necessary to employ special payloads, encrypted communications and Selective Availability Anti-spoofing Module compliance. Procures digital upgrade to 15 Scan Eagle UAS (150 aircraft). <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures SOF-unique mission kits and mission payloads for MQ-1.</p> <p>4. Special Applications for Contingencies (SAFC). Procures various expendable and related sensor payloads for intelligence, surveillance, and reconnaissance.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 3 RQ-20 Puma UAS, payloads, and ancillary equipment.</p> <p>FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$1.500 million is required to address emergency warfighting readiness requirements. Additional platform is required to evaluate various payloads for capability enhancements. Procures one Scan Eagle, Skyhook and launcher.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command	Date: March 2017
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Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 1: Aviation Programs	P-1 Line Item Number / Title: 0607U28 / U-28
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 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>)	64.037	-	60.600	30.270	56.283	86.553	3.969	1.984	1.984	4.961	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	64.037	-	60.600	30.270	56.283	86.553	3.969	1.984	1.984	4.961	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	64.037	-	60.600	30.270	56.283	86.553	3.969	1.984	1.984	4.961	Continuing	Continuing

(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.

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.

FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$26.300 million is required to address emergency warfighting readiness requirements.

- U-28 Infrared Suppression (\$3.300 million): Continues Joint Urgent Operational Need S0-0010 solution which began in FY 2016. Modification lowers U-28 infrared signature that reduces engagement risk and makes flares more effective. Funds 1st article and modification of 15 Continental United States aircraft with Group A and 12 Outside the Continental United States aircraft with Group A/B kits.

- U-28 Global Positioning System (GPS) Improvements(\$13.000 million): Provides ability to operate in a GPS degraded environment improving survivability/readiness of aircraft supporting ongoing operations. Procures and integrates Controlled Reception Pattern Antennae (CRPA) on 28 U-28 aircraft in response to Combat Mission Needs Statement 227.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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		
<p>- U-28 Automatic Dependent Surveillance – Broadcast (ADS–B) Upgrade (\$10.000 million): Federal Aviation Authority (FAA) mandate to improve safety and efficiency enabling unrestricted flight profiles in FAA airspace. This allows aircraft to conduct unrestricted training, transit and ISR operations. Modifies 36 U-28 aircraft for ADS–B.</p> <p>FY 2017 OCO AMENDED BUDGET REQUEST JUSTIFICATION: \$18.000 million is required to address emergency warfighting readiness requirements.</p> <p>- U-28 EQ+ Modification (\$18.000 million OCO): Follow-on effort to CMNS 210 to directly support C-ISIS operations. Enables deployment of two additional aircraft with 20" High Definition Full Motion Video Multi-Spectral Targeting System B Sensors OCONUS providing both extended stand-off operations and an enhanced Find, Fix, Finish capability. Funding converts two U-28 EQ aircraft to U-28 EQ+ aircraft.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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	24.708	-	24.708	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	24.708	-	24.708	34.878	23.124	21.336	21.763	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,628.458	21.578	33.582	24.708	-	24.708	34.878	23.124	21.336	21.763	Continuing	Continuing

(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	-	-	-	-	-	-	-	-	-	0.000	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.

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.

FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$5.700 million is required to address emergency warfighting readiness requirements.

- Suite of Infrared Frequency Countermeasures (SIRFC) (\$3.700 million): The Radar Warning Receiver and active Jammer modules improve and provide better response toward emerging threats. Improves survivability/readiness of aircraft supporting ongoing operations. Procures ten SIRFC kits to modify SIRFC receiver/jammer from analog to digital.

- Global Positioning System Improvements (\$2.000 million): GPS improvements provide the ability to operate in a GPS degraded environment improving survivability/readiness of aircraft supporting ongoing operations and continues support to CMNS 227. Procures and integrates Controlled Reception Pattern Antennae for ten CV-22 aircraft.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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	43.435	54.033	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	43.435	54.033	11.660	5.285	5.411	5.519	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	75.220	18.593	17.226	10.598	43.435	54.033	11.660	5.285	5.411	5.519	Continuing	Continuing

(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.

Justification:

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

FY 2017 OVERSEAS CONTINGENCY OPERATIONS AMENDED BUDGET REQUEST JUSTIFICATION: \$43.435 million is required to address emergency warfighting readiness requirements.

- MQ-9 Signals Intelligence Upgrades (\$22.230 million): USSOCOM requires additional PISA Signals Intelligence Line Replaceable Units (LRUs) in order to increase the USSOCOM Find/Fix capability by 200 percent. Procures various quantities (not listed due to classification) of MQ-9 PISA LRUs. Funding currently requested as part of the FY17 Intelligence, Surveillance and Reconnaissance (ISR) Transfer Fund submission (#4).

- MQ-9 Full Motion Video Camera Upgrade (\$21.205 million): Enables SOF MQ-9 fleet to sustain the 98.6 percent finish rate. Procures 15 SOF-unique modification kits for the MTS-B turret, 65 upgraded day cameras for better positive identification, and 50 sets of circuit card assembly image processing cards for MQ-9 turrets. This capability is part of the FY 2017 ISR Transfer Fund submission (#5).

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

P-1 Line Item Number / Title:
1202PSP / PRECISION STRIKE PACKAGE

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160403BB, 1160429BB

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>)	161.007	131.929	204.105	243.622	-	243.622	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	243.622	-	243.622	191.880	195.476	200.478	204.983	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	161.007	131.929	204.105	243.622	-	243.622	191.880	195.476	200.478	204.983	Continuing	Continuing

(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.

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.

FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$31.000 million is required to address emergency warfighting readiness requirements.

- AC-130J Acceleration (\$26.500 million): AC-130J is slated to declare Initial Operational Capability late FY 2017. An additional modified aircraft will allow greater aircrew training throughput and proficiency training for readiness. Procures one PSP B Kit.

- AC-130W Global Positioning System (GPS) Improvements (\$4.000 million): GPS improvements provide the ability to operate in a GPS degraded environment. Procures and integrates Controlled Reception Pattern Antennae on eight AC-130W aircraft in response to CMNS 227.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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

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

Line Item MDAP/MAIS Code: 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>)	138.461	73.947	53.368	80.048	-	80.048	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	80.048	-	80.048	172.372	167.341	155.828	117.463	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	138.461	73.947	53.368	80.048	-	80.048	172.372	167.341	155.828	117.463	Continuing	Continuing

(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.

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.

FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$6.500 million is required to address emergency warfighting readiness requirements. AC-130J is slated to declare Initial Operational Capability (IOC) late FY 2017. An additional modified aircraft will allow greater aircrew training throughput and proficiency training for readiness. Procures one A Kit.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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:** 1160481BB, 1160431BB

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>)	163.984	169.737	210.033	105.267	61.504	166.771	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	61.504	166.771	112.821	124.858	134.615	144.476	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	163.984	169.737	210.033	105.267	61.504	166.771	112.821	124.858	134.615	144.476	Continuing	Continuing

(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.

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.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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: 1160481BB, 1160431BB
Line Item MDAP/MAIS Code: N/A		
<p>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.</p> <p>FY 2017 OVERSEAS CONTINGENCY OPERATIONS AMENDED BUDGET REQUEST JUSTIFICATION: \$9.000 million is required to address emergency warfighting readiness requirements. This requirement supports the follow-on to Joint Urgent Operational Needs Statement SO-0010. SOF Rotary Wing aircraft supporting overseas operations are depleting the current infrared countermeasures flare inventory at a higher than anticipated rate. In addition, the use of increasingly complex expendable patterns to counter evolving threat systems further increases the need for additional flares. Procures 15,000 aircraft survivability equipment flares.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 178 SOPGMs.</p> <p>FY 2017 OVERSEAS CONTINGENCY OPERATIONS (OCO) PROGRAM JUSTIFICATION: Procures 652 SOPGMs.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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

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

Line Item MDAP/MAIS Code: N/A

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	82.163	22.000	104.163	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	82.163	22.000	104.163	82.054	73.445	82.989	92.509	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,339.614	86.837	93.009	82.163	22.000	104.163	82.054	73.445	82.989	92.509	Continuing	Continuing

(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).

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.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160405BB	Other Related Program Elements: 1160405BB
Line Item MDAP/MAIS Code: N/A		
<p>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.</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 80 Reconnaissance, Surveillance, and Target Acquisition (RSTA) Kits (35 Sensor Kits & 45 Tactical Reconnaissance Kits).</p> <p>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 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</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs		P-1 Line Item Number / Title: 020400INTL / INTELLIGENCE SYSTEMS
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 1160405BB	Other Related Program Elements: 1160405BB
Line Item MDAP/MAIS Code: N/A		
<p>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>FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$2.200 million is required to address emergency warfighting readiness requirements. This supports Defense Intelligence Agency Common Operating Environment to SOCRATES conversion for all TSOCs, which increases classified intelligence network capacity to support near-term operational missions, improves warfighting intelligence readiness, and builds TSOC intelligence support capacity. Funding will procure workstations, switches, storage, printers, plotters, and initial licensing for all TSOCs.</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> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures evolutionary technology insertions.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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	1.800	15.232	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	1.800	15.232	11.529	13.461	14.011	12.435	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	53.224	17.323	14.964	13.432	1.800	15.232	11.529	13.461	14.011	12.435	Continuing	Continuing

(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.

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.

FY 2017 OVERSEAS CONTINGENCY OPERATIONS AMENDED BUDGET REQUEST JUSTIFICATION: \$1.800 million is required to address emergency warfighting readiness requirements. This requirement will expand SOF Full Motion Video Processing, Exploitation, and Dissemination Reachback Systems. Procures hardware and software to increase number of PED lines from 10 to 16. Funding currently requested as part of FY17 Intelligence, Surveillance and Reconnaissance Transfer Fund submission (#1).

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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:
0204Warrior / WARRIOR SYSTEMS <\$5M

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

Line Item MDAP/MAIS Code: N/A

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	246.381	-	246.381	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	246.381	-	246.381	225.803	232.418	223.832	235.891	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	225.602	276.590	205.609	246.381	-	246.381	225.803	232.418	223.832	235.891	Continuing	Continuing

(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.

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

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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: 0204Warrior / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		
<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <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>FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$0.600 million is required to address emergency warfighting readiness requirements. MK 46 Machine Guns are required to provide special boat teams with increased lethal capability to counter increased threats from improved enemy weapon systems. Procures 100 MK 46 Machine Guns and associated production support.</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</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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: 0204Warrior / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		
<p>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> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 18 pocket devices.</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 1,473 Binocular Night Vision Devices (BNVD/AN/PVS-31) and 1,358 COTIs/(AN/PAS-29).</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 4,715 Advanced Target Precision Aiming Laser systems (ATPIALs) and 81 ECOS-Optimized devices.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command		Date: March 2017
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: 0204Warrior / WARRIOR SYSTEMS <\$5M
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 1160431BB
Line Item MDAP/MAIS Code: N/A		
<p>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.</p> <p>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.</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures CERP for five RIS and two RIS-Lite systems.</p> <p>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.</p> <p>FY 2017 PROGRAM JUSTIFICATION: Procures 419 BFT devices.</p>		

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

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

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	59.566	-	59.566	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	59.566	-	59.566	19.570	19.577	19.969	20.369	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	407.188	19.984	19.693	59.566	-	59.566	19.570	19.577	19.969	20.369	Continuing	Continuing

(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.

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.

FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$40.000 million is required to address emergency warfighting readiness requirements. All available CMR funding has been exhausted due to the increase of approved CMNS submitted by GCCs in support of increased SOF operator force protection or mission failure issues. Procures various equipment to rectify emergent critical equipment shortfalls identified by GCCs, and submitted and approved through the CMNS process or directed by Commander, USSOCOM.

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Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 United States Special Operations Command **Date:** March 2017

Appropriation / Budget Activity / Budget Sub Activity: 0300D: Procurement, Defense-Wide / BA 02: Special Operations Command / BSA 4: Other Procurement Programs
P-1 Line Item Number / Title: 2143369000 / OPERATIONAL ENHANCEMENTS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 1160408BB

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	227.945	61.056	289.001	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	227.945	61.056	289.001	226.242	229.417	231.787	237.287	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4,949.525	235.914	279.289	227.945	61.056	289.001	226.242	229.417	231.787	237.287	Continuing	Continuing

(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:

FY 2017 PROGRAM JUSTIFICATION: Details provided under separate cover.

FY 2017 AMENDED BUDGET REQUEST JUSTIFICATION: \$8.000 million is required to address emergency warfighting readiness requirements. Details provided under separate cover.

FY 2017 OVERSEAS CONTINGENCY OPERATIONS AMENDED BUDGET REQUEST JUSTIFICATION: \$19.000 million is required to address emergency warfighting readiness requirements. Details provided under separate cover.

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