

**UNITED STATES SPECIAL OPERATIONS COMMAND**



# **FISCAL YEAR 2002 AMENDED BUDGET SUBMISSION**

**PROCUREMENT, DEFENSE-WIDE**

**JUNE 2001**



UNITED STATES SPECIAL OPERATIONS COMMAND

PROCUREMENT DOCUMENTATION FOR THE FY 2002 PRESIDENT’S BUDGET

Table of Contents

Table of Contents ..... i

Organizations.....iii

Acronyms ..... iv

Procurement Program Executive Summary ..... 1

Procurement Program, Exhibit P-1..... 3

Procurement Program Comparison, Exhibit P-1C..... 5

Modification Summary, Exhibit P-1M. .... 9

Procurement Line Item Documentation

Aviation Procurement Lines

Rotary Wing Upgrades and Sustainment..... 15

MC-130H Combat Talon II ..... 23

CV-22 SOF MOD ..... 25

AC-130U Gunship Acquisition ..... 29

C-130 Modifications ..... 31

Aircraft Support..... 35

Shipbuilding Procurement Lines

Advanced SEAL Delivery System (ASDS)..... 37

UNITED STATES SPECIAL OPERATIONS COMMAND

PROCUREMENT DOCUMENTATION FOR THE FY 2002 PRESIDENT'S BUDGET

Advanced SEAL Delivery System Advance Procurement..... 39

**Table of Contents (Continued)**

Ammunition Procurement Lines

SOF Ordnance Replenishment..... 41  
SOF Ordnance Acquisition ..... 43

Other Procurement Lines

Communications Equipment and Electronics ..... 49  
SOF Intelligence Systems ..... 59  
Small Arms and Weapons ..... 65  
SOF Combatant Craft Systems ..... 71  
Spares and Repair Parts..... 73  
SOF Maritime Equipment ..... 75  
Miscellaneous Equipment ..... 77  
PSYOP Equipment ..... 81

## ***ORGANIZATIONS***

---

AFSOC	Air Force Special Operations Command
NAVSPECWARCOM	Naval Special Warfare Command
TSOC	Theater Special Operations Command
USASOC	United States Army Special Operations Command
USSOCOM	United States Special Operations Command

## ACRONYMS

---

ACTD	Advanced Concepts Technology Demonstration
ALE	Automatic Link Establishment
ALGS	Autonomous Landing Guidance System
ALGL	Advanced Lightweight Grenade Launcher
ALLTV	All Light Level Television
AMP	Avionics Modernization Program
ASD	Assistant Secretary of Defense
ASDS	Advanced Sea, Air, Land Delivery System
ASE	Aircraft Survivability Equipment
ATD	Advanced Technology Demonstration
ATD/TB	AC-130U Gunship Aircrew Training Devices/Testbed
ATM	Asynchronous Transfer Mode
BALCS	Body Armor Load Carriage System
C2	Command and Control
C3I	Command, Control, Communications, and Intelligence
C4	Command, Control, Communications, and Computers
C4I	Command, Control, Communications, Computers, and Intelligence
C4IAS	Command, Control, Communications, Computers, and Intelligence Automation System
CAAP	Common Avionics Architecture for Penetration
CINC	Commander in Chief
COMSEC	Communications Security
COTS	Commercial-Off-The-Shelf
DARPA	Defense Advanced Research Projects Agency
DDS	Dry Deck Shelter
DIRCM	Directional Infrared Countermeasures
DMS	Defense Message System
EDM	Engineering Development Model
EFP	Explosively Forced Penetrator
EMD	Engineering and Manufacturing Development
ESA	Enhanced Situational Awareness
ETI	Evolutionary Technology Insertion
EW	Electronic Warfare
EWASIF	Electronic Warfare Avionics Integrated Systems Facility

## ACRONYMS

---

FAA	Federal Aviation Administration
FCT	Foreign Comparative Testing
FOL	Family of Loud Speakers
GPS	Global Positioning System
HF	High Frequency
HLA	High Level Architecture
HMMWV	High Mobility Multi-purpose Wheeled Vehicle
HPFOTD	High Power Fiber Optic Towed Decoys
HRLMD	Hydrographic Reconnaissance Littoral Mapping Device
HSR	Heavy Sniper Rifle
ILM	Improved Limpet Mine
INOD	Improved Night/Day Observation/Fire Control Device
IR	Infrared
IRCM	Infrared Countermeasures
ISOCA	Improved Special Operations Communications Assemblage
JBS	Joint Base Station
JCS	Joint Chiefs of Staff
JDISS	Joint Deployable Intelligence Support System
JMPS	Joint Mission Planning System
JOS	Joint Operational Stocks
JTRS	Joint Tactical Radio System
JTWS	Joint Threat Warning System
LAN/WAN	Local Area Network/Wide Area Network
LASAR	Light Assault Attack Reconfigurable Simulator
LAW	Light Anti-Armored Weapons
LBJ	Low Band Jammer
LDS	Leaflet Delivery System
LEP	Lightweight Environmental Protection
LMG	Lightweight Machine Gun
LOS	Line of Sight
LPD	Low Probability of Detection
LPI	Low Probability of Intercept

## **ACRONYMS**

---

LPI/D	Low Probability of Intercept/Detection
LPI/LPD	Low Probability of Intercept/Low Probably of Detection
LTI	Lightweight Thermal Imager
MAAWS	Multi-Purpose Anti-Armor/Anti-Personnel Weapons System
MATT	Multi-mission Advanced Tactical Terminal
MBITR	Multi-Band Inter/Intra Team Radio
MBMMR	Multi-Band/Multi-Mission Radio
MCADS	Maritime Craft Air Drop System
MELB	Mission Enhancement Little Bird
MICH	Modular Integrated Communications Helmet
MMB	Miniature Multiband Beacon
MPARE	Mission Planning, Analysis, Rehearsal and Execution
MPC	Media Production Center
NAVSCIATTS	Naval Small Craft Instructor and Technical Training School
NBC	Nuclear, Biological, and Chemical
NBOE	Non-Gasoline Burning Outboard Engine
NDI	Non-Developmental Item
NSSS	National Systems Support to SOF
NSW	Naval Special Warfare
NVD	Night Vision Devices
ORD	Operational Requirements Document
P3I	Pre-Planned Product Improvement
PAM	Penetration Augmented Munition
PC	Personal Computer
PC	Patrol Coastal
PFPS	Portable Flight Planning System
PGCB	Precision Guided Canister Bomb
PM	Program Manager
PM-MCD	Project Manager for Mines, Countermeasures and Demolitions
POBS	PSYOP Broadcasting System
PSYOP	Psychological Operations
RAA	Required Assets Available

## ACRONYMS

---

RAMS	Remote Activated Munitions System
RIB	Rigid Inflatable Boat
SAHRV	Semi-Autonomous Hydrographic Reconnaissance Vehicle
SBIR	Small Business Innovative Research
SDS	Sniper Detection System
SDV	Sea, Air, Land (SEAL) Delivery Vehicle
SEAL	Sea, Air, Land
SIGINT	Signals Intelligence
SIRCM	Suite of Infrared Countermeasures
SLEP	Service Life Extension Program
SMRS	Special Mission Radio System
SO	Special Operations
SOC	Special Operations Craft
SOC	Special Operations Command
SOC-R	Special Operations Craft-Riverine
SOCRATES	Special Operations Command, Research, Analysis and Threat Evaluation System
SOF	Special Operations Forces
SOFDK	SOF Demolition Kit
SOFIV	SOF Intelligence Vehicle
SOFTACS	SOF Tactical Assured Connectivity System
SOFPARS	SOF Planning and Rehearsal System
SOLL	Special Operations Low Level
SOMROV	Special Operations Miniature Robotic Vehicle
SOMS-B	Special Operations Media Systems B
SOPMOD	SOF Peculiar Modification
SOPMODM-4	SOF Peculiar Modification-M4 Carbine
SOST	Special Operations Special Technology
SOTD	Special Operations Technology Development
SOTVS	Special Operations Tactical Video System
SPEAR	SOF Personal Equipment Advanced Requirements
SRC	Systems Readiness Center
SRC	Special Reconnaissance Capabilities



## ***ACRONYMS***

---

STD	Swimmer Transport Device
SYDET	Sympathetic Detonator
TACLAN	Tactical Local Area Network
TDFD	Time Delay Firing Device
TEI	Technology Exploitation Initiative
TF/TA	Terrain Following/Terrain Avoidance
TRS	Tactical Radio System
UHF	Ultra High Frequency
UK	United Kingdom
US	United States
VHF	Very High Frequency
VSWMCM	Very Shallow Water Mine Countermeasures
VTC	Video Teleconferencing
WSADS	Wind Supported Air Delivery System

**PROCUREMENT PROGRAM EXECUTIVE SUMMARY**

## SPECIAL OPERATIONS FORCES

	<u>\$ in Millions</u>
FY 2002 Estimate	409.652
FY 2001 Estimate	548.970
FY 2000 Actual	721.663

PURPOSE AND SCOPE

The United States Special Operations Command (USSOCOM), one of the unified commands in the U.S. military's combatant command structure, is composed of Army, Navy, and Air Force Special Operations Forces (SOF). USSOCOM's mission is to support the geographic commanders-in-chief (CINCs), ambassadors and their country teams, and other government agencies by preparing SOF to successfully conduct special operations, including civil affairs and psychological operations, spanning the entire spectrum of operations. The commander in chief of USSOCOM (USCINCSOC) has two roles. In his capacity as a supporting CINC, he provides trained and ready SOF. In his role as a supported CINC, the USCINCSOC must be prepared to exercise command of selected special operations missions when directed by the National Command Authorities.

USSOCOM is the only operational command directly responsible for determining its own force structure requirement, determining the related materiel requirements, procuring the SOF-unique equipment, and training and deploying its own units. Army component forces consist of Special Forces (Green Berets), Rangers, special operations aviation, civil affairs and psychological operations specialists, and combat support and service support units. Navy component forces are organized to support naval and joint special operations within the theater unified command. These forces are organized, equipped, and trained to be highly mobile and quickly deployable and consist of Sea, Air, Land (SEAL) Teams and special boat units. The Air Force component forces are comprised of highly trained, rapidly deployable airmen who are equipped with highly specialized fixed and rotary-wing aircraft. Air Force Special Operations Command's *quiet professionals* deliver the nations specialized air power to provide: SOF mobility, forward presence and engagement, precision employment/strike, and information operations. The Joint Special Operations Command is a joint headquarters designed to study special operations requirements and techniques, ensure interoperability and equipment standardization, plan and conduct special operations exercises and training, and develop joint special operations tactics.

Procurement funds provide for vital modernization and recapitalization in areas such as mobility, weapons and munitions, communications, and intelligence equipment. A dynamic and uncertain security environment has drastically increased the theater requirements for SOF. Adequate funding is essential if SOF is to maintain their current capability and prepare to meet the future's challenges.

## UNCLASSIFIED

## PROCUREMENT PROGRAM

Appropriation: Procurement, Defense - Wide

Date: JUNE 2001

Millions of Dollars

<u>Line No.</u>	<u>Item Nomenclature</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
<u>AVIATION PROGRAMS</u>				
37	ROTARY WING UPGRADES AND SUSTAINMENT	86.518	77.487	79.084
38	SOF TRAINING SYSTEMS	3.901	2.342	
39	MC-130H, COMBAT TALON II	10.522	10.402	10.427
40	CV-22 SOF MOD	1.962	8.454	28.202
41	AC-130U GUNSHIP ACQUISITION	29.280	9.741	8.705
42	C-130 MODIFICATIONS	101.617	29.900	8.176
43	AIRCRAFT SUPPORT	.502	2.166	1.763
<u>SHIPBUILDING</u>				
44	ADVANCED SEAL DELIVERY SYSTEM (ASDS)	13.341	10.474	33.439
45	ASDS ADVANCE PROCUREMENT	.728	18.972	13.697
46	MK8 MOD1 SEAL DELIVERY VEHICLE			.504
47	SUBMARINE CONVERSION	3.233	1.544	
<u>AMMUNITION PROGRAMS</u>				
48	SOF ORDNANCE REPLENISHMENT	33.887	36.094	31.415
49	CLOSEOUT LIABILITIES		.200	1.509
50	SOF ORDNANCE ACQUISITION	23.675	26.224	5.635
<u>OTHER PROCUREMENT PROGRAMS</u>				
51	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	78.392	69.094	41.404
52	SOF INTELLIGENCE SYSTEMS	17.652	29.612	8.133
53	SMALL ARMS AND WEAPONS	25.184	42.771	6.936

UNCLASSIFIED

Page 1 of 2

Exhibit P-1 Procurement Program

## UNCLASSIFIED

## PROCUREMENT PROGRAM

Appropriation: Procurement, Defense - Wide

Date: JUNE 2001

Millions of Dollars

<u>Line No.</u>	<u>Item Nomenclature</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
<u>OTHER PROCUREMENT PROGRAMS</u> (cont'd)				
54	MARITIME EQUIPMENT MODIFICATIONS	3.745	4.497	1.660
55	SOF COMBATANT CRAFT SYSTEMS	12.413	18.339	6.042
56	SPARES AND REPAIR PARTS	37.644	11.671	5.036
57	SOF MARITIME EQUIPMENT	.665	7.312	2.975
58	DRUG INTERDICTION	2.922	.773	
59	MISCELLANEOUS EQUIPMENT	10.044	14.242	8.111
60	SOF PLANNING AND REHEARSAL SYSTEM	2.328	2.003	1.448
61	SOF OPERATIONAL ENHANCEMENTS	209.575	106.307	102.571
62	PSYOP EQUIPMENT	11.933	8.349	2.780
<b>TOTAL PROCUREMENT</b>		<b>721.663</b>	<b>548.970</b>	<b>409.652</b>

UNCLASSIFIED

Page 2 of 2

Exhibit P-1 Procurement Program

## PROCUREMENT PROGRAM - COMPARISON REPORT

Appropriation: Procurement, Defense - WideBudget Activity: 2

Date: JUNE 2001

Millions of Dollars

<u>Line No.</u>	<u>Item Nomenclature</u>	<u>Submit</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
<u>AVIATION PROGRAMS</u>										
37	ROTARY WING UPGRADES AND SUSTAINMENT	01PB	81.560	68.480	31.686					
		02PB	86.518	77.487	79.084					
38	SOF TRAINING SYSTEMS	01PB	2.101	2.364	.112					
		02PB	3.901	2.342						
39	MC-130H, COMBAT TALON II	01PB	16.763	10.403	7.438					
		02PB	10.522	10.402	10.427					
40	CV-22 SOF MOD	01PB	3.572	8.533	103.782					
		02PB	1.962	8.454	28.202					
41	AC-130U GUNSHIP ACQUISITION	01PB	26.602	13.871	12.063					
		02PB	29.280	9.741	8.705					
42	C-130 MODIFICATIONS	01PB	103.104	26.237	40.005					
		02PB	101.617	29.900	8.176					
43	AIRCRAFT SUPPORT	01PB	1.716	2.186	1.650					
		02PB	.502	2.166	1.763					
<u>SHIPBUILDING</u>										
44	ADVANCED SEAL DELIVERY SYSTEM (ASDS)	01PB	7.379	25.500	74.672					
		02PB	13.341	10.474	33.439					
45	ASDS ADVANCE PROCUREMENT	01PB	7.977	22.472						
		02PB	.728	18.972	13.697					
46	MK8 MOD1 SEAL DELIVERY VEHICLE	01PB			1.047					
		02PB			.504					

## PROCUREMENT PROGRAM - COMPARISON REPORT

Appropriation: Procurement, Defense - WideBudget Activity: 2

Date: JUNE 2001

Millions of Dollars

<u>Line No.</u>	<u>Item Nomenclature</u>	<u>Submit</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
<u>SHIPBUILDING</u> (cont'd)										
47	SUBMARINE CONVERSION	01PB	3.261	1.559						
		02PB	3.233	1.544						
<u>AMMUNITION PROGRAMS</u>										
48	SOF ORDNANCE REPLENISHMENT	01PB	37.601	36.632	32.493					
		02PB	33.887	36.094	31.415					
49	CLOSEOUT LIABILITIES	01PB								
		02PB		.200	1.509					
50	SOF ORDNANCE ACQUISITION	01PB	15.876	25.978	8.521					
		02PB	23.675	26.224	5.635					
<u>OTHER PROCUREMENT PROGRAMS</u>										
51	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	01PB	84.028	74.444	56.092					
		02PB	78.392	69.094	41.404					
52	SOF INTELLIGENCE SYSTEMS	01PB	19.982	32.309	7.678					
		02PB	17.652	29.612	8.133					
53	SMALL ARMS AND WEAPONS	01PB	25.120	11.829	5.146					
		02PB	25.184	42.771	6.936					
54	MARITIME EQUIPMENT MODIFICATIONS	01PB	2.167	.909	.359					
		02PB	3.745	4.497	1.660					
55	SOF COMBATANT CRAFT SYSTEMS	01PB	18.635	14.511	11.896					
		02PB	12.413	18.339	6.042					

## PROCUREMENT PROGRAM - COMPARISON REPORT

Appropriation: Procurement, Defense - WideBudget Activity: 2

Date: JUNE 2001

Millions of Dollars

<u>Line No.</u>	<u>Item Nomenclature</u>	<u>Submit</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
<u>OTHER PROCUREMENT PROGRAMS</u> (cont'd)										
56	SPARES AND REPAIR PARTS	01PB	27.751	11.780	7.944					
		02PB	37.644	11.671	5.036					
57	SOF MARITIME EQUIPMENT	01PB	4.913	5.801	1.816					
		02PB	.665	7.312	2.975					
58	DRUG INTERDICTION	01PB								
		02PB	2.922	.773						
59	MISCELLANEOUS EQUIPMENT	01PB	10.000	14.376	5.562					
		02PB	10.044	14.242	8.111					
60	SOF PLANNING AND REHEARSAL SYSTEM	01PB	2.414	2.021	1.438					
		02PB	2.328	2.003	1.448					
61	SOF OPERATIONAL ENHANCEMENTS	01PB	214.948	105.547	99.696					
		02PB	209.575	106.307	102.571					
62	PSYOP EQUIPMENT	01PB	11.631	7.575	7.882					
		02PB	11.933	8.349	2.780					
<b>TOTAL PROCUREMENT</b>		<b>01PB</b>	<b>729.101</b>	<b>525.317</b>	<b>518.978</b>					
		<b>02PB</b>	<b>721.663</b>	<b>548.970</b>	<b>409.652</b>					

**UNCLASSIFIED**

**MODIFICATION SUMMARY**

(TOA, Dollars in Millions)

System/Modification	PYs	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total Program
<b>C-130 MODIFICATIONS</b>										
1. AC-130H Armor Reconfiguration (formerly AC-130H Wgt Red)		.326								.326
2. AC-130H Sustainment		.985	1.227	1.625						3.837
3. AC-130U Comm Upgrade	6.390		1.570							7.960
4. Covert Laser Illuminator Assembly (formerly AC-130U P3I (Cov LIA))		2.915	7.713							10.628
5. ALR-69 and ALQ-172 Antennas		4.735	2.840							7.575
6. AC-130U Pre-Planned Product Improvements	5.331		5.380							10.711
7. MC-130E/P Sustainment (formerly AFMC C-130 Min Mods)			.644	.714						1.358
8. APX-116 Beacons				4.458						4.458
9. ALE-47 Chaff and Flare Dispenser		.910								.910
10. MC-130H Auxiliary Power Unit Upgrade	6.094	.164	.194							6.452
11. DIRCM Kits	100.332	59.111								159.443



## UNCLASSIFIED

## MODIFICATION SUMMARY

(TOA, Dollars in Millions)

System/Modification	PYs	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total Program
<b>C-130 MODIFICATIONS (Cont'd)</b>										
12. EC130 Sustainment				.227						.227
13. EC-130E Upgrades	14.798	.760								15.558
14. Gas Turbine Compressor		1.523		1.152						2.675
15. AC/MC 130 Low Band Jammer Mods ( formerly ALQ-172 LBJ Upg)	.273	7.734								8.007
16. AC-130H Low Light Level TV Replacement	22.961	22.454	10.332							55.747
<b>TOTAL FOR C-130 MODIFICATIONS</b>	<b>156.179</b>	<b>101.617</b>	<b>29.900</b>	<b>8.176</b>						<b>295.872</b>
<b>MARITIME EQUIPMENT MODIFICATIONS</b>										
1. PC Command and Control Software Upgrades		.222	1.351	.218						1.791
<b>TOTAL FOR MARITIME EQUIPMENT MODIFICATIONS</b>		<b>.222</b>	<b>1.351</b>	<b>.218</b>						<b>1.791</b>
<b>ROTARY WING UPGRADES AND SUSTAINMENT</b>										
1. MH-53J IDAS/MATT	31.257	2.033								33.290
2. Integrated Infrared Countermeasures		1.321	3.099	.462						4.882

UNCLASSIFIED

**UNCLASSIFIED**

**MODIFICATION SUMMARY**

(TOA, Dollars in Millions)

System/Modification	PYs	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total Program
<b>ROTARY WING UPGRADES AND SUSTAINMENT (Cont'd)</b>										
3. Army Rotary Wing Engineering Changes		1.118	1.575	1.428						4.121
4. GPS/INS				.920						.920
5. Multi-Function Display Processor Upgrade				1.007						1.007
6. Modular Avionics	5.949	3.317	13.416	1.590						24.272
7. Mission Processor Upgrade				3.234						3.234
8. MH47 Air Transportability Kit				.806						.806
9. MH-47D/E Cargo Handling System Upgrades			4.587	1.276						5.863
10. MH47 Forward Cabin Seats		.873	.875							1.748
11. MH47 IR Strobe Light			.820							.820
12. MH47 Reconstitution		40.609								40.609
13. MH60 200 Gallon Fuel Tank	2.360	.297		1.007						3.664

**UNCLASSIFIED**

**MODIFICATION SUMMARY**

(TOA, Dollars in Millions)

System/Modification	PYs	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total Program
<b>ROTARY WING UPGRADES AND SUSTAINMENT (Cont'd)</b>										
14. MH60 Aerial Refueling Probes (Incs FY01 Cong Plus-Up)	2.566	4.136	10.961	3.363						21.026
15. MH60 Altitude Hold			1.623							1.623
16. OH6 External Conformance Tanks			1.373	1.491						2.864
17. OH6 FLIR A-Kits			.526							.526
18. A/MH-6 Mission Enhancement Little Bird	5.216	2.740	2.927	4.507						15.390
19. A/MH-6 Component Miniaturization	1.446		3.631	2.306						7.383
20. Ballistic Protection System				1.037						1.037
21. MH-47D/E Infrared Exhaust Suppression			7.739	1.511						9.250
22. MH-47E Onboard Inert Gas Generation System		2.636	.346							2.982
23. Multi-Mode Radar Upgrade		2.561								2.561
24. MH-47 SLEP				39.882						39.882

**UNCLASSIFIED**

MODIFICATION SUMMARY

(TOA, Dollars in Millions)

System/Modification	PYs	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total Program
<b>ROTARY WING UPGRADES AND SUSTAINMENT (Cont'd)</b>										
<b>TOTAL FOR ROTARY WING UPGRADES AND SUSTAINMENT</b>	48.794	61.641	53.498	65.827						229.760
<b>TOTAL FOR ALL MODIFICATIONS</b>	204.973	163.480	84.749	74.221						527.423

## UNCLASSIFIED

## BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2P-1 ITEM NOMENCLATURE  
ROTARY WING UPGRADES AND SUSTAINMENT

	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	96.120	86.518	77.487	79.084					

**MISSION AND DESCRIPTION:** Special Operations Forces (SOF) provide organic aviation support for worldwide contingency operations and low-intensity conflicts. The specialized aircraft for these missions must be capable of worldwide rapid deployment, operations, and undetected penetration of hostile areas. These aircraft must be capable of operating at extended ranges under adverse weather conditions to infiltrate, provide logistics for, reinforce, and extract SOF. The threat is capable of sophisticated data linked systems and/or simple autonomous ground-based units with an air-to-air capability specifically targeted against rotary wing aircraft. Third world operations are apt to involve greater distances and more challenging geographical environmental conditions than the European Theater. Program provides for ongoing survivability, reliability, maintainability, and operational upgrades as well as procurement appropriation sustainment costs for fielded rotary wing aircraft and subsystems to include forward basing of MH-47E helicopters. These include the A/MH-6, MH-60L/K, MH-53J/M, TH-53A, and MH-47D/E helicopters.

1. MH-47E/MH-60K/A/MH-6. Procures Aircraft Survivability Equipment (ASE), avionics, and aircraft systems upgrades and modifications to 11 MH-47D, 26 MH-47E (26 authorized, 25 current inventory), 23 MH-60K, 36 MH-60L, 40 MH/AH-6 aircraft and forward basing of MH-47E aircraft to Pacific Command and European Command. Reconstitutes 1 MH-47E destroyed in a March 1996 accident.

**FY 2002 PROGRAM JUSTIFICATION:** Procures ASE, sensors, active and passive system upgrades and modifications to MH-47D, MH-47E, MH-60K, and MH-60L aircraft. Funds SOF unique portions of Army engineering change proposals, and spares for the MH-47/MH-60. Provides for continued procurement of the MH-47E Cargo Handling System, Air Transportability Kits, Infrared Suppressor, Ballistic Protection, Modular Avionics, Aerial Refuel Probes, 200 Gallon Tanks and Infrared countermeasures. Provides for Global Positioning System/Inertial Navigation System, Multi-function Displays, Mission Processors and Night Vision Devices. Initiates Service Life Extension

## BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2

P-1 ITEM NOMENCLATURE  
ROTARY WING UPGRADES AND SUSTAINMENT

Program for the MH-47 platforms.

2. MH-53J. Funds reliability/maintainability and safety of flight sustainment efforts.

FY 2002 PROGRAM JUSTIFICATION: Funds limited installs of the last two Line Replaceable Units (fault isolator and magnetron) for Terrain Following/Terrain Avoidance Radar (APQ-158) and various safety related reliability and maintainability efforts.

3. A/MH-6. Procures airframe and aircraft systems upgrades. Mission Enhancement Little Bird (MELB) program provides structural and drive system upgrades. Miniaturization provides non-developmental item and commercially available technology to upgrade or replace existing aircraft systems.

FY 2002 PROGRAM JUSTIFICATION: Procures airframe and aircraft systems upgrades. MELB program provides structural and drive system upgrades to include an improved tail-rotor gear box. Provides enhanced weapons system management. Completes Conformal Tanks. Miniaturization provides non-developmental item and commercially available technology to upgrade or replace existing aircraft systems.

## UNCLASSIFIED

## BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2P-1 ITEM NOMENCLATURE  
ROTARY WING UPGRADES AND SUSTAINMENT

## MODIFICATION SUMMARY

<u>DESCRIPTION</u>	<u>Prior Years</u>	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
1. MH-53J IDAS/MATT	31.257	2.033							
2. Integrated Infrared Countermeasures		1.321	3.099	.462					
3. Army Rotary Wing Engineering Changes		1.118	1.575	1.428					
4. GPS/INS				.920					
5. Multi-Function Display Processor Upgrade				1.007					
6. Modular Avionics	5.949	3.317	13.416	1.590					
7. Mission Processor Upgrade				3.234					
8. MH47 Air Transportability Kit				.806					
9. MH-47D/E Cargo Handling System Upgrades			4.587	1.276					
10. MH47 Forward Cabin Seats		.873	.875						
11. MH47 IR Strobe Light			.820						
12. MH47 Reconstitution		40.609							
13. MH60 200 Gallon Fuel Tank	2.360	.297		1.007					
14. MH60 Aerial Refueling Probes (Incs FY01 Cong Plus-Up)	2.566	4.136	10.961	3.363					
15. MH60 Altitude Hold			1.623						
16. OH6 External Conformance Tanks			1.373	1.491					
17. OH6 FLIR A-Kits			.526						

## UNCLASSIFIED

## BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2P-1 ITEM NOMENCLATURE  
ROTARY WING UPGRADES AND SUSTAINMENT

<u>DESCRIPTION</u>	<u>Prior Years</u>	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
18. A/MH-6 Mission Enhancement Little Bird	5.216	2.740	2.927	1.007					
19. OH6 Tail Rotor Gear Box				4.500					
20. A/MH-6 Component Miniaturization	1.446		3.631	2.306					
21. Ballistic Protection System				1.037					
22. MH-47D/E Infrared Exhaust Suppression			7.739	1.511					
23. MH-47E Onboard Inert Gas Generation System		2.636	.346						
24. Multi-Mode Radar Upgrade		2.561							
25. MH-47 SLEP				39.882					

**SUBTOTAL FOR MODS****48.794 61.641 53.498 66.827**



UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items ROTARY WING UPGRADES/SUSTAINMENT					Date: JUNE 2001							
Appropriation/Budget Activity/2					FY 2000		FY 2001		FY 2002			
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002				
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost			
1. MH-47/MH-60 SUSTAINMENT												
A. MH-47 Spares	Boeing Helicopters, Ridley Park, PA				768		1,676		2,668			
B. Pacific Command Detachment	Boeing-Sikorsky Aircraft Systems, Ft. Campbell, KY				5,500		11,510					
	Honeywell, Phoenix, AZ											
C. MH-60 Spares	Marconi Aerospace Defense, Austin, TX; Sikorsky Aircraft Systems, Stratford, CT				238		943		1,067			
D. Aircraft Survivability Equipment Engineering Fixes					10,138							
E. Night Vision Devices	ITT, Clifton, NJ Litton, Davenport, IA						2,266		1,268			
Subtotal					16,644		16,395		5,003			
2. MH-53J SUSTAINMENT												
A. MH-53J Sustainment	Various				5,455		4,377		3,900			
Subtotal					5,455		4,377		3,900			
3. A/MH-6 SUSTAINMENT												
A. A/MH-6 Upgrades/Sustainment	Chandler Evans, Hartford, CT General Dynamics, Burlington, VT				2,778		3,217		4,354			
Subtotal					2,778		3,217		4,354			
4. PRIOR ROTARY WING UPGRADES AND SUSTAINMENT												
					47,326							
MODIFICATION SUMMARY												
					48,794		61,641		53,498		65,827	
LINE ITEM TOTAL												
					96,120		86,518		77,487		79,084	

UNCLASSIFIED

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: MH-47 Service Life Extension Program

MODELS OF SYSTEMS AFFECTED: MH-47D and MH-47E

DESCRIPTION/JUSTIFICATION: The MH-47 helicopter provides the battle force commander with an all weather, day/night, clandestine capability for the infiltration, exfiltration and resupply of Special Operations Force assets over any terrain world-wide. This program funds the Service Life Extension Program (SLEP) of U.S. Army Special Operations Command's 36 MH-47 aircraft, of which 11 aircraft are of MH-47D configuration and the remaining 25 of MH-47E configuration. This effort includes the conversion of the 11 MH-47D aircraft to the MH-47E configuration and the induction of all 36 aircraft into the SLEP program. This modification is required to provide full MH-47E capability in FY05, to reduce aircraft operational costs, to prevent a decline in operational readiness rates and to ensure the airframes remain viable until a replacement aircraft is fielded and tested. MH-47D/E SLEP Operational Requirements Document, dated 31 October 1997, validates this requirement. This modification effort extends beyond the FYDP.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: N/A

FINANCIAL PLAN: (\$ in millions)

	PYs		FY99		FY00		FY01		FY02		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E									4.0		0	4.0
PROCUREMENT									39.9		0	39.9
Test											0	0.0
Long Lead Parts									11.9		0	11.9
Conversion Kit CH-47D's									3	28.0	3	28.0
Conversion Kit MH-47D's											0	0.0
Training											0	0.0
Engineering Change Proposals											0	0.0
Installation of Hardware												
PY												0 0.0
FY99												0 0.0
FY00												0 0.0
FY01												0 0.0
FY02												0 0.0
FY03												0 0.0
FY04												0 0.0
FY05												0 0.0
To Complete											Cont	0 Cont
Total Installation Cost	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement		0.0		0.0		0.0		0.0	39.9	0.0	0.0	0.0

METHOD OF IMPLEMENTATION: Contractor/Depot Mod Line

ADMINISTRATIVE LEADTIME: 12 - 18 Mos.

PRODUCTION LEADTIME: 9 - 12 Months

CONTRACT DATE:

Current Year :

Budget Year 1: Jul 02

Budget Year 2: Jul 03

DELIVERY DATE:

Current Year :

Budget Year 1: Apr 03

Budget Year 2: Apr 04

Exhibit P-3a, Individual Modification (Cont)

UNCLASSIFIED

MODIFICATION TITLE: MH-47 Service Life Extension Program

INSTALLATION SCHEDULE

	1999				2000				2001				2002			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
In																
Out																

  

	2003				2004				2005				To Complete	Total	
	1	2	3	4	1	2	3	4	1	2	3	4			
In			3												3
Out							3								3

NOTES:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE MC-130H, COMBAT TALON II					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	1,669.681	10.522	10.402	10.427					

**MISSION AND DESCRIPTION:** The Combat Talon II line item funds the production and sustainment of a specialized avionics suite that has been integrated into a C-130H airframe. Its mission is to conduct night, adverse weather, low-level, long-range operations in hostile, politically sensitive or denied airspace to infiltrate, resupply, or exfiltrate Special Operations Forces and equipment. All 24 MC-130H aircraft have been procured in prior years. Ongoing efforts focus on meeting operational requirements in the System Operational Requirements Document by establishing organic intermediate and depot level maintenance capability on the APQ-170 Radar and Nose Radome.

**FY 2002 PROGRAM JUSTIFICATION:** Continues post-production improvement and sustainment. Begins corrections of identified Infrared Detection System deficiencies to increase availability, reliability and maintainability. Continues software support, configuration management and control, and technical database currency.



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE CV-22 SOF MOD					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY			0	0					
COST (In Millions \$)	3.972	1.962	8.454	28.202					

Note: Due to Blue Ribbon Panel recommended CV-22 program restructuring, two production-representative test article CV-22's will be purchased in FY 2001 with Navy RDT&E funds.

**MISSION AND DESCRIPTION:** The CV-22 Special Operations Forces (SOF) Mod line item funds the SOF variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide 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 all V-22 variants, including the CV-22. The Air Force will procure and field 50 CV-22 aircraft and support equipment for USSOCOM, conduct Initial Operational Test and Evaluation, and provide Type I training. USSOCOM funds the procurement of SOF peculiar systems, e.g., terrain following radar, electronic and infrared warfare suite, etc. The Air Force will fund 85% of the procurement cost for CV-22 training systems; USSOCOM funds 15%. The Air Force and Navy will utilize joint training facilities at Marine Corps Air Station in New River, NC, to conduct all maintenance training and initial V-22 aircrew qualification training. CV-22 SOF peculiar aircrew mission training will be conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM. Follow-on unit training will be accomplished at each operational location.

**FY 2002 PROGRAM JUSTIFICATION:** The Blue Ribbon Panel has recommended proceeding with a restructured V/CV-22 program using a phased approach to return to flight and fleet introduction. As a result, some CV-22 procurement funding was shifted to RDT&E. Remaining funds are required to procure peculiar training equipment, engineering change proposals to training devices, and publication and technical data. Funding is provided for program office and engineering support, as well as integrated logistics support. Funds are also allocated for advance procurement of long lead items for later platforms.



UNCLASSIFIED

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT (P-10) (PROCUREMENT OF ADVANCE DESIGN AND MATERIAL) (TOA, Dollars in Thousands)						BUDGET YEAR 1 FOR FISCAL YEAR PROGRAM 2002
						DATE: JUNE 2001
Weapon System Type (Model/Series No.)		FIRST SYSTEM AWARD DATE		FIRST SYSTEM COMPLETION DATE		Interval Between System Completions (Months)
CV-22 (OSPREY)		FEBRUARY 2003		DECEMBER 2006		3 Months
Advance Procurement/Advance Funding Items	Quantity	Date Contract Award Planned/Required	Delivery Date of First Equipment Required	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CFE FOR END ITEM	3 Shipsets	02/02	11/02	44 Months	N/A	5.000
<b>NARRATIVE DESCRIPTION</b> Funding is required to procure long-lead time materiel in support of the CV-22. This materiel is required in order to meet FY 2005 delivery schedule. Listed above is the first production system. Program year 2003. Costs: Manufacture of the CV-22 vehicle is primarily funded by USAF. Funding request contained in this document provides only for mission equipment and its accommodation required for SOCOM mission. This applies to "cost" shown above.						



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE AC-130U GUNSHIP ACQUISITION					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	849.833	29.280	9.741	8.705					

**MISSION AND DESCRIPTION:** The AC-130U Gunship Acquisition line item funds a new production C-130H airframe converted to a side-firing gunship configuration with advanced sensors, weapons and a digital avionics suite that will provide enhanced operational capability and reliability over the current AC-130H. Mission equipment includes synthetic aperture radar that gives the AC-130U all-weather strike capability, Infrared Detection System and an All Light Level Television. Dual redundant MIL-STD-1553B data buses with two independent fire control channels give the AC-130U dual target attack capability. Further enhancements to the AC-130U are a pressurized cabin for deployment plus in-flight reconfiguration-for-firing ability. The primary mission for the AC-130U will be precision fire support for Special Operations Forces, but it has the flexibility to perform armed escort, surveillance, search and rescue, armed reconnaissance, and interdiction.

**FY 2002 PROGRAM JUSTIFICATION:** Program funds for the ongoing sustainment of the AC-130U through interim contractor support; reliability, maintainability, and technical studies; flight test support; deficiency corrections and technical order format conversion. Program also continues software integration support, postproduction support, and intermediate and depot level support equipment modification effort.



## UNCLASSIFIED

## BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2P-1 ITEM NOMENCLATURE  
C-130 MODIFICATIONS

	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	1,041.412	101.617	29.900	8.176					

**MISSION AND DESCRIPTION:** The C-130 Modifications line item provides for numerous modifications to various models of the C-130 aircraft. Program is comprised of modifications generated from mission performance deficiencies, logistics problems and changes in the mission of the C-130 aircraft.

**FY 2002 PROGRAM JUSTIFICATION:**

- Fund ongoing sustainment initiatives for the AC-130H Gunship.
- Fund ongoing sustainment initiatives for the MC-130E and MC-130P.
- Upgrade current ALE-40 systems with a digital ALE-47 dispenser system capable of using RR-180 dual chaff and other advanced expendables.
- Fund ongoing sustainment initiatives for the EC-130 (Commando Solo).
- Replace the current gas turbine compressor with the 180L auxiliary power unit on eight AC-130H aircraft.
- Start procurement of data in support of Towed Decoy modification.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2

P-1 ITEM NOMENCLATURE  
C-130 MODIFICATIONS

- Replace the current SST-181 Beacons with APX-116 Beacons on SOF aircraft.

## UNCLASSIFIED

## BUDGET ITEM JUSTIFICATION SHEET

DATE JUNE 2001

APPROPRIATION / BUDGET ACTIVITY  
PROCUREMENT, DEFENSE - WIDE / 2P-1 ITEM NOMENCLATURE  
C-130 MODIFICATIONS

## MODIFICATION SUMMARY

<u>DESCRIPTION</u>	<u>Prior Years</u>	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
1. AC-130H Armor Reconfiguration (formerly AC-130H Wgt Red)		.326							
2. AC-130H Sustainment		.985	1.227	1.625					
3. AC-130U Comm Upgrade	6.390		1.570						
4. Covert Laser Illuminator Assembly (formerly AC-130U P3I (Cov LIA))		2.915	7.713						
5. ALR-69 and ALQ-172 Antennas		4.735	2.840						
6. AC-130U Pre-Planned Product Improvements	5.331		5.380						
7. MC-130E/P Sustainment (formerly AFMC C-130 Min Mods)			.644	.714					
8. APX-116 Beacons				4.458					
9. ALE-47 Chaff and Flare Dispenser		.910							
10. MC-130H Auxiliary Power Unit Upgrade	6.094	.164	.194						
11. DIRCM Kits	100.332	59.111							
12. EC130 Sustainment				.227					
13. EC-130E Upgrades	14.798	.760							
14. Gas Turbine Compressor		1.523		1.152					
15. AC/MC 130 Low Band Jammer Mods ( formerly ALQ-172 LBJ Upg)	.273	7.734							
16. AC-130H Low Light Level TV Replacement	22.961	22.454	10.332						
<b>SUBTOTAL FOR MODS</b>	<b>156.179</b>	<b>101.617</b>	<b>29.900</b>	<b>8.176</b>					



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE AIRCRAFT SUPPORT					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	237.022	.502	2.166	1.763					

**MISSION AND DESCRIPTION:** The Aircraft Support line item provides for various types of equipment required to support Special Operations Forces (SOF) aircraft. A more detailed description and justification of the requirements follows:

1. **ACQUISITION PROGRAMS.** C-17 Special Operations Low Level (SOLL) II. This program modifies the C-17 and KC-135 for the SOLL II mission. The C-141's currently performing the SOLL II mission are reaching their service life and are planned for retirement by FY 2002. This program incorporates communications and cargo handling modifications to allow the C-17 and KC-135 to support the full range of SOLL II missions upon retirement of the C-141's.

**FY2002 PROGRAM JUSTIFICATION:** Continues procurement of avionics to enhance aircraft capabilities for USSOCOM SOLL II missions. Installs updated equipment on KC-135 SOLL II support aircraft.

2. **SUSTAINMENT PROGRAMS.** USSOCOM Command and Control (C2) EC-137 aircraft. This is the SOF C2 aircraft modified with suitable secure communications necessary for USSOCOM to perform its mission. This aircraft is responsive to contingency operations and capable of rapid, worldwide deployment. The aircraft transports personnel required for C2 operations and allows them to interface with other theater staffs. The EC-137 is a modified commercial Boeing 707 and must be kept current with applicable Federal Aviation Administration (FAA) service bulletins, airworthiness directives, safety supplemental inspection directives, and time compliance technical orders.

**FY2002 PROGRAM JUSTIFICATION:** Continues EC-137 communication upgrades and other FAA-directed airworthiness requirements.

3. **16TH SOW SUPPORT EQUIPMENT.** Provides support items to maintain, train, deploy and employ SOF aircraft.

**FY2002 PROGRAM JUSTIFICATION:** Funds SOF unique support equipment for 16th SOW aircraft.





UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE ADVANCED SEAL DELIVERY SYSTEM (ASDS)					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	11.541	13.341	10.474	33.439					

**MISSION AND DESCRIPTION:** The Advanced Sea, Air, Land (SEAL) Delivery System (ASDS) line item funds a manned combatant mini-submarine used for the clandestine delivery of Special Operations Forces personnel and weapons. The ASDS will provide the requisite range, endurance, payload, and other capabilities for operations in a wide-range of threat scenarios. Procurement includes funds for conversion of submarine hosts for ASDS.

**FY 2002 PROGRAM JUSTIFICATION:** Acquires government furnished equipment, peculiar support equipment, outfitting spares, host support equipment and transporter, and provides for program office support. Also provides for alterations to vehicle # 1 and/or host submarines as a result of host ship testing and shakedown.



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE ASDS ADVANCE PROCUREMENT					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	4.753	.728	18.972	13.697					

MISSION AND DESCRIPTION: The Advanced Sea, Air, Land (SEAL) Delivery System (ASDS) Advance Procurement line item procures long lead items for the ASDS. The ASDS is a manned combatant mini-submarine used for the clandestine delivery of Special Operations Forces personnel and weapons. The ASDS will provide the requisite range, endurance, payload, and other capabilities for operations in a wide-range of threat scenarios.

FY 2002 PROGRAM JUSTIFICATION: Funding is required to procure long-lead time materiel in order to support an FY 2003 contract award for ASDS #2.

UNCLASSIFIED

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT (P-10) (PROCUREMENT OF ADVANCE DESIGN AND MATERIAL) (TOA, Dollars in Thousands)					BUDGET YEAR 1 FOR FISCAL YEAR PROGRAM 2002	
					DATE: JUNE 2001	
Weapon System Type (Model/Series No.)		FIRST SYSTEM AWARD DATE		FIRST SYSTEM COMPLETION DATE		Interval Between System Completions (Months)
ADVANCED SEA, AIR LAND (SEAL) DELIVERY SYSTEM						
Advance Procurement/Advance Funding Items	Quantity	Date Contract Award Planned/Required	Delivery Date of First Equipment Required	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ELECTRICAL HARNESES & WIRING	1 Ship Set	11/01	12/02	14 Months	2.900	2.900
TUBING & PIPING	1 Ship Set	11/01	11/02	13 Months	.397	.397
BATTERY BOTTLES	1 Ship Set	11/01	04/03	18 Months	4.400	4.400
VALVES & FITTING	1 Ship Set	11/01	10/02	12 Months	1.500	1.500
CHASSIS & PANEL ASSY	1 Ship Set	11/01	10/02	12 Months	4.500	4.500
						13.697
<b>NARRATIVE DESCRIPTION</b> Funding is required to procure long-lead time materiel in support of the Advanced SEAL Delivery System (ASDS). This materiel is required in order to maintain an FY 2003 contract award in support on an FY 2006 delivery schedule for ASDS #2.						

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SOF ORDNANCE REPLENISHMENT					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	158.671	33.887	36.094	31.415					

**MISSION AND DESCRIPTION:** The Ordnance Replenishment line item provides ammunition for Special Operations Forces (SOF) components for required training and war reserve stock. The required funding will allow SOF components to accomplish the required annual training and maintain the required war reserve quantities.

1. SOF Munitions (formerly called Naval Special Warfare Munitions). Provides replenishment munitions for SOF resupply of peacetime expenditures, specified combat reserve requirements and production support.

**FY 2002 PROGRAM JUSTIFICATION:** Funding procures the following munitions: 40MM Cartridges (all types), Light Anti-Armored Weapons (LAW) System (includes 21MM LAW sub-caliber trainer and cartridges), STINGER Missile Training Support Equipment, Shotgun Cartridges (all types), Handgun Cartridges (all types of 9MM, .45 Caliber, .357 Magnum), Rifle/Machine Gun Cartridges (all types of 5.56MM, 7.62MM and .50 Caliber), Grenades (offensive and smoke), and a variety of pyrotechnic signaling devices and demolition material consisting of signals, training devices, explosives, firing devices and accessories, detonating cord and time fuze, blasting caps and initiators, and underwater mines and components. Actual quantities vary depending on training requirements.

2. Air Force Special Operations Command Training Munitions. Provides training ammunition required to maintain AC-130 Gunship crew mission related readiness skills. Quantities vary depending upon training requirements.

**FY 2002 PROGRAM JUSTIFICATION:** Continue to procure replenishment ammunition for training.



## UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SOF ORDNANCE ACQUISITION					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	134.357	23.675	26.224	5.635					

**MISSION AND DESCRIPTION:** The Special Operations Forces (SOF) Ordnance Acquisition line item includes ordnance items that have acquisition requirements. This program provides a variety of items developed and modified for SOF.

1. SOF Demolition Kit. This kit consists of inert hardware sets for explosively formed penetrators, conical shape charges, and linear shaped charges along with tools, equipment, and attaching devices for constructing and emplacing a variety of demolition charges. The kit allows the SOF operator to tailor the demolition charges to the target providing greater lethality and mission flexibility.

**FY 2002 PROGRAM JUSTIFICATION:** This is a continuing effort to procure demolition kit items to meet the inventory objective for war reserve and training.

2. Improved Limpet Mine (ILM). The ILM is required for Sea, Air, Land (SEAL) delivery vehicle attacks against ships, submarines, nested patrol craft, submerged harbor facilities and various other maritime targets. The ILM will allow greater explosive weight to be delivered to the target, decreased time on target by improving handling procedures, and will result in an enhanced probability of mission success. However, development efforts have not yielded a material solution; therefore, the current effort is being terminated. The requirement remains valid.

3. IMP 105. The 105mm high fragmentation round is designed to optimize fragments for personnel and light materiel targets while minimizing collateral damage and danger close distances. This program include a proximity fuze for proper height of burst, making the new high frag round more effective. The IMP 105 program also includes a new target practice round that contains less explosives and is more cost effective for training.

**FY 2002 PROGRAM JUSTIFICATION:** Continues procurement of 105mm proximity fuzes and target practice rounds to meet the inventory objectives for war reserve and training.

## UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET		DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF ORDNANCE ACQUISITION	
<p>4. 40mm Refuze. This program provides more effective 40mm rounds of ammunition to successfully engage and defeat personnel and lightly armored targets. Moreover, this 40mm round satisfies an urgent safety requirement to replace the current MK-27 fuze which has been prone to failure over the past 40 years, and when attached to improved, more lethal projectiles, becomes a safety hazard to the gunship crew.</p> <p>5. Multi-Purpose Anti-Armor/Anti-Personnel Weapons System (MAAWS) Ammunition. MAAWS is a multi-purpose, man-portable, line-of sight, reloadable, salt water submersible, jumpable, and recoilless, day/night, anti-armor and anti-personnel weapon system which includes a family of munitions providing obscuration, illumination, personnel denial, armored vehicle denial and penetration, bunker and hardened facility penetration, and soft target destruction capabilities.</p> <p>FY 2002 PROGRAM JUSTIFICATION: This procurement continues efforts to meet the ammunition inventory objectives for war reserve and training.</p> <p>6. MK59. The MK59 is an absolute firing device, which will provide SEAL Teams with an absolute time delay capability. The MK59 will be the primary firing device used by the SEAL Teams.</p> <p>7. Penetration Augmented Munition (PAM). PAM is a man-portable, one-step set-up, hand emplaced munition system with increased penetration capability and greater warhead explosives than heavier and bulkier munitions. A 35-pound PAM replaces 200 pounds of C4 explosives.</p> <p>8. Remote Activated Munitions System (RAMS). RAMS provides a capability to remotely control detonation charges or the remote operation of other items of equipment such as beacons, laser markers, radios, and weapons.</p> <p>9. Foreign Ammunition. SOF units are required to be proficient in the use of foreign weapons. This program provides foreign training ammunition and related weapons and equipment to meet this need.</p> <p>10. Training Ammunition. This program is in direct support of urban combat training.</p>		



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET		DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF ORDNANCE ACQUISITION	
FY 2002 PROGRAM JUSTIFICATION: Procures paintball rounds to meet inventory needs for urban combat school.		

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items SOF ORDNANCE ACQUISITION				Date: JUNE 2001					
Appropriation/Budget Activity/2									
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002	
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
<b>1. SOF DEMOLITION KIT</b>									
A. Kits	Raytheon; Indianapolis, IN	250		210	1,682				
B. Small Explosively Formed Penetrators (EFP)	Raytheon; Indianapolis, IN	1,130		475	270	1,440	720		
C. Medium EFPs	Raytheon; Indianapolis, IN	1,130		475	270	1,440	720		
D. Extra Large EFPs	Raytheon; Indianapolis, IN					200	170	200	140
E. Replenishment Kits						426	2,643	140	842
F. Multi-Fragmenting EFPs								200	160
G. Explosive Cable Cutters								920	28
Subtotal			4,879		2,222		4,253		1,170
<b>2. IMPROVED LIMPET MINE SYSTEM</b>									
A. Production Engineering & Spt	CSS, Panama City, FL						866		
B. Hardware	HITECH, East Camden, AR					38	866		
Subtotal							1,732		
<b>3. 105MM HIGH FRAGMENTATION (HR) ROUNDS</b>									
A. Rounds	Scranton AAP, Scranton, PA, & SNC, Canada	13,500		5,000	1,500				
B. Fuzes				7,500	3,251	10,218	3,658	2,500	1,007
C. Initial Product Testing					1,053		400		
D. Rounds (Target Practice)						26,704	3,455	9,229	1,169
Subtotal			7,139		5,804		7,513		2,176
<b>4. 40MM PGU9 A/B REFUZE</b>									
A. Refuzing Cost	McAlester AAP, McAlester, OK				1,174		24		
B. Spotting Charge				100	454				
Subtotal			13,504		1,628		24		
<b>5. MULTI-PURPOSE ANTI-ARMOR/ANTI PERSONNEL WEAPONS SYSTEM</b>									
A. Engineering Spt							181		
B. Heat 551C IM	Bofors, Sweden	2,656				1,850	3,687	505	1,014
C. 441C IM	Bofors, Sweden	1,486				821	1,224	670	1,000
Subtotal			9,229				5,092		2,014
<b>6. MK 59</b>									
A. Hardware	AMTEC Corp; Janesville, WI	5,423		6,672	5,338				

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items SOF ORDNANCE ACQUISITION				Date: JUNE 2001							
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
Subtotal			4,339		5,338						
7. PENETRATION AUGMENTED MUNITION											
A. Testing					946						
B. Hardware	Alliant Tech, Hopkins, MN			39	1,450	64	2,484				
C. Program Support					375		398				
Subtotal			3,846		2,771		2,882				
8. REMOTE ACTIVATED MUNITIONS SYSTEM											
A. Transmitters/Receiver - Type A Kits	Raytheon; Indianapolis, IN	500		179	3,580						
B. Receivers - Type B	Raytheon; Indianapolis, IN	560		394	964	2,000	4,508				
C. Engineering Support					333		220				
Subtotal			13,711		4,877		4,728				
9. FOREIGN WEAPONS AND AMMUNITION											
A. 7.62 x 54mm											
B. 9 x 18mm	GSI Inc.; Trussville, AL			22,000	4						
C. 12.7mm Ball	GSI Inc.; Trussville, AL			65,000	130						
D. RPG-7											
E. Equipment					261						
F. Test/Transport					240						
G. Program Support					50						
Subtotal					685						
10. TRAINING AMMUNITION											
A. Paint Ball Rounds				900	350			717	269		
B. Program Support									6		
Subtotal					350				275		
PROGRAMS FUNDED PRIOR TO FY00											
			77,710								
LINE ITEM TOTAL			134,357		23,675		26,224		5,635		

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items COMMUNICATIONS EQUIPMENT & ELECTRONICS					Date: JUNE 2001				
Appropriation/Budget Activity/2									
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002	
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
<b>1. SPECIAL MISSION RADIO SYSTEM</b>									
A. Manpack Radio 137F		1,001						126	3,605
B. General Purpose HF Radios	Harris; Rochester, NY	421							
C. Transportable Base Stations		52							
D. Ancillary Equipment	(Open Competition)				192		82		512
Subtotal			47,675		192		82		4,117
<b>2. MULTI-BAND/MULTI MISSION RADIO</b>									
A. Manpack Hardware	Raytheon; Ft. Wayne, IN			227	5,399	337	7,319	354	7,061
B. Fixed Mount Hardware	Raytheon; Ft. Wayne, IN			2	145	171	8,255	18	854
C. Ancillary Equipment/Training	Raytheon; Ft. Wayne, IN				183		275		372
D. Non Recurring Engineering(NRE)/ECOs	Raytheon; Ft. Wayne, IN						526		598
Subtotal					5,727		16,375		8,885
<b>3. MULTI-BAND INTER/INTRA TEAM RADIO</b>									
A. Urban Radio Hardware	Racal; Rockville, MD	1,078		1,103	5,330	984	4,770	701	3,512
B. Maritime Radio Hardware	Racal; Rockville, MD	156		1,067	5,396	12	61		
C. Ancillary Equipment	Racal; Rockville, MD				3,433		2340		1,250
D. NRE/ECOs/Training	Racal; Rockville, MD				1,023		45		
Subtotal			8,490		15,182		7,216		4,762
<b>4. NAVAL SPECIAL WARFARE TACTICAL RADIO SYSTEMS (TRS)</b>									
	Naval Air Warfare Center Aircraft Division, Patuxent River, MD	60	4,048	12	905			10	1,289
Subtotal			4,048		905				1,289
<b>5. SPECIAL OPERATIONS FORCES TACTICAL ASSURED CONNECTIVITY SYSTEM (SOFTACS)</b>									
A. SOFTACS Hardware	Raytheon; Marlboro, MA	4							
B. Deployable Multi-Channel SATCOM Terminals	Space and Naval Warfare Systems Center, Charleston, SC	10		8	2,148	5	7,741		
C. Production Support/Initial Training/Fielding/Testing	Space and Naval Warfare Systems Center, Charleston, SC				1,500				
D. Transitcase DDST	Space and Naval Warfare Systems Center, Charleston, SC					4	3,680		
<b>5. SPECIAL OPERATIONS FORCES TACTICAL ASSURED CONNECTIVITY SYSTEM (SOFTACS) (Cont.)</b>									

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items COMMUNICATIONS EQUIPMENT & ELECTRONICS						Date: JUNE 2001					
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
E. Initial Spares	Space and Naval Warfare Systems Center, Charleston, SC						3,361				
F. Legacy Interoperability Equipment	Space and Naval Warfare Systems Center, Charleston, SC				1,307						
G. Local Area Net ETIs					498		2,072				
Subtotal			39,219		5,453		16,854				
6. JOINT BASE STATION											
A. Core	Naval Air Warfare Center Aircraft Division, Patuxent River, MD	7									
B. Variant 1 Production											
(1) Variant 1 Vehicle System Hardware		12		5	12,792	1	3,109	1	3,155		
C. Variant 2 Production											
(1) Variant 2 Hardware	Naval Air Warfare Center Aircraft Division, Patuxent River, MD	24		2	3,872	3	6,460	1	2,262		
(2) Variant 2 Hardware-SOCPAC	Naval Air Warfare Center Aircraft Division, Patuxent River, MD					1	415				
D. Variant 3 Upgrade											
(1) Variant 3 Hardware	Naval Air Warfare Center Aircraft Division, Patuxent River, MD	9									
E. Variant 4 Production											
(1) Variant 4 Hardware	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			13	3,512	16	3,681	2	606		
F. ETI					3,020		1,029				
Subtotal			95,633		23,196		14,694		6,023		
7. COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS AND INTELLIGENCE AUTOMATION SYSTEM											
A. Work Stations				3,000	6,300						
B. Other. Peripherals					1,802		3,400		5,165		
C. Evolutionary Technology Insertions (ETIs)											
(1) Software Standardization	Igov.com, McLean, VA				4,700						
(2) Distant Learning Infrastructure	(Open Competition)				300				4,403		

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items COMMUNICATIONS EQUIPMENT & ELECTRONICS					Date: JUNE 2001						
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
7. COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS AND INTELLIGENCE AUTOMATION SYSTEM (Cont.)											
(3) Network R-engineering	Naval Air Warfare Center Aircraft Division, Patuxent River, MD				3,700		5,027				
Subtotal			30,438		16,802		8,427		9,568		
8. SCAMPI											
A. Deployable Nodes	Space and Naval Warfare Systems Center, Charleston, SC			10	4,292	3	1,392				
B. Node Relocation	Communication Electronic Command, Ft Monmouth, NJ	13		2	175						
C. Node ATM Retrofits	Space and Naval Warfare Systems Center, Charleston, SC			5	2,834	3	1,973	7	4,151		
D. Mini HUB ATM Upgrades	Space and Naval Warfare Systems Center, Charleston, SC							1	392		
E. COMSEC Suite Upgrade	Space and Naval Warfare Systems Center, Charleston, SC					30	660	18	1,150		
F. Red Switch Upgrade	Space and Naval Warfare Systems Center, Charleston, SC			1	800						
G. Step Interface and Comsec	Space and Naval Warfare Systems Center, Charleston, SC				1,174		421		359		
Subtotal			28,367		9,275		4,446		6,052		
9. VIDEO TELECONFERENCING (VTC)											
A. Site Hardware	Picture Tell, Boston, MA	36		5	1,660	2	307	2	342		
B. Desktop VTCs	(Open Competition)					1	25				
C. ETIs											
Subtotal			4,446		1,660		332		342		
10. HEADQUARTERS COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INFORMATION SYSTEMS							347		366		
Subtotal			963				347		366		
11. MISSION, PLANNING, ANALYSIS, REARSAL AND EXECUTION	Naval Air Warfare Center Aircraft Division, Patuxent River, MD						321				

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items COMMUNICATIONS EQUIPMENT & ELECTRONICS						Date: JUNE 2001					
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
Subtotal							321				
PRIOR COMMUNICATION EQUIPMENT ELECTRONIC SYSTEMS			155,055								
LINE ITEM TOTAL			414,334		78,392		69,094		41,404		

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	227.882	17.652	29.612	8.133					

**MISSION AND DESCRIPTION:** The Special Operations Forces (SOF) Intelligence Systems line item includes all SOF intelligence requirements under one procurement program. The systems procured in this line item are Joint Deployable Intelligence Support System (JDISS)-Special Operations Command, Research, Analysis and Threat Evaluation System (SOCRATES), SOF Intelligence Vehicle (SOF IV), Multi-mission Advanced Tactical Terminal (MATT), SILENT SHIELD, PRIVATEER, Special Operations Tactical Video System (SOTVS), and Joint Threat Warning System (JTWS).

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 systems comprise 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 will employ the latest standards and technology by transitioning from separate systems to full integration with the infosphere. The infosphere will allow SOF elements to operate with any force combination in multiple environments. The intelligence programs funded in this procurement line will meet emergent requirements and are grouped by the level of organizational element they support: Operational Element (Team), and Above Operational Element (Garrison).

**OPERATIONAL ELEMENT (TEAM)**

1. MATT. Program enables combat forces to directly receive near-real-time operational intelligence products and threat information to support mission planning, updates, and execution. The program integrates MATT capabilities with Command, Control, Communications, and Intelligence Systems (C3I). MATT addresses the primary requirement for situational awareness during infiltration and exit from operating areas. MATT was designated by Assistant Secretary of Defense (C3I) as one of the two tactical terminal migration systems, and the MATT design has been designated as the interim airborne variant of the Joint Tactical Terminal.



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET		DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS	
<p>2. <b>SILENT SHIELD.</b> The program is part of an evolutionary JTWS migration being developed to support SOF-wide operations. System development emphasizes a rapid prototyping effort to develop, test, and field systems that provide direct threat warning and enhanced situational awareness data to SOF aircrews at the collateral SECRET level. This program is consolidated under JTWS beginning in FY02.</p> <p>3. <b>PRIVATEER.</b> PRIVATEER is part of an evolutionary signal intelligence system migration and acquisition program that provides a permanent full spectrum Radar and Communications Early Warning capability aboard Cyclone-Class Patrol Coastal (PC) and MK-V Special Operations Craft (SOC). The PC configuration is confined to the electronic surveillance mission area, while the MK-V SOC configuration has been expanded to include hardware modules designed to satisfy unique platform requirements of each ship class. System configuration provides the equipment necessary to monitor and provide direction finding on radar and communications signals of interest. Also provides broadcast threat warning capabilities. Architecture is JDISS/Joint Maritime Communications and Intelligence Support System compliant with UNIX-based software. This program is consolidated under JTWS beginning in FY02.</p> <p>4. <b>JTWS.</b> JTWS is the evolutionary migration and acquisition program that provides force protection, integrated threat warning, and situational awareness equipment for SOF-wide application. Systems provide information derived through the detection and location of threat emitters and access to national intelligence broadcasts delivered via the Integrated Broadcast System. JTWS supports worldwide mission requirements with ground, maritime, airborne, and unattended applications, and is an evolutionary system derived through the migration of existing or developing technology. The program also acquires performance enhancements to meet emergent requirements. Beginning in FY02, the JTWS program consolidates legacy systems to include PRIVATEER, SILENT SHIELD and SOF Signals Intelligence (SIGINT) Manpack System.</p> <p>FY 2002 PROGRAM JUSTIFICATION: Procures evolutionary technology insertions to existing legacy systems to enhance improved signals of interest on those variants.</p> <p>5. <b>SOF IV.</b> The SOF IV is a deployable, automated, multi-source intelligence processing and dissemination system. The SOF IV extends the JDISS/SOCRATES architecture to the Joint Special Operations Task Force level permitting automated interface to all theater-level intelligence data handling systems. SOF IV provides for the receipt, processing, and manipulation of near-real-time intelligence data in order to produce highly tailored, accurate and timely intelligence products to support deployed SOF. The system employs a high mobility multi-purpose wheeled</p>		

BUDGET ITEM JUSTIFICATION SHEET	DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS
<p>vehicle configured with a rigid wall; standard integrated command post shelter to house computer servers, mass storage devices, and communications equipment; and a tent extension for the remote operation of analyst workstations. It incorporated DoD Intelligence Information System and JDISS standards and products in accordance with Joint Chief of Staff direction. A second configuration of the system also exists with identical performance capabilities using a modular, transit case design. This program is consolidated under the Tactical Local Area Network program beginning in FY 2002.</p> <p>6. SOTVS. SOTVS will provide the capability to forward digital imagery in near-real time via current or future communication systems (i.e., landline, high frequency, very high frequency, and satellite communication radios) in support of surveillance and reconnaissance missions. This manpackable tactical system will consist of moderately ruggedized splashproof-Still Digital (SV1A) cameras, ruggedized laptop computers with image manipulation compression software and data controllers. The program also acquires performance enhancements to meet emergent requirements.</p> <p>ABOVE OPERATIONAL ELEMENT (GARRISON)</p> <p>7. JDISS/SOCRATES. The JDISS/SOCRATES Program provides a wide range of mission-directed automated intelligence and imagery support to HQ USSOCOM, its component commands, and Theater Special Operations Commands, both in-garrison and deployed. JDISS/SOCRATES also includes the 4th Psychological Operations Group Psychological Operations Automation System and the Joint Special Operations Command Special Operations Intelligence System. JDISS/SOCRATES is an umbrella client-server based architecture which allows single workstation access to the data bases and provides secure, on-line services to remote sites via SCAMPI (a secure communications distribution system), Secret Internet Protocol Routed Network, and the Joint Worldwide Intelligence Communications System. Through connectivity with local, theater and national intelligence assets and databases, JDISS/SOCRATES provides tailored, near real-time support to the SOF analysts. JDISS/SOCRATES capabilities include data processing, video mapping, news and message traffic, soft copy imagery processing and secondary imagery dissemination. The program is an evolutionary technology insertion program to ensure SOF intelligence interoperability and connectivity worldwide.</p> <p>FY 2002 PROGRAM JUSTIFICATION: Procures next generation technology insertions for the JDISS/SOCRATES program, which includes</p>	

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET		DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS	
<p>the Psychological Operations Automation System and the Special Operations Intelligence System.</p> <p>8. Tactical Local Area Network (TACLAN): The TACLAN program centralizes management of the SOF TACLAN requirements to integrate current and future tactical automated information support initiatives into a single efficient information management system. The program consolidates the tactical local area network operational requirements document (ORD) requirements for SOCRATES, SOFTACS, SOFIV, and Joint Base Station and is validated as a priority requirement for the command. The program also acquires performance enhancements to meet emergent requirements.</p> <p>FY 2002 PROGRAM JUSTIFICATION: Procurement of equipment to meet ORD requirements and for technology enhancements at various locations for already fielded systems.</p>		

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items SOF INTELLIGENCE SYSTEMS				Date: JUNE 2001					
Appropriation/Budget Activity/2									
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002	
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
<b>1. MULTI-MISSION ADVANCED TACTICAL TERMINAL (MATT)</b>									
A. Prime Mission Equipment (PME) (MATT)	Raytheon Sys, CO; Baltimore, MD	85		13	2,621				
B. MATT Retrofit							375		
Subtotal			70,495		2,621		375		
<b>2. SILENT SHIELD</b>									
A. PME - Communications Surveillance System						8	1,228		
B. PME - Tactical Data Receiver	Raytheon Sys, CO; Baltimore, MD					1	202		
C. Aircraft Installations	Space and Naval Warfare Systems Center, Charleston, SC					45	8,191		
D. Initial Spares/Support Equipment	Space and Naval Warfare Systems Center, Charleston, SC						741		
E. Production Engineering/Training	Space and Naval Warfare Systems Center, Charleston, SC						520		
Subtotal			3,193				10,882		
<b>3. PRIVATEER</b>									
A. PME - MKV	Space and Naval Warfare Systems Center, Charleston, SC	20							
B. Production Engineering - MKV	Space and Naval Warfare Systems Center, Charleston, SC				388				
C. Evolutionary Technology Insertions (ETIs)	Space and Naval Warfare Systems Center, Charleston, SC						188		
Subtotal			33,951		388		188		
<b>4. Joint Threat Warning System</b>									
A. Ground Variant	National Security Agency, Wash DC			1	600				
B. Production Engineering/ECO					372		465		
C. Legacy System ETIs								1,007	
Subtotal			21,305		972		465	1,007	
<b>5. SOF INTELLIGENCE VEHICLE (SOF IV)</b>									
A. PME- SOF IV-ETI (SOF IV-M)				5	2,602				
B. PME - Huttet SOFIV		10							
C. PME - Dehuttet SOFIV		2							
Subtotal			23,027		2,602				

Exhibit P-40A, Budget Item Justification for Aggregated Items SOF INTELLIGENCE SYSTEMS						Date: JUNE 2001					
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
6. SPECIAL OPERATIONS TACTICAL VIDEO SYSTEM											
A. PME - SV1A	Eastman Kodak, Inc, Rochester, NY					109	4,916				
B. SVIA Non-Recurring Engineering	Eastman Kodak, Inc, Rochester, NY				2,881						
C. Training /ECOs	Eastman Kodak, Inc, Rochester, NY						235				
D. Initial Spares	Eastman Kodak, Inc, Rochester, NY						621				
Subtotal					2,881		5,772				
7. JDISS/SOCRATES											
A. Psyop Automated Systems					74						
B. Technology Insertions					2,276		5,269		4,300		
C. Finish Block 3 Upgrade					3,949						
D. Block 4 Upgrade							336		648		
E. Special Operations Intelligence System					1,889		3,346		1,082		
F. Portable Intel Collect & Relay Capability							2,979				
Subtotal			32,556		8,188		11,930		6,030		
9. TACTICAL LOCAL AREA NETWORK (TACLAN)											
A. Technical Enhancement	(Open Competition)								1,096		
Subtotal									1,096		
PRIOR SOF INTELLIGENCE SYSTEMS			43,355								
LINE ITEM TOTAL			227,882		17,652		29,612		8,133		

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SMALL ARMS AND WEAPONS					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	59.055	25.184	42.771	6.936					

**MISSION AND DESCRIPTION:** The Small Arms and Weapons line item provides small arms and combat equipment in support of Special Operations Forces (SOF), to include: Army Rangers, Army Special Forces, Navy Sea, Air, Land (SEALS), Navy special boat units, and Air Force Special Tactics Operators. This budget line procures a variety of weapons and equipment to include M4A1 SOF Carbine and Accessory Kit, Naval Special Warfare (NSW) Peculiar Weapons, SOF Personal Equipment Advanced Requirements (SPEAR), SOF Laser Marker, Lightweight Thermal Imager (LTI), Improved Night/Day Observation/Fire Control Device (INOD), and Heavy Sniper Rifle (HSR).

1. Lightweight Machine Guns (LMG). The LMG program contains two lightweight machine guns. The 5.56mm is a lightweight, man-portable, highly reliable, corrosion resistant, belt fed, air-cooled machine gun capable of addressing area targets at ranges out to 600 meters. The weapon fires currently fielded 5.56 NATO standard rounds and is fully compatible with SOF Peculiar Modification (SOPMOD) accessory kit components. The 7.62mm will provide a compact, highly reliable, offensive/defensive 7.62mm weapon system that will give operational units the capability to project a significant level of firepower without significantly impacting load-bearing constraints. The 7.62mm will be capable of effectively engaging personnel and area targets at long range using 7.62mm NATO ammunition currently in the DoD inventory. The 7.62mm will also be compatible with the SOPMOD M4 Accessory Kit. The 7.62mm will replace the current 7.62mm machine gun (MK43) within the Naval Special Warfare inventory. A total of 492 7.62mm are required.

**FY 2002 PROGRAM JUSTIFICATION:** FY 2002 funds will be used to support the 7.62mm in areas of program management, engineering, logistics planning, test and evaluation (both technical and operational). Also, FY 2002 funds will be used to award the production contract for the 492 7.62mm LMGs.

2. Advanced Lightweight Grenade Launcher (ALGL). The ALGL supports the SOF requirement for a vehicle and man-portable, high velocity grenade launcher and advanced crew weapons fire control system.

## UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SMALL ARMS AND WEAPONS
<p>3. Body Armor Load Carriage System (BALCS). BALCS provides the SOF operator with a modular body armor and load bearing system. The body armor provides fragmentation, handgun, and rifle protection. The load carriage system consists of a butt pack, patrol pack, and rucksack system along with a vest or H-harness load bearing equipment with modular pockets. A key component of BALCS is the body armor that provides level IV protection including multiple hit 7.62 armor piercing ammunition. This capability translates directly into saving the lives of SOF operators.</p> <p>4. HSR. Provides SOF with a family of sniper weapons capable of providing standoff engagement capability against various materiel targets, while providing precision attack capabilities against personnel targets in strategic strike operations. The range of weapons and calibers are designed to decrease the potential for detection/capture while enhancing our discriminatory attack capabilities.</p> <p>5. INOD. Provides the SOF sniper with a lightweight, low signature, fire control and observation device which allows the sniper to detect, acquire, and engage targets out to the weapon's maximum effective range under day/night conditions. Precludes the need to carry two devices (one for day operations, one for night operations). Allows the sniper to go from day to night operations without re-zeroing.</p> <p>FY 2002 PROGRAM JUSTIFICATION: Procures 113 INODs to meet the inventory objective.</p> <p>6. LTI. LTI provides long range thermal observation and fire control for small arms weapons under day/night conditions and in the presence of obscurants.</p> <p>7. SOF Weapons Mods and Support Equipment. Provides accessories to the M4A1 Carbine for the individual SOF operator, enabling the operator to tailor the configuration of the weaponry to the assigned mission and operational environment. The M4A1 carbine has full automatic fire capability vice the three round burst of the Army standard M4. The M4A1 carbine accessory kit consists of a 4X day scope, 40mm quick attach/detach grenade launcher w/sight, a forward handgrip, infrared laser aiming light/illuminator, visible aiming light, flashlight, suppressor, close quarters battle sight, rail interface system, night scope, storage cases, and future accessories.</p> <p>FY 2002 PROGRAM JUSTIFICATION: Procures SOPMOD Special Purpose Receivers/Carbine Enhancements, mini-night vision sights,</p>	

## UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	DATE JUNE 2001
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SMALL ARMS AND WEAPONS
<p>grenade day/night sight mounts, enhanced combat optic sights, universal pocket scope mounts and modified sight systems to meet the inventory objective.</p> <p>8. Modular Integrated Communication Helmet (MICH). MICH provides the SOF operator with state of the art ballistic and impact protection helmet while simultaneously providing a communication portion that includes both a low noise profile bone microphone and a high noise profile hearing occlusion and hearing enhancement component. Inherent to this communications capability is a state-of-the-art impedance matching box, which allows the SOF operator to connect to the full family of SABER radios, portable radio communications radios, vehicle and boat intercoms, as well as rotary and fixed wing aircraft intercoms. As a modular system, the communications portion of this program can be used with or without the helmet.</p> <p>9. NSW Peculiar Weapons. Provides a variety of weapons, support equipment, and replacement parts. Provides support equipment such as gun mounts, stands, and installation kits for boat backfit or modification; purpose code replacement and/or follow-on procurement of unique weapons to maintain inventory; and product improvements to existing weapons in inventory.</p> <p>10. Night Vision Devices (NVD). The NVD will be used immediately to provide SOF operators with advanced replacements/upgrades to binoculars and low profile goggles. The program will procure long range visual augmentation devices for fire control, surveillance, and land navigation.</p> <p>11. Sniper Detection System (SDS). The SDS will allow SOF units to rapidly locate the position of a sniper in real time, thus conduct counter sniper operations. The SDS will have the capability to detect and locate small gunfire from 5.56mm, 7.62mm, or .50 cal weapons up to 1,200 meters.</p> <p>12. SPEAR Lightweight Environmental Protection (LEP). SPEAR-LEP is a continuation of an ongoing insulation subsystem, which includes five garments designed to provide protection to -40 degrees Fahrenheit. LEP includes lightweight underwear, mid-weight underwear, medium weight stretch bib overalls, a pile jacket and wind resistant jacket. The system is designed to be individually configured based upon mission, terrain and climate requirements. Follow on Block II efforts include flame resistant capabilities designed specifically for SOF aviators.</p>	



UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items SMALL ARMS AND WEAPONS				Date: JUNE 2001							
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
1. Lightweight Machine Guns											
A. Hardware - 5.56mm	FABRIQUE, Columbia, SC.	73		352	1,560						
B. Hardware - 7.62mm								492	3,472		
C. Production Support					260		205		266		
Subtotal			409		1,820		205		3,738		
2. Adv Lightweight Grenade Launcher											
A. Production Support									272		
B. Hardware						28	2,700				
Subtotal									2,972		
3. Body Armor/Load Carrying System											
A. Body Armor	Ceradyne, Costa Mesa, CA			2,458	4,137	3,985	6,687				
B. ELCS	Safariland, Ontario, CA			1,732	681	2,312	953				
C. Backpacks	Bianchi, Temecula, CA			1,224	688	2,632	1,489				
D. Production Support					138		551				
Subtotal					5,644		9,680				
4. Heavy Sniper Rifle											
A. SR25	Reed Knight, Vero Beach, FL.			325	1,680						
B. M88	NSWC Crane Div; Crane, IN			50	146						
C. .300 WINMAG	NSWC Crane Div; Crane, IN			40	99						
D. Production Support					76		66				
Subtotal					415		2,001		66		
5. Improved Night/Day Observation/Fire Control Device (Hardware)											
A. USASOC Hardware	ITT, Inc.; Roanoke, VA	12	912	115	1,358	254	3,000	113	1,340		
B. NSWC Hardware				81	954	127	1,500				
C. Production Support	PM-NV-RSTA Belvoir, VA				254		69		67		
Subtotal			912		2,566		4,569		1,407		
6. Lightweight Thermal Imager (Hardware)											
A. Hardware	Raytheon, Dallas TX			182	3,472	21	409				
B. Production Support			27								
Subtotal			27		3,472		409				
7. Special Operations Forces (SOF) Wpns Mods & Spt Equip											
A. Production Support							1,025		334		
B. Mini-night vision sights	Litton EOS, Garland TX	703		728	3,200	816	3,586	104	457		
C. Parachutist's Soft Case						606	182				
D. Extraction Parts/Bolt Kit						14,197	1,164				
7. Special Operations Forces (SOF) Wpns Mods & Spt Equip (Cont.)											

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items SMALL ARMS AND WEAPONS				Date: JUNE 2001							
Appropriation/Budget Activity/2											
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002			
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost		
E. Close Quarters Battle Receivers/Special Purpose Receivers				466	1,492	2,440	1,200	176	563		
F. Grenade Day/Night Sight Mount						930	533	20	14		
G. Sloping Cheekwell Buttstock						44	1				
H. Enhanced Combat Optic Sight						1,114	454	220	220		
I. Chamber Bore Sight						433	91				
J. Military Free Fall Harness						190	6				
K. Carbine Dust Cover						9,201	151				
L. Universal Pocket Scope Mount	Precision Reflex, New Bremen, OH			1,300	208			55	10		
M. Grenade Launcher Sight				100	500						
N. Modified Sight System				956	239			276	193		
Subtotal			24,792		5,639		8,393		1,791		
8. Modular/Integrated Comm Helmet											
A. Hardware	CGF, Newport, VT			33	43	5,095	6,523				
B. Production Support							100				
Subtotal					43		6,623				
9. Naval Special Warfare Peculiar Weapons											
A. Waterproof Night Vision Goggles	NSWC Crane Div; Crane, IN	212		200	1,493						
B. Mounts	NSWC Crane Div; Crane, IN	93		6	14	187	470				
Subtotal			5,033		1,507		470				
10. Night Vision Devices											
A. Night Star Binoculars	DRS, Palm Bay, FL			150	1,943						
B. Low profile Night Vision Goggles	STS, Beaver Creek, OH					498	3,963				
Subtotal					1,943		3,963				
11. Sniper Detection System											
A. Hardware	Pillar, Limonest, France					87	4,354				
B. Production Support							600				
Subtotal							4,954				
12. SOF Personal Equip Adv Req											
A. Lightweight Environmental Protective Clothing	Peckman Vocational Industries, Lansing, MI	3,450		2,288	549	1,946	467				
Subtotal			8,984		549		467				
Programs Funded Prior to FY00			18,898								
LINE ITEM TOTAL			59,055		25,184		42,771		6,936		

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SOF COMBATANT CRAFT SYSTEMS					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)		12.413	18.339	6.042					

**MISSION AND DESCRIPTION:** The Special Operations Forces (SOF) Combatant Craft Systems line item serves as the umbrella for all USSOCOM combatant craft programs. Currently, it incorporates the Naval Special Warfare (NSW) Rigid Inflatable Boat (RIB), the Special Operations Craft-Riverine (SOC-R), and the Maritime Craft AirDrop System (MCADS) programs.

1. NSW RIB. The NSW RIB program provides a short-range surface mobility platform for SOF insertion and extraction, and replaces the Special Warfare Craft (Light), or SEAFOX, and other RIBs which have ended service life. The program supports the procurement of NSW RIB systems, to include boats, contractor logistics, trailers, deployment packages, initial outfitting, engineering changes, prime movers, spares package, and initial integration of the Integrated Bridge System on the 11M RIB.

FY 2002 PROGRAM JUSTIFICATION: Procures replacement NSW RIB systems.

2. SOC-R. The armored riverine craft will provide the capability to insert and extract SOF in the riverine environment. It replaces the Vietnam-era MK II Patrol Boat, Riverine and Mini-Armored Troop Carrier. The craft is capable of navigating coastal, restricted and shallow rivers, estuaries, bays and the littoral. It is also capable of carrying light organic arms and being transported and airdropped by C-130 aircraft.

3. MCADS: Provides a cradle system to air-deploy an 11M RIB from a fixed wing platform to support the infiltration of SOF forces with a greater operational effectiveness than previous air-deployable systems of waterborne craft. The MCADS provides an immediate capability to insert SEALs for current real world contingency operations. The system is reusable to facilitate training with the system.

FY 2002 PROGRAM JUSTIFICATION: Procures MCAD System cradles and provides for alterations to ensure interoperability with existing combatant craft systems.





UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SOF MARITIME EQUIPMENT					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	66.713	.665	7.312	2.975					

**MISSION AND DESCRIPTION:** The Special Operations Forces (SOF) Maritime Equipment Line item provides SOF unique equipment and related production support necessary for the Naval Special Warfare (NSW) Command to execute special operations and fleet support missions in support of its role as the Naval Component of U.S. Special Operations Command. This line item includes Dry Deck Shelter (DDS) field changes, and procurement of the Non-Gasoline Burning Outboard Engine, the Swimmer Transport Device (STD), the Semi-Autonomous Hydrographic Reconnaissance Vehicle, and the Hydrographic Reconnaissance Littoral Mapping Device (HRLMD).

**FY 2002 PROGRAM JUSTIFICATION:** Completes the procurement of HRLMDs (45) in support of NSW mine countermeasures and STDs (13) used to provide undersea transport for combat swimmers from host delivery vehicles to the target area or landing site. Provides for DDS maintenance, certification, field changes, and overhauls.



UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE JUNE 2001		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE MISCELLANEOUS EQUIPMENT					
	Prior Years	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
QUANTITY									
COST (In Millions \$)	47.480	10.044	14.242	8.111					

**MISSION AND DESCRIPTION:** The Miscellaneous Equipment line item provides for various types of equipment required to support Special Operations Forces (SOF). The line consists of relatively low cost procurements that do not reasonably fit in other USSOCOM procurement line item categories. Examples are joint operational stocks, civil engineering support equipment, and sustainment equipment.

1. **Joint Operational Stocks (JOS).** JOS is a USSOCOM managed stock of materiel designed to provide SOF access to immediately available equipment in support of real world, contingency and training missions. The equipment contained within JOS generally falls into one of the following categories: night vision devices and optics, weapons, communications, personnel protection, and bare base support. The JOS inventory is maintained, stored and issued through the SOF Support Activity located in Lexington, KY.

**FY 2002 PROGRAM JUSTIFICATION:** Procurement funds will be used to resolve authorization shortfalls, particularly those with high customer demands and low fill rates (i.e., communications and bare base support equipment).

2. **Civil Engineering Support Equipment.** Funding procures authorized vehicles and construction/maintenance equipment.

**FY 2002 PROGRAM JUSTIFICATION:** Continued procurement of vehicles and construction/maintenance equipment in accordance with authorized inventory objectives.

3. **Sustainment Equipment.** Procures investment sustainment items for components and subordinate commands. Items included within this line are replacement diving boats and administrative support equipment.

**FY 2002 PROGRAM JUSTIFICATION:** Continued procurement of investment sustainment items.



UNCLASSIFIED

<p>BUDGET ITEM JUSTIFICATION SHEET</p>		<p>DATE JUNE 2001</p>
<p>APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2</p>	<p>P-1 ITEM NOMENCLATURE MISCELLANEOUS EQUIPMENT</p>	
<p>4. Collateral Equipment. Provides collateral equipment for various MILCON projects.</p> <p>5. SOF Peculiar Weapons. Provides weapons, parts, and support items such as gun mounts, sniper scopes, suppressors, and ancillary equipment.</p> <p>FY 2002 PROGRAM JUSTIFICATION: Procures replacement weapons including .357 cal revolvers, assault rifles, and .300 Winmag rifles, replacement parts, sniper scopes, suppressors, and ancillary equipment.</p> <p>6. Naval Small Craft Instructor and Technical Training School (NAVSCIATTS). This funding provides miscellaneous equipment for the riverine training effort conducted at NAVSCIATTS.</p>		



UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items PSYOP EQUIPMENT					Date: JUNE 2001				
Appropriation/Budget Activity/2									
Procurement Items	CONTRACTOR AND LOCATION	PY'S		FY 2000		FY 2001		FY 2002	
		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
<b>1. FAMILY OF LOUDSPEAKERS</b>									
A. Vehicle/watercraft	Raytheon E Systems; Richardson, TX	347							
B. Aircraft	Raytheon E Systems; Richardson, TX					22	900		
C. Aircraft First Article Testing	Raytheon E Systems; Richardson, TX				958				
Subtotal			16,800		958		900		
<b>2. LEAFLET DELIVERY SYSTEM</b>									
A. Wind Supported Air Delivery System									
(1) Hardware	Mobility Integrated System Technology Inc., Ontario, Canada							4	991
(2) Engineering Change Order/Data/Training									56
Subtotal									1,047
<b>3. SPECIAL OPERATIONS MEDIA SYSTEM B</b>									
A. PSYOPS Distribution System	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			1	459				
B. Digital Video Distribution System	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			1	1,036				
C. Mobile Radio Broadcast System (MRBS) Evolutionary Technology Insertions (ETI's) Block 2									
(1) Digital Production - Baseband	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			6	786				
D. Mobile Television Broadcast System (MTBS) ETI's Block 2									
(1) Digital Production	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			6	786				
(2) Digital Production-Non Linear Editor	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			5	574				
E. MTBS ETI Block 3									
(1) UHF Transmission	Naval Air Warfare Center Aircraft Division, Patuxent River, MD			2	651				
F. MTBS ETI Block 4									
(1) UHF Transmitters	Naval Air Warfare Center Aircraft Division, Patuxent River, MD							3	1,037
G. Engineering Change Order	Naval Air Warfare Center Aircraft Division, Patuxent River, MD								
Subtotal			31,150		4,292				1,037

