

COMMITTEE LANGUAGE FOR FISCAL YEAR 2004

**AV-8B (V/STOL) HARRIER
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
12,493	12,493	12,493	12,493	12,493	12,493	12,493

**AV-8 SERIES
ACCOUNT: APN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
20,866	57,866	70,866	57,866	57,866	57,866	57,866

**AV-8B AIRCRAFT ENG-DEV
ACCOUNT: RDT&E, Navy**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
10,527	17,527	17,527	10,527	8,027	10,527	8,727

HASC LANGUAGE (Rpt. 108-106)

Page 52, Aircraft Procurement, Navy

COMBAT AIRCRAFT							
1	AV-8B (V/STOL)HARRIER (MYP)	-	12,493				12,493
2	F/A-18E/F (FIGHTER) HORNET (MYP)	42	3,054,092	25,000			3,079,092

Page 54, Aircraft Procurement, Navy

26	EA-6B ICAP III kits AV-8 SERIES Litening AT pods and conversion of Litening II to AT	-	20,866	37,000	66,400	37,000	57,866
27	E-14 SERIES						

Page 160, RDT&E, Navy

0604214N	92 AV-8B Aircraft - Eng Dev AV-8B ELMP		10,527	7,000	7,000	17,527
			20,000	6,000		26,000

Page 56, Aircraft Procurement, Navy

AV-8B series modifications

The budget request contained \$20.9 million for AV-8B series modifications, but included no funds for Litening advanced air-borne targeting and navigation (AT) pods or for the upgrade of Litening II pods to the Litening AT configuration.

The Litening AT pod is the next generation Litening pod system that will incorporate an advanced forward-looking infra-red radar and other enhancements to the existing multi-sensor and precision strike capability. The committee understands that the Marine Corps has a requirement for 98 Litening targeting pods but has thus far only procured 76, for a shortfall of 22. Additionally, the committee understands that the Marine Corps has a requirement to upgrade eight Litening II pods to the Litening AT configuration so that all AV-8B Litening pods maintain the same configuration.

The committee notes that both the 22 Litening AT pods and the upgrade of eight Litening II pods to the Litening AT configuration are included among the Commandant of the Marine Corps' un-funded priorities for fiscal year 2004.

The committee recommends \$57.9 million for AV-8B series modifications, an increase of \$37.0 million for this purpose.

Page 172, RDT&E, Navy

AV-8B engine life management program (ELMP)

The budget request contained \$10.5 million in PE 64214N for AV-8B design, development, integration and test, of which \$2.3 million was included for the AV-8B ELMP.

The AV-8B ELMP is a comprehensive F402 engine program to improve its safety and reliability, and to increase the mean time between engine removals from 275 hours to 800 hours. The F402 is the single engine installed on all AV-8B aircraft. The committee understands that an increase is required in fiscal year 2004 to allow a third F402 accelerated simulated mission endurance test, to continue engine design improvements, and to provide improvements to the engine monitoring systems. The committee notes that both the Chief of Naval Operations and the Commandant of the Marine Corps have included the AV-8B ELMP among their unfunded priorities for fiscal year 2004.

Consequently, the committee recommends \$17.5 million in PE 64214N, an increase of \$7.0 million.

SASC LANGUAGE (Rpt. 108-46)

Page 47, Aircraft Procurement, Navy

1	AV-8B (V/STOL)HARRIER (MYP)	12,493		12,493
2	AV-8B (V/STOL)HARRIER (MYP)	2,046,280		2,046,280

Page 48, Aircraft Procurement, Navy

26	AV-8 SERIES	20,866	50,000	70,866
	AV-8B avionics upgrade		[13,000]	
	AV-8B Litening pods		[37,000]	

Page 64, RDT&E, Navy

0604214N	92	AV-8B AIRCRAFT - ENG DEV	10,527	7,000	17,527
		AV-8B aircraft engine development		[7,000]	

AV-8B aircraft modifications

The budget request includes \$20.9 million for modifications to the AV-8B aircraft, of which \$9.9 million is for core avionics up-grades.

No funding was included for Litening precision strike targeting pods.

As the AV-8B aircraft ages, the Navy is facing diminishing manufacturing sources and material shortages, resulting in problems with obsolescence of certain avionics components. Additional funding could be used to resolve known avionics deficiencies to improve readiness, availability, and safety. The committee notes that \$13.0 million was included on the Marine Corps' unfunded priority list for fiscal year 2004 for this purpose. The committee recommends an increase of \$13.0 million for AV-8B core avionics upgrades.

AV-8B aircraft have been using the Litening II targeting pod to provide precision targeting capability. A recent upgrade to the Litening II targeting pod has yielded the Litening advanced targeting (AT) configuration, which would increase the AV-8B's lethality and survivability by allowing standoff precision weapons delivery. The upgrade of eight Litening II targeting pods to the Litening AT configuration and the procurement of 22 Litening AT pods is included on the Marine Corps' unfunded priority list for fiscal year 2004. The committee recommends an increase of \$37.0 million for Litening II targeting pod upgrades and for the procurement of Litening AT pods, for a total authorization of \$70.9 million for modifications to the AV-8B aircraft.

AV-8B aircraft engine development

The budget request included \$10.5 million in PE 64214N for development efforts for the AV-8B aircraft, including \$2.3 million for the engine life monitoring program (ELMP). Additional funds in the ELMP could improve the F402 engine's safety, reliability, and increase the mean time between engine removal from 275 hours to 800 hours. These additional funds are noted in the Navy unfounded priority list. The committee recommends an increase of \$7.0 million in PE 64214N for the AV-8B aircraft ELMP.

CASC LANGUAGE (Rpt. 108-354)

1 AV-8B (V/STOL)HARRIER (MYP)	12,493	12,493	12,493	12,493
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AV-8 SERIES	20,866	57,866	70,866	37,000	57,866
AV-8B avionics upgrade			[13,000]		
Litening AT pods and conversion of Litening II to AT		[37,000]	[37,000]	[37,000]	

0604214N	92	AV-8B AIRCRAFT - ENG DEV	10,527	17,527	17,527	10,527
		AV-8B aircraft engine development		[7,000]	[7,000]	

Contains no language.

HAC LANGUAGE (Rpt. 108-187)

Page 132, Aircraft Procurement, Navy

26 AV-8 SERIES	20,866	57,866	+37,000
Litening Advanced Targeting (AT) pods - procure additional pods and upgrade Litening II pods to AT pods			+37,000

Page 135, Aircraft Procurement, Navy

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY AMOUNT	QTY AMOUNT	QTY AMOUNT

AIRCRAFT PROCUREMENT, NAVY			
COMBAT AIRCRAFT			
AV-8B (V/STOL)HARRIER (MYP)	--- 12,493	--- 12,493	--- ---

Page 135, Aircraft Procurement, Navy

AV-8 SERIES	---	20,866	---	57,866	---	+37,000
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Page 242, RDT&E, Navy

92 AV-8B AIRCRAFT - ENG DEV	10,527	8,027	-2,500
Moving Map Capability - reduce risk in highly concurrent schedule			-2,500

Page 258, RDT&E, Navy

AV-8B AIRCRAFT - ENG DEV		10,527		8,027		-2,500
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Contains no language.

SAC LANGUAGE, (Rpt. 108-87)

Page 79, Aircraft Procurement, Navy

AV-8B (V/STOL)HARRIER (MYP)		\$12,493		\$12,493		
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Page 80, Aircraft Procurement, Navy

AV-8 SERIES		20,866		57,866		+37,000
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Page 146, RDT&E, Navy

AV-8B AIRCRAFT—ENG DEV		10,527		10,527	
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Contains no language.

CAC LANGUAGE (Rpt. 108-283)

Page 169, Aircraft Procurement, Navy

COMBAT AIRCRAFT AV-8B (V/STOL)HARRIER (MYP)	12,493	12,493	12,493	12,493
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Page 170, Aircraft Procurement, Navy

AV-8 SERIES	20,866	57,866	57,866	57,866
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Page 172, Aircraft Procurement, Navy

26 AV-8 SERIES	20,866	57,866	57,866	57,866
Litening Advanced Targeting (AT) pods - procure additional pods and upgrade Litening II pods to AT pods		+37,000	+37,000	+37,000

Page 264, RDT&E, Navy

AV-8B AIRCRAFT - ENG DEV	10,527	8,027	10,527	8,727
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Page 281, RDT&E, Navy

92 AV-8B AIRCRAFT - ENG DEV	10,527	8,027	10,527	8,727
Moving Map Capability - reduce risk in highly concurrent schedule		-2,500		-1,800

Contains no language.