

Subject: Helicopter Survivability						DoD Serial Number:		
Appropriation Title: Various Appropriations						FY 10-02-R2 PA		
						Includes Transfer?		
						Yes		

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i

This prior approval reprogramming action is submitted for approval because it uses special transfer authority and exceed established reprogramming thresholds. This reprogramming action transfers \$183.093 million among various Defense appropriations. This reprogramming action uses \$178.705 million of special transfer authority pursuant to section 9002 of Public Law 111-118, the Department of Defense (DoD) Appropriation Act, 2010. This reprogramming action reprogram funds in support of higher priority items, based on unforeseen military requirements, than those for which funds were originally appropriated; and is determined to be necessary in the national interest. All of the items funded in this reprogramming are for emergency safety-of-life. **I certify that this reprogramming action is an emergency requirement and is necessary to fund. This action replaces reprogramming action FY 10-02-R PA, dated December 21, 2009.** The only change to the previous reprogramming request is the special transfer authority citation, which must be updated now that Public Law 111-118 is enacted. It meets all administrative and legal requirements, and none of the items has been denied previously by the Congress.

FY 2010 REPROGRAMMING INCREASES: **+183,093** **+65,800**

ARMY INCREASES: **+114,973** **+58,280**

Aircraft Procurement, Army, 10/12 **+96,173** **+48,749**

Budget Activity 2: Modification of Aircraft

CH-47 Cargo Helicopter Mods	86,927	86,927	<u>+37,475</u>	124,402
			<u>+579</u>	87,506

Explanation: Funds are required immediately to enhance the safety and survivability of the following aircraft:

- ~~\$18.360 million to procure 3,921 stroking passenger seats and field installation kits for 108 CH-47 helicopters, includes 10% spares. Stroking passenger seats absorb some of the z-axis forces in the event of hard vertical landings preventing or reducing injuries.~~
- ~~\$18.536 million to procure 4,634 seatbelt mounted airbags and installation kits for 108 CH-47 helicopters, including 30% spares. Seatbelt mounted airbags deploy in the event of hard landings preventing or reducing injuries. Kits are field installed.~~
- \$0.579 million procures 161 non-integrated terrain awareness handheld devices and spares as interim solution to mitigate or prevent Controlled Flight Into Terrain (CTIF) until a more permanent integrated solution can be developed and fielded.

OUSDC(C) Adj.

Approved (Signature and Date)

Robert F. Hale

11/18/10

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Utility Helicopter Mods		88,558		88,558		+58,698		147,256
						+48,170		136,728

Explanation: Funds are required immediately to enhance the safety and survivability of the following aircraft:

- \$45.100 million to procure 2,227 stroking passenger seats and installation kits for 184 UH-60A/L helicopters, includes 10% spares. Stroking passenger seats absorb some of the z-axis forces in the event of hard vertical landings preventing or reducing injuries. Kits are field installed.
- ~~\$10.528 million to procure 2,632 seatbelt mounted airbags and installation kits for 184 UH-60A/L helicopters including 30% spares. Seatbelt mounted airbags deploy in the event of hard landings preventing or reducing injuries. Kits are field installed.~~
- \$3.070 million procures 854 non-integrated terrain awareness handheld devices and spares as interim solution to mitigate or prevent Controlled Flight Into Terrain (CTIF) until a more permanent integrated solution can be developed and fielded.

OUSD(C) Adj.

Research, Development, Test, and Evaluation, Army, 10/11	<u>+18,800</u>	<u>+9,531</u>
<u>Budget Activity 7: Operational Systems Development</u>		
PE 0203744A Aircraft Modification/Product Improvement Programs		
215,392	215,392	
	+18,800	234,192
	+9,531	224,923

Explanation: Funds are required immediately to enhance the safety and survivability of the following aircraft:

- ~~\$12.8 million~~ \$9.531 million to develop installation kits for stroking seats for UH-60A/L (\$2.8 million) and CH-47 (~~\$10.0 million~~ \$6.731 million) helicopters. Stroking passenger seats absorb some of the z-axis forces in the event of hard vertical landings preventing or reducing injuries.
- ~~\$6.0 million to develop installation kits for seat belt mounted passenger air bags for UH-60A/L (\$3.0 million) and CH-47 (\$3.0 million) helicopters. Seatbelt mounted airbags deploy in the event of hard landings preventing or reducing injuries.~~

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<u>NAVY INCREASES:</u>						<u>+7,340</u>			
<u>Aircraft Procurement, Navy, 10/12</u>						<u>+4,208</u>			
<u>Budget Activity 5: Modification of Aircraft</u>									
V-22 Mods		24,426		24,426		+808		25,234	
<u>Explanation:</u> Funds are required for the retrofit of automated fire protection system for MV-22. The automated fire protection system will provide fire suppression in the event of on-board fires reducing the risks associated with on-board fires.									
Common Avionics Changes		142,371		142,371		+3,400		145,771	
<u>Explanation:</u> Funds are required to procure 938 non-integrated terrain awareness handheld devices and spares as interim solution to mitigate or prevent Controlled Flight Into Terrain (CTIF) for fielded non-fixed wing aircraft until a more permanent integrated solution can be developed and fielded.									
<u>Research, Development, Test, and Evaluation, Navy, 10/11</u>						<u>+3,132</u>			
<u>Budget Activity 5: System Development and Demonstration</u>									
PE 0604262N V-22A		76,691		76,691		+3,132		79,823	
<u>Explanation:</u> Funds are required to complete development of automated fire protection system for MV-22. The automated fire protection system will provide fire suppression in the event of on-board fires reducing the risks associated with on-board fires.									
<u>AIR FORCE INCREASE:</u>						<u>+180</u>			
<u>Aircraft Procurement, Air Force, 10/12</u>						<u>+180</u>			
<u>Budget Activity 5: Modification of Aircraft</u>									
CV-22 Mods		24,354		24,354		+180		24,534	
<u>Explanation:</u> Funds are required for the retrofit of an automated fire protection system for CV-22s. The automated fire protection system will provide fire suppression in the event of on-board fires reducing the risks associated with on-board fires.									

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<u>DEFENSE WIDE INCREASES:</u>						<u>+60,600</u>			
<u>Operation and Maintenance, Defense-Wide, 10/10</u>						<u>+2,600</u>			
<u>Washington Headquarters Services (WHS)</u>									
		592,509		592,509		+2,600		595,109	
<u>Explanation:</u> Funds are required for sustainment of flight data analysis for various helicopter platforms.									
<u>OUSD(C) Adj.</u>									
<u>Research, Development, Test, and Evaluation, Defense-Wide, 10/11</u>						<u>+58,000</u>			
<u>Budget Activity 3: Advanced Technology Development</u>									
<u>PE 1160402BB Special Operations Advanced Technology Development</u>									
		56,965		56,965		+55,000		111,965	
<u>Explanation:</u> Funds are required to demonstrate a remotely piloted vertical takeoff and landing aircraft capable of delivering supplies to forward deployed units. A remotely piloted aircraft will reduce the requirement to expose manned platforms to hostile environment when delivering supplies to forward deployed units.									
<u>SAC Denied</u>									
<u>Budget Activity 6: RDT&E Management Support</u>									
<u>PE 0606301D8Z Aviation Safety Technologies</u>									
		8,000		8,000		+3,000		11,000	
<u>Explanation:</u> Funds are required for development of flight data analysis for various helicopter platforms.									
<u>OUSD(C) Adj.</u>									
<u>FY 2010 REPROGRAMMING DECREASES:</u>						<u>-183,093</u>		<u>-65,800</u>	
<u>ARMY DECREASE:</u>						<u>-25,800</u>			
<u>Other Procurement, Army, 10/12</u>						<u>-25,800</u>			
<u>Budget Activity 2: Communications and Electronics</u>									
AMC Critical Items		54,000		54,000		-25,800		28,200	

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NAVY DECREASES:						-107,293		-40,000	
Aircraft Procurement, Navy, 10/12						-67,293			
<u>Budget Activity 5: Modifications of Aircraft</u>									
F/A-18 Modifications		96,000		96,000		-67,293		28,707	
HAC Denied									
Procurement, Marine Corps, 10/12						-40,000			
<u>Budget Activity 4: Communications and Electronics Equipment</u>									
Command Post Systems		23,041		23,041		-18,000		5,041	
<u>Budget Activity 6: Engineer and Other Equipment</u>									
Training Devices		122,304		122,304		-22,000		100,304	
AIR FORCE DECREASE:						-50,000			
Aircraft Procurement, Air Force, 10/12						-50,000			
<u>Budget Activity 7: Aircraft Support Equipment & Facilities</u>									
Other Production Charges		114,000		114,000		-50,000		64,000	
HASC and SASC Denied									
<p><u>Explanation:</u> The programs being used to finance this urgent time sensitive requirement remain valid and are necessary to reconstitute and recapitalize combat and support equipment as a result of prolong use in combat, or as a consequence of damage beyond repair. The identification of these programs as funding sources should not be perceived as lack of need, but instead an acceptance of risk, by postponing reconstitution in order to address a critical nearer term requirement. These funds are being made available based on the view of the Secretary of Defense that helicopter survivability efforts are a higher priority, and need to be addressed at this time. The Department anticipates requesting funds at a later date to restore, and proceed with these reconstitution projects.</p>									