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

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Program Previously Congressional Action Approved by Sec Def		Reprogram	ming Action	Revised	Program		
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
а	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:	<u>+183,093</u>	+65,800
ARMY INCREASES:	<u>+114,973</u>	+58,280
Aircraft Procurement, Army, 10/12 Budget Activity 2: Modification of Aircraft	+96,173	+48,749
CH-47 Cargo Helicopter Mods 86,927 86	,927 +37,475 +579	124,402 87,506

<u>Explanation</u>: 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.

OUSD(C) Adj.

Approved (Signature and Date)	
Rubert I Halo	1/18/10

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)								
	•	se Reflecting onal Action		Previously by Sec Def	Reprogran	nming Action	Revised	l Program	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
а	b	c	d	e	f	g	h	i	
Utility Helicopter Mods	3	88,558		88,558		+58,698		147,256	
5 00400 094A						+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, Tes	st, and Evaluation	i, Army, 10/11	$\pm 18,800$	+9,531
Budget Activity 7: Operation	al Systems Develo	pment		
PE 0203744A Aircraft Modif	ication/Product Im	provement Program	IS	
**	215,392	215,392	+18,800	234,192
			+9,531	224,923

<u>Explanation</u>: 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.

OUSD(C) Adj.

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REPROGRAMMING ACTION - PRIOR APPROVAL

Page 3 of 5

	Tuge 5 of 5
Subject: Helicopter Survivability	DoD Serial Number:
Appropriation Title: Various Appropriations	FY 10-02-R2 PA
	Includes Transfer?
	Yes

Component Serial Number:			(A	mounts in The	ousands of Dolla	ars)		
		se Reflecting onal Action		Previously by Sec Def	Reprogram	ming Action	Revised	Program
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	с	d	e	f	g	h	i

NAVY INCREASES:

+7,340

Aircraft Procurement, Navy, 10/12

+4,208

Budget Activity 5: Modification of Aircraft

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.

Research, Development, To	st, and Evaluation	, Navy, 10/11	+3,132	
Budget Activity 5: System I	Development and De	monstration	A	
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.

AIR FORCE INCREASE: +180

Aircraft Procurement, Air Force, 10/12 +180

Budget Activity 5: Modification of Aircraft

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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REPROGRAMMING ACTION – PRIOR APPROVAL Page 4 of 5

	: 1:1:								2
Subject: Helicopter Surv		- 104						D Serial Nu	
Appropriation Title: Variou	us Appropri	iations					_	FY 10-02	
								Includes T	
		62						Yes	S
Component Serial Number:			(A	mounts in Tho	usands of Dolla	irs)			
				Program Previously Approved by Sec Def		Reprogramming Actio		n Revised Progra	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amou	nt	Quantity	Amount
a	b	c	d	e	f	g		h	i
DEFENSE-WIDE INC	CREASES:					+60,6	00		
Operation and Mainte	enance, Def	fense-Wi	de, 10/10			+2,6	00		
Washington Headquarte	ers Services	(WHS)					7.		
		592,509		592,509		+2,6	00-		595,109
		entropy of the second second second				,			,
Explanation: Funds are	required fo	or sustair	ment of f	light data	analysis f	or vari	ous	heliconte	æ
platforms.	710401100 10	31 3031011		iigiii data	<i>anary</i> 515 1	01 1011	000	noncopie	
piatrorins.		4	OUSD(C)	Δdi					
		-	JUSD(C)	Auj.					
Descarch Davelenmer	nt Tost on	d Evolu	otion Dof	ongo Wie	Jo 10/11	±50 ∩	00		
Research, Developmen					ie, 10/11	+30,0	00		
Budget Activity 3: Adv			-		1				
	O								
PE 1160402BB Special	Operations				-				111065
PE 1160402BB Special	- Operations				elopment		00-		111,965
		56,965		56,965		+55,0			
Explanation: Funds are	e required to	56,965 demons	trate a rer	56,965 motely-pil	oted verti	+55,0	eoff		ling
Explanation: Funds are aircraft capable of deliv	e required to vering suppl	56,965 demons	trate a rer	56,965 motely-pil loyed uni	oted vertic	+55,0 eal tak	eoff ilot	ed aircrat	ing t will
Explanation: Funds are aircraft capable of delivereduce the requirement	e required to vering suppl to expose n	56,965 demons	trate a rer	56,965 motely-pil loyed uni	oted vertic	+55,0 eal tak	eoff ilot	ed aircrat	ing t will
Explanation: Funds are aircraft capable of deliv	e required to vering suppl to expose n	56,965 demons	trate a rer	56,965 motely-pil loyed uni	oted vertic	+55,0 eal tak	eoff ilot	ed aircrat	ing t will
Explanation: Funds are aircraft capable of delivereduce the requirement	e required to vering suppl to expose n	o demonsties to fornanned p	trate a rer	56,965 notely-pil loyed unit o hostile (oted vertic	+55,0 eal tak	eoff ilot	ed aircrat	ing t will
Explanation: Funds are aircraft capable of delivereduce the requirement	e required to vering suppl to expose n its.	56,965 demonsties to formanned p	trate a rer ward dep latforms t	56,965 notely-pil loyed unit o hostile (oted vertic	+55,0 eal tak	eoff ilot	ed aircrat	ing t will
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unbudget Activity 6: RD	e required to vering suppl to expose n its.	o demonsties to formanned p	trate a rer ward dep latforms t AC Deni	56,965 notely-pil loyed unit o hostile (oted vertic	+55,0 eal tak	eoff ilot	ed aircrat	ing t will
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unit	e required to vering suppl to expose n its.	o demonsties to fornanned p	trate a rer ward dep latforms t AC Deni	56,965 notely-pil loyed unit o hostile o	oted verticus. A reme	+55,0 eal tak etely pent who	eoff vilot en d	ed aircrat	ing t will supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unbudget Activity 6: RD	e required to vering suppl to expose n its.	o demonsties to formanned p	trate a rer ward dep latforms t AC Deni	56,965 notely-pil loyed unit o hostile (oted verticus. A reme	+55,0 eal tak	eoff vilot en d	ed aircrat	ing t will
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unable Budget Activity 6: RD PE 0606301D8Z Aviation	e required to vering suppl to expose m its. T&E Managion Safety T	demonsties to fornanned p	trate a reneward dep latforms t AC Denic Support gies	notely-pil loyed unit o hostile o ed 8,000	oted vertices. A remo	+55,0 cal tak	eoff vilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unable Budget Activity 6: RD PE 0606301D8Z Aviation: Funds are	e required to vering suppl to expose m its. T&E Managion Safety T	demonsties to fornanned p	trate a reneward dep latforms t AC Denic Support gies	notely-pil loyed unit o hostile o ed 8,000	oted vertices. A remo	+55,0 cal tak	eoff vilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unable Budget Activity 6: RD PE 0606301D8Z Aviation	e required to vering suppl to expose m its. T&E Managion Safety T	sement Sechnology Specific School Sechnology Specific Specific School Sechnology Specific Spe	trate a reneward deplatforms to the second s	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remo	+55,0 cal tak	eoff vilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unable Budget Activity 6: RD PE 0606301D8Z Aviation: Funds are	e required to vering suppl to expose m its. T&E Managion Safety T	sement Sechnology Specific School Sechnology Specific Specific School Sechnology Specific Spe	trate a reneward dep latforms t AC Denic Support gies	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remo	+55,0 cal tak	eoff vilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unsubstantial Budget Activity 6: RD PE 0606301D8Z Aviation Explanation: Funds are platforms.	required to vering suppl to expose m its. T&E Managion Safety T	56,965 demonstics to formanned progression section se	trate a rereward deplatforms to AC Denic Support gies	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remember of the control of the con	+55,0 eal tak etely pent who	eoff ilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unable Budget Activity 6: RD PE 0606301D8Z Aviation: Funds are	required to vering suppl to expose m its. T&E Managion Safety T	56,965 demonstics to formanned progression sector	trate a rereward deplatforms to AC Denic Support gies	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remember of the control of the con	+55,0 cal tak	eoff ilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unable Budget Activity 6: RD PE 0606301D8Z Aviation Explanation: Funds are platforms. FY 2010 REPROGRA	required to vering suppl to expose m its. T&E Managion Safety T	56,965 demonstics to formanned progression sector	trate a rereward deplatforms to AC Denic Support gies	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remember of the control of the con	+55,0 eal tak otely p ent who +3,0 for var	eoffi ilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed unsubstantial Budget Activity 6: RD PE 0606301D8Z Aviation Explanation: Funds are platforms.	required to vering suppl to expose m its. T&E Managion Safety T	56,965 demonstics to formanned progression sector	trate a rereward deplatforms to AC Denic Support gies	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remember of the control of the con	+55,0 eal tak etely pent who	eoffi ilot en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed units and Budget Activity 6: RD/PE 0606301D8Z Aviation: Funds are platforms. FY 2010 REPROGRA ARMY DECREASE:	required to required to expose mits. T&E Managion Safety To required for the required for	solution of the second of the	trate a rereward deplatforms to AC Denic Support gies	56,965 notely-pil loyed unit o hostile of	oted vertices. A remember of the control of the con	+55,0 eal tak etely pent who +3,0 for var -183,0 -25,8	eofficilet en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed units and the second s	required to required to expose mits. T&E Managion Safety To required for the required for	sement Sechnology Secretary Sechnology Secretary Sechnology Secretary Secret	trate a reneward deplatforms to AC Denicupport gies pment of USD(C) A	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remember of the control of the con	+55,0 eal tak otely p ent who +3,0 for var	eofficilet en d	ed aircraf elivering	ting twill supplies
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed united by the second s	required to required to expose mits. T&E Managion Safety To required for the required for	sement Sechnology Sech	trate a reneward deplatforms to AC Denicupport gies pment of USD(C) A	notely pilloyed unit o hostile o ed 8,000 flight data	oted vertices. A remover of the control of the cont	+55,0 eal tak otely p ent who +3,0 for var -183,0 -25,8	eofficilet en d	ed aircraf elivering	t will supplies 11,000 ter
Explanation: Funds are aircraft capable of delivereduce the requirement to forward deployed units and the second s	required to required to expose mits. T&E Managion Safety To required for the required for	sement Sechnology Secretary Sechnology Secretary Sechnology Secretary Secret	trate a reneward deplatforms to AC Denicupport gies pment of USD(C) A	56,965 notely-pil loyed unit o hostile o ed 8,000 flight data	oted vertices. A remover of the control of the cont	+55,0 eal tak etely pent who +3,0 for var -183,0 -25,8	eofficilet en d	ed aircraf elivering	ting twill supplies

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REPROCE AMMING ACTION DRIOD ADDROVAL

Unclassified	REPROG	RAMMIN	G ACTIO	<u>ON – PRIC</u>	OR APPR	OVAL			Page 5 of 5	
Subject: Helicopter Surv	ivability						DoD	Serial Nu	ımber:	
Appropriation Title: Various Appropriations						7	FY 10-02-R2 PA			
34,200 196							Ir	icludes T		
								Yes	S	
Component Serial Number:		(Amounts in Thousands of Dollars)								
		Program Base Reflecting Program Previously Reprogramming A Congressional Action Approved by Sec Def					ion Revised Program			
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amoun	nt (Quantity	Amount	
a	b	c	d	e	f	g		h	i	
NAVY DECREASES:						-107,29	93		<u>-40,000</u>	
						-67,29	93			
Budget Activity 5: Mod	lifications	of Aircra	<u>ft</u>							
F/A-18 Modifications		96,000		96,000		-67,29	93		28,707	
			HAC De	nied						
Procurement, Marine	Corps, 10	0/12				-40,00	00			
Budget Activity 4: Con	nmunicati	ons and E	lectronics	Equipme	<u>nt</u>					
Command Post Systems	•	23,041		23,041		-18,00	00		5,041	
Budget Activity 6: Eng	ineer and	Other Equ	ipment							
Training Devices		122,304		122,304		-22,00	00		100,304	
AIR FORCE DECRE	ASE:					-50,00	οο			
						20,00	<u> </u>			
Aircraft Procurement, Air Force, 10/12 -50,0						90				
Budget Activity 7: Airc	raft Supp	ort Equipa	nent & Fa	acilities						
Other Production Charges 114,000 114,000 -50,					-50,00	90-		-64,000		
		HASC	and SAS	SC Denie	<u>d</u>				1985	
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Explanation: 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.