

Subject: October 2024		DoD Serial Number: FY 25-10 IR
Appropriation Title: Various Appropriations		
		Includes Transfer? Yes

Component Serial Number:	<i>(Amounts in Thousands of Dollars)</i>							
	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 reprogramming action transfers funds between appropriations for proper execution. The reclassification is required to execute funds properly in accordance with congressional intent. These actions are determined to be necessary in the national interest. These actions do not change the purpose for which the funds were originally appropriated. This reprogramming action meets all administrative and legal requirements, and none of the items has been previously denied by the Congress.

This reprogramming action transfers \$116.595 million between Defense appropriations for the proper execution of Fiscal Year (FY) 2024 congressional increases.

<u>FY 2024 REPROGRAMMING INCREASES:</u>	<u>+116,595</u>
<u>ARMY INCREASE</u>	<u>+6,000</u>
<u>Research, Development, Test, and Evaluation, Army, 24/25</u>	<u>+6,000</u>
<u>Budget Activity 03: Advanced technology development</u>	
0603119A Ground Advanced Technology	
277,276	277,276
	+6,000
	283,276

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Army, 24/25, appropriation to Program Element (PE) 0603119A (Ground Advanced Technology) from PE 0602150A (Air and Missile Defense Technology) for the proper execution of a FY 2024 congressional increase for Detection of Unexploded Ordnance Technology. This does not change the purpose for which funds were appropriated. This is a congressional special interest item.

<u>AIR FORCE INCREASES</u>	<u>+76,127</u>
<u>Research, Development, Test, and Evaluation, Air Force, 24/25</u>	<u>+76,127</u>
<u>Budget Activity 02: Applied Research</u>	
0602202F Human Effectiveness Applied Research	
146,521	146,521
	+5,000
	151,521

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0602202F (Human Effectiveness Applied Research) from PE 0602102F (Materials) for proper execution of a FY 2024 congressional increase for brain health biomarker and sensor technology. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Approved (Signature and Date)

 11/19/24

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0602605F Directed Energy Technology
 118,452 118,452 +5,000 123,452

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0602605F (Directed Energy Technology) from PE 0602203F (Aerospace Propulsion) for proper execution of a FY 2024 congressional increase for battery additives. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Budget Activity 03: Advanced technology development

0603203F Advanced Aerospace Sensors
 45,846 45,846 +28,127 73,973

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0603203F (Advanced Aerospace Sensors) from PE 0603211F (Aerospace Technology Development/Demonstration) for proper execution of a FY 2024 congressional increase for Long Duration, Broad Area, Multi-Sensor Array capability. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

0603605F Advanced Weapons Technology
 103,993 103,993 +2,000 105,993

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0603605F (Advanced Weapons Technology) from PE 0603211F (Aerospace Technology Development/Demonstration) for proper execution of a FY 2024 congressional increase for low-profile laser beam director for high speed aircraft self-defense. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

0603680F Manufacturing Technology Program
 171,967 171,967 +10,000 181,967

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0603680F (Manufacturing Technology Program) from PE 0602201F (Aerospace Vehicle Technologies) for proper execution of a FY 2024 congressional increase for Hypersonic Air Breathing Manufacturing Industrial Base Expansion. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

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Budget Activity 04: Advanced component development and prototypes

0604009F AFWERX Prime		100,336		100,336		+12,000		112,336
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Explanation: Funds are required to be realigned for the following:

- \$+10.000 million within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0604009F (AFWERX Prime) from PE 0604858F (Technology Transition Program) for proper execution of a FY 2024 congressional increase for reconfigurable hybrid electric rotorcraft. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.
- \$+2.000 million within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0604009F (AFWERX Prime) from PE 0604317F (Technology Transfer) for proper execution of a FY 2024 congressional increase for autonomous reduced-emissions supply delivery UAS. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

0606005F Digital Transformation Office		59,700		59,700		+14,000		73,700
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Explanation: Funds are required to be realigned for the following:

- \$+5.000 million within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0606005F (Digital Transformation Office) from PE 0702806F (Acquisition and Management Support) for proper execution of a FY 2024 congressional increase for airworthiness of safety-critical embedded software. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.
- \$+9.000 million within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation to PE 0606005F (Digital Transformation Office) from PE 0606017F (Requirements Analysis and Maturation) for proper execution of a FY 2024 congressional increase for enterprise digital transformation with commercial physics simulation. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

DEFENSE-WIDE INCREASES **+34,468**

Defense Health Program, 24/25 **+29,468**

<u>Budget Activity 02: RDT&E</u>		2,902,871		2,902,871		+29,468		2,932,339
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Explanation: Funds are required to be transferred to the Defense Health Program, 24/25, appropriation from the Research, Development, Test, and Evaluation, Army, 24/25, appropriation for the proper execution of

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FY 2024 congressional increases for: (1) biomedical research for improvement of cartilage healing, (2) multiplexed assay for immune responses to infectious diseases, (3) treatment research for osseointegrated implants, (4) biomaterials for combat wound care, (5) RNA therapeutics for infectious disease threats, (6) bioelectronic device program, (7) nanomaterials for bone regeneration, (8) suicide prevention with a focus on rural, remote, isolated, and OCONUS installations, and (9) novel strategies to prevent infection in severe fractures. These program increases align to the Medical Research and Development Command (MRDC) portfolios that were permanently transferred from the Army to the Defense Health Agency (DHA). This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

<u>Research, Development, Test, and Evaluation, Defense-Wide, 24/25</u>	<u>+5,000</u>
<u>Budget Activity 07: Operational Systems Development</u>	
0607210D8Z Industrial Base Analysis and Sustainment Support	
928,325	928,325
	+5,000
	933,325

Explanation: Funds are required to be transferred to the Research, Development, Test, & Evaluation, Defense-Wide from the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation for proper execution of a FY 2024 congressional increase for rare gas cryogenic distillation and purification. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

FY 2024 REPROGRAMMING DECREASES: **-116,595**

ARMY DECREASES **-35,468**

Research, Development, Test, and Evaluation, Army, 24/25 **-35,468**

<u>Budget Activity 02: Applied Research</u>	
0602150A Air and Missile Defense Technology	
103,801	103,801
	-6,000
	97,801

Explanation: Funds are required to be realigned within the Research, Development, Test, and Evaluation, Army, 24/25, appropriation from PE 0602150A (Air and Missile Defense Technology) to PE 0603119A (Ground Advanced Technology) for the proper execution of an FY2024 congressional increase for Detection of Unexploded Ordnance Technology. This does not change the purpose for which funds were appropriated. This is a congressional special interest item.

0602787A Medical Technology	
141,500	141,500
	-22,734
	118,766

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a	b	c	d	e	f	g	h	i

Explanation: Funds are required to be transferred from the Research, Development, Test, and Evaluation, Army, 24/25, appropriation to the Defense Health Agency for the proper execution of FY 2024 congressional increases for: (1) biomedical research for improvement of cartilage healing, (2) multiplexed assay for immune responses to infectious diseases, (3) treatment research for osseointegrated implants, (4) biomaterials for combat wound care, (5) RNA therapeutics for infectious disease threats, (6) bioelectronic device program, and (7) nanomaterials for bone regeneration. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Budget Activity 03: Advanced technology development

0603002A Medical Advanced Technology	18,881	18,881	-6,734	12,147
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Explanation: Funds are required to be realigned from the Research, Development, Test, and Evaluation, Army, 24/25, appropriation to the Defense Health Agency for the proper execution of FY 2024 congressional increases for: (1) suicide prevention with a focus on rural, remote, isolated, and OCONUS installations, and (2) novel strategies to prevent infection in severe fractures. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

AIR FORCE DECREASES **-81,127**

Research, Development, Test, and Evaluation, Air Force, 24/25 **-81,127**

Budget Activity 02: Applied Research

0602102F Materials	284,625	284,625	-5,000	279,625
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Explanation: Funds are available to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0602102F (Materials) to PE 0602202F (Human Effectiveness Applied Research) for proper execution of a FY 2024 congressional increase for brain health biomarker and sensor technology. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

0602201F Aerospace Vehicle Technologies	198,768	198,768	-10,000	188,768
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Explanation: Funds are available to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0602201F (Aerospace Vehicle Technologies) to PE 0603680F (Manufacturing Technology Program) for proper execution of a FY 2024 congressional increase for Hypersonic Air Breathing Manufacturing Industrial Base Expansion. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

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a		b	c	d	e	f	g	h	i
0602203F Aerospace Propulsion			246,867		246,867		-5,000		241,867
<p><u>Explanation:</u> Funds are available to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0602203F (Aerospace Propulsion) to PE 0602605F (Directed Energy Technology) for proper execution of a FY 2024 congressional increase for battery additives. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.</p>									
<u>Budget Activity 03: Advanced technology development</u>									
0603211F Aerospace Technology Dev/Demo			138,753		138,753		-30,127		108,626
<p><u>Explanation:</u> Funds are available to be realigned from the following:</p> <ul style="list-style-type: none"> • \$-28.127 million within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0603211F (Aerospace Technology Development/Demonstration) to PE 0603203F (Advanced Aerospace Sensors) for proper execution of a FY 2024 congressional increase for Long Duration, Broad Area, Multi-Sensor Array capability. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item. • \$-2.000 million within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0603211F (Aerospace Technology Development/Demonstration) to PE 0603605F (Advanced Weapons Technology) for proper execution of a FY 2024 congressional increase for low-profile laser beam director for high speed aircraft self-defense. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item. 									
0603680F Manufacturing Technology Program			171,967		171,967		-5,000		166,967
<p><u>Explanation:</u> Funds are available to be realigned from the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from to the Research, Development, Test, & Evaluation, Defense-Wide for proper execution of a FY 2024 congressional increase for rare gas cryogenic distillation and purification. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.</p>									
<u>Budget Activity 04: Advanced component development and prototypes</u>									
0604317F Technology Transfer			37,138		37,138		-2,000		35,138

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Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i

Explanation: Funds are available to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0604317F (Technology Transfer) to PE 0604009F (AFWERX Prime) for proper execution of a FY 2024 congressional increase for autonomous reduced-emissions supply delivery UAS. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

0604858F Tech Transition Program	239,026	239,026	-10,000	229,036
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Explanation: Funds are available to realigned within the Research, Development, Test, and Evaluation, Air Force 24/25, appropriation from PE 0604858F (Technology Transition Program) to PE 0604009F (AFWERX Prime) for proper execution of a FY 2024 congressional increase for reconfigurable hybrid electric rotorcraft. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Budget Activity 06: Management support

0606017F Requirements Analysis and Maturation	111,456	111,456	-9,000	102,456
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Explanation: Funds are available to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0606017F (Requirements Analysis and Maturation) to PE 0606005F (Digital Transformation Office) for proper execution of a FY 2024 congressional increase for enterprise digital transformation with commercial physics simulation. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

0702806F Acquisition and Management Support	25,369	25,369	-5,000	20,369
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Explanation: Funds are available to be realigned within the Research, Development, Test, and Evaluation, Air Force, 24/25, appropriation from PE 0702806F (Acquisition and Management Support) to PE 0606005F (Digital Transformation Office) for proper execution of a FY 2024 congressional increase for airworthiness of safety-critical embedded software. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.