

Subject: July 2021 Internal Reprogramming Request		DoD Serial Number: FY 21-32 IR
Appropriation Title: Various Appropriations		Includes Transfer? No

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 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 realigns \$5.494 million within the Other Procurement, Air Force, 21/23, appropriation and \$80.669 million within the Research, Development, Test, and Evaluation, Air Force, 21/22, appropriation.

FY 2021 REPROGRAMMING INCREASES: **+86,163**

AIR FORCE INCREASES **+86,163**

Other Procurement, Air Force, 21/23 **+5,494**

Budget Activity 03: Electronics and Telecommunications Equipment

Base Comm Infrastructure	199,925	199,925	+5,494	205,419
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Explanation: Funds are required for the Theater Nuclear Weapons Storage and Security System Alarm Control and Display installation. The reprogramming action realigns funds to the correct weapons system code within the appropriation for proper execution and does not change the purpose or intent of the funds. This is a base budget requirement.

Research, Development, Test, and Evaluation, Air Force, 21/22 **+80,669**

Budget Activity 02: Applied Research

0602203F Aerospace Propulsion	201,048	201,048	+2,415	203,463
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Explanation: Funds are required to execute Small Business Research for Rocket Technology effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval by the respective Committee. This is a base budget requirement.

Approved (Signature and Date)

 8/30/21

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Budget Activity 03: Advanced Technology Development

0603216F Aerospace Propulsion and Power Technology
144,229 144,229 +24,192 168,421

Explanation: Funds are required to execute Advanced Battery Technology for Directed Energy (\$4.851 million) and Upper Stage Engine Technology (\$19.341 million) efforts. Based on further discussion with the principal committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval by the respective Committee. This is a base budget requirement.

0603680F Manufacturing Technology Program
138,748 138,748 +9,663 148,411

Explanation: Funds are required to execute Massive Area Additive Manufacturing effort. Based on further discussion with the principal committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval by the respective Committee. This is a base budget requirement.

Budget Activity 04: Advanced Component Development & Prototypes

0604858F Tech Transition Program
305,943 305,943 +28,939 334,882

Explanation: Funds are required for the following:

- \$+4.818 million to execute Solar Block Research effort. Based on further discussion with the principal committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval by the respective Committee. Additional supplemental information is attached for further explanation. This is a base budget requirement.
- \$+24.121 million to execute Agility Prime effort. Based on further discussion with the principal committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval by the respective Committee. This is a base budget requirement.

0708051F Rapid Sustainment Modernization
19,964 19,964 +15,460 35,424

Explanation: Funds are required to execute Additive Manufacturing for Metals (\$9.663 million) and Cold Spray and Directed Energy Deposition (\$5.797 million) efforts. Based on further discussion with the principal committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval by the respective Committee. This is a base budget requirement.

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a	b	c	d	e	f	g	h	i
<u>FY 2021 REPROGRAMMING DECREASES:</u>						<u>-86,163</u>		
<u>AIR FORCE DECREASES</u>						<u>-86,163</u>		
<u>Other Procurement, Air Force, 21/23</u>						<u>-5,494</u>		
<u>Budget Activity 02: Vehicular Equipment</u>								
Passenger Carrying Vehicles 10,318 10,318 -5,494 4,824								
<u>Explanation:</u> Funds are available because funding was appropriated as part of the Fiscal Year 2021 Vehicular Equipment in Other Procurement, Air Force. The reprogramming action realigns funds to the correct weapon system code within the appropriation and does not change the purpose or intent of the funds. This is base budget funding.								
<u>Research, Development, Test, and Evaluation, Air Force, 21/22</u>						<u>-80,669</u>		
<u>Budget Activity 01: Basic Research</u>								
0601103F University Research Initiatives 196,502 196,502 -4,818 191,684								
<u>Explanation:</u> Funds are available to execute Solar Block Research effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.								
<u>Budget Activity 02: Applied Research</u>								
0602201F Aerospace Vehicle Technologies 164,426 164,426 -4,851 159,575								
<u>Explanation:</u> Funds are available to execute Advanced Battery Technology for Directed Energy effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.								
<u>Budget Activity 03: Advanced Technology Development</u>								
0603211F Aerospace Technology DEV/DEMO 62,117 62,117 -24,121 37,996								
<u>Explanation:</u> Funds are available to execute Agility Prime effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is a base budget requirement.								

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0603401F Advanced Spacecraft Technology	87,608	87,608	-19,341	68,267
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Explanation: Funds are available to execute Upper Stage Engine Technology effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.

Budget Activity 04: Advanced Component Development & Prototypes

0604858F Tech Transition Program	305,943	305,943	-27,538	278,405
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Explanation: Funds are available due to the following:

- \$-2.415 million to execute Small Business Research for Rocket Technology effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.
- \$-9.663 million to execute Massive Area Additive Manufacturing effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.
- \$-9.663 million to execute Additive Manufacturing for Metals effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.
- \$-5.797 million to execute Cold Spray and Directed Energy Deposition effort. Based on further discussion with the principal Committee, this Congressional Special Interest Item is being realigned for proper execution to meet intent and approval of the respective Committee. This is base budget funding.