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|---|--|-----------------------------------|
| Subject: July 2022 Internal Reprogramming Request | | DoD Serial Number: FY 22-37 IR |
| Appropriation Title: Various Appropriations | | 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 |
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This reprogramming action transfers funds among and within 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.

PART I of this reprogramming action transfers or realigns \$50.424 million among Fiscal Year (FY) 2022 Defense appropriations. This reprogramming action uses \$6.390 million of general transfer authority pursuant to section 8005 of division C of Public Law 117-103, the Department of Defense Appropriations Act, 2022.

PART II of this reprogramming action realigns \$15.500 million within the Research, Development, Test and Evaluation, Army, 21/22, appropriation.

PART I

FY 2022 REPROGRAMMING INCREASES: **+50,424**

ARMY INCREASE **+5,000**

Research, Development, Test, and Evaluation, Army, 22/23 **+5,000**

Budget Activity 02: Applied Research

0602787A Medical Technology

120,747

120,747

+5,000

125,747

Explanation: Funds are required for the proper execution of a congressional program increase for the Community Project funding for human optimization that was appropriated in Operation and Maintenance (O&M), Army but is more appropriate in Research, Development, Test and Evaluation (RDT&E), Army. Funding supports and development activities, including lease of facilities, necessary remodeling of facilities, the purchase of support and research equipment, and pay for research personnel at the Human Performance Optimization Center, where studies are conducted in areas such as motor performance and cognitive skills. This is a congressional special interest item.

Approved (Signature and Date)

 8/12/22

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AIR FORCE INCREASES **+45,424**

Operation and Maintenance, Air Force Reserve, 22/22 **+1,390**

Budget Activity 01: Operating Forces

| | | | |
|-----------|-----------|--------|-----------|
| 3,284,135 | 3,284,135 | +1,390 | 3,285,525 |
|-----------|-----------|--------|-----------|

Explanation: Funds are required for the proper execution of a congressional program increase for atmospheric rivers research. Funding supports the 53rd Weather Reconnaissance Squadron (C-130 hurricane hunters) operations to purchase and release dropsondes, which are parachute-borne sensors that collect meteorological data. Air Force Reserve Command includes flying hours and squadron operations in this budget line. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Other Procurement, Air Force, 22/24 **+30,530**

Budget Activity 03: Electronics and Telecommunications Equip

Base Comm Infrastructure

| | | | |
|---------|---------|---------|---------|
| 202,022 | 202,022 | +30,530 | 232,552 |
|---------|---------|---------|---------|

Explanation: Funds are required for Base Communications Infrastructure for the proper execution of a congressional program increase for the United States Indo-Pacific Command mission partner environment. The funding supports multi-national sharing of select mission data, expansion of foundational coalition network infrastructure west of the international dateline, strengthening the cyber security posture, and modernizing legacy headquarters infrastructure and services to enable a more resilient single pane of glass computing environment. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Research, Development, Test, and Evaluation, Air Force, 22/23 **+13,504**

Budget Activity 03: Advanced Technology Development

0603456F Human Effectiveness Advanced Technology Development

| | | | |
|--------|--------|--------|--------|
| 23,459 | 23,459 | +9,425 | 32,884 |
|--------|--------|--------|--------|

Explanation: Funds are required for proper execution of a congressional program increase for a tech refresh and weight reduction of the F-35 helmet mounted display system. The source of funding is budget line 7, PE 0602202F, Human Effectiveness Applied Research. 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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| Line Item | | | | | | | | |
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Budget Activity 06: Management Support

0702806F Acquisition and Management Support

37,211 37,211 +3,886 41,097

Explanation: Funds are required for proper execution of a congressional program increase for automated inventory management demonstration. This action does not change the purpose for which the funds were originally appropriated. This is a congressional special interest item.

Budget Activity 07: Operational Systems Development

0604776F Deployment and Distribution Enterprise R&D

+193 193

Explanation: Funds are required for realignment to Deployment and Distribution Enterprise Research and Development to support the transition of End-to-End Distribution Model initiatives erroneously budgeted for FY 2022 within the BA 04 program element of the same name. Funding for this effort in FY 2021 was \$.429 million. This action does not change the purpose for which the funds were originally appropriated.

FY 2022 REPROGRAMMING DECREASES:

-50,424

ARMY DECREASE

-5,000

Operation and Maintenance, Army, 22/22

-5,000

Budget Activity 01: Operating Forces

39,829,114 39,831,238 -5,000 39,826,238

Explanation: Funds are available within the OMA appropriation from a congressional increase for human optimization for realignment to RDT&E, PE 0602787A, Medical Technology, for proper execution to meet congressional intent. This is a congressional special interest item.

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AIR FORCE DECREASES **-45,424**

Other Procurement, Air Force, 22/24 **-30,530**

Budget Activity 03: Electronics and Telecommunications Equip

General Information Technology

| | | | |
|--------|--------|---------|--------|
| 74,447 | 74,447 | -30,530 | 43,917 |
|--------|--------|---------|--------|

Explanation: Funds are available within the Other Procurement, Air Force appropriation from a congressional program increase to General Information Technology for United States Indo-Pacific Command mission partner environment. This realignment to Base Communications Infrastructure is required for the proper execution to meet congressional intent and supports multi-national sharing of select mission data, expansion of foundational coalition network infrastructure west of the international dateline, strengthening the cyber security posture, and modernizing legacy headquarters infrastructure and services to enable a more resilient single pane of glass computing environment. This is a congressional special interest item.

Research, Development, Test, and Evaluation, Air Force, 22/23 **-14,894**

Budget Activity 02: Applied Research

0602202F Human Effectiveness Applied Research

| | | | |
|---------|---------|--------|---------|
| 156,863 | 156,863 | -9,425 | 147,438 |
|---------|---------|--------|---------|

Explanation: Funds are available within the RDT&E appropriation from a congressional program increase for a tech refresh and weight reduction for the F-35 helmet mounted display system. Funds are realigned for proper execution in budget line 26, PE 0603456F, Human Effectiveness Advanced Technology Development. This is a congressional special interest item.

Budget Activity 04: Advanced Component Development & Prototypes

0604776F Deployment and Distribution Enterprise R&D

| | | | |
|--------|--------|------|--------|
| 40,103 | 40,103 | -193 | 39,910 |
|--------|--------|------|--------|

Explanation: Funds are available due to erroneous budgeting in FY 2022 of End-to-End Distribution Model initiatives within Deployment and Distribution Enterprise R&D, BA 04. This reprogramming realigns funds to Deployment and Distribution Enterprise R&D, BA 07 for proper execution.

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Budget Activity 07: Operational Systems Development

0305111F Weather Service

| | | | |
|--------|--------|--------|--------|
| 39,228 | 39,228 | -1,390 | 37,838 |
|--------|--------|--------|--------|

Explanation: Funds are available within the RDT&E appropriation as part of a \$3.000 million congressional program increase for research on atmospheric rivers in budget line 255, Weather Service. The \$1.390 million portion of this congressional add is realigned for proper execution in the Air Force Reserve Operation and Maintenance appropriation. This is a congressional special interest item.

0708610F Logistics Information Technology (LOGIT)

| | | | |
|--------|--------|--------|-------|
| 11,071 | 11,071 | -3,886 | 7,185 |
|--------|--------|--------|-------|

Explanation: Funds are available within the RDT&E appropriation from a congressional program increase for automated inventory management demonstration in budget line 289 Logistics Information Technology (LOGIT). Funds are realigned to budget line 146, Acquisition and Management Support, PE 0702806F, to meet congressional intent and for proper execution. This is a congressional special interest item.

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PART II

FY 2021 REPROGRAMMING INCREASE: **+15,500**

ARMY INCREASE **+15,500**

Research, Development, Test, and Evaluation, Army, 21/22 **+15,500**

Budget Activity 07: Operational Systems Development

0708045A End Item Industrial Preparedness Activities

| | | | |
|---------|---------|---------|---------|
| 390,366 | 390,366 | +15,500 | 405,866 |
|---------|---------|---------|---------|

Explanation: Funds are required for PE 0708045A, End Item Industrial Preparedness Activities, for the proper execution of integrated directed energy testing undertaken to assess and strengthen Directed Energy Industrial Capacity in high energy laser manufacturing in the domestic supply base. The primary objective of these strategic equipment purchases is to increase the capacity at which the critical components for a Directed-Energy Weapon (DEW) of a high-energy laser system are produced. A DEW is a ranged weapon that damages its target with highly focused energy, including High Energy Laser and High Power Microwaves. Specific purchases of manufacturing equipment and materials include but are not limited to: optical fine figuring equipment, large-format interferometer, large Off Axis Parabolas optical coating chambers, high power laser testing stations, alignment verification equipment, laser diode submount production equipment, fiber manufacturing equipment, preform production equipment, high power optical substrate and imaging metrology verification equipment. This action does not change the purpose for which the funds were appropriated. This is a base budget requirement.

FY 2021 REPROGRAMMING DECREASE: **-15,500**

ARMY DECREASE **-15,500**

Research, Development, Test, and Evaluation, Army, 21/22 **-15,500**

Budget Activity 06: Management Support

0605601A Army Test Ranges and Facilities

| | | | |
|---------|---------|---------|---------|
| 405,859 | 405,859 | -15,500 | 390,359 |
|---------|---------|---------|---------|

Explanation: Funds are available within the RDT&E, Army, 21/22, appropriation from PE 0605601A, Army Test Ranges and Facilities, because funds to assess and strengthen industrial base and supply chain resiliency appropriated by section 8132 division A of Public Law 116-260, the Department of Defense Appropriations Act, 2021, previously were transferred for the requirement described above into this program element by 22-10-IR, Part I.