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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army **Date:** March 2023

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	80.386	86.824	95.551	-	95.551	86.470	85.897	86.975	93.919	0.000	616.022
312: <i>Army/Joint Experimentation</i>	-	45.122	34.940	35.982	-	35.982	36.531	37.033	37.651	38.062	0.000	265.321
317: <i>Current Force Capability Gaps</i>	-	35.264	51.863	59.555	-	59.555	49.939	48.864	49.324	55.857	0.000	350.666
33B: <i>Soldier-Centered Analyses For Future Force</i>	-	-	0.021	0.014	-	0.014	-	-	-	-	0.000	0.035

A. Mission Description and Budget Item Justification

The Army Concepts Experimentation Program supports current and future concepts and capabilities involving Soldiers and Leaders within live, virtual, and constructive environments by exploring concepts, capability requirements and solutions across Doctrine, Organization, Training, Materiel, Leadership and Education, personnel, and Facilities (DOTMLPF) domains. The purpose of Concepts Experimentation is to clarify and mitigate risk for current and future forces. Experiments and projects inform Army futures concepts and assess high-risk conceptual assumptions in order to focus required capabilities and represent user requirements in the future Army to deliver an MDO ready force by 2030. Army experiments use the combined resources of Army Battle Laboratories, operational units, research labs, materiel developers, industry and academia to collaborate in the development, refinement, and assessment of future force concepts. Simulated Experiments (SIMEX) will integrate and assess Army Concepts and Force Design phases with Army-level issues across the breadth of a campaign that highlights validation and integration of MDO capabilities.

This Program Element (PE) enhances Joint Capabilities Integration and Development System (JCIDS) development in support of Program Executive Offices (PEOs) and Program Managers (PMs) for acquisition milestone decisions. Funding ensures AFC/FCC serves as the voice of the warfighter and compliments the materiel developer in providing total capability management ensuring the integration of DOTMLPF solutions. This PE provides funding for Joint Warfighter Assessments (JWA) that physically integrate, assess and evaluate networked capability sets and other adaptive capabilities to accelerate the systems acquisition process of providing DOTMLPF recommendations to the Army. JWA is an integrated part of a series of linked Persistent Experiments (Defender, Forager, MDO Live, and Project Convergence) that help the Army evaluate emerging concepts, integrate new technologies, and promote interoperability between the Army, other services and multinational partners. This PE also provides funding for Project Convergence which is the Army's new campaign of learning, designed to aggressively advance and integrate our Army's contributions to Joint Force overmatch. It ensures the Army, as part of the Joint fight, can rapidly and continuously integrate or "converge" effects across all domains to overmatch our adversaries in competition and conflict.

The Soldier-Centered Analysis Future Force Project (33B) will provide early application of human performance and human figure modeling tools in the development of Soldier-focused requirements to shape technology for Future Force development. These efforts include design analyses, constructive simulations, and Soldier-in-the loop assessments to ensure that manpower requirements and workload and skill demands are considered, avoiding information and physical task overloads and taking optimum advantage of aptitudes, individual and collective training, and numbers of Soldiers for an affordable Future Force.

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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>
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B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	79.585	87.122	87.326	-	87.326
Current President's Budget	80.386	86.824	95.551	-	95.551
Total Adjustments	0.801	-0.298	8.225	-	8.225
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.801	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	8.225	-	8.225
• FFRDC Transfer	-	-0.298	-	-	-

Change Summary Explanation

FY 24 increase in funding is in support of requirement determination, documentation and integration activities for areas such as Soldier and Robotic development, Air Defense and Artillery formations, Sustainment watercraft and maneuver support vehicles, and Cyber, Networks and Services, Electromagnetic Spectrum Operations and Tactical Radios.

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>	Project (Number/Name) 312 / <i>Army/Joint Experimentation</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
<i>312: Army/Joint Experimentation</i>	-	45.122	34.940	35.982	-	35.982	36.531	37.033	37.651	38.062	0.000	265.321
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The United States Army Joint Modernization Command (USAJMC) is the Army and Army Futures Command lead for live field experimentation. Army and Joint Experimentation supports current and future concepts and capabilities involving Soldiers and Leaders within live, virtual, and constructive environments by exploring concepts, capability, and formation requirements, and solutions across Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, and Facilities (DOTMLPF) domains. The purpose of these efforts is to learn and mitigate risk for current and future forces. Deliver Army 2030 experiments and multi-scale assessments inform Army future concepts and assess high-risk conceptual assumptions in order to focus required capabilities, formations and represent user requirements in the future Army. Army experiments use the combined resources of Army Battle Laboratories, operating force units, research laboratories, materiel developers, industry, and academia to collaborate in the development, refinement, and assessment of future force concepts, capabilities and formations at echelon. These experiments are typical in the Joint Warfighting Assessment (JWA), Army Live Prototype Assessments (ALPA), and in Army's new campaign of learning based on a continuous, structured series of demonstrations and experiments called "Project Convergence" (PC) series of events. This project also supports the Army's Simulation-Based Experiments (SIMEX) to integrate and assess near, mid, and far-term future force concepts, force designs, and capabilities. In support of the Army Vision and Army Modernization Strategy, experimentation focuses on the latest Multi-Domain Operations (MDO) Concept, operational and organizational concepts for the Army to validate Army 2030 and provide insights into how the Army will design the Army of 2040 and beyond. The United States Army Joint Modernization Command (USAJMC) is the Army and Army Futures Command lead for live field experimentation. Army and Joint Experimentation supports current and future concepts and capabilities involving Soldiers and Leaders within live, virtual, and constructive environments by exploring concepts, capability, and formation requirements, and solutions across Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, and Facilities (DOTMLPF) domains. The purpose of these efforts is to learn and mitigate risk for current and future forces. Experiments and multi-scale assessments inform Army future concepts and assess high-risk conceptual assumptions in order to focus required capabilities, formations and represent user requirements in the future Army. Army experiments use the combined resources of Army Battle Laboratories, operating force units, research laboratories, materiel developers, industry, and academia to collaborate in the development, refinement, and assessment of future force concepts, capabilities and formations at echelon. These experiments are typical in the Joint Warfighting Assessment (JWA), Army Live Prototype Assessments (ALPA), and in Army's new campaign of learning based on a continuous, structured series of demonstrations and experiments called "Project Convergence" (PC) series of events. This project also supports the Army's Simulation-Based Experiments (SIMEX) to integrate and assess near, mid, and far-term future force concepts, force designs, and capabilities. In support of the Army Vision and Army Modernization Strategy, experimentation focuses on the latest Multi-Domain Operations (MDO) Concept, operational and organizational concepts for the Army to validate Army 2030 and provide insights into how the Army will design the Army of 2040 and beyond.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
Title: Experimentation - Project Convergence - High-Fidelity Live-Virtual-Constructive Experiments	45.122	33.678	35.982

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
<p>Description: Experiments address concept and capability developments including integration of capabilities for all Brigade Combat Team (BCT) types; development of future DOTMLPF requirements and solutions; and acceleration and integration of capabilities for current force BCTs and above brigade.</p> <p>Project Convergence (PC) is the Army's campaign of learning designed to aggressively advance solutions in the areas of people, weapons systems, command and control, information, and terrain, and integrates the Army's contribution to Joint All Domain Operations. PC is a Secretary of the Army priority for Live Prototyping Experimentation in support of the AimPoint Force. Through experimentation and learning, PC helps ensure that the Army has the right people, with the right systems, appropriately enabled, in the right places to support the Joint fight.</p> <p>The Joint Warfighting Assessment (JWA) is the annual capstone force modernization exercise for the U.S. Army. JWA is designed to achieve an enduring three-fold purpose: (1) accelerate force modernization by integrating and assessing Multi Domain Operations (MDO) concepts, capabilities, and formations at echelon (BCT to Theater Army/CJTF); (2) train a Joint, Interagency, and Multinational (JIM) force in a challenging and realistic operational environment of 2028; and (3) develop future strategic readiness and interoperability in the JIM warfighting team.</p> <p>Prototyping events are coordinated with CFTs and other Industry and Academic partners and utilizes live, force on force prototype-based experiments to assess the operational relevance of developing technologies, refine initial Operational and Organizational concepts, and conduct early prototyping to retain current advantages over adversaries, accelerate investments on contested future capabilities, and mitigate risk to the force.</p> <p>FY 2023 Plans: FY23 experiments will address concept and capability developments including integration of capabilities for all BCT types; development of future DOTMLPF requirements and solutions; and acceleration and integration of capabilities for current force BCT's and above brigade.</p> <p>Project Convergence (PC) is the Army's campaign of learning, designed to aggressively advance solutions in the areas of people, weapons systems, command and control, information, and terrain: and integrate the Army's contribution to Joint All Domain Operations. CSA and SECARMY recently signed a PC Narrative in which they stated "Through experimentation and learning, Project Convergence helps ensure that the Army has the right people, with the right systems, appropriately enabled, in the right places, to support the Joint fight". PC is a Secretary of the Army priority for Live Prototyping Experimentation in support of Aimpoint Force, through experimentation and learning, PC helps ensure that the Army has the right people, with the right systems, appropriately enabled, in the right places, to support the Joint fight.</p>			

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
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The Joint Warfighting Assessment (JWA) is the annual capstone force modernization exercise for the U.S. Army. JWA is designed to achieve an enduring three-fold purpose: (1) accelerate force modernization by integrating and assessing Multi Domain Operations (MDO) concepts, capabilities, and formations at echelon (BCT to Theater Army/CJTF); (2) train a Joint, Interagency, and Multinational (JIM) force in a challenging and realistic operational environment of 2028; and (3) develop future strategic readiness and interoperability in the JIM warfighting team.

Funds include the transfer of 2 FTEs for the Joint Test Element (JTE) to JMC from ATEC. JTE generates operational solutions to urgent, specific Joint Warfighter problems through a short-term rigorous test program process.

FY 2024 Plans:

FY24 funding enables FCC/USAJMC to lead the Joint Warfighting Assessment (JWA), Project Convergence, 4 x Army Focused Warfighting Experiment (AFWE) assessments (AEWE, Cyber Quest, MSSPIX, MFIX), and other Live Field Experimentation activities.

Resources 2 x FTEs in support of the Joint Test Element, 27 CMEs, and travel associated with assigned experimentation event travel. FY24 experiments will continue to address concept and capability developments including integration of capabilities for all BCT types; development of future DOTMLPF requirements and solutions; and acceleration and integration of capabilities for current force BCT's and above brigade.

JMC executes PC24 IAW Army priorities to aggressively advance solutions in the areas of people, weapons systems, command and control, information, and terrain, and integrates the Army's contribution to Joint All Domain Operations. Through experimentation and learning, PC24 helps ensure that the Army has the right people, with the right systems, appropriately enabled, in the right places to support the Joint fight.

JMC executes JWA 24 as the annual capstone force modernization exercise for the U.S. Army. JWA 24 will integrate and assess Multi Domain Operations (MDO) concepts, capabilities, and formations at echelon (BCT to Theater Army/CJTF); (2) train a Joint, Interagency, and Multinational (JIM) force in a challenging and realistic operational environment; and (3) develop future strategic readiness and interoperability in the JIM warfighting team.

In FY24, the JTE continues to generate operational solutions to urgent, specific Joint Warfighter problems through a short-term rigorous test program process.

FY 2023 to FY 2024 Increase/Decrease Statement:

FY 2022	FY 2023	FY 2024

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
Funding change reflects planned lifecycle of this effort.				
Title: SBIR/STTR Transfer		-	1.262	-
FY 2023 Plans: Funding transferred in accordance with Title 15 USC §638.				
FY 2023 to FY 2024 Increase/Decrease Statement: Funding transferred in accordance with Title 15 USC §638.				
Accomplishments/Planned Programs Subtotals		45.122	34.940	35.982
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
N/A				

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Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>				Project (Number/Name) 317 / <i>Current Force Capability Gaps</i>			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
317: <i>Current Force Capability Gaps</i>	-	35.264	51.863	59.555	-	59.555	49.939	48.864	49.324	55.857	0.000	350.666
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project enables Army Futures Command (AFC) Futures and Concepts Center (FCC) to develop, integrate and help synchronize capability requirements and solutions into the operational force to meet the Army's goal to deliver Army 2030 and Design Army 2040. Funding ensures that the FCC acts independently and serves as the voice of the Warfighter, complementing the materiel and non-materiel developers by providing total capability management that integrates all doctrine, organization, training, materiel, leadership and education, personnel, and facilities (DOTMLPF) considerations. This project provides AFC and FCC resources to execute Capability Development and Integration Directorate (CDID) Battle Lab experimentation, assessments and analysis addressing the Army's most significant modernization challenges. FCC plans and conducts experiments to gain insights and recommendations in the development of integrated concepts and requirements to inform Army Senior Leader modernization decisions through the results of a rigorous Campaign of Learning. Funding in this project enables FCC to maintain the Army Capability-based Architecture Development and Integration Environment (ArCADIE) providing storage, accessibility, production, and certification of authoritative architecture data and supporting systems. ArCADIE enables FCC to develop, verify and validate operational architecture for eight major BCT formations.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
Title: CDID/ACM JCIDS Requirements Documentation	22.254	-	-
Description: The AFC/FCC team facilitates requirements determination in coordination with the Joint Requirements Oversight Council (JROC) and in coordination with the Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)) which directs and ensures Milestone acquisition decisions are formally staffed and fully integrated across the Future Force Modernization Enterprise. Funding ensures AFC/FCC serves as the voice of the warfighter and compliments the materiel developer in providing total capability management ensuring the integration of all DOTMLPF solutions.			
Title: Requirements Determination	-	22.165	34.769
Description: This accomplishment is a renaming of previous CDID/ACM JCIDS Requirements Documentation accomplishment to update organizational names and terminology.			
The AFC/FCC team facilitates requirements determination in coordination with the Joint Requirements Oversight Council (JROC) and in coordination with the Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT)) which directs and ensures Milestone acquisition decisions are formally staffed and fully integrated across the Future Force Modernization Enterprise. Funding ensures AFC/FCC serves as the voice of the warfighter and compliments the materiel developer in providing total capability management ensuring the integration of all DOTMLPF solutions.			

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>	Project (Number/Name) 317 / <i>Current Force Capability Gaps</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
<p><i>FY 2023 Plans:</i> Funding ensures requirement determination, documentation and integration in support of all FCC CDIDs. Includes areas of Aviation platforms and enablers, Soldier and Robotic requirement development, Sustainment watercraft and maneuver support vehicles, and Cyber ACM areas of Cyberspace, Networks and Services, Electromagnetic Spectrum Operations and Tactical Radios. Cyber ACMs provide support to the Army's Cyber priorities and CFT efforts.</p> <p><i>FY 2024 Plans:</i> Funding in FY24 ensures continuation of requirement determination, documentation and integration in support of all FCC CDIDs. This will include areas of Soldier and Robotic development, Air Defense and Artillery formations, Sustainment watercraft and maneuver support vehicles, and Cyber Army Capability Managers (ACM) areas of Cyberspace, Networks and Services, Electromagnetic Spectrum Operations and Tactical Radios. Cyber ACMs provide support to the Army's Cyber priorities and Cross Functional Team efforts. Funding ensures highly technical requirements development expertise for the Multi-Domain Task Force (MDTF). This ensures use of highly technical expertise to provide quick-response systems engineering support for Multi Domain Operations, MDTF, and other high-priority study areas.</p> <p><i>FY 2023 to FY 2024 Increase/Decrease Statement:</i> Funding increase reflects an increased focus on requirements development supporting Multi Domain Operations and MDTF.</p>			
<p><i>Title:</i> Accelerated Capabilities Development</p> <p><i>Description:</i> Prototyping events are coordinated with CFTs and other Industry and Academic partners and utilizes live, force on force prototype-based experiments to assess the operational relevance of developing technologies, refine initial Operational and Organizational concepts, and conduct early prototyping to retain current advantages over adversaries, accelerate investments on contested future capabilities, and mitigate risk to the force.</p>	3.782	-	-
<p><i>Title:</i> Army Focused Warfighting Experiments (AFWE)</p> <p><i>Description:</i> This accomplishment is a renaming of the above Accelerated Capabilities Development accomplishment to update mission and terminology.</p> <p>AFWE evolved from formerly known Army Live Prototyping Assessments. AFWE is full spectrum experimentation that examines new and innovative concepts and capabilities to support the Army's Force Design efforts to achieve the Army of 2040 as well as Combined Arms Center's Force Development equities to achieve the Army 2030. AFWE focuses beyond just materiel solutions by also looking at new organization designs, and how to fight tactics, techniques, and procedures to better inform development of the Army 2040. AFWE planning and event proposals are aligned to and incorporated into Project Convergence use case planning.</p> <p><i>FY 2023 Plans:</i></p>	-	6.332	-

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>	Project (Number/Name) 317 / <i>Current Force Capability Gaps</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
<p>FCC conducts AFWE experiments to continue identification and assessment of Multi Domain Operations solutions and to refine operational and organizational concepts.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY24 reflects decrease due to plan to execute AFWE in Project 312 - Army/Joint Experimentation within the same Program Element.</p>				
<p>Title: Battle Lab Experimentation and Support</p> <p>Description: Funding allows CDID Battle Lab to execute experiments in support of Army modernization efforts. Experimentation informs concepts, requirements, material solutions, and DOTMLPF changes for critical capability gaps and informs Army Senior Leader modernization decisions through the results of rigorous deliberate learning. Experimentation enables the delivery of Army 2030 and identifies opportunities to modernize the Army of 2040.</p> <p>FY 2023 Plans: Funds provide CDID Battle Lab capacity in order to plan and execute experiments in order to refine and underpin concepts and requirements with analysis. Funds provide contracted functional SMEs, facilitation analysts, software and travel costs.</p> <p>FY 2024 Plans: Funds provide FY24 CDID Battle Lab capacity in order for FCC to plan and execute experiments in order to refine and underpin concepts and requirements with analysis. Funds provide contracted functional SMEs, facilitation analysts, software and travel costs.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY24 increase for Air Space Total Awareness for Rapid Tactical Execution (ASTARTE) and FCC Forge requirements.</p>		1.419	17.050	18.133
<p>Title: Army Capability-based Architecture Development and Integration Environment (ArCADIE)</p> <p>Description: ArCADIE is the Army's authoritative source for architecture data and supports the community of practice requirement. ArCADIE provides an environment into which applications, software, and new functionality can be integrated while preserving access and linkage to existing data and artifacts. It provides standardized tool sets and enables software license sharing to reduce costs. ArCADIE employs a federation strategy to provide one integrated data store, regardless of how and where data is stored, presented as one integrated data set. Stakeholders make extensive use of common core services within ArCADIE to eliminate redundancies and create efficiencies.</p> <p>FY 2023 Plans:</p>		6.027	0.408	0.653

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>	Project (Number/Name) 317 / <i>Current Force Capability Gaps</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
<p>Enable FCC to maintain ArCADIE and develop, verify, and validate operational architecture for eight major BCT formations. Provide storage, accessibility, production, and certification of authoritative architecture data and supporting systems in accordance with DoD and DA information Assurance and management standards.</p> <p>FY 2024 Plans: ArCADIE will be maintained to enable Army futures Command to develop, verify and validate operational architecture for Army 2030 and 2040 Multi Domain Formations. It will continue to serve as the authoritative architecture data and supporting systems in accordance with DoD and DA Information Assurance and management standards.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: Funding change reflects planned lifecycle of this effort.</p>				
<p>Title: System of Systems Enhanced Small Unit (SESU) Focused Assessments</p> <p>Description: SESU is an Army/DARPA, CSA-directed project to support experimentation and demonstration of capabilities for small units. The Army is responsible to develop and execute virtual and live experimentation to evaluate SESU concepts, Adaptive C2 software, innovative sensors and effectors.</p> <p>FY 2023 Plans: Funding supports Focused Assessments, Models and Simulations, and Capstone Demonstration.</p> <p>FY 2024 Plans: FY24 funds final planning and execution for a full scale SESU experiment, against a pacing threat, in a real world type scenario. This will be the culminating exercise for the SESU effort prior to scheduled transition to capabilities development of select systems. Meets CSA intent for SESU capability.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY24 reflects increase for final planning and execution for a full scale SESU experiment. SESU transitions to Program of Record or transfers to a National Training Center (NTC) mission beginning in FY25.</p>		1.782	4.015	6.000
<p>Title: SBIR/STTR Transfer</p> <p>FY 2023 Plans: Funding transferred in accordance with Title 15 USC §638.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: Funding transferred in accordance with Title 15 USC §638.</p>		-	1.893	-
Accomplishments/Planned Programs Subtotals		35.264	51.863	59.555

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C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks test		
D. Acquisition Strategy N/A		

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Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>				Project (Number/Name) 33B / <i>Soldier-Centered Analyses For Future Force</i>			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
33B: <i>Soldier-Centered Analyses For Future Force</i>	-	-	0.021	0.014	-	0.014	-	-	-	-	0.000	0.035
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Project will provide early application of human performance and human figure modeling tools in the development of Soldier-focused requirements to shape technology for Future Force development. Efforts include design analyses, constructive simulations, and Soldier-in-the-loop assessments to ensure that manpower requirements and workload and skill demands are considered, avoiding information and physical task overloads and taking optimum advantage of aptitudes, individual and collective training, and numbers of Soldiers for an affordable Future Force.

The cited work is consistent with the Strategic Planning Guidance, the Army Science and Technology Master Plan (ASTMP), the Army Modernization Plan, and the Defense Technology Area Plan (DTAP).

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
<p>Title: Manpower and Personnel Integration (MANPRINT)</p> <p>Description: Provide dedicated modeling and analysis cell for early and accurate MANPRINT estimates to the U.S. Army Futures Command (AFC), DEVCOM and its Centers, The Research and Analysis Center, Schools and Centers of Excellence (CoEs), Army Test and Evaluation Command (ATEC) and other service laboratories.</p> <p>FY 2023 Plans: Expand the digital library by developing 3D models of Soldier clothing and equipment items to perform early human figure modeling assessments of planned and/or prototypes of Army modernization platform designs and enhancements.</p> <p>FY 2024 Plans: Will expand the digital library by developing 3D models of Soldier clothing and equipment items to perform early human figure modeling assessments of planned and/or prototypes of Army modernization platform designs and enhancements.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: Change reflects planned lifecycle of this effort.</p>	-	0.020	0.014
<p>Title: FY2023 SBIR/STTR Transfer</p> <p>Description: Funding transferred in accordance with Title 15 USC §638</p> <p>FY 2023 Plans:</p>	-	0.001	-

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605326A / <i>Concepts Experimentation Program</i>	Project (Number/Name) 33B / <i>Soldier-Centered Analyses For Future Force</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2022	FY 2023	FY 2024
Funding transferred in accordance with Title 15 USC §638				
<i>FY 2023 to FY 2024 Increase/Decrease Statement:</i>				
Funding transferred in accordance with Title 15 USC §638				
Accomplishments/Planned Programs Subtotals		-	0.021	0.014
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
N/A				