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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Army **Date:** May 2021

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605712A / <i>Support of Operational Testing</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	52.280	54.116	55.122	-	55.122	-	-	-	-	-	-
001: <i>ATEC Joint Tests And Follow-On Test & Eval</i>	-	0.292	0.303	0.355	-	0.355	-	-	-	-	-	-
V02: <i>ATEC Activities</i>	-	51.988	53.813	54.767	-	54.767	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Program Element (PE) provides resources to the United States (U.S.) Army Test and Evaluation Command (ATEC) to operate the Army's Operational Test Command (OTC). OTC conducts independent operational tests that provide significant data to Army decision-makers on key Army systems and concepts. This PE finances recurring costs for OTC that are essential for conducting realistic and continuous testing in the critical areas of equipment, doctrine, force design and training. These recurring costs include civilian pay, requirements for test support contracts, temporary duty, training, supplies and equipment. It also provides funding to the U.S. Army Futures Command to operate the Army Joint Test Element (JTE). JTE examines Joint Service, Combatant Command (COCOM) and Department of Defense (DoD) agencies' mission gaps, tactics and doctrine, resulting in the development of Tactics, Techniques and Procedures (TTP), Concept of Operations (CONOPS) and assessment documents. Products are developed through operational non-materiel solutions to urgent, specific, Joint Warfighter problems.

B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	52.723	54.470	55.444	-	55.444
Current President's Budget	52.280	54.116	55.122	-	55.122
Total Adjustments	-0.443	-0.354	-0.322	-	-0.322
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.443	-0.354			
• Adjustments to Budget Years	-	-	-0.322	-	-0.322

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Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0605712A / Support of Operational Testing				Project (Number/Name) 001 / ATEC Joint Tests And Follow-On Test & Eval			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
001: ATEC Joint Tests And Follow-On Test & Eval	-	0.292	0.303	0.355	-	0.355	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Joint Modernization Command (JMC) plans and executes worldwide multi-echelon, joint and multi-national field experiments in support of the Army's modernization strategy enabling a multi-domain operations Aimpoint Force. This Project provides funding for the Joint Modernization Command - Aberdeen Proving Grounds (JMC-APG) which supports assessments of operational solutions to urgent, specific, Joint Warfighter problems through a short-term, rigorous experiment process. This support is principally through the AFC Experiment program. The office further manages Army resources in support of joint assessments. The objective of JMC-APG is to develop, in operational environments, methods for Warfighters to accomplish their missions more effectively with today's equipment, organizations, and doctrine. JMC-APG achieves this by evaluating new concepts for tactics, techniques, and procedures, and addressing Combatant Commanders' needs and issues in the joint military environments.

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

	FY 2020	FY 2021	FY 2022
Title: Army Joint Test Element (JTE) Management Support	0.292	0.303	0.355
Description: Funds the civilian salaries and related non-labor requirements that support the JMC-APG.			
FY 2021 Plans: Will continue to fund civilian labor and non-labor requirements such as supplies and travel in support of JTE initiatives, program support from remote joint test stations, and Combatant Command (COCOM) engagements.			
FY 2022 Plans: Will continue to fund civilian labor and non-labor requirements such as supplies and travel in support of JMC-APG initiatives, program support from remote joint test stations, and COCOM engagements.			
FY 2021 to FY 2022 Increase/Decrease Statement: Change due to inflation for civilian pay and program adjustments required to meet non-labor support to program requirements.			
Accomplishments/Planned Programs Subtotals			0.355

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

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D. Acquisition Strategy

N/A

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605712A / Support of Operational Testing	Project (Number/Name) V02 / ATEC Activities
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
V02: ATEC Activities	-	51.988	53.813	54.767	-	54.767	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Project provides funding to the Army Test and Evaluation Command (ATEC) to operate the Operational Test Command (OTC) which conducts independent operational tests that provide significant data to Army decision makers on key systems in support of the Army's modernization priorities. These operational tests are required by public law (Title 10 USC 2399). This Project finances recurring costs for OTC that are essential to conduct realistic and continuous testing in the critical areas of equipment, doctrine, force design and training. These recurring costs include civilian pay, requirements for test support contracts, temporary duty, training, supplies and equipment.

OTC consists of four forward Test Directorates (Airborne and Special Operations Test Directorate, Fort Bragg, North Carolina; Air and Missile Defense Test Directorate, Fort Bliss, Texas; Fires Support Test Directorate, Fort Sill, Oklahoma; and the Intelligence Electronic Warfare Test Directorate, Fort Huachuca, Arizona) together with four additional Test Directorates (Aviation; Maneuver; Mission Command; Maneuver Support and Sustainment) and OTC Headquarters at Fort Hood, Texas. These activities support the development and fielding cycle of all Army acquisition programs including rapid fielding initiatives in support of the Army's modernization priorities. The primary mission of these test directorates is to perform detailed planning, execution, and reporting of Customer Tests, Early User Tests, Limited User Tests (LUT), Initial Operational Test and Evaluation (IOTE), and Follow-On Operational Tests (FOT). OTC also supports Army Futures Command's Soldier Touch Points and other early assessments of potential new systems the Army seeks to acquire.

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

	FY 2020	FY 2021	FY 2022
<p>Title: Operational Test Command Civilian Pay</p> <p>Description: This funding supports the cost of civilian labor for OTC Program Budget Guidance (PBG) authorizations.</p> <p>FY 2021 Plans: Will continue to support the costs of civilian labor for OTC PBG authorizations.</p> <p>FY 2022 Plans: Will continue to support the costs of civilian labor for OTC PBG authorizations.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Increase in funding is due to inflation.</p>	40.895	42.001	43.420
<p>Title: Operational Test Command Operations Support</p> <p>Description: OTC operational costs including: support contracts, temporary duty, training, supplies and equipment.</p>	11.093	11.812	11.347

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<i>FY 2021 Plans:</i> Continue to support operational costs including support contracts, temporary duty, training, supplies and equipment.				
<i>FY 2022 Plans:</i> Continue to support operational costs including support contracts, temporary duty, training, supplies and equipment.				
<i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> Decrease in funding is due to fact of life adjustments for fuel pricing and inflation rates for non-pay and non-fuel purchases.				
Accomplishments/Planned Programs Subtotals		51.988	53.813	54.767
C. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
D. Acquisition Strategy N/A				