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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2017 Army **Date:** February 2016

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604642A / <i>LIGHT TACTICAL WHEELED VEHICLES</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	0.494	-	0.494	1.000	1.000	0.000	0.000	0.000	2.494
E40: <i>LTV Prototype</i>	-	0.000	0.000	0.494	-	0.494	1.000	1.000	0.000	0.000	0.000	2.494

**Note**

GMV is a new start program in FY17.

**A. Mission Description and Budget Item Justification**

Ground Mobility Vehicle (GMV) (formerly called the Ultra Light Combat Vehicle) provides enhanced tactical mobility for an Infantry Brigade Combat Team (IBCT) infantry squad of 9 personnel with their associated equipment to move quickly around the battlefield, including the ability to execute medium distance insertion operations using UH-60 aircraft, providing commanders greater freedom of movement and freedom of action. This capability provides flexibility for entry operations (permissive and non-permissive) to counter threat anti-access strategies by using multiple austere entry points via air-drop, air-land, and/or air-insertion to bring in combat configured units.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	0.494	-	0.494
Total Adjustments	0.000	0.000	0.494	-	0.494
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-	0.494	-	0.494

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**Exhibit R-2A, RDT&E Project Justification:** PB 2017 Army **Date:** February 2016

<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604642A / LIGHT TACTICAL WHEELED VEHICLES	<b>Project (Number/Name)</b> E40 / LTV Prototype
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
E40: LTV Prototype	-	0.000	0.000	0.494	-	0.494	1.000	1.000	0.000	0.000	0.000	2.494
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**  
GMV is a new start program in FY17.

**A. Mission Description and Budget Item Justification**

Ground Mobility Vehicle (GMV) (formerly called the Ultra Light Combat Vehicle) provides enhanced tactical mobility for an Infantry Brigade Combat Team (IBCT) infantry squad of 9 personnel with their associated equipment to move quickly around the battlefield, including the ability to execute medium distance insertion operations using UH-60 aircraft, providing commanders greater freedom of movement and freedom of action. This capability provides flexibility for entry operations (permissive and non-permissive) to counter threat anti-access strategies by using multiple austere entry points via air-drop, air-land, and/or air-insertion to bring in combat configured units.

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

	FY 2015	FY 2016	FY 2017
<b>Title:</b> GMV Test Vehicles	-	-	0.494
<b>Description:</b> Purchase GMV Test Vehicles			
<b>FY 2017 Plans:</b> Contract award for two each GMV Test Vehicles for destructive testing such as LVAD, Roll over and Durability.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	0.494

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

Line Item	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
• D15505: Ground Mobility Vehicle D15505 OPA	-	-	4.907	-	4.907	5.935	13.878	4.956	-	0.000	29.676

**Remarks**

**D. Acquisition Strategy**

Pursue development of the GMV to fulfill requirements using a Commercial off the shelf or Non-developmental Item vehicle. A firm fixed priced contract will be awarded through full and open competition.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Army		<b>Date:</b> February 2016
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**E. Performance Metrics**

N/A



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**Exhibit R-4, RDT&E Schedule Profile: PB 2017 Army** **Date:** February 2016

<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604642A / LIGHT TACTICAL WHEELED VEHICLES	<b>Project (Number/Name)</b> E40 / LTV Prototype
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Event Name	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(1) CPD AROC Approval									▲ CPD AROC Approval																			
GMV RFP/Source Selection Evaluation Board (SSEB)																	■ RFP/SSEB											
(2) Milestone C									▲ MS C																			
(3) GMV Contract Award									▲ Contract Award																			
Production Qualification Testing													■ Dev. Testing															
Log Development													■ Log Development															
(4) GMV Full Rate Production																	▲ RP											

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2017 Army		<b>Date:</b> February 2016
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604642A / <i>LIGHT TACTICAL WHEELED VEHICLES</i>	<b>Project (Number/Name)</b> E40 / <i>LTV Prototype</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
CPD AROC Approval	4	2016	4	2016
GMV RFP/Source Selection Evaluation Board (SSEB)	1	2017	3	2017
Milestone C	4	2017	4	2017
GMV Contract Award	4	2017	4	2017
Production Qualification Testing	2	2018	2	2019
Log Development	2	2018	3	2019
GMV Full Rate Production	3	2019	3	2019