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

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604317F / <i>Technology Transfer</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	-	4.683	7.612	3.368	0.000	3.368	3.286	3.057	3.117	3.171	Continuing	Continuing
646003: <i>Partnership Intermediary Agreement(s)</i>	-	4.683	7.612	3.368	0.000	3.368	3.286	3.057	3.117	3.171	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Technology Transfer was titled Defense Technology Transfer and Defense Technology Link (TechLink) in previous Office of the Secretary of Defense (OSD) budgets. This program was devolved from OSD in FY 2012 to achieve efficiencies in program management.

The three-fold mission of Technology Transfer is: (1) integrate advanced commercial-sector technologies into Department of Defense (DoD) systems, particularly from non-traditional defense contractors; (2) convey DoD-developed technologies to industry to make these technologies available for military acquisition; and (3) establish collaborative Research and Development (R&D) projects with the private sector for cost-sharing of new dual-use technology development.

This program is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P) because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

<b>B. Program Change Summary (\$ in Millions)</b>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	4.769	3.512	3.402	0.000	3.402
Current President's Budget	4.683	7.612	3.368	0.000	3.368
Total Adjustments	-0.086	4.100	-0.034	0.000	-0.034
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	4.100			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.086	0.000			
• Other Adjustments	0.000	0.000	-0.034	0.000	-0.034

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 646003: *Partnership Intermediary Agreement(s)*

Congressional Add: *Program Increase*

<u>FY 2015</u>	<u>FY 2016</u>
2.100	4.100

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<b>Congressional Add Details (\$ in Millions, and Includes General Reductions)</b>		<b>FY 2015</b>	<b>FY 2016</b>	
Congressional Add Subtotals for Project: 646003		2.100	4.100	
Congressional Add Totals for all Projects		2.100	4.100	
<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Title:</b> Technology Transfer		2.583	3.512	3.368
<b>Description:</b> Enhance and expand transfer of technologies between DoD and the commercial sector.				
<b>FY 2015 Accomplishments:</b> Continued to actively promote and broker cooperative research and development agreements (CRADAs) between DoD labs and industry for development of technology with both commercial and military applications. This activity particularly focused on non-traditional defense contractors and had as one of its goals the lowering of costs of new defense-related technology development through cost-sharing with industry as well as helping DoD benefit from private-sector technology investments and innovations. Continued to actively market DoD-developed technologies to U.S. companies and established Patent License Agreements to commercialize these technologies for both civilian and military application.				
<b>FY 2016 Plans:</b> Continue to actively promote and broker CRADAs between DoD labs and industry for development of technology with both commercial and military applications. This activity will particularly focus on non-traditional defense contractors and is intended to help lower the expense of new defense-related technology development through cost-sharing with industry and to help DoD benefit from private-sector technology investments and innovations. Continue to actively market DoD-developed technologies to U.S. companies and establish Patent License Agreements to commercialize these technologies for both civilian and military application.				
<b>FY 2017 Plans:</b> Continue to actively promote and broker CRADAs between DoD labs and industry for development of technology with both commercial and military applications. This activity will particularly focus on non-traditional defense contractors and is intended to help lower the expense of new defense-related technology development through cost-sharing with industry and to help DoD benefit from private-sector technology investments and innovations. Continue to actively market DoD-developed technologies to U.S. companies and establish Patent License Agreements to commercialize these technologies for both civilian and military application.				
<b>Accomplishments/Planned Programs Subtotals</b>		2.583	3.512	3.368

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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604317F / <i>Technology Transfer</i>
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	FY 2015	FY 2016
<b>Congressional Add:</b> Program Increase	2.100	4.100
<b>FY 2015 Accomplishments:</b> Conducted congressionally directed effort.		
<b>FY 2016 Plans:</b> Conduct congressionally directed efforts.		
<b>Congressional Adds Subtotals</b>	2.100	4.100

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

N/A

**Remarks**

N/A

**E. Acquisition Strategy**

N/A

**F. Performance Metrics**

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2017 Air Force</b>												<b>Date:</b> February 2016			
<b>Appropriation/Budget Activity</b> 3600 / 4				<b>R-1 Program Element (Number/Name)</b> PE 0604317F / <i>Technology Transfer</i>				<b>Project (Number/Name)</b> 646003 / <i>Partnership Intermediary Agreement(s)</i>							
<b>Product Development (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Subtotal</b>			-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Support (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Enhance and expand transfer of technologies between DoD and the commercial sector.	Various	TechLink : Bozeman, MT	-	4.683		7.612		3.368		0.000		3.368	Continuing	Continuing	TBD
<b>Subtotal</b>			-	4.683	7.612	3.368	0.000	3.368	-	-	-	-	-	-	-
<b>Test and Evaluation (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Subtotal</b>			-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Management Services (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Subtotal</b>			-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Project Cost Totals</b>			-	4.683	7.612	3.368	0.000	3.368	-	-	-	-	-	-	-
<b>Remarks</b> TBD															

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2017 Air Force</b>		<b>Date:</b> February 2016
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604317F / <i>Technology Transfer</i>	<b>Project (Number/Name)</b> 646003 / <i>Partnership Intermediary Agreement(s)</i>

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

Tech Transfer Partnership Intermediary																												
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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2017 Air Force		<b>Date:</b> February 2016
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604317F / <i>Technology Transfer</i>	<b>Project (Number/Name)</b> 646003 / <i>Partnership Intermediary Agreement(s)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Tech Transfer Partnership Intermediary	1	2015	4	2021