

# UNCLASSIFIED

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2015 Air Force **Date:** March 2014

<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>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO #</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	-	2.295	2.606	2.669	-	2.669	4.255	2.997	3.056	3.114	Continuing	Continuing
646003: <i>Partnership Intermediary Agreement(s)</i>	-	2.295	2.606	2.669	-	2.669	4.255	2.997	3.056	3.114	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

# The FY 2015 OCO Request will be submitted at a later date.

## **Note**

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

Technology Transfer was titled Defense Technology Transfer and Defense Technology Link (TechLink) in previous OSD budgets. This program was devolved from OSD 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>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Previous President's Budget	2.576	2.606	3.053	-	3.053
Current President's Budget	2.295	2.606	2.669	-	2.669
Total Adjustments	-0.281	-	-0.384	-	-0.384
• Congressional General Reductions	-0.004	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.060	-			
• Other Adjustments	-0.217	-	-0.384	-	-0.384

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Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 Program Element (Number/Name) PE 0604317F I Technology Transfer		
Change Summary Explanation Decrease in FY13 Other Adjustments was due to Sequestration.				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Title: Technology Transfer		2.295	2.606	2.669
Description: Enhance and expand transfer of technologies between DoD and the commercial sector.				
FY 2013 Accomplishments: Through the use of a Partnership Intermediary Agreement (PIA), promoted and brokered patent license agreements and Cooperative Research and Development Agreements (CRADAs) between DoD labs and industry for development of technology with both commercial and military applications. Examples of each are a patent license agreement with the U.S. Army Corps of Engineers, Construction Engineering Research Laboratory and Tetra Tech for BUILDER software, a suite of integrated tools to support engineered asset lifecycle management; and a limited-purpose CRADA between the Naval Air Warfare Center Aircraft Division and Randolph Products to provide samples and proprietary information for the evaluation of aluminum-rich coatings as a corrosion-resistant primer for metals. This activity is focused on non-traditional defense contractors with the intention of helping lower the expense of new defense-related technology development through cost-sharing with industry and provided DoD benefit from private-sector technology investments and innovations. Actively marketed DoD-developed technologies to U.S. companies and establish Patent License Agreements to commercialize these technologies for both civilian and military application.				
FY 2014 Plans: 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.				
FY 2015 Plans: 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.				
Accomplishments/Planned Programs Subtotals		2.295	2.606	2.669

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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604317F / <i>Technology Transfer</i>	
<b>D. Other Program Funding Summary (\$ in Millions)</b> N/A		
<b>Remarks</b> N/A		
<b>E. Acquisition Strategy</b> N/A		
<b>F. Performance Metrics</b> 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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**Exhibit R-4, RDT&E Schedule Profile:** PB 2015 Air Force

**Date:** March 2014

**Appropriation/Budget Activity**

3600 / 4

**R-1 Program Element (Number/Name)**

PE 0604317F / *Technology Transfer*

**Project (Number/Name)**

646003 / *Partnership Intermediary Agreement(s)*

	FY11				FY12				FY13				FY14				FY15				FY16				FY17			
FISCAL YEAR	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
FY12 FUNDING AWARD					X																							
FY12 PROGRESS REVIEW									O																			
FY13 FUNDING AWARD									X																			
FY13 PROGRESS REVIEW													O															
FY14 FUNDING AWARD													X															
FY14 PROGRESS REVIEW																	O											
FY15 FUNDING AWARD																	X											
FY15 PROGRESS REVIEW																					O							
FY16 FUNDING AWARD																					X							
FY16 PROGRESS REVIEW																									O			
FY17 FUNDING AWARD																										X		