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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 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program
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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	210.351	26.715	25.010	16.776	0.000	16.776	18.344	10.820	0.659	0.670	30.396	339.741
675061: C-130J	205.921	24.542	25.010	16.776	0.000	16.776	18.344	10.820	0.659	0.670	30.396	333.138
675062: C-130J TRAINERS	4.430	2.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.603

**Program MDAP/MAIS Code:** 220

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

The C-130J is a medium-sized transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 feet) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/H and the C-130J (short). Special mission variants of the C-130J conduct airborne psychological operations (EC-130J), weather reconnaissance (WC-130J), search and rescue (HC-130J), and special operations (MC-130J and AC-130J). All aircraft variants must be capable of worldwide operations.

This program provides RDT&E funding for required capabilities that are grouped as "Block" upgrades or "Capability" updates. Currently, Block 7.0/8.1 and Capability Management Updates (CMUs) add capabilities to address Communication, Navigation, Surveillance, and Air Traffic Management (CNS/ATM) requirements. All are collaborative efforts between Seven Nations. Content/requirements for block modifications is documented in International Program Directives (IPDs) as determined in the Cooperative Systems and Software Upgrade Requirements Management (COSSURM) process.

The HC/MC Recap Program will integrate the common-core capabilities developed under this program into the HC-130J, MC-130J and AC-130J.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

The FY 2017 funding request was reduced by \$9.614 million to account for availability of prior execution balances.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2017 Air Force	<b>Date:</b> February 2016
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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program
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<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	26.715	31.010	26.390	0.000	26.390
Current President's Budget	26.715	25.010	16.776	0.000	16.776
Total Adjustments	0.000	-6.000	-9.614	0.000	-9.614
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-12.400			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	6.400			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-9.614	0.000	-9.614

**Change Summary Explanation**

The FY2016 funding was reduced by \$12.4 million due to a Congressionally directed reduction for program decrease. Additionally FY2016 funding was added by \$6.4 million due to a Congressionally directed add for In-flight prop balancing system.

The FY 2017 funding request was reduced by \$9.614 million to account for availability of prior execution balances.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Air Force										<b>Date:</b> February 2016		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program				<b>Project (Number/Name)</b> 675061 / C-130J			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
675061: C-130J	205.921	24.542	25.010	16.776	0.000	16.776	18.344	10.820	0.659	0.670	30.396	333.138
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The C-130J is a medium-sized transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 feet) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/H and the C-130J (short). Special mission variants of the C-130J conduct airborne psychological operations (EC-130J), weather reconnaissance (WC-130J), search and rescue (HC-130J), and special operations (MC-130J and AC-130J). All aircraft variants must be capable of worldwide operations.

This project provides RDT&E funding for required capabilities that are grouped as "Block" upgrades or "Capability" updates. Content/requirements for block modifications is documented in International Program Directives (IPDs) as determined in the Cooperative Systems and Software Upgrade Requirements Management (COSSURM) process. This project will integrate the common-core capabilities developed under this program into the HC-130J, MC-130J and AC-130J.

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

	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Title:</b> Cooperative Systems and Software Upgrade Requirements Management (COSSURM)	0.248	0.367	0.400
<b>Description:</b> COSSURM - Collects potential requirements for inclusion into a Block Upgrade or Capability Management Update.			
<b>FY 2015 Accomplishments:</b> CMU COSSURM efforts included the Design Approach and Approval Meeting (DAAM), Requirements Approval Meeting (RAM), Systems Requirements Review (SRR), System Design Review (SDR), Certification Working Group (CertWG) and we received approval to proceed to Request for Proposal (RFP).			
<b>FY 2016 Plans:</b> Continuation of CMU COSSURM requirements review and analysis.			
<b>FY 2017 Plans:</b> Continuation of CMU COSSURM requirements review and analysis.			
<b>Title:</b> Block 7.0	1.955	0.100	-
<b>Description:</b> BLOCK 7.0: Adds Link 16, a new Flight Management System (FMS), Civil Global Positioning System (GPS) Navigation, and a Special Mission Processor-Interface (SMP-I). Defense Contract Management Agency Support is included here.			
<b>FY 2015 Accomplishments:</b> Completed Data Transfer and Diagnostic System(DTADS) software and Item Unique Identification(IUID) software development.			
<b>FY 2016 Plans:</b>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Air Force		<b>Date:</b> February 2016		
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Complete DO178B software testing. DO178B is the software certification standard for commercial aircraft.				
<p><b>Title:</b> Block 8.1</p> <p><b>Description:</b> BLOCK 8.1 Adds Identification Friend or Foe (IFF) Mode 5, Civil Data Link, Automatic Dependent Surveillance - Broadcast (ADS-B), Air Traffic Services (ATS)/Airline Operational Control (AOC) Data Link for Line of Sight (LOS) and Beyond Line of Sight (BLOS) communication, enhanced covert lighting, improved Public Address(PA) System, and Approach Procedure with Vertical guidance (APV)/ Localizer Performance with Vertical guidance (LPV) approach capability. Several avionics platforms are impacted that include Flight Management System Software, Mission Computer Software, Bus Interface Unit software, and Maintenance Management System.</p> <p><b>FY 2015 Accomplishments:</b> The Block 8.1 effort continued with the Common Core hardware and software development. Major milestones included the completion of Functional Qualification Test (FQT) #1, Test Readiness Review (TRR), First Flight Readiness Review (FFRR), and initial Developmental Test and Evaluation (DT&amp;E).</p> <p><b>FY 2016 Plans:</b> Complete the Block 8.1 Common Core hardware and software development and delta DT&amp;E, initiate integration development for combined Block 7.0/8.1 TKI efforts, and complete the Block 8.1 hardware TKI installation for the USAF short aircraft.</p> <p><b>FY 2017 Plans:</b> Complete integration development for the combined Block 7.0/8.1 USAF stretch and short aircraft, continue integration development for the combined Block 7.0/8.1 follow on TKIs.</p>		18.943	19.360	9.294
<p><b>Title:</b> Test &amp; Evaluation</p> <p><b>Description:</b> Test and evaluation planning, conduct, and support for developmental, and operational testing.</p> <p><b>FY 2015 Accomplishments:</b> Completion of initial Developmental Test &amp; Evaluation (DT&amp;E) for Functional Qualification Test (FQT) #1 and continuation of test planning and support for delta DT&amp;E for FQT #2.</p> <p><b>FY 2016 Plans:</b> Completion of delta test planning and execution of delta DT&amp;E for FQT #2. Initiate test planning and support for follow on Trial Kit Installations (TKIs).</p> <p><b>FY 2017 Plans:</b> Continuation of test planning and support for follow on TKIs.</p>		3.346	1.514	0.820
<p><b>Title:</b> Capability Management Update (CMU)</p>		0.000	2.160	2.460

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Air Force		<b>Date:</b> February 2016
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<p><b>Description:</b> CMU's refine Block upgrade modifications that improve operational effectiveness, satisfy emerging operational needs, and enhance human machine interface (HMI) to allow a workload that meets human factors standards and maintains the present crew complement. Avionics software impacted includes Flight Management System (FMS) Software, Mission Computer (MC) Software, Bus Interface Unit (BIU) software, and Maintenance Management System.</p> <p><b>FY 2015 Accomplishments:</b> Request for Proposal (RFP) released and completion of the Initial Certification Working Group (ICertWG).</p> <p><b>FY 2016 Plans:</b> Award contract and Common Core software development will begin.</p> <p><b>FY 2017 Plans:</b> Continuation of Common Core software development.</p>			
<p><b>Title:</b> Other AMC Initiatives</p> <p><b>Description:</b> C-130J initiatives/studies.</p> <p><b>FY 2015 Accomplishments:</b> Wheel/Brake System Improvement (WBSI) Brake Energy/Takeoff Landing Data (TOLD) Data Collection initiated.</p> <p><b>FY 2016 Plans:</b> Wheel/Brake System Improvement (WBSI) Brake Energy/Takeoff Landing Data (TOLD) Data Collection continue. Mission Planning software studies and updates continue.</p> <p><b>FY 2017 Plans:</b> Replacement of current UHF MILSATCOM Radio with more advanced SATCOM radio that involves minimal integration costs and schedule impact to the AMC Fleet of C-130Js. Mission Planning software studies and updates continue.</p>	0.050	1.509	3.802
<b>Accomplishments/Planned Programs Subtotals</b>	24.542	25.010	16.776

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• APAF: BA05: Line Item # C1300J: C-130J Mods	25.919	29.713	89.424	0.000	89.424	110.174	139.191	133.016	135.467	742.634	1,301.802

**Remarks**  
The Mods above are linked to C-130J R&D. There are other C-130J modification projects without associated R&D.

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J
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**D. Acquisition Strategy**

The C-130J aircraft will be modified using a "block upgrade" strategy. The CNS/ATM, navigation safety requirement will initially, be met in three block upgrades. Block 6.0 development was funded from FY03-07. Block 7.0 started in FY07, and Block 8.1 which began in FY12. Subsequently, C-130J modifications will be grouped into smaller CNS/ATM software only updates known as Capability Management Updates (CMU). Other AMC initiatives are upgrades to hardware and software that have arisen after the formation of the block upgrades and CMUs.

In order to better manage the fleet and to avoid having to simultaneously support three separate aircraft configurations (Block 6, Block 7 and Block 8.1) the USAF has decided to combine the Block 7 and Block 8.1 mods. This will allow the aircraft and trainers to only have to be modified one time.

The proportion of CNS/ATM and navigation safety requirements allocated to Blocks 6.0 through 8.1 was determined via a design trade study conducted by Lockheed Martin (the C-130J prime contractor) and verified by the C-130J system program office and AMC. The development costs are being shared via a global Project Arrangement (PA) by the United States (USAF, USMC, USCG), the United Kingdom, Italy, Australia, Denmark, Canada, and Norway. An international program office (IPO), with USAF lead (Wright Patterson AFB, OH), manages the block upgrades development effort. Retrofit of a Block on the aircraft is the responsibility of each nation.

The USAF is considering fielding the IFF Mode 5 and ADS-B Out portions of Block 8.1 ahead of the remaining 36 capabilities in order to comply with the 2020 mandates.

**E. 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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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Air Force** **Date:** February 2016

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J
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<b>Product Development (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
C-130J Block 7.0, Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Aeronautics : Marietta, GA	127.448	1.955	Nov 2014	0.100	Nov 2015	0.000		0.000		0.000	0.000	129.503	129.503
C-130J Block 8.1, Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Information Sysyems : Marietta, GA	65.192	18.843	Apr 2015	17.275	Apr 2016	7.139	Apr 2017	0.000		7.139	49.876	158.325	180.030
C-130J Capability Management Upgrades (CMU) 1 & 2, Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Aero : Marietta, GA	0.000	0.000		2.160	May 2016	2.460	May 2017	0.000		2.460	1.860	6.480	6.480
C-130J AMC-Initiatives, Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Aero : Marietta, GA	9.369	0.050	Feb 2015	1.509	Feb 2016	3.802	Feb 2017	0.000		3.802	0.000	14.730	14.730
<b>Subtotal</b>			202.009	20.848		21.044		13.401		0.000		13.401	51.736	309.038	330.743

**Remarks**  
C-130J Block 8.1 Total Cost is below Target Value of Contract to account for the expected cost reduction initiatives on this Cost Plus Award Fee Contract.

<b>Support (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

<b>Test and Evaluation (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
C-130J Block 8.1 DT and E	PO	EGLIN AFB : Eglin, FL	1.810	3.346	Nov 2014	1.514	Nov 2015	0.820	Nov 2016	0.000		0.820	0.000	7.490	7.490
<b>Subtotal</b>			1.810	3.346		1.514		0.820		0.000		0.820	0.000	7.490	7.490

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Air Force** **Date:** February 2016

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J
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<b>Management Services (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
C-130J IPO Support	TBD	N/A : TBD	0.674	0.100	Nov 2014	2.085	Nov 2015	2.155	Nov 2016	0.000		2.155	0.000	5.014	5.014
C-130J COSSURM	TBD	RAF : TBD	1.428	0.248	Jan 2015	0.367	Jan 2016	0.400	Jan 2017	0.000		0.400	0.000	2.443	2.443
<b>Subtotal</b>			2.102	0.348		2.452		2.555		0.000		2.555	0.000	7.457	7.457

**Remarks**  
The COSSURM contract is managed by the United Kingdom Royal Air Force (RAF)

	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	205.921	24.542	25.010	16.776	0.000	16.776	51.736	323.985	345.690

**Remarks**

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J
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	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

Block 7.0 Trial Kit Installation (TKI) 1	
Block 8.1 Development	
Block 8.1 Development Test & Evaluation	
Block 8.1 FCA/ PCA (Functional & Physical Configuration Audit)	█
Block 7.0/ 8.1 Trial Kit Installation (TKI) 2 - 7	
CMU #1	█

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2017 Air Force **Date:** February 2016

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675061 / C-130J
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Block 7.0 Trial Kit Installation (TKI) 1	1	2015	2	2015
Block 8.1 Development	1	2015	3	2016
Block 8.1 Development Test & Evaluation	1	2015	3	2016
Block 8.1 FCA/ PCA (Functional & Physical Configuration Audit)	2	2016	2	2016
Block 7.0/ 8.1 Trial Kit Installation (TKI) 2 - 7	4	2015	1	2019
CMU #1	3	2016	2	2018

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

<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program				<b>Project (Number/Name)</b> 675062 / C-130J TRAINERS			
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
675062: C-130J TRAINERS	4.430	2.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.603
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This project will enhance aircrew simulator fidelity utilizing aircraft flight tests to gather data to accurately emulate ground effect, nose wheel and engine-out data points. Currently the simulator is approved to accomplish only 50% of annual assault landings. This added capability will allow more training to be accomplished in the simulator so the aircraft will be available for more real world missions. The ability to accomplish more training in the simulator also reduces the annual aircraft O&M requirement.

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

	FY 2015	FY 2016	FY 2017
<b>Title:</b> Aero Data Collection	2.173	-	-
<b>Description:</b> Utilize aircraft flight tests, gather data for simulator to accurately emulate ground effect, nose wheel and single engine data points to make simulator land like the aircraft. Simulator is currently approved to accomplish only 50% of assault landings. Effort includes aircraft modification to collect all data points and de-modification after data collection to return aircraft to previous status.			
<b>FY 2015 Accomplishments:</b> Aero Data collection was completed. Aero Data will be analyzed and used to update Weapon System Trainers. This will allow more training to be accomplished in the simulators.			
<b>Accomplishments/Planned Programs Subtotals</b>	2.173	-	-

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

N/A

**Remarks**

There is no hardware modification program linked to this RDT&E effort

**D. Acquisition Strategy**

One C-130J was instrumented to collect data during takeoff, approach and landing phases of flight. This data will be used to enable the C-130J Weapon System Trainers to more accurately emulate ground effect, nose wheel, and engine out data points so the simulator will land more like the aircraft. The ability to accomplish more training in the simulator also reduces the annual aircraft O&M requirement.

**E. 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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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Air Force** **Date:** February 2016

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675062 / C-130J TRAINERS
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<b>Product Development (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
C-130J Simulator Aero Data	SS/FFP	Lockheed Martin GTL : Orlando, FL	4.430	2.173	Jun 2015	0.000		0.000		0.000		0.000	0.000	6.603	6.603
<b>Subtotal</b>			4.430	2.173		0.000		0.000		0.000		0.000	0.000	6.603	6.603

<b>Support (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

<b>Test and Evaluation (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

<b>Management Services (\$ in Millions)</b>				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			-	-		-		-		-		-	-	-	-

			Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			4.430	2.173	0.000	0.000	0.000	0.000	0.000	6.603	6.603

**Remarks**  
Prior years is \$4.430M, this is why the total differs from the target value significantly.

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675062 / C-130J TRAINERS
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	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

Software Development Testing & Evaluation	
Aircraft De-modification	

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2017 Air Force **Date:** February 2016

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0401132F / C-130J Program	<b>Project (Number/Name)</b> 675062 / C-130J TRAINERS
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Software Development Testing & Evaluation	1	2015	1	2016
Aircraft De-modification	1	2015	3	2016