Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0401132F: C-130J PROGRAM

BA 7: Operational Systems Development

APPROPRIATION/BUDGET ACTIVITY

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	25.943	39.537	30.652	-	30.652	40.320	25.692	24.648	24.973	Continuing	Continuing
675061: <i>C-130J</i>	25.943	39.537	28.248	-	28.248	38.220	23.982	24.648	24.973	Continuing	Continuing
675062: C-130J TRAINERS	-	-	2.404	-	2.404	2.100	1.710	-	-	Continuing	Continuing

#### Note

The Cost to Complete and Total Cost for MDAP projects in this program element are documented in the R3. The Cost to Complete and Total Cost on the R2 are entered as "Continuing" and not reflective of the total cost for MDAP projects since the R2 does not account for prior years funding.

### 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.

FY13 C-130J program RDT&E funds provided for:

- 1)Project Number 675062, C-130J Trainers, includes new start efforts. Flight data will be obtained and integrated into the flight simulators so they will more accurately emulate ground effect, nose wheel steering and engine-out conditions. 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 will also reduce the annual aircraft O&M requirement.
- 2) Participation in the International Cooperative Systems and Software Upgrade Requirements Management (COSSURM). COSSURM participants include the United Kingdom, Australia, Italy, Denmark, Canada, Norway and the United States. COSSURM provides a mechanism to jointly identify, collect, define, analyze, and price requirements. By combining requirements and resources under COSSURM, each participating country will save in aircraft upgrade costs.
- 3) Continuation of Block 7 Upgrades, testing, and trial kit installations. Block 7 is the second phase of a three-block upgrade initiative which primarily addresses mandated Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) requirements. Block 7 is the first Block Upgrade initiative that is a true International partnership, as the development costs are being shared by each participating nation. Block 7 requirements include: a.) Communication, Navigation, and Surveillance (CNS) b.) Civil Global Positioning System (GPS) c.) New flight management system (FMS) d.) Link 16 e.) Mission Computer (MC) upgrades. Block 7 (as well as all future Block Upgrades) will be integrated into the training systems integration lab prior to incorporation into the fielded trainers.
- 4) Continuation of Block 8 Upgrades. Block 8 is the last phase of three block upgrades which will complete all known mandated Communication, Navigation, and Surveillance/Air Traffic Control (CNS/ATM) requirements. Block 8 will again be an International partnership with cost being shared by each participating nation. Block 8 requirements include: a.) TEMPEST Compliance; b.) Identification Friend or FOE (IFF) transponder Mode-5; c.) Civil Data-link; d.) Automatic Dependent Surveillance-Broadcast

PE 0401132F: C-130J PROGRAM

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**DATE:** February 2012

Air Force

Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force

R-1 ITEM NOMENCLATURE

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

PE 0401132F: *C-130J PROGRAM* 

BA 7: Operational Systems Development

(ADS-B); e.) Mission Computer (MC) upgrades

The C-130J program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded and production funding is anticipated in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	26.770	39.537	23.195	-	23.195
Current President's Budget	25.943	39.537	30.652	-	30.652
Total Adjustments	-0.827	-	7.457	-	7.457
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	-0.690	-			
Other Adjustments	-0.137	-	7.457	-	7.457

# **Change Summary Explanation**

The \$7.4M increase in FY2013 is due to (1) the C-130J Trainers new start effort (\$2.4M) and (2) updated Block 8 development schedule(\$5M).

PE 0401132F: C-130J PROGRAM Air Force

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**DATE:** February 2012

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY
3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

FY 2013 FY 2013 FY 2013 FY 2013

DATE: February 2012

PROJECT
675061: C-130J

Cost To

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
675061: <i>C-130J</i>	25.943	39.537	28.248	-	28.248	38.220	23.982	24.648	24.973	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### 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.

#### FY13 C-130J program RDT&E funds provided for:

- 1) Participation in the International Cooperative Systems and Software Upgrade Requirements Management (COSSURM). COSSURM participants include the United Kingdom, Australia, Italy, Denmark, Canada, Norway and the United States. COSSURM provides a mechanism to jointly identify, collect, define, analyze, and price requirements. By combining requirements and resources under COSSURM, each participating country will save in aircraft upgrade costs.
- 2) Continuation of Block 7 Upgrades, testing, and trial kit installations. Block 7 is the second phase of a three-block upgrade initiative which primarily addresses mandated Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) requirements. Block 7 is the first Block Upgrade initiative that is a true International partnership, as the development costs are being shared by each participating nation. Block 7 requirements include: a.) Communication, Navigation, and Surveillance (CNS) b.) Civil Global Positioning System (GPS) c.) New flight management system (FMS) d.) Link 16 e.) Mission Computer (MC) upgrades. Block 7 (as well as all future Block Upgrades) will be integrated into the training systems integration lab prior to incorporation into the fielded trainers.
- 3) Continuation of Block 8 Upgrades. Block 8 is the last phase of three block upgrades which will complete all known mandated Communication, Navigation, and Surveillance/Air Traffic Control (CNS/ATM) requirements. Block 8 will again be an International partnership with cost being shared by each participating nation. Block 8 requirements include: a.) TEMPEST Compliance; b.) Identification Friend or FOE (IFF) transponder Mode-5; c.) Civil Data-link; d.) Automatic Dependent Surveillance-Broadcast (ADS-B); e.) Mission Computer (MC) upgrades

The C-130J program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded and production funding is anticipated in the current or subsequent fiscal year.

B. Accomplishments/Planned Programs (\$ in Millions)			FY 2013	FY 2013	FY 2013
	FY 2011	FY 2012	Base	oco	Total
Title: Cooperative Systems and Software Upgrade Requirements Management (COSSURM)	0.421	0.322	0.500	-	0.500
<b>Description:</b> COSSURM - Collects all potential requirements for inclusion into a Block Upgrade.					

PE 0401132F: C-130J PROGRAM

Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			D	ATE: Febru	ary 2012	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0401132F: C-130J PROGRAM	I	ROJECT 5061: <i>C-13</i>	0J		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
FY 2011 Accomplishments: The COSSURM efforts continue. Major milestones expected to be a Requirements Review (SRR), System Description Approval Meeting Meeting (BRAM) #1.						
FY 2012 Plans: CMU COSSURM efforts will continue. Major milestones expected to Requirements Approval Meeting (BRAM) #1. Capability Management commence. Major milestones expected to be completed include the (SRR) and the Design Approach and Requirments Meeting (DARM).	nt Update (CMU) COSSURM efforts will Initial Systems Requirements Review					
FY 2013 Base Plans: CMU COSSURM efforts will continue. Major milestones expected to Approval Meeting (RAM), Systems Requirements Review (SRR), Syproceed to Request for Proposal (RFP).						
FY 2013 OCO Plans: N/A						
Title: Block 7.0		19.700	6.641	7.053	-	7.053
<b>Description:</b> BLOCK 7.0: Adds Link 16, a new Flight Management System (GPS) Navigation, and a Special Mission Processor-Interfac						
FY 2011 Accomplishments: Continuation of the test and Common Core TKI phase.						
FY 2012 Plans: Conclude the test and Common Core TKI phase, effectively closing to US Marine Corps (USMC), the US Coast Guard (USCG), for Air Concommand (AMC) platforms, will be begin.						
FY 2013 Base Plans: Completion of Trial Kit Installations (TKIs) for USG variants and com	pletion of contract.					
FY 2013 OCO Plans:						

PE 0401132F: *C-130J PROGRAM* Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

DATE: February 2012

R-1 ITEM NOMENCLATURE
PE 0401132F: C-130J PROGRAM
675061: C-130J

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
N/A					
Title: Block 8.1	5.738	30.974	17.340	-	17.340
<b>Description:</b> BLOCK 8.1. Adds Identification Friend or Foe (IFF) Mode 5, Civil Data Link, Automatic Dependent Surveillance - Broadcast (ADS-B)					
FY 2011 Accomplishments: Contract awarded November 2011					
FY 2012 Plans: The Block 8.1 effort will continue with the Common Core hardware and software development. Major Milestones expected to be completed include Systems Requirements Review (SRR) and Preliminary Design Review (PDR).					
FY 2013 Base Plans: The Block 8.1 effort will continue with the Common Core hardware and software development. Major milestones expected to be completed include Critical Design Review (CDR) and receipt of the Trial Kit Installation (TKI) aircraft.					
FY 2013 OCO Plans: N/A					
Title: Capability Management Upgrade (CMU)	-	-	2.160	-	2.160
<b>Description:</b> Refinement of Block upgrade modifications to 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					
FY 2013 Base Plans: Award contract and Common Core software development will begin					
Title: Other AMC Inititatives	-	1.500	1.095	-	1.095
Description: Other AMC approved inititatives					
FY 2011 Accomplishments: Information Assurance, Research/Studies					
FY 2012 Plans:					

PE 0401132F: C-130J PROGRAM

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

3600: Research, Development, Test & Evaluation, Air Force PE 0401132F: C-130J PROGRAM 675061: C-130J

BA 7: Operational Systems Development

FY 2013 B. Accomplishments/Planned Programs (\$ in Millions) FY 2013 FY 2013 FY 2011 FY 2012 **Base** OCO Total Identification Friend or Foe (IFF), Transponder Mode 5, and Other AMC Initiatives FY 2013 Base Plans: Joint Tactical Radio System (JTRS) integration study and other AMC Initiatives FY 2013 OCO Plans: N/A Title: IPO Program Management Administration (PMA) 0.084 0.100 0.100 0.100 Description: International Program Office (IPO) Support. Funds for A&AS, Travel, Supplies and DFAS Support FY 2011 Accomplishments: A&AS, Travel, Supplies and DFAS Support FY 2012 Plans: Travel, Supplies and DFAS Support FY 2013 Base Plans: Travel, Supplies and DFAS Support FY 2013 OCO Plans: N/A **Accomplishments/Planned Programs Subtotals** 25.943 39.537 28.248 28.248

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

		-	FY 2013	FY 2013	FY 2013					<b>Cost To</b>	
<u>Line Item</u>	<b>FY 2011</b>	FY 2012	<b>Base</b>	OCO	<u>Total</u>	FY 2014	FY 2015	FY 2016	FY 2017	Complete	<b>Total Cost</b>
• PE 0401132F, C-130J APAF BA	0.000	14.180	35.374	0.000	35.374	52.262	61.884	63.577	36.893	107.034	371.204
05 B: C-130J Block 7.0 Mods											
• PE 0401132F, C-130J APAF BA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.612	584.603	612.215
(4) . O 400   Diagle 0 4 Made											

## (1)...: C-130J Block 8.1 Mods

## D. Acquisition Strategy

Air Force

The C-130J aircraft will be modified using a "block upgrade" strategy. The full CNS/ATM, navigation safety requirement will 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 FY10, should complete the known CNS/ATM and navigation safety requirements. 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

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0401132F: C-130J PROGRAM	<b>PROJECT</b> 675061: <i>C-1</i>	130J
by Lockheed Martin (the C-130J prime contractor) and verified by the C Project Arrangement (PA) by the United States (USAF, USMC, USCG) office (IPO), with USAF lead (Wright Patterson AFB, OH), manages the of each nation.	, the United Kingdom, Italy, Australia, Denmark, C	canada, and	Norway. An international program
E. Performance Metrics  Please refer to the Performance Base Budget Overview Book for inform Force performance goals and most importantly, how they contribute to	·	d how those	resources are contributing to Air

PE 0401132F: C-130J PROGRAM Air Force

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0401132F: C-130J PROGRAM

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**DATE:** February 2012

PROJECT

675061: C-130J

Product Development (	\$ in Millio	ns)		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Block 7.0 , Aeronautical Systems Center (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Aeronautics:Marietta, GA	118.767	6.641	Dec 2011	7.053		-		7.053	0.000	132.461	0.000
Block 8.1, Aeronautical Systems Center (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Information Sytems:Marietta, GA	5.814	30.974	Feb 2012	17.340	Jan 2013	-		17.340	0.000	54.128	0.000
Capability Management Upgrade (CMU), Aeronautical Systems Center (AFMC), WPAFB, OH	SS/CPAF	Lockheed Martin Aero:Marietta, GA	-	-		2.160	Feb 2013	-		2.160	0.000	2.160	0.000
AMC-Initiatives, Aeronautical Systems Center (AFMC), WPAFB, OH	SS/CPAF	TBD:TBD,	1.500	1.500	Feb 2012	1.095	Feb 2013	-		1.095	0.000	4.095	0.000
		Subtotal	126.081	39.115		27.648		-		27.648	0.000	192.844	0.000

Support (\$ in Millions)				FY 2	2012	FY 2 Ba		FY 2		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IPO Support	TBD	TBD:TBD,	0.425	0.100	Nov 2011	0.100	Nov 2012	-		0.100	0.000	0.625	0.000
		Subtotal	0.425	0.100		0.100		-		0.100	0.000	0.625	0.000

#### Remarks

Travel, Supplies - all vary on support needed

Test and Evaluation (\$ i	in Millions	)		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.000

PE 0401132F: *C-130J PROGRAM* Air Force

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0401132F: C-130J PROGRAM

**DATE:** February 2012

PROJECT

675061: C-130J

Management Services	Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
COSSURM	TBD	TBD:TBD,	0.525	0.322		0.500		-		0.500	0.000	1.347	0.000
		Subtotal	0.525	0.322		0.500		-		0.500	0.000	1.347	0.000
		Total Prior Years Cost	FY 2	2012	FY 2 Ba			2013 CO	FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract	
		Project Cost Totals	127.031	39.537		28.248		-		28.248	0.000	194.816	0.000

Remarks

PE 0401132F: C-130J PROGRAM

Air Force

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0401132F: C-130J PROGRAM	<b>PROJECT</b> 675061: <i>C-130J</i>

PE 0401132F: C-130J PROGRAM Air Force

Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force

DATE: February 2012

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

3600: Research, Development, Test & Evaluation, Air Force PE 0401132F: C-130J PROGRAM 675061: C-130J

BA 7: Operational Systems Development

## Schedule Details

	St	art	End		
Events	Quarter	Year	Quarter	Year	
Block 7.0 Common Core Development Development	1	2011	3	2012	
Block 7.0 Test	4	2011	3	2012	
Block 7.0 Functional Configuration Audit (FCA) and Physical Configuration audit (PCA)	4	2012	1	2013	
USAF Block 7.0 Trial Kit Installs	2	2012	4	2014	
Block 7.0 Force Development Evaluation (FDE)	1	2013	2	2013	
Block 8.1 Phase 0	1	2011	4	2011	
Block 8.1 Common Core Development	1	2012	3	2015	
Block 8.1 Test	3	2014	3	2015	
Block 8.1 FCA/PCA	3	2015	1	2016	
Block 8.1 TKIs	3	2015	4	2017	
Block 8.1 FDE	1	2016	3	2016	

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY
3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

BA 7: Operational Systems Development

DATE: February 2012

R-1 ITEM NOMENCLATURE
PE 0401132F: C-130J PROGRAM
675062: C-130J TRAINERS

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
675062: C-130J TRAINERS	-	-	2.404	-	2.404	2.100	1.710	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

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

In FY 2013, Project Number 675062, C-130J Trainers includes new start efforts. Utilizing aircraft flight tests, gather data for simulator to accurately emulate ground effect, nose wheel and engine-out data points to give the simulator more fidelity. Currently 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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Aero Data	-	-	2.404	-	2.404
<b>Description:</b> Utilizing 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. Currently simulator is approved to accomplish only 50% of assault landings.					
FY 2013 Base Plans: Continue collection and analysis of Aero Data					
Accomplishments/Planned Programs Subtotals	-	-	2.404	-	2.404

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

			FY 2013	FY 2013	FY 2013					Cost To	
Line Item	FY 2011	FY 2012	Base	OCO	<b>Total</b>	FY 2014	FY 2015	<b>FY 2016</b>	FY 2017	Complete	<b>Total Cost</b>
• PE41132F, APAF, C-130J	3.227	0.000	8.145	0.000	8.145	7.545	0.000	0.000	0.000	Continuing	Continuing

Trainer, ...: Trainer Mods

# D. Acquisition Strategy

Air Force

One C-130J will be 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.

PE 0401132F: C-130J PROGRAM

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0401132F: C-130J PROGRAM	PROJECT 675062: C-130J TRAINERS
E. Performance Metrics  Please refer to the Performance Base Budget Overview Book for Force performance goals and most importantly, how they contribute to the performance goals and most importantly.		lied and how those resources are contributing to Air

PE 0401132F: C-130J PROGRAM Air Force

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force **DATE:** February 2012 APPROPRIATION/BUDGET ACTIVITY **R-1 ITEM NOMENCLATURE PROJECT** 3600: Research, Development, Test & Evaluation, Air Force PE 0401132F: C-130J PROGRAM 675062: C-130J TRAINERS BA 7: Operational Systems Development FY 2013 FY 2013 FY 2013 **Product Development (\$ in Millions)** FY 2012 oco Base Total **Total Prior** Contract Target Method Performing Years Award Award Award Cost To Value of **Cost Category Item Activity & Location** Cost Date Cost Date Cost Date Complete **Total Cost** Contract & Type Cost Cost 0.000 0.000 0.000 Subtotal FY 2013 FY 2013 **FY 2013** Support (\$ in Millions) FY 2012 Base oco Total Contract **Total Prior** Target Method Performing Years Award Award Award Cost To Value of **Total Cost Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete Contract 0.000 0.000 0.000 Subtotal FY 2013 **FY 2013** FY 2013 Test and Evaluation (\$ in Millions) FY 2012 oco Base Total **Total Prior** Target Contract Award Cost To Method Performing Years Award Award Value of **Total Cost** Cost Category Item & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete Contract Lockheed Martin SS/FFP Simulator Aero Data 2.404 Apr 2013 2 404 3 796 6 200 0.000 GTL:Orlando, FL Subtotal 2.404 2.404 3.796 6.200 0.000 FY 2013 FY 2013 FY 2013 Management Services (\$ in Millions) FY 2012 Base oco Total **Total Prior** Contract Target Method Performing Years Award Award Award Cost To Value of **Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete **Total Cost** Contract Subtotal 0.000 0.000 0.000 **Total Prior** Target Years **FY 2013** FY 2013 FY 2013 **Cost To** Value of Cost FY 2012 Base oco Total Complete **Total Cost** Contract 2.404 2.404 **Project Cost Totals** 3.796 6.200 0.000 Remarks

PE 0401132F: C-130J PROGRAM

Air Force

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0401132F: C-130J PROGRAM	PROJECT 675062: C-130J TRAINERS

PE 0401132F: C-130J PROGRAM Air Force

Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force

DATE: February 2012

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

3600: Research, Development, Test & Evaluation, Air Force PE 0401132F: C-130J PROGRAM 675062: C-130J TRAINERS BA 7: Operational Systems Development

## Schedule Details

	St	art	End	
Events	Quarter	Year	Quarter	Year
Contract award	2	2013	2	2013
Data collection	4	2013	1	2014
Software development	2	2014	1	2015
Weapon sytem trainer upgrade	2	2015	3	2015

PE 0401132F: *C-130J PROGRAM* Air Force