Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army

**DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

**R-1 ITEM NOMENCLATURE** 

2040: Research, Development, Test & Evaluation, Army

PE 0604220A: Armed, Deployable Helos

BA 5: Development & Demonstration (SDD)

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	63.017	66.169	72.550	0.000	72.550	21.293	35.142	32.908	55.177	Continuing	Continuing
538: KIOWA WARRIOR	35.342	61.912	70.461	0.000	70.461	16.532	9.302	2.154	0.000	Continuing	Continuing
53H: ARMED RECONNAISSANCE HELICOPTER (ARH)	27.675	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
53Z: ARMED SCOUT HELICOPTER	0.000	4.257	2.089	0.000	2.089	4.761	25.840	30.754	55.177	Continuing	Continuing

#### Note

Program Element 0604220A includes Kiowa Warrior (Project 538), Armed Scout Helicopter (Project 53Z), and Armed Reconnaissance Helicopter (Project 53H).

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

An Acquisition Decision Memorandum (ADM) was signed by the Defense Acquisition Executive (DAE) on October 17, 2008 authorizing termination of the existing Armed Reconnaissance Helicopter (ARH) program. Continuance of effort will be required to fully execute termination of the System Development and Demonstration (SDD) contract. The Kiowa Warrior (KW) funding line (Project 538) develops, integrates and tests modifications which will allow the OH-58D to continue to safely serve as the Army's armed reconnaissance aviation capability until replaced/retired. An ACAT II program, KW Cockpit And Sensor Upgrade Program (CASUP), was established to address capability shortfalls, obsolescence, and performance issues with the current fielded fleet. KW CASUP is not the alternative solution to meet the ARH capability. The Armed Scout Helicopter funding line (Project 53Z) has been established to fund the Analysis of Alternatives (AoA) and milestone documentation development in support of efforts to identify a replacement for the aging KW fleet.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army

DATE: February 2010

#### APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army

PE 0604220A: Armed, Deployable Helos

BA 5: Development & Demonstration (SDD)

## **B. Program Change Summary (\$ in Millions)**

	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>
Previous President's Budget	135.205	69.794	112.732	0.000	112.732
Current President's Budget	63.017	66.169	72.550	0.000	72.550
Total Adjustments	-72.188	-3.625	-40.182	0.000	-40.182
<ul> <li>Congressional General Reductions</li> </ul>		0.000			
<ul> <li>Congressional Directed Reductions</li> </ul>		0.000			
<ul> <li>Congressional Rescissions</li> </ul>	0.000	0.000			
<ul> <li>Congressional Adds</li> </ul>		0.000			
<ul> <li>Congressional Directed Transfers</li> </ul>		0.000			
<ul> <li>Reprogrammings</li> </ul>	0.000	0.000			
• SBIR/STTR Transfer	0.000	-1.741			
<ul> <li>Adjustments to Budget Years</li> </ul>	-72.188	-1.538	-40.182	0.000	-40.182
<ul> <li>Economic Assumption</li> </ul>	0.000	-0.278	0.000	0.000	0.000
• FFRDC	0.000	-0.068	0.000	0.000	0.000

## **Change Summary Explanation**

Change Summary Explanation: Funding - FY 2009: \$10 million was rescinded by Congress in the FY 2009 Overseas Contingency Operations Act. FY 2009: \$6 million was decremented to cover the omnibus shortfall. FY 2009, 2010, 2011: Funds realigned to higher priority Army programs.

**DATE:** February 2010

APPROPRIATION/BUDGET ACTI 2040: Research, Development, Test & I BA 5: Development & Demonstration (			NOMENCLA A: Armed, De	_	os	PROJECT 538: KIOWA WARRIOR					
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	OCO Total FY 2012 FY 2013				FY 2015 Estimate	Cost To Complete	Total Cost
538: KIOWA WARRIOR	35.342	61.912	70.461	0.000	70.461	16.532	9.302	2.154	0.000	Continuing	Continuing
Quantity of RDT&E Articles											

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

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army

The OH-58D Kiowa Warrior is a two-seat, single-engine, observation, scout/attack helicopter with four main rotor blades. It utilizes a thermal-imaging system and a laser rangefinder/designator in a mast-mounted sight situated above the main rotor system. The aircraft is equipped with a variety of weapon systems including: HELLFIRE, 2.75-inch rockets, and a .50-caliber machine gun. The aircraft operates autonomously at standoff ranges providing armed reconnaissance, command and control, and target acquisition/designation for Apache helicopters and other airborne weapons platforms in day, night, and adverse-weather conditions. The Active Army and the National Guard fly Kiowa Warriors. Funding develops, integrates and qualifies modifications to support Kiowa Warrior missions - principally the ACAT II Kiowa Warrior Cockpit and Sensor Upgrade Program (CASUP). These upgrades to the Kiowa Warrior will extend the useful life of the aircraft and allow it to continue to safely serve as the Army's armed reconnaissance, aviation platform through its operation service end date of FY2025. The modifications planned will address issues with weight, safety, interoperability, survivability, and sustainability to enhance mission capability.

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	27.911	44.756	43.653	0.000	43.653
Development and Integration					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: Febr	uary 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604220A: Armed, Deployable Helos		PROJECT 538: KIOWA WARRIOR			
B. Accomplishments/Planned Program (\$ in Millions)						
	FY 2	009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO						
Program #2	1	.816	6.300	13.712	0.000	13.712
Test and Evaluation						
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #3	2	.926	2.318	2.411	0.000	2.411
Program Management						
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						

# UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army	<b>DATE:</b> February 2010					
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604220A: Armed, Deployable Held	os	PROJECT 538: KIOWA	WARRIOR		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #4		2.689	8.538	10.685	0.000	10.685
Engineering Support Activities						
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						

Accomplishments/Planned Programs Subtotals

35.342

61.912

70.461

0.000

70.461

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army
BA 5: Development & Demonstration (SDD)

PE 0604220A: Armed, Deployable Helos

S38: KIOWA WARRIOR

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

			<u>FY 2011</u>	<u>FY 2011</u>	<u>FY 2011</u>					Cost To	
<u>Line Item</u>	<b>FY 2009</b>	<b>FY 2010</b>	<b>Base</b>	<u>OCO</u>	<u>Total</u>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Complete</b>	Total Cost
• Ord. #1: AZ22000 - Kiowa Warrior	120.151	174.669	94.400	187.288	281.688	233.632	253.993	228.483	119.071	Continuing	Continuing

#### **D.** Acquisition Strategy

The Government will serve as the Lead Systems Integrator managing multiple contracts.

#### **E. Performance Metrics**

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

**DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

**PROJECT** 

2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)

PE 0604220A: Armed, Deployable Helos

538: KIOWA WARRIOR

**Product Development (\$ in Millions)** 

			FY	FY 2010		FY 2011 Base		FY 2011 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
Development and Integration (Core Funding)	C/Various	Various Activities Location could not be determined.	7.725	44.756		43.653		0.000		43.653	Continuing	Continuing	0
		Subtotal	7.725	44.756		43.653		0.000		43.653			0.000

#### Remarks

.FY2011 Core funding will provide both contractor and in-house development and integration efforts for Cockpit And Sensor Upgrade Program (CASUP).

## Support (\$ in Millions)

				FY 2	2010	FY 2 Ba	2011 ase	FY 2	-	FY 2011 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
Program Management (Core Funding)	C/Various	Various Activities Location could not be determined.	0.440	2.318		2.411		0.000		2.411	Continuing	Continuing	0
		Subtotal	0.440	2.318		2.411		0.000		2.411			0.000

#### Remarks

.FY 2011 Core funding will fund Armed Scout Helicopter (ASH) Government and contractor Program Management support for CASUP.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

**DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

**PROJECT** 

2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)

PE 0604220A: Armed, Deployable Helos

538: KIOWA WARRIOR

**Test and Evaluation (\$ in Millions)** 

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
Test and Evaluation (Core Funding)	С	Various Activities Location could not be determined.	2.488	6.300		13.712		0.000		13.712	Continuing	Continuing	0
		Subtotal	2.488	6.300		13.712		0.000		13.712			0.000

#### Remarks

.FY 2011 Core Funding will provide CASUP test and evaluation activities conducted by Redstone Test Center (RTC), Aviation Applied Technology Directorate (AATD), Developmental Test Command(DTC), and Operational Test Command (OTC).

#### **Management Services (\$ in Millions)**

	(+	)											
				FY	2010		2011 ase		2011 CO	FY 2011 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
Engineering Support Activities (Core Funding)	С	Various Activities Location could not be determined.	0.351	8.538		10.685		0.000		10.685	Continuing	Continuing	0
		Subtotal	0.351	8.538		10.685		0.000		10.685			0.000

#### Remarks

.FY 2011 Core Funding will provide CASUP engineering support activities performed by Aviation Engineering Directorate (AED) and Software Engineering Directorate (SED).

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army		<b>DATE:</b> February 2010	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
2040: Research, Development, Test & Evaluation, Army	PE 0604220A: Armed, Deployable Helos	538: <i>KIOWA</i>	A WARRIOR
BA 5: Development & Demonstration (SDD)			

	Total Prior Years Cost		2010	FY :	2011 ase	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Total	11.004	61.912		70.461		0.000	70.461			0.000

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army

DATE: February 2010

**APPROPRIATION/BUDGET ACTIVITY** 2040: Research, Development, Test & Evaluation, Army

R-1 ITEM NOMENCLATURE PROJECT

BA 5: Development & Demonstration (SDD)

PE 0604220A: Armed, Deployable Helos 538: KIOWA WARRIOR

	I	F <b>Y</b>	200	9	]	FY	201	0	]	FY 2	201	1	F	Y 2	201	2	I	Y 2	)13	3	I	Y.	201	4	I	FY :	201	5
	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
Test and Evaluation (Core Funding)							#	#	#	#	#	#	#	#	#	#	#	#										

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			<b>DATE:</b> February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
2040: Research, Development, Test & Evaluation, Army	PE 0604220A: Armed, Deployable Helos	538: <i>KIOWA</i>	WARRIOR
BA 5: Development & Demonstration (SDD)			

# Schedule Details

	Sta	art	End		
Event	Quarter	Year	Quarter	Year	
Test and Evaluation (Core Funding)	3	2010	2	2013	

Exhibit R-2A, RDT&E Project Justif	ication: PB 20	011 Army							DATE: Febr	ruary 2010	
APPROPRIATION/BUDGET ACTI 2040: Research, Development, Test & E	Evaluation, Ar	ту		<b>R-1 ITEM N</b> PE 0604220	NOMENCLA A: Armed, De		os	PROJECT 53H: ARME	D RECONNA	ISSANCE HE	LICOPTER
BA 5: Development & Demonstration (	SDD)							(ARH)			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
53H: ARMED RECONNAISSANCE HELICOPTER (ARH)	27.675	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											

## A. Mission Description and Budget Item Justification

An Acquisition Decision Memorandum (ADM) was signed by the Defense Acquisition Executive (DAE) on October 17, 2008 authorizing termination of the existing Armed Reconnaissance Helicopter (ARH) program. Continuance of effort will be required to fully execute the termination of the System Development and Demonstration (SDD) contract.FY09 funding was used to support Materiel Development Decision (MDD) for Armed Scout Helicopter (Project 53Z). The \$11.000 million of FY09 funding was decremented by \$6.000 million for a new total of \$5.000 million to cover the omnibus shortfall, due to a request from the Assistant Secretary of the Army for Financial Management and Comptroller (ASA FMC).

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	27.675	0.000	0.000	0.000	0.000
Kiowa Warrior Replacement Development					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					

**DATE:** February 2010

0.000

0.000

0.000

APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604220A: Armed, Deployable Held	R-1 ITEM NOMENCLATURE PE 0604220A: Armed, Deployable Helos  S3H: ARMED RECONNAISSANG (ARH)				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO						

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

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army

			<u>FY 2011</u>	<u>FY 2011</u>	<u>FY 2011</u>					Cost To	
<u>Line Item</u>	<b>FY 2009</b>	<b>FY 2010</b>	<b>Base</b>	<u>oco</u>	<u>Total</u>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Complete</b>	Total Cost
• Ord. #1: A04203 ARMED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0
RECONNAISSANCE HELICOPTER											

Accomplishments/Planned Programs Subtotals

27.675

0.000

#### **D.** Acquisition Strategy

Not applicable for this item.

#### **E. Performance Metrics**

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

DATE: Fobruary 2010

Exhibit K-2A, KD1&E Project Justin	ication: PD 2	OTT Affily							DATE: Febi	uary 2010		
APPROPRIATION/BUDGET ACTIV 2040: Research, Development, Test & E BA 5: Development & Demonstration (	Evaluation, Ar	my		<b>R-1 ITEM N</b> PE 0604220	N <b>OMENCLA</b> A: Armed, De		os.	PROJECT 53Z: ARMEI	ROJECT Z: ARMED SCOUT HELICOPTER			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost	
53Z: ARMED SCOUT HELICOPTER	0.000	4.257	2.089	0.000	2.089	4.761	25.840	30.754	55.177	Continuing	Continuing	
Quantity of RDT&E Articles												

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

Exhibit D 24 DDT&F Project Justification, DR 2011 Army

The mission of the Kiowa Warrior replacement aircraft is to provide a robust reconnaissance and security capability for the Joint Combined arms air-ground maneuver team. It will be a direct replacement for the aging OH58D Kiowa Warrior fleet. The aircraft will provide a highly deployable, reconnaissance and security capability that will employ immediately upon arrival into theater. The platform will address the capability gaps of interoperability, survivability, versatility, agility, lethality, and sustainability to ensure interoperability over extended ranges, enhance mission effectiveness throughout the operational environment, and focus on system survivability against threats operating in the contemporary operational environment, while reducing the logistical burden on the tactical unit. The fundamental purpose is to perform reconnaissance and to provide security in combat operations. In doing so, it improves the commander's ability to maneuver and concentrate superior combat power against the enemy at the decisive time and place.FY09 Armed Reconnaissance Helicopter (Project 53H) funding was used to support the Materiel Development Decision (MDD) in 4th Quarter FY09.FY10 funding supports the Armed Aerial Scout (AAS) Analysis of Alternatives and the development of milestone documents/reviews.

#### B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	0.000	4.257	2.089	0.000	2.089
AAS AoA and Milestone support					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					

**DATE:** February 2010

2.089

0.000

2.089

APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604220A: Armed, Deployable Helos	PROJECT 53Z: ARMED SCOUT HELICOPTER				
B. Accomplishments/Planned Program (\$ in Millions)						
	F	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO						

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

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army

			<b>FY 2011</b>	<b>FY 2011</b>	<b>FY 2011</b>					Cost To	
<u>Line Item</u>	<b>FY 2009</b>	<b>FY 2010</b>	<b>Base</b>	<u>oco</u>	<u>Total</u>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Complete</b>	Total Cost
• Ord. #1: No title specified	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0

Accomplishments/Planned Programs Subtotals

0.000

4.257

## **D.** Acquisition Strategy

N/A

#### **E. Performance Metrics**

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

**DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

PROJECT

2040: Research, Development, Test & Evaluation, Army BA 5: Development & Demonstration (SDD)

PE 0604220A: Armed, Deployable Helos

53Z: ARMED SCOUT HELICOPTER

**Support (\$ in Millions)** 

				FY 2010		FY :	2011 ase		2011 CO	FY 2011 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
AAS AoA and Milestone support	C/Various	Various Location could not be determined.	0.000	4.257		2.089		0.000		2.089	Continuing	Continuing	0
		Subtotal	0.000	4.257		2.089		0.000		2.089			0.000

#### Remarks

FY09 Armed Reconnaissance Helicopter (Project 53H) funding was used to support the Materiel Development Decision (MDD) in 4th Quarter FY09.

	Total Prior Years Cost	FY 2010	FY:	2011 ase	FY :	2011 CO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	4.257	2.089		0.000		2.089			0.000

#### Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

2040: Research, Development, Test & Evaluation, Army PE 0604220A: Armed, Deployable Helos 53Z: ARMED SCOUT HELICOPTER

BA 5: Development & Demonstration (SDD)

332. AMILD SCOOT HELICOTTE

	FY 2009		FY 2010			FY 2011			FY 2012				FY 2013			3	FY 2014			FY 2015			5					
	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
Materiel Development Decision (MDD)			#																									

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			<b>DATE:</b> February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
2040: Research, Development, Test & Evaluation, Army	PE 0604220A: Armed, Deployable Helos	53Z: ARME	D SCOUT HELICOPTER
BA 5: Development & Demonstration (SDD)			

# Schedule Details

	Sta	art	End			
Event	Quarter	Year	Quarter	Year		
Materiel Development Decision (MDD)	3	2009	3	2009		