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

Date: March 2014

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

PE 0207134F *I F-15E* Squadrons

Operational Systems Development

COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	0.000	145.035	234.289	261.969	-	261.969	250.362	338.682	274.913	415.626	Continuing	Continuing
670131: Initial Operational Test and Evaluation	0.000	42.078	64.975	84.350	-	84.350	50.468	109.800	42.817	189.903	144.500	728.891
676020: <i>F-15</i>	0.000	102.957	169.314	177.619	-	177.619	199.894	228.882	232.096	225.723	Continuing	Continuing

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

Note

In FY 2015, Infrared Search and Track (IRST) is a new start.

In FY 2015, PE 0207134F Project 670131 Initial Operation Test and Evaluation, EPAWSS efforts were transferred to PE 0207171F Project 676038 EPAWSS.

A. Mission Description and Budget Item Justification

The F-15 is the most versatile fighter in the world today. The F-15C/D continues to provide air superiority with an undefeated and unmatched aerial combat record. The F-15E retains this air superiority capability and adds systems, such as advanced imaging and targeting systems, to meet the requirement for all-weather, deep penetration, and night/under-the-weather, air-to-surface attack. Configured with conformal fuel tanks (CFTs), the F-15E deploys worldwide with minimal tanker support and arrives combat-ready. A mainstay in operations both domestic and abroad, upgrades to the F-15 (avionics, armament, airframe, and engines) are critical to maintaining combat viability (lethality, survivability, and supportability). Projected to remain in service past 2035, avionics modernization is key to long-term weapon system viability. This modernization is built on a foundation of technical and acquisition support studies (both internal to the Air Force and through outside contractors), forestalling obsolescence, exploiting proven technological advances, and leveraging new technology. Major avionics upgrades center around radar modernization (both hardware and software upgrades) and the exploitation of enhanced capability via precision timing, data delivery and processing technology, precision registration systems, cockpit Head Up Display (HUD), instrumentation digitization and modernization, central computer processing power increases, digital mission event recording systems and an infrared (IR) based fire control system. Funds are also used, as required, to resolve Diminishing Manufacturing Sources and Material Shortage (DMSMS) issues. The proliferation of fourth generation enemy aircraft and sophisticated "double-digit" anti-aircraft missile systems pose a significant threat to F-15 survivability. A fully integrated electronic warfare suite holds the promise of providing survivability as well as expanded electronic attack capability. Nearly all improvements are linked to an aircraft operational flight program update schedule that works to integrate new capabilities with the airframe. These updates are a responsive way to increase the offensive and defensive capability and survivability of the F-15. Incorporation of corresponding spiral and/or phased technology/ equipment improvements that include support equipment, mission planning systems, and training device upgrades will improve performance, supportability, and aircrew training.

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.

PE 0207134F: F-15E Squadrons

Air Force

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

Appropriation/Budget Activity

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

Operational Systems Development

R-1 Program Element (Number/Name)
PE 0207134F *I F-15E Squadrons*

FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
192.677	244.289	426.331	-	426.331
145.035	234.289	261.969	=	261.969
-47.642	-10.000	-164.362	=	-164.362
-0.227	-			
-21.000	-10.000			
-	-			
-	-			
-	-			
-10.000	-			
-4.897	-			
-11.518	-	-164.362	-	-164.362
	192.677 145.035 -47.642 -0.227 -21.000 - - - -10.000 -4.897	192.677 244.289 145.035 234.289 -47.642 -10.000 -0.227 - -21.000 -10.000 -10.000 - -4.897 -	192.677 244.289 426.331 145.035 234.289 261.969 -47.642 -10.000 -164.362 -0.227 - -21.000 -10.000 -10.000 - -4.897 -	192.677

Change Summary Explanation

FY2013: Funding decreased -\$11.518M for Sequestration and -\$10M for higher Air Force priorities,-\$21M for Congressional Mark for Forward financing, and -\$4.897M for SBIR.

FY2014: Funding decreased -\$10M for Congressional Mark for contract delays.

FY2015: Funding decreases for the Eagle Passive/Active Warning Suvivability System (EPAWSS), the Advanced Display Core Processor (ADCP) II, and higher Air Force priorities

PE 0207134F: F-15E Squadrons

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Exhibit R-2A, RDT&E Project Ju	Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force Date: March 2014											
Appropriation/Budget Activity 3600 / 7					_		t (Number/ Squadrons	Number/Name) Initial Operational Test and ก				
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
670131: Initial Operational Test and Evaluation	-	42.078	64.975	84.350	-	84.350	50.468	109.800	42.817	189.903	144.500	728.891
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

^{*} The FY 2015 OCO Request will be submitted at a later date.

Note

Operational Flight Program (OFP) Development efforts and Flight test have been moved to BPAC 676020 For FY 13 & FY 14 EPAWSS is under PEC 0207134F and BPAC 670131. For FY 15 forward EPAWSS is under PEC 0207171F and BPAC 676038

A. Mission Description and Budget Item Justification

This includes development of the F-15E APG-82(V)1 Active Electronically Scanned Array (AESA) radar, the F-15C/D and F-15E Advanced Display Core Processor (ADCP) II and the F-15C/D and F-15E Eagle Passive/Active Warning Survivability System (EPAWSS) (FY13 and FY14 EPAWSS funds only in PEC 0207134F).

The APG-82(V)1 will supply the F-15E with a digital radar that will provide improved range and resolution, as well as a significant improvement in reliability. This AESA radar has the ability to provide electronic attack and protection capabilities.

The ADCP II will develop a common mission computer for the F-15C/D and F-15E. The current mission computers of both platforms have reached their limits of speed, memory and throughput. Additionally, digital systems have changed the security requirements of both platforms and the older mission computers cannot be upgraded to meet these new requirements. A common mission computer is expected to reduce overall development costs as well as long term maintenance costs. The program will also develop a new F-15C/D cockpit display to replace an obsolete one.

EPAWSS will replace the obsolete Tactical Electronic Warfare System (TEWS), which will help the aircraft survive in high threat environments.

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.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Title: F-15E Radar Modernization Program (RMP) APG-82(V)1	4.767	-	-
Description: New digital AESA radar replacing legacy analog APG-70 radars on all F-15E aircraft. This includes technical and acquisition related studies.			
FY 2013 Accomplishments:			

PE 0207134F: *F-15E Squadrons*

Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force		Date:	March 2014			
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207134F / F-15E Squadrons		Project (Number/Name) 670131 <i>I Initial Operational Test a</i> Evaluation			
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015		
Completed DT&E and IOT&E. Upgrade trainers. Completed EM	1D phase of program					
FY 2014 Plans: Not Applicable						
Title: Eagle Passive/Active Warning Survivability System (EPAW	/SS)	4.67	10.000	-		
Description: EPAWSS for FY 13 & FY 14 is under this PEC and 676038.	BPAC. For FY 15 PB EPAWSS is under PEC 27171F, BP	AC				
Planned replacement of the existing F-15 self-protection, Tactica acquisition related studies.	l Electronic Warfare System (TEWS). This includes techni	cal and				
FY 2013 Accomplishments: Evaluated EPAWSS integration requirements and interface chara specification development. Technical and acquisition related study	, , ,	d				
FY 2014 Plans: Continue evaluating EPAWSS integration requirements and intersystem specifications. Develop and release Request for Proposa EMD and Milestone B. Technical and acquisition related studies	al for Pre-EMD design contract. Continue acquisition planr					
FY 2015 Plans: Not Applicable						
Title: Advanced Display Core Processor (ADCP) II (formerly kno Advanced Display Core Processor Plus w/Vertical Situation Disp		32.63	54.975	84.35		
Description: New central computer for both F-15E and F-15C/D 219 F-15Es to replace ADCP. F-15C/D provides 175 modern cor F-15C/D Vertical Situation Display (VSD). This includes technical	mputers and a high resolution color display to replace the c					
FY 2013 Accomplishments: Critical Design Review (CDR). Initial hardware build. OFP Suite 8 prototype hardware. Vertical Situation Display Replacement (VS FY 2014 Plans:	•	on				

PE 0207134F: *F-15E Squadrons* Air Force

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Exhibit R-2A, RDT&E Project Justif	ication: PB	2015 Air Fo	rce	,					Date: M	arch 2014	
Appropriation/Budget Activity 3600 / 7					_	nent (Numb 15E Squadro	•		t (Number/N 1 / Initial Ope ation	•	and
B. Accomplishments/Planned Prog	rams (\$ in N	Millions)							FY 2013	FY 2014	FY 2015
Conduct EMD activities. Initial EMD adevelopment and testing on EMD han test. Flight Test Readiness Review for	dware. Beg	in system st	ability and e	,			,				
FY 2015 Plans: Complete software and hardware tes for F-15C flight test. Begin Low-Rate					F-15E aircra	ft. Flight test	readiness re	view			
				Accon	nplishment	s/Planned P	rograms Su	btotals	42.078	64.975	84.350
C. Other Program Funding Summa	ry (\$ in Milli	ons)									
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 201	8 FY 2019	Cost To	Total Cost
APAF: BA05: Line Item # F01500: Aircraft Modification: F-15: PEs	190.163	346.624	387.314	-	387.314	644.336	476.060	489.25		7 Continuing	
0207130/0207134/0207445/0809731 • APAF: BA07: Line Item # 000071: Aircraft Replacement Support Equip (BP12)	3.051	-	-	-	-	-	-	-		Continuing	Continuing
• APAF: BA07: Line Item # F0150P:	2.360	2.403	1.122	-	1.122	3.253	3.039	2.58	3 2.613	3 Continuing	Continuing

Remarks

D. Acquisition Strategy

F-15 Post Production Support

APAF: BA06: Line Item # 000999:

Initial Spares/Repair Parts (BP16)

21.074

20.813

24.785

Program is a continuation of effort which includes the development for all F-15 models. Funds are executed organically in support of equipment improvement, study, analysis, and test. Acquisition and management strategies for each program are independently developed and use a variety of contract methods and types to accomplish program objectives.

24.785

61.961

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.

PE 0207134F: F-15E Squadrons

Air Force

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R-1 Line #137

58.263

37.805

38.512 Continuing Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Air Force

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

PE 0207134F *I F-15E* Squadrons

Project (Number/Name)

670131 I Initial Operational Test and

Date: March 2014

Evaluation

Product Developmen	it (\$ in Mi	illions)		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
F-15E RMP EMD Contract	SS/CPAF	Boeing : St Louis, MO	0.000	2.801	Dec 2013	-		-		-		-	-	2.801	-
F-15E RMP	Various	Various : Various,	0.000	1.966	Dec 2013	-		-		-		-	-	1.966	-
F-15 ADCP II Contract	SS/CPFF	Boeing : St Louis, MO	0.000	16.582	Nov 2013	48.240	Nov 2013	57.900	Nov 2014	-		57.900	38.100	160.822	-
F-15 ADCP II	Various	Various : Various,	0.000	14.882	Dec 2013	5.815	Mar 2014	24.815	Mar 2015	-		24.815	14.200	59.712	-
F-15 EPAWSS (Pre- MDAP)	TBD	TBD : TBD,	0.000	4.677	Apr 2013	10.000	Jan 2014	-		-		-	485.188	499.865	-
		Subtotal	0.000	40.908		64.055		82.715		-		82.715	537.488	725.166	-

Remarks

3600 / 7

The individual program reference to "various" contract methods addresses other government costs for trainers, test, hardware, special studies, telemetry kits, etc. that are required to meet each program's objectives. The execution vehicles between these DoD entities vary by effort.

FY13PB - Project 670131 includes APG-82(V)1, ADCP II and EPAWSS only. All other programs funded under Project 676020.

FY14PB - Project 670131 includes APG-82(V)1, ADCP II and EPAWSS only. All other programs funded under Project 676020.

FY15PB - Project 670131 includes APG-82(V)1 and ADCP II only. EPAWSS is now under PEC 27171F, Project 676038.

Support (\$ in Millior	,		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location Subtotal	Prior Years	Cost -	Award Date	Cost -	Award Date	Cost -	Award Date	Cost -	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	(\$ in Milli	ons)		FY:	2013	FY:	2014		2015 ase		2015 CO	FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	_	_		_		_		_		_	_	_	

PE 0207134F: F-15E Squadrons

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Air Force

R-1 Program Element (Number/Name)

Project (Number/Name)

Appropriation/Budget Activity 3600 / 7

PE 0207134F *I F-15E* Squadrons

670131 I Initial Operational Test and

Date: March 2014

Evaluation

Management Service	ost Category Item & Type Activity & Location Yerram Management Various Various			FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Method		Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support Costs	Various	Various : Various,	0.000	1.170	Sep 2013	0.920	Sep 2014	1.635	Sep 2015	-		1.635	-	3.725	-
		Subtotal	0.000	1.170		0.920		1.635		-		1.635	-	3.725	-

Remarks

The individual program reference to "various" contract methods addresses other government costs for trainers, test, hardware, special studies, telemetry kits, etc. that are required to meet each program's objectives. The execution vehicles between these DoD entities vary by effort.

													Target
	Prior					FY 2	2015	FY 2	2015	FY 2015	Cost To	Total	Value of
	Years	FY 20	13	FY 2	014	Ва	se	00	co	Total	Complete	Cost	Contract
Project Cost Totals	0.000	42.078		64.975		84.350		-		84.350	537.488	728.891	-

Remarks

PE 0207134F: *F-15E Squadrons*

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force Date: March 2014 Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name) 3600 / 7 PE 0207134F *I F-15E* Squadrons 670131 I Initial Operational Test and Evaluation Modifications - BPAC 670131 FY13 FY14 FY15 FY16 FY17 FY18 FY19 APG-82(V)1 Radar nst Start Inst Start Prod Award Inst Start Prod Award Inst Start Prod Award Advanced Displays Core Processor II (C/D/E) ET FDE IOT&E F-15C Inst Start EMID Award MSC F-15E Inst Start

PE 0207134F: *F-15E Squadrons*

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Air Force			Date: March 2014
• • • • • • • • • • • • • • • • • • •	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	, ,	umber/Name) nitial Operational Test and

Schedule Details

	St	End		
Events	Quarter	Year	Quarter	Year
F-15E APG-82A(V)1 RMP EMD-Complete	1	2013	4	2013
F-15E APG-82(V)1 RMP LRIP 2	1	2013	4	2014
F-15E APG-82(V)1 RMP LRIP 3	3	2013	3	2015
ADCP II EMD	1	2014	3	2016
ADCP II MS C	1	2016	1	2016

PE 0207134F: *F-15E Squadrons*

Air Force

Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force									Date: March 2014			
Appropriation/Budget Activity 3600 / 7				R-1 Progra PE 020713		t (Number / Squadrons		Project (Number/Name) 676020 / <i>F-15</i>				
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
676020: <i>F-15</i>	-	102.957	169.314	177.619	-	177.619	199.894	228.882	232.096	225.723	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

^{*} The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

This effort includes development of F-15 Electronic Protection (EP) capabilities and provides funding for Operational Flight Program (OFP) upgrades, Flight Testing and Infrared Search and Track (IRST).

EP will enhance digital Active Electronic Scanned Array (AESA) radar capabilities to counter sophisticated electronic threats. The development of F-15 EP will maximize Key System Attributes (KSA) and EP techniques for F-15E Radar Modernization Program (RMP) in Suite 8E; ensure remaining KSAs and EP techniques for F-15E RMP are included in Suite 9; ensure legacy EP for F-15C APG-63(v)3, commensurate with the APG-63(v)1 radar legacy EP capability, is included in Suite 9; and maximize additional advanced EP for F-15C APG-63(v)3 in Suite 9."

For the F-15 to maintain operational effectiveness, the program must continuously provide the platforms with improved capabilities. To accomplish this there is an ongoing need to develop software upgrades and to flight test new capabilities and systems. The OFP funding line allows the Air Force to release software upgrades approximately every 3 years. At any one time the program has three OFP upgrades in work: one in requirements definition/pricing, one in code writing and test, and one in flight test and release preparation. The Flight Test funding line allows the Air Force to fund the on-going test effort.

Infrared Search and Track (IRST) system will provide air to air detection, tracking and ranging capability for F-15C/D in a radar-denied environment.

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.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Title: Operational Flight Program (OFP) Development Efforts	78.764	109.163	129.053
Description: Provides OFP program software and hardware updates to integrate new capabilities on all F-15 aircraft. This includes technical and acquisition related studies.			
FY 2013 Accomplishments: Completed Suite 8E (S8E) requirements definition and initiate S8E Phase 2 development. Continue Suite 7C (S7C) (otherwise known as Suite 7M) development and CDR. Integrate Alpha 2 Lite into the OFP. Continuation of organic software support and Special Projects development efforts. Trainer upgrades.			
FY 2014 Plans:			

PE 0207134F: F-15E Squadrons

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force Appropriation/Budget Activity 3600 / 7 R-1 Program Element (Number/Name) PE 0207134F / F-15E Squadrons		t (Number/N	arch 2014 ame)					
			ame)					
			ect (Number/Name) 020 / F-15					
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015				
Finish coding, conduct bench testing and begin flight testing of S8E. Complete S7C development and operational flight conduct verification and validation of technical publications, prepare for delivery. Complete integration of Alpha 2 Lite ar integration of Joint-Air-to-Surface Standoff Missile-Extended Range (JASSM-ER) Universal Armament Interface (UAI) in OFP. Begin Phase I Suite 9 (S9) development. Continuation of organic software support and Special Projects developr efforts.	nd begin to the							
FY 2015 Plans: Deliver S7C to the field. Complete S8E flight testing and accomplish S8E Validation and Verification. Complete S9 required definition and initiate S9 Phase II development. Complete JASSM-ER UAI into the S8E. Continuation of organic softwar and Special Projects development efforts. Continue funding support for all F-15 trainers. Begin integration of Sniper on the meet critical PACOM requirements.	e support							
Title: Flight Test		15.407	16.328	16.28				
Description: Flight testing of improvements initiated in prior years. Baseline infrastructure and personnel support for F-Developmental Test (DT) and Initial Operational Test & Evaluation (IOT&E) operations. Purchases long-lead test support and unique aircraft test instrumentation. This includes technical and acquisition related studies.								
FY 2013 Accomplishments: F-15 Flight Test Support provides prime contractor support cadre at Eglin and Nellis for DT/IOT&E support, avionics intellab O&M, CTF O&M, and long-lead test unique equipment, i.e., program specific aircraft instrumentation, weapons instrukts, weapons simulators, data reduction/handling equipment.								
FY 2014 Plans: F-15 Flight Test Support provides prime contractor support cadre at Eglin and Nellis for DT/IOT&E support, avionics intellab O&M, CTF O&M, and long-lead test unique equipment; i.e., program specific aircraft instrumentation, weapons instrukits, weapons simulators, data reduction/handling equipment.								
FY 2015 Plans: F-15 Flight Test Support provides prime contractor support cadre at Eglin and Nellis for DT/IOT&E support, avionics intellab O&M, CTF O&M, and long-lead test unique equipment; i.e., program specific aircraft instrumentation, weapons instrukts, weapons simulators, data reduction/handling equipment.								
Title: F-15 Radar Enhancements		8.786	43.823	22.00				
Description: Improvements to F-15 Electronic Protection (EP) and other radar enhancements. This includes technical acquisition related studies.	and							
FY 2013 Accomplishments:								

PE 0207134F: *F-15E Squadrons* Air Force

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Exhibit R-2A, RDT&E Project Justifi	cation: PB	2015 Air Foi	rce						Date: Ma	arch 2014	
Appropriation/Budget Activity 3600 / 7		oject (Number/Name) 6020 / F-15									
B. Accomplishments/Planned Progr	•	•							FY 2013	FY 2014	FY 2015
EP software development, technology	maturation	, and OFP ri	sk reduction								
FY 2014 Plans: Continue implementation of EP into S	uite 8E.										
FY 2015 Plans: Continue implementation of EP into S	uite 8E.										
Title: F-15 Infrared Search and Track	(IRST) - FY	15 New Sta	rt						-	-	10.271
by other sensors, and is unaffected by capability complements the radar to e system that searches for and detects FY 2013 Accomplishments: Not applicable FY 2014 Plans: Not applicable	nhance surv	ivability and	lethality aga	ainst air-to-ai	ir threats, pr	ovides a pas	sive infrared	sensor			
FY 2015 Plans: Initiate technical and acquisition relate	d studies. E	Early acquisi	tion planning								
				Accon	nplishment	s/Planned P	rograms Su	ıbtotals	102.957	169.314	177.619
C. Other Program Funding Summar	y (\$ in Milli	ons)									
			FY 2015	FY 2015	FY 2015					Cost To	
Line Item	FY 2013	FY 2014	<u>Base</u>	000	<u>Total</u>	FY 2016	FY 2017	FY 2018		Complete	
 APAF: BA05: Line Item # F01500: F-15 Modification of In-Service Aircraft, PEs 	190.163	346.624	387.314	-	387.314	644.336	476.060	489.257	530.457	Continuing	Continuing
0207130/0207134/0207445/0809731											
• APAF: BA06: Line Item # 000999:	21.074	20.813	24.785	-	24.785	61.961	58.263	37.805	38.512	Continuing	Continuino
Initial Spares/Repair Parts (BP16)	-									3	
• APAF: BA07: Line Item # F0150P: F-15 Post Production Support	2.360	2.403	1.122	-	1.122	3.253	3.039	2.565	2.613	Continuing	Continuing

PE 0207134F: *F-15E Squadrons* Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force	Date: March 2014		
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
3600 / 7	PE 0207134F <i>I F-15E</i> Squadrons	676020 <i>I F</i>	F-15

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

			FY 2015	FY 2015	FY 2015					Cost To	
<u>Line Item</u>	FY 2013	FY 2014	Base	OCO	<u>Total</u>	FY 2016	FY 2017	FY 2018	FY 2019	Complete	Total Cost
• APAF: BA07: Line Item #	3.051	-	-	-	-	-	-	-	-	Continuing	Continuing

000071: Aircraft Replacement Support Equip (BP12)

Remarks

D. Acquisition Strategy

Program is a continuation of effort which includes the development of all F-15 models. Funds are executed organically in support of equipment improvement, study, analysis, and test. Acquisition and management strategies for each program are independently developed and use a variety of contract methods and types to accomplish program objectives.

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.

PE 0207134F: *F-15E Squadrons*

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force Date: March 2014 R-1 Program Element (Number/Name) Project (Number/Name) Appropriation/Budget Activity 3600 / 7 PE 0207134F *I F-15E* Squadrons 676020 I F-15 Modifications - BPAC 676020 FY13 FY14 FY15 FY16 FY17 FY18 **FY19** Operational Flight Programs MSB EMD Award SVR#1 DT&E / FDE Suite 7C S7C Fielding DT&E/FDE Suite 8E 58E Fielding \$VR# System CDR SVR#1 DT&E / FDE Suite 9 SVR#2 SDR/PDR EMD Award SVR#1 ATP DT&E / FDE Radar Enhancements (C/D/E) Design Code/Int Test S8E Fielding MD Award S9E EP DR/PDR Infrared Search and Track (C/D) EMD Program Start

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