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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force											DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	17,449.086	1,366.147	1,210.306	816.335	-	816.335	654.432	516.094	175.591	77.992	Continuing	Continuing
653831: Joint Strike Fighter	17,449.086	1,366.147	1,192.506	782.335	-	782.335	621.432	486.094	175.591	77.992	Continuing	Continuing
653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT	0.000	0.000	17.800	34.000	-	34.000	33.000	30.000	0.000	0.000	Continuing	Continuing
MDAP/MAIS Code(s): 198												
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The F-35 Joint Strike Fighter (JSF) Program will develop and field an affordable, highly common family of next generation strike aircraft for the United States Navy, Air Force, Marine Corps and allies. The three variants are the F-35A Conventional Takeoff and Landing (CTOL); F-35B Short Takeoff and Vertical Landing (STOVL); and the F-35C Aircraft Carrier suitable Variant (CV). The CTOL will be a stealthy multi-role aircraft, primary air-to-ground for the Air Force to replace the F-16 and A-10 and complement the F-22. The STOVL variant will be a multi-role strike fighter aircraft to replace the AV-8B and F/A-18A/C/D for the Marine Corps, replace the Sea Harrier and GR 7 for the United Kingdom, and replace the AV-8 currently employed by the Italian Navy. The CV will provide the DoN a multi-role, stealthy strike fighter aircraft to complement the F/A-18E/F.												
The United Kingdom, other International Partner nations, and Foreign Military Sales customers are also participants in the JSF program. The program shown here reflects USN, USMC, USAF, and International Partner funding.												
Funding at the accomplishment/planned program level is reported as the total of all services and partners as these activities support all aircraft variants.												
The SDD Budget funds a total quantity of 20 RDT&E test articles to include 6 ground test articles and 14 flight test articles for Navy and Air Force use.												
FY07: 1 Conventional Take Off and Landing (CTOL) flight test article												
FY08: 1 Short Take Off and Vertical Landing (STOVL) flight test article); 1 STOVL ground test article												
FY09: 1 STOVL flight test article; 2 CTOL ground test articles												
FY10: 6 flight test articles: 3 CTOL, 2 STOVL, 1 Carrier Variant (CV); 3 ground test articles: 1 STOVL, 2 CV												
FY11: 4 flight test articles: 1 CTOL, 1 STOVL, 2 CV												
FY13: 1 CV flight test article												

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BA5 - This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting Engineering and Manufacturing Development (EMD) tasks aimed at meeting validated requirements prior to full-rate production.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	1,387.926	1,210.306	1,039.035	-	1,039.035
Current President's Budget	1,366.147	1,210.306	816.335	-	816.335
Total Adjustments	-21.779	0.000	-222.700	-	-222.700
• Congressional General Reductions	-	0.000			
• Congressional Directed Reductions	-	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	-	0.000			
• Congressional Directed Transfers	-	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-21.779	0.000			
• Other Adjustments	0.000	0.000	-222.700	-	-222.700

Change Summary Explanation

FY14 change due to SDD funding profile being rephased to better align resources to requirements.

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APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD				PROJECT 653831: Joint Strike Fighter			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
653831: Joint Strike Fighter	17,449.086	1,366.147	1,192.506	782.335	-	782.335	621.432	486.094	175.591	77.992	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note												
Total cost including USN, USMC, International partner contributions and USAF funding are: FY12 \$2,735.504M, FY13 \$2,803.393M and FY14 \$1,777.322M. R-2 data reflects variant unique funding only.												
R-2A costs shown above reflect service funding only.												
R-2A (section B)/R-3 displays total combined Service (i.e. not Service specific), including International partners, funding for JSF Engineering and Manufacturing Development(EMD) and JSF Deployability and Suitability Enhancements (D&S).												
JSF EMD Includes: USAF PE 0604800F BPAC 653831 USN PE 0604800N Project Unit 2261 USMC PE 0604800M Project Unit 2262												
D&S Includes: USAF PE 0604800F BPAC 653832 USN PE 0604800N Project Unit 3352 USMC PE 0604800M Project Unit 3350												
JSF FoD includes: USAF: PE 0207142F BPAC 675346 USN: FY13 PE 0604800N BPAC 2261 USN: FY14 PE 0604800N BPAC 3353 USMC: FY13 PE 0604800M BPAC 2262 USMC: FY14 PE 0604800M BPAC 3351												

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PE 0604800F: *F-35 - EMD*
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APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD		PROJECT 653831: Joint Strike Fighter		
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2012	FY 2013	FY 2014
Continue SDD execution of the Air System with Lockheed Martin, including International Commonality Effort which includes airframe, vehicle systems, mission systems, autonomic logistics, systems engineering, and integrated test efforts. FY 2014 Plans: Continue SDD execution of the Air System with Lockheed Martin, including International Commonality Effort which includes airframe, vehicle systems, mission systems, autonomic logistics, systems engineering, and integrated test efforts. Activity aligned to IMS with planned completion of SDD in 2018.						
Title: F135 Propulsion System Description: SDD execution of the F135 Propulsion System (Pratt & Whitney) including International Commonality Effort; includes testing, autonomic logistics, integration & performing technology maturation efforts. FY 2012 Accomplishments: Continued SDD execution of the F135 Propulsion System with Pratt & Whitney that includes engine testing, autonomic logistics, integration and performing technology maturation efforts. FY 2013 Plans: Continue SDD execution of the F135 Propulsion System with Pratt & Whitney that includes engine testing, autonomic logistics, integration and performing technology maturation efforts. FY 2014 Plans: Continue SDD execution of the F135 Propulsion System with Pratt & Whitney that includes engine testing, autonomic logistics, integration and performing technology maturation efforts. Funding increase from FY13 to FY14 due to increase of total SDD contract value resulting from the total program baseline review.				277.559	359.618	399.749
Title: F136 Propulsion System Description: SDD execution of the F136 Propulsion System (General Electric/Rolls Royce) FY 2012 Accomplishments: Continued F136 Propulsion System Development effort by the General Electric/Rolls Royce Fighter Engine Team (GE/RR FET)				5.000	0.000	0.000
Title: Systems Engineering (SE) Description: SDD Systems Engineering (SE) including systems operations requirements analysis, program integration, requirements integration, and interoperability support. FY 2012 Accomplishments:				44.121	20.063	32.188

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
Continued SDD Systems Engineering that includes systems operations requirements analysis, program integration, requirements integration, and interoperability support. FY 2013 Plans: Continue SDD Systems Engineering that includes systems operations requirements analysis, program integration, requirements integration, and interoperability support. FY 2014 Plans: Continue SDD Systems Engineering that includes systems operations requirements analysis, program integration, requirements integration, and interoperability support.				
Title: Development Test & Evaluation (DT&E) Description: Government DT&E/Operational Testing (OT) in support of first flight of test aircraft. Elements of DT&E include preparation for flight testing and weapons integration testing. FY 2012 Accomplishments: Continued government DT&E/OT in support of test aircraft. Continued flight sciences testing of CTOL, STOVL, and CV variants to expand the air vehicle envelope to support mission systems testing to include initial Block 2B. Elements of DT&E include preparation for flight testing, weapons integration testing, and component capabilities testing. FY 2013 Plans: Continued government DT&E/OT. Continue flight sciences testing of CTOL, STOVL, and CV variants to expand the air vehicle envelope to support mission systems testing to include initial Block 2B. Elements of DT&E include preparation for flight testing, weapons integration testing, and component capabilities testing. FY 2014 Plans: Continued government DT&E/OT. Continue flight sciences testing of CTOL, STOVL, and CV variants to expand the air vehicle envelope to support mission systems testing to include initial Block 2B. Elements of DT&E include preparation for flight testing, weapons integration testing, and component capabilities testing.		152.406	374.258	381.713
Title: Development Support Description: SDD Support efforts for airframe, air vehicle systems, mission systems, weapons integration, mission support, and autonomic logistics development activities. FY 2012 Accomplishments:		137.364	140.477	95.760

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
Continued SDD Support efforts for airframe, air vehicle systems, mission systems, weapons integration, mission support, and autonomic logistics development activities. FY 2013 Plans: Continue SDD Support efforts for airframe, air vehicle systems, mission systems, weapons integration, mission support, and autonomic logistics development activities. FY 2014 Plans: Continue SDD Support efforts for airframe, air vehicle systems, mission systems, weapons integration, mission support, and autonomic logistics development activities.			
Title: Program Management Support Description: Management support services, civilian pay, travel, engineering technical services, and studies analyses and evaluations in support of program objectives. FY 2012 Accomplishments: Continued management support services, travel, engineering technical services, and studies analyses and evaluations in support of program objectives. Initiated use of RDT&E for Air Force civilian pay. FY 2013 Plans: Continue management support services, travel, engineering technical services, and studies analyses and evaluations in support of program objectives. Program Management Support increase is due to increase in Air Systems Nautical Command personnel. Continue use of RDT&E for civilian pay (Air Force Only). FY 2014 Plans: Continue management support services, travel, engineering technical services, and studies analyses and evaluations in support of program objectives. Program Management Support decrease is due to across the board reduction between both services. Continue use of RDT&E for civilian pay. (Air Force Only)		93.608	113.875
Accomplishments/Planned Programs Subtotals		2,735.504	2,803.393
Other Service Funding Adjustment		1,369.357	994.987
Air Force Subtotals		1,366.147	782.335

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3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				PE 0604800F: F-35 - EMD				653831: Joint Strike Fighter				
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost	
• RD TEN: BA05: PE 604800N: JSF SDD (CV)	605.998	724.392	507.753		507.753	570.181	450.625	254.021	23.023	0.000	22,922.837	
• RD TEN: BA05: PE 604800M: JSF SDD (STOVL)	617.695	737.149	482.823		482.823	557.360	439.945	244.047	96.185	0.000	22,962.048	
• RD TEN: BA05: PE 0604800N: USRL	26.044	19.534	0.000		0.000	0.000	0.000	0.000	0.000	0.000	149.262	
• APAF: BA01: Line Item # ATA000: JSF CTOL,PE 207142F, BP10	3,289.615	3,124.302	3,060.770		3,060.770	3,921.250	5,188.155	5,250.891	5,850.477	150,878.750	189,907.778	
• APN: BA01: Line Item # 0147: JSF (CV), PE 204146N	1,447.097	1,007.632	1,135.444		1,135.444	1,082.046	1,468.775	2,054.690	2,532.068	26,737.969	45,618.677	
• APN: BA01: Line Item # 0147C: JSF Advance Procurement (CV),PE 204146N	109.066	65.180	94.766		94.766	132.063	185.904	246.779	190.141	3,364.677	5,219.579	
• APAF: BA01:ATA000: JSF CTOL Advance Procurement, PE 207142F, BP10 AP	228.977	293.400	363.783		363.783	482.795	509.828	578.000	588.404	18,585.140	22,633.855	
• APN: BA01: Line Item #0152: JSF (STOVL), PE 204146M	1,141.906	1,404.737	1,267.260		1,267.260	1,209.937	1,461.056	2,125.324	2,814.618	29,224.711	41,203.070	
• APN: BA01: 0152C: JSF Advance Procurement (STOVL),PE 204146M	117.229	106.199	103.195		103.195	143.887	203.057	226.014	136.732	4,095.291	5,755.765	
• International Production: JSF International Production	1,808.640	3,453.903	5,738.517		5,738.517	7,563.725	8,328.889	8,153.307	7,347.293	Continuing	Continuing	
• OPN: BA04:4265: JSF Other Procurement, PE 204261N	5.665	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	5.665	
• OPN: BA03: 4267: JSF Logistics Information Systems (ALIS), PE 204261N	0.000	3.826	4.827		4.827	4.554	4.604	5.729	5.830	43.558	72.928	
• APAF: BA06: Line Item # F03500: JSF Initial Spares, PE 0207142F, BP16	149.556	181.833	103.582		103.582	235.183	271.211	235.251	342.508	Continuing	Continuing	

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3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				PE 0604800F: F-35 - EMD				653831: Joint Strike Fighter				
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost	
• APN: BA06: 0605: Initial Spares (CV), PE 204146N	29.902	41.466	42.060		42.060	17.310	32.270	121.283	63.995	Continuing	Continuing	
• APN: BA06: 0605: Initial Spares (STOVL), PE 204146M	23.430	99.006	41.707		41.707	131.216	94.193	66.423	127.264	Continuing	Continuing	
• MILCON: BA01: PE 207142F: JSF Military Construction	24.250	13.530	41.900		41.900	72.100	65.000	66.170	11.000	1,554.200	2,358.300	
• USN MILCON: BA01: USN JSF Military Construction	144.400	117.600	209.000		209.000	320.500	151.700	48.100	0.000	830.600	2,259.300	
• RDT&E: BA07: PE 027142F: JSF Follow-on Development (FoD), BPAC 675346	0.000	8.117	23.000		23.000	104.866	132.174	229.912	300.050	Continuing	Continuing	
• RDT&E: BA07: PE 0207142F: Dual Capable Aircraft (DCA), BPAC 676011	9.682	0.000	10.000		10.000	0.000	0.000	0.000	0.000	Continuing	Continuing	
• International R&D: International R&D (SDD/FoD)	145.664	149.346	4.411		4.411	0.000	0.000	0.000	0.000	0.000	4,947.074	
• OPAF: BA01: 821800: Joint Strike Fighter, PE 0207142F	0.000	0.600	2.200		2.200	2.943	2.471	2.345	2.387	0.000	12.946	
• APN: BA05: BP0593: Modifications (CV), PE 204146N	0.000	0.000	31.100		31.100	52.900	62.130	98.980	102.456	Continuing	Continuing	
• RDTE: BA05: PE 0604800F: JSF Deployability and Suitability Enhancements, BPAC 653832	0.000	17.800	34.000		34.000	33.000	30.000	0.000	0.000	0.000	114.800	
• RDTE: BA05: PE 604800M: F-35B Sustainment/Capability Enhancements (STOVL), BPAC 3350	0.000	0.000	14.904		14.904	14.976	14.960	0.000	0.000	Continuing	Continuing	
• RDTE: BA05: PE 604800N, BPAC 3352: F-35C Sustainment/Capability Enhancements (CV)	0.000	0.000	14.992		14.992	14.997	14.991	0.000	0.000	Continuing	Continuing	

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C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• RD TEN:BA05: PE 604800M: F-35B Follow-on Development (STOVL), BPAC 3351	0.000	0.000	14.904		14.904	19.968	60.837	114.965	172.906	Continuing	Continuing
• APN: BA05: BP0592: Modifications (STOVL), PE 204146M	0.000	0.000	147.130		147.130	291.910	284.360	176.610	181.234	Continuing	Continuing
• RD TEN:BA05: PE 0604800N: F-35C Follow-on Development (CV), BPAC 3353	0.000	0.000	11.442		11.442	19.996	60.963	115.057	173.276	Continuing	Continuing
• APAF: BA05: F03500: JSF Modifications, PE 20742F, BP11	0.000	147.995	157.777		157.777	245.462	223.683	252.141	256.680	Continuing	Continuing
Remarks											
This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy and the Department of the Air Force and currently resides with the Navy. Program Element 0604800N/0604800M continues USN development efforts budgeted in 0603800N prior to FY2002. The United Kingdom and other International countries are participants in the SDD phase of JSF.											
Note: The USAF/USN/USMC PROCUREMENT line include Aircraft Procurement and Advanced Procurement only. Initial Spares and Repair Parts for all Services are reflected in separate lines. International Partner Funding includes funds provided under the Italy and Netherlands Bilateral agreements.											
RELATED RDT&E: Funding prior to JSF SDD (FY94-FY01): USN PE 0603800N \$1,950,617; USAF PE 0603800F \$1,907,352; DARPA PE 0603800E \$118,056; and International Partner contributions of \$253.921 for a total of \$4,229,896.											
D. Acquisition Strategy											
The SDD program consists of a cost-reimbursement contract awarded to Lockheed Martin Aeronautics Company to develop the F-35 Air System, consisting of three aircraft variants and its associated logistics support system, for the U.S. Services and international participants. Similarly, a cost-reimbursement contract was awarded to Pratt & Whitney to develop the F135 propulsion system. Ground and flight testing will be conducted during development to accomplish validation and verification, with the extensive use of modeling and simulation to offset the risk of this large, complex, and concurrent lifecycle program. A comprehensive logistics support environment, including an integrated training system for aircrew, maintenance, and support personnel, is also being developed.											
On 25 April 2011, the Department of Defense terminated the development of the General Electric Rolls-Royce Fighter Engine Team F136 propulsion system.											

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The F-35 Program has made international involvement a key element of the acquisition strategy. This includes international partnership in the development, production, and sustainment phases of the lifecycle. Additional international participation includes Foreign Military Sales arrangements. In Fiscal Year (FY) 2007, separate cost-type contracts were awarded to Lockheed Martin Aeronautics Company and Pratt & Whitney to begin low rate initial production for F-35 air vehicles, propulsion systems, and sustainment for the fielded systems. Transition to fixed-price-type contracts occurred with the fourth low rate lot. To provide logistics support for delivered aircraft, Performance-Based Logistics cost-type contracts will be awarded to Lockheed Martin Aeronautics Company and Pratt & Whitney. At the completion of Low Rate Initial Production, a Defense Acquisition Board review, and Milestone Decision Authority approval, the F-35 Program will enter Full Rate Production. Fixed-price procurement contracts will be awarded for F-35 air vehicles and propulsion systems for the U.S. Services and international participants. Multiyear procurement authority for the F-35 Air System will be requested for Full Rate Production. Concurrently, multiple-year, fixed-price-type Performance Based Logistics contracts for sustainment will be executed to support multi-Service and multi-national requirements. <u>E. Performance Metrics</u> 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 2014 Air Force												DATE: April 2013			
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Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Lockheed Martin - SDD	C/CPAF	Lockheed Martin:Ft. Worth, TX	27,393.270	2,008.281	Nov 2011	1,795.102	Dec 2012	761.153	Dec 2013	-		761.153	2,093.817	34,051.623	27,535.632
Lockheed Martin - IDIQ D0022	SS/ Various	Lockheed Martin:Ft. Worth, TX	11.572	17.165	Nov 2011	0.000		0.000		-		0.000	0.000	28.737	85.000
Lockheed Martin - IDIQ D0009	SS/ Various	Lockheed Martin:Ft. Worth, TX	16.759	0.000		0.000		0.000		-		0.000	0.000	16.759	68.500
Lockheed Martin - BOA	SS/ Various	Lockheed Martin:Ft. Worth, TX	3.511	0.000		0.000		0.000		-		0.000	0.000	3.511	30.000
Pratt & Whitney - SDD	SS/CPAF	Pratt &Whitney:Hartford, CT	6,906.621	277.559	Nov 2011	359.618	Nov 2012	399.749	Dec 2013	-		399.749	274.288	8,217.835	6,810.646
Pratt & Whitney - Close Out Contract C0132	SS/CPFF	Pratt &Whitney:Hartford, CT	1.364	0.000		0.000		0.000		-		0.000	0.000	1.364	1.364
Pratt & Whitney - CDP Close Out Contract C0050	SS/CPAF	Pratt &Whitney:Hartford, CT	2.211	0.000		0.000		0.000		-		0.000	0.000	2.211	2.211
Pratt & Whitney - BOA	SS/CPFF	Pratt &Whitney:Hartford, CT	35.983	0.000		0.000		0.000		-		0.000	0.000	35.983	35.983
Pratt & Whitney - IDIQ	SS/ Various	Pratt &Whitney:Hartford, CT	10.925	0.000		0.000		0.000		-		0.000	0.000	10.925	10.925
General Electric - SDD	SS/ Various	FET:Cincinnati, OH	2,155.573	5.000	Nov 2012	0.000		0.000		-		0.000	0.000	2,160.573	2,415.492
General Electric - IDIQ D0009	SS/ Various	FET:Cincinnati, OH	0.264	0.000		0.000		0.000		-		0.000	0.000	0.264	0.264
General Electric - IDIQ D0074	SS/ Various	FET:Cincinnati, OH	4.175	0.000		0.000		0.000		-		0.000	0.000	4.175	4.175
General Electric - F136 Transition	SS/CPFF	FET:Cincinnati, OH	100.400	0.000		0.000		0.000		-		0.000	0.000	100.400	100.400
General Electric - BOA	SS/ Various	FET:Cincinnati, OH	5.548	0.000		0.000		0.000		-		0.000	0.000	5.548	5.548

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD				PROJECT 653831: Joint Strike Fighter					
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
General Electric - Phase IIIb	SS/CPAF	FET:Cincinnati, OH	382.753	0.000		0.000		0.000		-		0.000	0.000	382.753	382.750
Systems Engineering	Various	Various:Various,	289.956	44.121	Nov 2011	15.601	Nov 2012	28.547	Nov 2013	-		28.547	99.915	478.140	
Subtotal			37,320.885	2,352.126		2,170.321		1,189.449		0.000		1,189.449	2,468.020	45,500.801	
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AFFTC/Eglin	Various	Various:Various,	102.435	14.298	Nov 2011	15.340	Oct 2012	5.416	Nov 2013	-		5.416	8.672	146.161	
ASC/AFRL	Various	ASC/AFRL:Wright Patterson AFB, OH	55.685	8.762	Nov 2011	8.255	Oct 2012	2.525	Nov 2013	-		2.525	5.475	80.702	
Bolling AFB	Various	Bolling AFB:Washington, DC	6.775	0.000		0.000		0.000		-		0.000	0.000	6.775	
DMEA	Various	DMEA:Wright Patterson, AFB, OH	5.630	0.000	Nov 2011	1.400	Nov 2012	0.000	Nov 2013	-		0.000	0.000	7.030	
ESC	Various	ESC:Hanscom AFB, MA	7.103	0.000	Nov 2011	0.511	Nov 2012	0.000	Nov 2013	-		0.000	0.000	7.614	
AEDC/Fuel	Various	Various:Various,	143.754	0.000	Nov 2011	23.266	Nov 2012	0.000	Nov 2013	-		0.000	0.000	167.020	
NADEP Jacksonville	Various	NADEP:Jacksonville, FL	7.880	0.000	Nov 2011	1.757	Oct 2012	0.000	Nov 2013	-		0.000	0.000	9.637	
Miscellaneous	Various	Various:Various,	226.696	51.771	Nov 2011	21.332	Nov 2012	37.488	Nov 2013	-		37.488	80.491	417.778	
NAWC China Lake	Various	NAWC WD:China Lake, CA	96.177	21.418	Nov 2011	24.833	Nov 2012	20.710	Nov 2013	-		20.710	51.927	215.065	
NAWC TSD	Various	NAWC TSD:Orlando, FL	9.680	0.000	Nov 2011	0.771	Nov 2012	0.000	Nov 2013	-		0.000	0.000	10.451	
NAWC Patuxent River	Various	NAWC AD:Patuxent River, MD	299.158	41.115	Nov 2011	42.672	Nov 2012	29.621	Nov 2013	-		29.621	100.346	512.912	
NSWC	Various	Various:Various,	3.813	0.000	Nov 2011	0.308	Nov 2012	0.000	Nov 2013	-		0.000	0.000	4.121	
SPAWAR	Various	Various:Various,	8.434	0.000	Nov 2011	0.032	Nov 2012	0.000	Nov 2013	-		0.000	0.000	8.466	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>						R-1 ITEM NOMENCLATURE PE 0604800F: <i>F-35 - EMD</i>						PROJECT 653831: <i>Joint Strike Fighter</i>			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SBIR Technology Insertion Congressional Add	Various	Various:Various,	24.187	0.000		0.000		0.000		-		0.000	0.000	24.187	
DFAS	Various	Various:Various,	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	
Subtotal			997.407	137.364		140.477		95.760		0.000		95.760	246.911	1,617.919	
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
NAWC Patuxent River	Various	NAWC AD:Patuxent River, MD	301.964	74.780	Nov 2011	115.186	Nov 2012	153.350	Nov 2013	-		153.350	318.568	963.848	
NAWC China Lake	Various	NAWC WD:China Lake, CA	26.630	7.581	Nov 2011	5.829	Nov 2012	3.820	Nov 2013	-		3.820	9.249	53.109	
Edwards AFB	Various	Edwards AFB:Edwards AFB, CA	340.541	23.905	Nov 2011	82.500	Nov 2012	130.000	Nov 2013	-		130.000	263.000	839.946	
Other (including Classified PIDs)	Various	Various:Various,	26.080	30.757	Nov 2011	56.449	Nov 2012	61.803	Nov 2013	-		61.803	137.987	313.076	
JITC	Various	JITC:Various,	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	
WEPS/Eglin	Various	WEPS:Eglin AFB, FL	27.829	0.000	Nov 2011	0.000		0.000		-		0.000	0.000	27.829	
OT - AFOTEC/AFFTC	Various	OT AFOTEC/AFFTC:Various,	93.604	15.383	Nov 2011	108.518	Nov 2012	32.740	Nov 2013	-		32.740	344.578	594.823	
OT - JITC/OPTEV	Various	OT JITC/OPTEV:Various,	6.211	0.000	Nov 2011	5.776	Oct 2012	0.000	Nov 2013	-		0.000	0.100	12.087	
Subtotal			822.859	152.406		374.258		381.713		0.000		381.713	1,073.482	2,804.718	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD				PROJECT 653831: Joint Strike Fighter					
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Business Integration - Cost - ACT I	SS/CPFF	ACT I:Arlington, VA	5.700	2.903	Nov 2011	0.000	Dec 2012	0.000		-		0.000	1.681	10.284	18.731
Security - Mantech	C/FP	Mantech:Arlington, VA	50.978	10.500	Nov 2011	11.046	Dec 2012	11.600	Dec 2013	-		11.600	12.484	96.608	94.474
Autolog - SEIT - DRC	C/CPFF	DRC:Arlington, VA	5.916	0.000		0.000		0.000		-		0.000	0.000	5.916	
Chief Engineer - First Principles	C/CPFF	First Principles:Arlington, VA	3.016	1.988	Nov 2011	1.136	Nov 2012	1.128	Dec 2013	-		1.128	3.190	10.458	11.852
ASC Civilian Pay	Various	ASC:Wright Patterson AFB, OH	0.000	14.564	Nov 2011	35.724	Oct 2012	18.586	Oct 2013	-		18.586	76.779	145.653	
Operations - Wyle	C/CPFF	Wyle:Arlington, VA	90.871	20.774	Nov 2011	3.305	Dec 2012	4.704	Dec 2013	-		4.704	27.429	147.083	193.907
Operations - SAFTAS	C/CPAF	SAFTAS:Arlington, VA	101.734	20.529	Nov 2011	0.000	Dec 2012	3.350	Dec 2013	-		3.350	33.778	159.391	192.329
Operations - Stanley	C/CPFF	Stanley:Arlington, VA	159.020	22.350	Nov 2011	22.051	Dec 2012	24.604	Dec 2013	-		24.604	35.090	263.115	268.705
Operations- TBD	C/CPAF	TBD:Arlington, VA	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	
GE F136 Congressional Studies	Various	Various:Various,	0.800	0.000		0.000		0.000		-		0.000	0.000	0.800	
Travel and Misc	Various	Various:Various,	14.499	0.000	Nov 2011	0.000	Oct 2012	0.000	Nov 2013	-		0.000	17.652	32.151	
PMA Cost	Various	Various:Various,	0.000	0.000		45.075	Oct 2012	46.428	Oct 2013	-		46.428	0.000	91.503	
Subtotal			432.534	93.608		118.337		110.400		0.000		110.400	208.083	962.962	
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Subtotals			39,573.685	2,735.504		2,803.393		1,777.322		0.000		1,777.322	3,996.496	50,886.400	
Other Service Funding Adjustment			22,124.599	1,369.357		1,610.887		994.987		-		994.987	2,635.387	28,735.217	-
Project Cost Totals			39,573.685	1,366.147		1,192.506		782.335		0.000		782.335	3,996.496	50,886.400	
Remarks															
NOTE 1: Prior Years reflect \$17,449.086M USAF/\$16,874.804M USN/ 602.142 USMC / \$4,647.653M International/Total \$39,573.685M															
FY 2012 reflects \$1,366.147 USAF/\$605.998M USN/\$617.695M USMC/\$145.664M International/Total \$2,735.504M															

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force							DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD			PROJECT 653831: Joint Strike Fighter			
	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract	
FY 2013 reflects \$1,192.506M USAF/\$724.392M USN/\$737.149M USMC/\$149.346M International/Total \$2,803.393M										
FY 2014 reflects \$782.335M USAF/\$507.753M USN/\$482.823M USMC/\$4.411M International/Total \$1,777.322M										
NOTE 2:R-2A/R-3 displays total combined service(i.e. not Service-specific, including International partners, funding for JSF Engineering and Manufacturing Development (EMD) and JSF Deployability and Suitability Enhancements(D&S).										
JSF EMD Includes: USAF PE 0604800F BPAC 653831 USN PE 0604800N Project Unit 2261 USMC PE 0604800M Project Unit 2262										
D&S Includes: USAF PE 0604800F BPAC 653832 USN PE 0604800N Project Unit 3352 USMC PE 0604800M Project Unit 3350										
JSF FoD includes: USAF: PE 0207142F BPAC 675346 USN: FY13 PE 0604800N BPAC 2261 USN: FY14 PE 0604800N BPAC 3353 USMC: FY13 PE 0604800M BPAC 2262 USMC: FY14 PE 0604800M BPAC 3351										

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 5: System Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

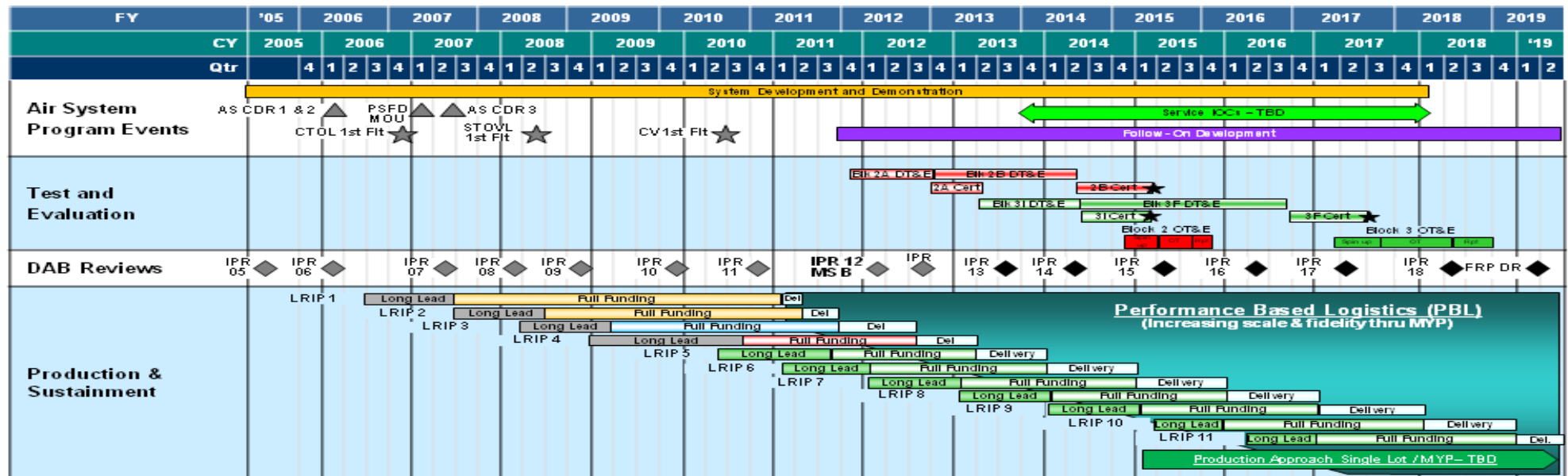
PE 0604800F: F-35 - EMD

PROJECT

653831: Joint Strike Fighter



F-35 Program Top Level Schedule Distro A



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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604800F: <i>F-35 - EMD</i>	PROJECT 653831: <i>Joint Strike Fighter</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Test & Evaluation: Block 2A DT&E/Cert	1	2012	3	2013
Test & Evaluation: Block 2B DT&E/Cert	1	2013	2	2015
Test & Evaluation: Block 3I DT&E/Cert	3	2013	2	2015
Test & Evaluation: Block 3F DT&E/Cert	3	2014	3	2017
Test & Evaluation: Initial Operational Test and Evaluation (IOT&E)	1	2015	4	2018
System Development Reviews: Interim Program Review (IPR) FY12-1	2	2012	2	2012
System Development Reviews: Interim Program Review (IPR) FY12-2	4	2012	4	2012
System Development Reviews: Interim Program Review (IPR) FY13	4	2013	4	2013
System Development Reviews: Interim Program Review (IPR) FY14	3	2014	3	2014
System Development Reviews: Interim Program Review (IPR) FY15	3	2015	3	2015
System Development Reviews: Interim Program Review (IPR) FY16	3	2016	3	2016
System Development Reviews: Interim Program Review (IPR) FY17	3	2017	3	2017
System Development Reviews: Interim Program Review (IPR) FY18	3	2018	3	2018

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD				PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT	0.000	0.000	17.800	34.000	-	34.000	33.000	30.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note												
NOTE: R-2A costs shown above reflect service funding only.												
R-2A(section B)/R-3 displays total combined service funding (i.e. not service specific), including International partners, for JSF Engineering and Manufacturing Development (EMD) and JSF Deployability and Suitability Enhancements (D&S).												
JSF EMD Includes: USAF PE 0604800F BPAC 653831 USN PE 0604800N Project Unit 2261 USMC PE 0604800M Project Unit 2262												
D&S Includes: USAF PE 0604800F BPAC 653832 USN PE 0604800N Project Unit 3352 USMC PE 0604800M Project Unit 3350												
JSF FoD includes: USAF: PE 0207142F BPAC 675346 USN: FY13 PE 0604800N BPAC 2261 USN: FY14 PE 0604800N BPAC 3353 USMC: FY13 PE 0604800M BPAC 2262 USMC: FY14 PE 0604800M BPAC 3351												

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD	PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT
A. Mission Description and Budget Item Justification		
Funds enhancements to the deployability and suitability of the air system such as low observable (LO) maintenance enhancements, security architecture updates, and integrated training simulators. These enhancements will provide vital on-demand support to the war-fighter within a deployed environment and are not funded via the existing System Development and Demonstration (SDD) program or tied to Block 4 Operational Fight Program (OFP) development. Funding will result in achieving targeted suitability, maintainability, and affordability returns employing the F-35 in deployed or austere locations. -Funding at the accomplishment/planned program level is reported as the total of all services as these activities support all aircraft variants. The annual funding contribution between the USN and USMC is approximately equal. BA5 - This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.		
B. Accomplishments/Planned Programs (\$ in Millions)		
		FY 2012
		FY 2013
		FY 2014
Title: Sustainment and Capability Enhancements		0.000
Description: Apply disciplined systems engineering, refinement of requirements, develop and acquire suitability and maintainability of the air system such as decentralized maintenance capabilities, LO maintenance enhancements, security architecture updates, and integrated training simulators.		17.800
FY 2013 Plans: Initiate disciplined systems engineering, requirements decomposition, technology maturation, and development of suitability and deployability enhancements.		56.867
FY 2014 Plans: Conduct systems engineering, technology maturation, integration and test planning for Deployability and Suitability enhancements.		
Title: Development Test and Evaluation		0.000
Description: Verification and testing for deployability and suitability enhancements		0.000
FY 2014 Plans: Initiate government test and evaluation of capability enhancements for Deployable Autonomic Logistics Information system, and Low Observable maintenance enhancements.		0.639
Title: Development Support		0.000
Description: Initiate SDD support efforts for airframe, air vehicle systems, mission systems, weapons integration, mission support, and autonomic logistics development activities.		0.000
		6.390

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD				PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2012	FY 2013	FY 2014
FY 2014 Plans: Initiate development enhancement support for Deployable Autonomic Logistics Information System, decentralized maintenance capabilities, Low Observable maintenance enhancements, security architecture updates, and integrated training simulators.												
Accomplishments/Planned Programs Subtotals										0.000	17.800	63.896
Other Service Funding Adjustment										-	-	29.896
Air Force Subtotals										0.000	17.800	34.000
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost	
• RD TEN: BA05: PE 0604800N: JSF SDD (CV)	605.998	724.392	507.753		507.753	570.181	450.625	254.021	23.023	Continuing	Continuing	
• RD TEN: BA05: PE 0604800M: JSF SDD (STOVL)	617.695	737.149	482.823		482.823	557.360	439.945	244.047	96.185	Continuing	Continuing	
• RD TEN:BA05: PE 0604800N: USRL, BPAC 3194	26.044	19.534	0.000		0.000	0.000	0.000	0.000	0.000	0.000	149.262	
• APAF: BA01: ATA000: JSF CTOL,PE 0207142F, BP10	3,289.615	3,124.302	3,060.770		3,060.770	3,921.250	5,188.155	5,250.891	5,850.477	150,878.750	189,907.778	
• APAF: BA01: Line Item # ATA000: JSF CTOL Advance Procurement, PE 0207142F, BP10 AP	228.977	293.400	363.783		363.783	482.795	509.828	578.000	588.404	18,585.140	22,633.855	
• APN: BA01: BP0147: JSF (CV), PE 204146N	1,447.097	1,007.632	1,135.444		1,135.444	1,082.046	1,468.775	2,054.690	2,532.068	26,737.969	45,618.677	
• APN: BA01: BP0147C: JSF Advance Procurement (CV), PE 204146N	109.066	65.180	94.766		94.766	132.063	185.904	246.779	190.141	3,364.677	5,219.579	
• APN: BA01: BP0152: JSF (STOVL), PE 204146M	1,141.906	1,404.737	1,267.260		1,267.260	1,209.937	1,461.056	2,125.324	2,814.618	29,224.711	41,203.070	
• APN: BA01: BP0152C: JSF Advance Procurement (STOVL),PE 204146M	117.229	106.199	103.195		103.195	143.887	203.057	226.014	136.732	4,095.291	5,755.765	

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force									DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD			PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT				
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• International Production: JSF International Production	1,808.640	3,453.903	5,738.517		5,738.517	7,563.725	8,328.889	8,153.307	7,347.293	Continuing	Continuing
• OPN: BA04: BP4265: JSF Other Procurement, PE 204261N	5.665	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	5.665
• OPN: BA03: BP4267: JSF Logistics Information Systems (ALIS), PE 204261N	0.000	3.826	4.827		4.827	4.554	4.604	5.729	5.830	43.558	72.928
• APAF: BA06: ATA000: JSF Initial Spares	149.556	181.833	103.582		103.582	235.183	271.211	235.251	342.508	Continuing	Continuing
• APN: BA06:BP0605: Initial Spares (CV), PE 204146N	29.902	41.466	42.060		42.060	17.310	32.270	121.283	63.995	Continuing	Continuing
• RDTE: BA05: PE 0604800F: JSF SDD, BPAC 653831	1,366.147	1,192.506	782.335		782.335	621.432	486.094	175.591	77.992	Continuing	Continuing
• APN: BA06: BP0605: Initial Spares (STOVL), PE 204146M	23.430	99.006	41.707		41.707	131.216	94.193	66.423	127.264	Continuing	Continuing
• RDTE: BA05: PE 604800M: F-35B Follow-on Development (STOVL), BPAC 3351	0.000	0.000	14.904		14.904	19.968	60.837	114.965	172.906	Continuing	Continuing
• APN: BA05: BP0592: Modifications (STOVL), PE 204146M	0.000	0.000	147.130		147.130	291.910	284.360	176.610	181.234	Continuing	Continuing
• MILCON: BA01: PE 207142F: JSF Military Construction	24.250	13.530	41.900		41.900	72.100	65.000	66.170	11.000	1,554.200	2,358.300
• USN MILCON: BA01: USN JSF MILCON	144.400	117.600	209.000		209.000	320.500	151.700	48.100	0.000	830.600	2,259.300
• APAF: BA05: F03500: JSF Modifications, PE 20742F, BP11	0.000	147.995	157.777		157.777	245.462	223.683	252.141	256.680	Continuing	Continuing
• RDTE: BA07: PE 207142F: JSF Follow-on Development (FoD), BPAC 675346	0.000	8.117	23.000		23.000	104.866	132.174	229.912	300.050	Continuing	Continuing
• International R&D: International R&D (SDD/FOD)	145.664	149.346	4.411		4.411	0.000	0.000	0.000	0.000	0.000	4,947.074

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force									DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD				PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• OPAF: BA01: 821800: Joint Strike Fighter, PE 0207152F	0.000	0.600	2.200		2.200	2.943	2.471	2.345	2.387	0.000	12.946
• RD TEN:BA05: PE 604800M: F-35B Sustainment/Capability Enhancements (STOVL), BPAC 3350	0.000	0.000	14.904		14.904	14.976	14.960	0.000	0.000	Continuing	Continuing
• RD TEN: BA05: PE 604800N: F-35C Sustainment/Capability Enhancements (CV), BPAC 3352	0.000	0.000	14.992		14.992	14.997	14.991	0.000	0.000	Continuing	Continuing
• RD TEN:BA05: PE 604800N: F-35C Follow-on Development (CV, BPAC 3353)	0.000	0.000	11.442		11.442	19.996	60.963	115.057	173.276	Continuing	Continuing
• RDTE: BA07:PE 207142F: Dual Capable Aircraft (DCA), BPAC 676011	9.682	0.000	10.000		10.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• APN: BA05: BP0593: Modifications (CV), PE 204146N	0.000	0.000	31.100		31.100	52.900	62.130	98.980	102.456	Continuing	Continuing
Remarks											
This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy and the Department of the Air Force and currently resides with the Navy. Program Element 0604800N/0604800M continues USN development efforts budgeted in 0603800N prior to FY2002. The United Kingdom and other International countries are participants in the SDD phase of JSF.											
Note: The USAF/USN/USMC PROCUREMENT line include Aircraft Procurement and Advanced Procurement only. Initial Spares and Repair Parts for all Services are reflected in separate lines. International Partner Funding includes funds provided under the Italy and Netherlands Bilateral agreements.											
RELATED RDT&E: Funding prior to JSF SDD (FY94-FY01): USN PE 0603800N \$1,950,617; USAF PE 0603800F \$1,907,352; DARPA PE 0603800E \$118,056; and International Partner contributions of \$253.921 for a total of \$4,229,896.											
D. Acquisition Strategy											
Implement JSF Joint Executive Steering Board (JESB)/Configuration Steering Board (CSB) approved enhancements to existing capabilities through existing contracts using the engineering change proposal process. When appropriate, new cost type contracts may be established.											

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604800F: <i>F-35 - EMD</i>	PROJECT 653832: <i>JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT</i>

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 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD						PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prime LM Deployability & Suitability Enhancements	SS/CPAF	LM:Ft Worth, TX	0.000	0.000		17.800	Jul 2013	56.867	Dec 2012	-		56.867	109.461	184.128	184.234
Subtotal			0.000	0.000		17.800		56.867		0.000		56.867	109.461	184.128	184.234
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	TBD	Various:Various,	0.000	0.000		0.000		6.390	Dec 2013	-		6.390	12.299	18.689	18.700
Subtotal			0.000	0.000		0.000		6.390		0.000		6.390	12.299	18.689	18.700
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	Various:Various,	0.000	0.000		0.000		0.639	Dec 2013	-		0.639	1.230	1.869	
Subtotal			0.000	0.000		0.000		0.639		0.000		0.639	1.230	1.869	
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All 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			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
			All Prior Years	FY 2012	FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract	
Cost Category Subtotals			0.000	0.000		17.800		63.896		0.000		63.896	122.990	204.686	
Other Service Funding Adjustment			-	-		-		29.896		-		29.896	59.990	89.886	-
Project Cost Totals			0.000	0.000		17.800		34.000		0.000		34.000	122.990	204.686	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force							DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD			PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT		
	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Remarks NOTE: R-2A/R-3 displays combined service funding for JSF Engineering Manufacturing and Development(EMD) and JSF Deployability and Suitability Enhancements (D&S). JSF EMD Includes: USAF PE 0604800F BPAC 653831 USN PE 0604800N Project Unit 2261 USMC PE 0604800M Project Unit 2262 D&S Includes: USAF PE 0604800F BPAC 653832 USN PE 0604800N Project Unit 3352 USMC PE 0604800M Project Unit 3350									

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 5: System Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

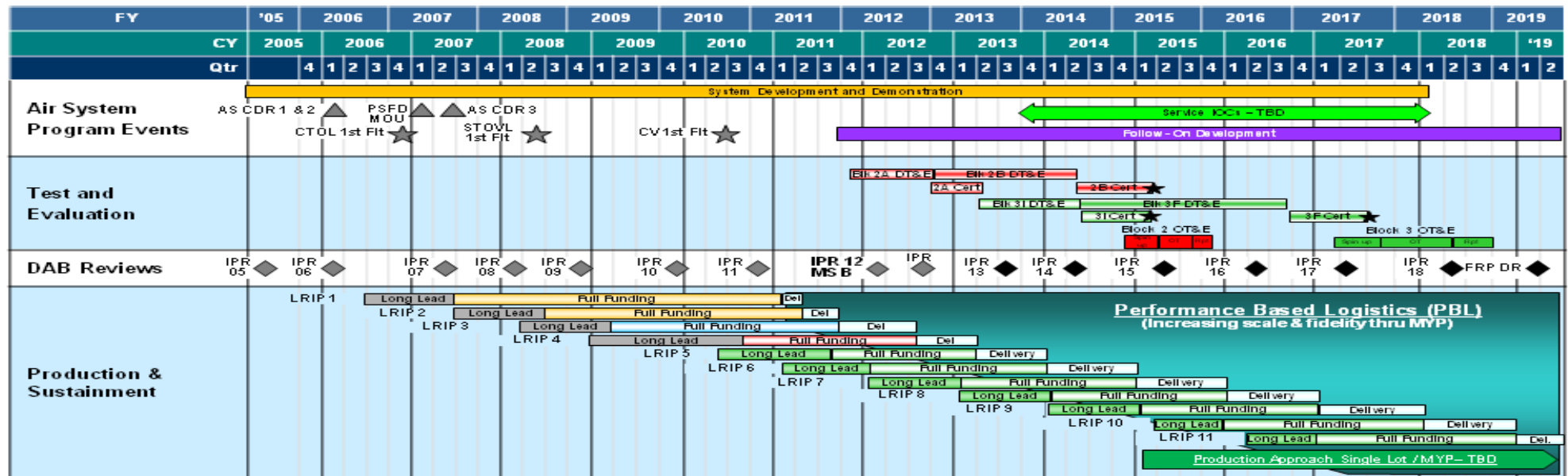
PE 0604800F: F-35 - EMD

PROJECT

653832: JSF DEPLOYABILITY AND
SUITABILITY ENHANCEMENT



F-35 Program Top Level Schedule Distro A



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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604800F: F-35 - EMD	PROJECT 653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Contract Award	3	2013	3	2013
Deployment and Suitability Enhancement Efforts	3	2013	4	2016