Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force

Date: February 2015

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 5: System

Development & Demonstration (SDD)

PE 0604800F / F-35 - EMD

COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	19,917.936	616.560	567.889	589.441	-	589.441	323.446	114.595	5.291	5.365	1,454.687	23,595.210
653831: Joint Strike Fighter	19,903.769	600.360	535.296	517.980	-	517.980	323.446	114.595	5.291	5.365	1,454.687	23,460.789
653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT	14.167	16.200	32.593	71.461	-	71.461	-	-	-	-	-	134.421

Program MDAP/MAIS Code: 198

### 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, primary air-to-ground aircraft 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 CTOL flight test article

FY08: 1 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 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

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.

PE 0604800F: F-35 - EMD

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force

Date: February 2015

Appropriation/Budget Activity

3600: Research, Development, Test & Evaluation, Air Force I BA 5: System

Development & Demonstration (SDD)

R-1 Program Element (Number/Name)

PE 0604800F / F-35 - EMD

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	<b>FY 2016 Base</b>	FY 2016 OCO	FY 2016 Total
Previous President's Budget	628.454	563.037	547.253	-	547.253
Current President's Budget	616.560	567.889	589.441	-	589.441
Total Adjustments	-11.894	4.852	42.188	-	42.188
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
Reprogrammings	-	-			
SBIR/STTR Transfer	-11.894	-			
Other Adjustments	-	4.852	42.188	-	42.188

### **Change Summary Explanation**

FY2015 increase: +\$4.976M was transferred from BA04 to BA05. -\$0.124M was transferred to higher AF priorities.

FY2016 increase: +\$42.188M was for Deployability & Suitability (D&S).

PE 0604800F: F-35 - EMD

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Exhibit R-2A, RDT&E Project Ju	stification:	PB 2016 A	ir Force						Date: February 2015				
Appropriation/Budget Activity 3600 / 5		, , ,					Number/Name) Joint Strike Fighter						
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost	
653831: Joint Strike Fighter	19,903.769	600.360	535.296	517.980	-	517.980	323.446	114.595	5.291	5.365	1,454.687	23,460.789	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

#### Note

Total cost including USN, USMC, International partner contributions and USAF funding are: FY14 \$1,414.340M, FY15 \$1,522.627M, and FY16 \$1,508.688M. R-2 data reflects variant unique funding only.

R-2A table shown above reflects service funding only.

R-2A (section B)/R-3 displays total combined program (i.e. not Service specific), including International partners.

#### F-35 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

#### F-35 FoD includes:

USAF: PE 0207142F BPAC 675346 USN: FY13 PE 0604800N BPAC 2261 USN: FY14 PE 0604800N BPAC 3353 USN: FY15 PE 0604810N BPAC 2936 USMC: FY13 PE 0604800M BPAC 2262 USMC: FY14 PE 0604800M BPAC 3351 USMC: FY15 PE 0604810M BPAC 2935

### A. Mission Description and Budget Item Justification

The F-35 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, primary air-to-ground aircraft for the Air Force to replace the F-16 and A-10 and complement the

PE 0604800F: F-35 - EMD

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
3600 <i>l</i> 5	PE 0604800F / F-35 - EMD	653831 <i>I J</i>	oint Strike Fighter

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.

The top-line Program element reflects the unique variant for each Service. 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 USN and USAF use.

FY07: 1 CTOL flight test article

FY08: 1 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 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

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. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016
Title: System Development and Demonstration (SDD) (F-35 JSF)	825.92	777.318	799.105
<b>Description:</b> SDD execution of the Air System (Lockheed Martin) including International Commonality Effort; inc vehicle and mission systems, autonomic logistics, systems engineering & test efforts.	ludes airframe,		
<b>FY 2014 Accomplishments:</b> Continued SDD execution of the Air System with Lockheed Martin, including International Commonality Effort whi airframe, vehicle systems, mission systems, autonomic logistics, systems engineering, and integrated test efforts to IMS in accordance with variant IOC.			
FY 2015 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: F	ebruary 2015	
Appropriation/Budget Activity 3600 / 5	R-1 Program Element (Number/Name) PE 0604800F / F-35 - EMD		Number/Nu		
B. Accomplishments/Planned Programs (\$ in Millions)		F	Y 2014	FY 2015	FY 2016
Continue SDD execution of the Air System with Lockheed Martin, in airframe, vehicle systems, mission systems, autonomic logistics, sy to IMS in accordance with variant IOC.	•				
FY 2016 Plans: Continue SDD execution of the Air System with Lockheed Martin, in airframe, vehicle systems, mission systems, autonomic logistics, sy to IMS in accordance with variant IOC.					
Title: F135 Propulsion System (F-35 JSF)			148.826	195.378	177.048
<b>Description:</b> SDD execution of the F135 Propulsion System (Pratt testing, autonomic logistics, integration & performing technology ma		ncludes			
FY 2014 Accomplishments: Continued SDD execution of the F135 Propulsion System with Pratiintegration and performing technology maturation efforts.	t & Whitney that included engine testing, autonomic logis	stics,			
FY 2015 Plans: Continue SDD execution of the F135 Propulsion System with Pratt of integration and performing technology maturation efforts.	& Whitney that includes engine testing, autonomic logisti	cs,			
FY 2016 Plans: Continue SDD execution of the F135 Propulsion System with Pratt of integration and performing technology maturation efforts.	& Whitney that includes engine testing, autonomic logisti	cs,			
Title: Systems Engineering (SE) (F-35 JSF)			22.212	24.310	25.02 <sup>-</sup>
<b>Description:</b> SDD Systems Engineering (SE) including systems op requirements integration, and interoperability support.	erations requirements analysis, program integration,				
FY 2014 Accomplishments: Continued SDD Systems Engineering that included systems operation, and interoperability support.	ions requirements analysis, program integration, require	ments			
FY 2015 Plans: Continue SDD Systems Engineering that includes systems operation integration, and interoperability support.	ons requirements analysis, program integration, requirem	ents			
FY 2016 Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: F	ebruary 2015			
Appropriation/Budget Activity 3600 / 5	R-1 Program Element (Number/Name) PE 0604800F / F-35 - EMD		Project (Number/Name) 653831 / Joint Strike Fighter				
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2014	FY 2015	FY 2016		
Continue SDD Systems Engineering that includes systems operations reintegration, and interoperability support.	equirements analysis, program integration, requirem	ents					
Title: Development Test & Evaluation (DT&E) (F-35 JSF)			308.406	384.711	399.122		
<b>Description:</b> Government DT&E/Operational Testing (OT) in support of preparation for flight testing and weapons integration testing.	first flight of test aircraft. Elements of DT&E include	•					
FY 2014 Accomplishments: Continued government DT&E/OT in support of test aircraft. Continue flig to expand the air vehicle envelope to support mission systems testing to preparation for flight testing, weapons integration testing, and componer	include initial Block 2B. Elements of DT&E include	nts					
FY 2015 Plans: Continue government DT&E/OT. Continue flight sciences testing of CTG envelope to support mission systems testing. Elements of DT&E include capabilities testing.							
FY 2016 Plans:							
Continue government DT&E/OT. Continue flight sciences testing of CTO envelope to support mission systems testing. Elements of DT&E include capabilities testing.	· · · · · · · · · · · · · · · · · · ·						
Title: Development Support (F-35 JSF)			108.971	140.910	108.392		
<b>Description:</b> SDD Support efforts for airframe, air vehicle systems, miss autonomic logistics development activities.	sion systems, weapons integration, mission support	and					
FY 2014 Accomplishments: Continued SDD support efforts for airframe, air vehicle systems, mission autonomic logistics development activities.	n systems, weapons integration, mission support, an	d					
FY 2015 Plans: Continue SDD support efforts for airframe, air vehicle systems, mission autonomic logistics development activities. Development Support decre services.							
FY 2016 Plans:							

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Exhibit R-2A, RDT&E Project Justi	fication: PB	3 2016 Air Fo	orce						Date: Fe	bruary 2015		
Appropriation/Budget Activity 3600 / 5					Program Ele 604800F / F-		ber/Name)		Project (Number/Name) 653831 / Joint Strike Fighter			
B. Accomplishments/Planned Pro	grams (\$ in	Millions)							FY 2014	FY 2015	FY 2016	
Continue SDD support efforts for air autonomic logistics development act services.												
				Acco	mplishment	s/Planned I	Programs Su	ubtotals	1,414.340	1,522.627	1,508.68	
					С	ther Service	Funding Adj	ustment	813.980	987.331	990.70	
	ıbtotals	600.360	535.296	517.98								
C. Other Program Funding Summa	arv (\$ in Mill	ions)										
	• • • • • • • • • • • • • • • • • • • •	<i>T</i>	FY 2016	FY 2016	FY 2016					Cost To		
<u>Line Item</u>	FY 2014	FY 2015	<u>Base</u>	<u>000</u>	<u>Total</u>	FY 2017	FY 2018	FY 201	9 FY 2020	Complete	Total Co	
• RDTEN: BA05: PE	409.421	485.263	467.759	-	467.759	443.185	45.436	0.57	4 0.615	-	19,832.61	
604800N: JSF SDD (CV)												
• RDTEN: BA05: PE	394.248	487.068	505.949	-	505.949	398.976	87.145	8.01	4 8.473	-	3,692.65	
604800M: JSF SDD (STOVL)												
• APAF: BA01: Line Item # ATA000:	2,889.602	3,691.046	5,260.212	-	5,260.212	5,356.041	6,109.330	6,023.68	8 5,526.504	-	50,007.07	
JSF CTOL,PE 207142F, BP10	4 000 445	0.40 550	007.540		007.540	0.40.050	4 047 500	4 400 00	0 4 000 000	00 704 004	E4 00E E6	
• APN: BA01: Line Item #	1,028.415	848.552	897.542	-	897.542	848.056	1,217.562	1,496.30	3 1,606.088	32,734.961	51,085.53	
0147: <i>JSF (CV), PE 204146N</i> • APN: BA01: Line Item	79.016	29.400	48.630		48.630	91.908	111.898	126.00	3 20// 132	3,733.206	5 710 33	
# 0147C: JSF Advance	79.010	29.400	40.030	-	40.030	91.900	111.090	120.00	3 204.132	3,733.200	3,7 13.32	
Procurement (CV),PE 204146N												
• APAF: BA01:ATA000: <i>JSF</i>	339.533	291.880	460.260	_	460.260	528.560	522.180	497.72	0 506.000	19,787.624	24.451.22	
CTOL Advance Procurement.										,	,	
PE 207142F, BP10 AP												
APN: BA01: Line Item #0152:	1,172.248	1,184.410	1,483.414	-	1,483.414	2,049.754	2,713.087	2,796.12	9 2,810.155	26,147.806	43,146.85	
JSF (STOVL), PE 204146M												
• APN: BA01: 0152C: <i>JSF Advance</i>	103.195	143.885	203.060	-	203.060	226.148	136.872	139.56	2 142.353	2,900.408	4,834.93	
Procurement (STOVL),PE 204146M												
• International 2:	1,954.600	2,975.641	4,175.668	-	4,175.668	6,006.257	7,809.829	7,962.29	8 7,166.485	Continuing	Continuir	
International Production		74 704	04.000		04.000	040 400	04.000	404.00	0 440.000	040 400	4 000 4	
• OPN: USMC: <i>F-35 B Milcon</i>	- 200	71.704	21.960	-	21.960	219.100	64.660	121.99	0 119.800	642.400		
OPN: BA03: 4267: JSF     Logistics Information	3.389	=	-	-	-	-	-	-	-	-	19.10	
Systems (ALIS), PE 204261N												
Systems (ALIS), FE 20420 IN												

PE 0604800F: *F-35 - EMD* 

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Exhibit R-2A, RDT&E Project Justi	iloation: 1 B	201071110		D 4 D-		4 / N     -	/NI N	Dunain at (		oruary 2015	
Appropriation/Budget Activity 3600 / 5					ogram Elen 04800F / <i>F-</i> 3	nent (Numb 35 - EMD	er/Name)		Number/Na Joint Strike		
C. Other Program Funding Summa	ry (\$ in Milli	ons)		,							
			FY 2016	FY 2016	FY 2016					Cost To	
<u>Line Item</u>	FY 2014	FY 2015	Base	<u>000</u>	<u>Total</u>	FY 2017	FY 2018	FY 2019		Complete	
<ul> <li>OPN: BA 03; 4268: JSF Aviation</li> </ul>	-	5.516	3.893	-	3.893	2.136	3.909	3.774	3.854	Continuing	Continuing
Support Equipment ALIS Ship Alts											
<ul> <li>OPN:BP 902010 BA 03:</li> </ul>	1.010	1.576	2.946	-	2.946	1.948	1.940	1.957	1.995	Continuing	Continuing
ALIS Spares and Repair Parts											
<ul> <li>APAF: BA06: Line Item</li> </ul>	91.414	236.418	238.673	-	238.673	245.991	326.971	368.702	372.588	-	-
# F03500: <i>JSF Initial</i>											
Spares, PE 0207142F, BP16											
• APN: BA06: 0605: Initial	25.809	28.200	59.914	-	59.914	58.795	42.726	35.247	38.394	-	-
Spares (CV), PE 204146N											
<ul> <li>APN: BA06: 0605: Initial</li> </ul>	88.304	64.194	111.569	_	111.569	76.703	29.756	100.362	136.763	-	-
Spares (STOVL), PE 204146M											
• MILCON: BA01: PE 207142F:	56.000	66.700	132.850	-	132.850	124.000	-	-	-	1,328.000	2,238.05
JSF Military Construction										,	•
• USN MILCON: BA01: <i>USN</i>	_	60.200	72.460	_	72.460	11.800	_	_	_	_	144.46
JSF Military Construction											
• MILCON: BA01: PE 207597F:	_	_	65.400	_	65.400	34.000	18.900	21.000	_	_	139.30
JSF Military Construction											
• RDT&E: BA07: PE 027142F:	3.000	24.477	110.428	_	110.428	243.520	311.476	334.116	340.093	Continuing	Continuin
JSF Follow-on Development	0.000								0.0.000		
(FoD), BPAC 675346											
• RDT&E: BA07: PE	_	15.615	4.967	_	4.967	25.795	27.770	37.681	49 575	Continuing	Continuin
0207142F: Dual Capable		10.010	1.007		1.007	20.700	27.770	07.001	10.070	Continuing	Continuin
Aircraft (DCA), BPAC 676011											
• International: International SDD	10.311	15.000	17.000	_	17.000	22.000	27.450	_	_	Continuing	Continuin
• International 3: International FoD	0.610	21.086	79.318	_	79.318	128.965	157.602	169.315	171 636	Continuing	
• OPAF: BA01: 821800: <i>Joint</i>	1.431	4.463	3.858	_	3.858	2.333	2.374	2.415	17 1.030	Continuing	
Strike Fighter, PE 0207142F	1.431	4.403	3.030	-	3.030	2.333	2.374	2.413	-	Continuing	Continuin
• APN: BA05: BP0593:	20.050	20 502	68.527	_	68.527	47.294	50.707	17.214	17 101	Continuing	Continuin
	29.950	20.502	00.327	-	00.527	41.294	50.707	17.214	17.404	Continuing	Continuin
Modifications (CV), PE 204146N	16 000	20 500	74 464		74 464						404.40
• RDTE: BA05: PE 0604800F:	16.200	32.593	71.461	-	71.461	-	-	-	-	-	134.42
JSF Deployability and Suitability											
Enhancements, BPAC 653832											

PE 0604800F: *F-35 - EMD* 

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force												
Appropriation/Budget Activity 3600 / 5					ogram Eler 04800F / F-3	ment (Numb 35 - EMD	er/Name)		Number/Na Joint Strike			
C. Other Program Funding Summar	ry (\$ in Milli	ons)										
			FY 2016	FY 2016	FY 2016					<b>Cost To</b>		
<u>Line Item</u>	FY 2014	FY 2015	Base	OCO	<u>Total</u>	FY 2017	FY 2018	FY 2019	FY 2020	Complete	<b>Total Cost</b>	
• RDTEN: BA05: PE 604800M:	14.332	11.980	31.952	-	31.952	-	-	-	-	-	58.264	
F-35B Sustainment/												
Capability Enhancements												
(STOVL), BPAC 3350												
• RDTEN: BA05: PE 604800N,	14.419	16.997	36.977	-	36.977	-	-	-	-	-	68.393	
BPAC 3352: F-35C Sustainment/												
Capability Enhancements (CV)												
• RDTEN:BA05: PE 604810M:	-	10.399	59.265	-	59.265	120.028	157.257	168.502	171.946	Continuing	Continuing	
F-35B Follow-on Development												
(STOVL), BPAC 2935	4.500										4 500	
• RDTEN:BA05 PE0604800N:	1.500	-	-	-	-	-	-	-	-	-	1.500	
CVF-35 Follow-on-Development												
(CV) RDTE FoD CDD C261	444 450	045 040	050 400		050 400	470.004	475.050	40.750	47.044	0 1: :	0 1: :	
• APN: BA05: BP0592: Modifications	111.158	215.819	256.106	-	256.106	170.624	175.250	16.752	17.641	Continuing	Continuing	
(STOVL), PE 204146M • RDTEN:BA05: PE		10.622	47.579		47.579	103.564	134.250	145.580	140 075	Continuing	Continuina	
0604810N: <i>F-35C Follow-on</i>	-	10.022	47.579	-	47.579	103.304	134.230	143.360	140.973	Continuing	Continuing	
Development (CV), BPAC 2936												
• APAF: BA05: F03500: <i>JSF</i>	126.777	187.646	70.167	_	70.167	310.237	294.229	260.071	250 701	Continuing	Continuina	
Modifications, PE 20742F, BP11	120.777	107.040	70.107		70.107	310.231	234.223	200.07 1	255.751	Continuing	Continuing	
• RDTEN:BA05 PE0604800M:	1.500	_	_	_	_	_	_	_	_	_	_	
CVF-35 Follow-on-Development	1.000											
(STOVL) RDTE FoD CDD C260												
_ (5.572) (5.572)												

#### 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.

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Air Force

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

Appropriation/Budget Activity
3600 / 5

R-1 Program Element (Number/Name)
PE 0604800F / F-35 - EMD

PE 0604800F / F-35 - EMD

Date: February 2015

R-1 Program Element (Number/Name)
653831 / Joint Strike Fighter

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

FY 2016 FY 2016 FY 2016

Cost To

Line Item FY 2014 FY 2015 Base OCO Total FY 2017 FY 2018 FY 2019 Complete Total Cost 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.

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.

#### **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 0604800F: F-35 - EMD

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

Date: February 2015

Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name)

3600 / 5 PE 0604800F / F-35 - EMD 653831 / Joint Strike Fighter

Product Developmen	it (\$ in Mi	illions)		FY 2014		FY 2015			2016 ase	FY 2016 OCO		FY 2016 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	Total Cost	Target Value of Contract
Lockheed Martin - SDD	C/CPAF	Lockheed Martin : Ft. Worth, TX	31,070.274	825.130	Dec 2013	673.983	Dec 2014	799.105	Dec 2015	-		799.105	1,065.949	34,434.441	27,535.63
Lockheed Martin - IDIQ D0022	SS/ Various	Lockheed Martin : Ft. Worth, TX	27.025	0.120	Dec 2014	-		-		-		-	-	27.145	85.000
Lockheed Martin - IDIQ 0005	SS/ Various	Lockheed Martin : Ft. Worth, TX	2.230	0.675	Dec 2013	1.200		-		-		-	-	4.105	-
Lockheed Martin - IDIQ D0009	SS/ Various	Lockheed Martin : Ft. Worth, TX	16.759	-		-		-		-		-	-	16.759	68.500
Lockheed Martin - BOA	SS/ Various	Lockheed Martin : Ft. Worth, TX	3.511	-		102.000		-		-		-	-	105.511	30.000
Lockheed Martin - LRIP 0003	SS/CPFF	Lockheed Martin : Ft. Worth, TX	0.000	-	Dec 2014	0.135		-		-		-	-	0.135	0.135
Pratt & Whitney - SDD	SS/CPAF	Pratt &Whitney : Hartford, CT	7,518.892	148.826	Dec 2013	195.378	Dec 2014	177.048	Dec 2015	-		177.048	55.381	8,095.525	6,810.646
Pratt & Whitney - Close Out Contract C0132	SS/CPFF	Pratt &Whitney : Hartford, CT	1.364	-		-		-		-		-	-	1.364	1.364
Pratt & Whitney - CDP Close Out Contract C0050	SS/CPAF	Pratt &Whitney : Hartford, CT	2.211	-		-		-		-		-	-	2.211	2.211
Pratt & Whitney - BOA	SS/CPFF	Pratt &Whitney : Hartford, CT	35.983	-		-		-		-		-	-	35.983	35.983
Pratt & Whitney - IDIQ	SS/ Various	Pratt &Whitney : Hartford, CT	10.925	-		-		-		-		-	-	10.925	10.925
General Electric - SDD	SS/ Various	FET : Cincinnati, OH	2,160.573	-		-		-		-		-	-	2,160.573	2,415.492
General Electric - IDIQ D0009	SS/ Various	FET : Cincinnati, OH	0.264	-		-		-		-		-	-	0.264	0.264
General Electric - IDIQ D0074	SS/ Various	FET : Cincinnati, OH	4.175	-		-		-		-		-	-	4.175	4.175
General Electric - F136 Transition	SS/CPFF	FET : Cincinnati, OH	100.400	-		-		-		-		-	-	100.400	100.400
General Electric - BOA	SS/ Various	FET : Cincinnati, OH	5.548	-		-		-		-		-	-	5.548	5.548

PE 0604800F: *F-35 - EMD* 

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

Date: February 2015

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

Project (Number/Name)

3600 / 5 PE 0604800F / F-35 - EMD 653831 Î Joint Strike Fighter

Product Developme	nt (\$ in M	illions)		FY 2014		FY 2	2015	FY 2 Ba	2016 ise	FY 2016 OCO		FY 2016 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
General Electric - Phase IIIb	SS/CPAF	FET : Cincinnati, OH	382.753	-		-		-		-		-	-	382.753	382.750
Systems Engineering	Various	Various : Various,	380.697	18.473	Nov 2013	22.367	Nov 2014	22.646	Nov 2015	-		22.646	14.366	458.549	-
		Subtotal	41,723.584	993.224		995.063		998.799		-		998.799	1,135.696	45,846.366	<i>-</i>
Support (\$ in Million	s)			FY	2014	FY 2	2015	FY 2 Ba			2016 CO	FY 2016 Total			

Support (\$ in Millions	s)			FY 2	2014	FY 2	2015		2016 ase		2016 CO	FY 2016 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
AFFTC/Eglin	Various	Various : Various,	112.290	9.690	Nov 2013	7.712	Nov 2014	6.244	Nov 2015	-		6.244	6.752	142.688	-
AFLCMC/AFRL	Various	AFLCMC/AFRL : Various,	61.065	1.834	Nov 2013	1.927	Nov 2014	3.565	Nov 2015	-		3.565	1.228	69.619	-
Bolling AFB	Various	Bolling AFB : Washington, DC	6.775	-		-		-		-		-	-	6.775	-
DMEA	Various	DMEA : Wright Patterson, AFB, OH	5.630	-		-		-		-		-	-	5.630	-
ESC	Various	ESC : Various,	7.103	-		-		-		-		-	-	7.103	-
AFTOC/Fuel	Various	Various : Various,	155.502	16.158	Nov 2013	37.073	Dec 2014	20.115	Nov 2015	-		20.115	-	228.848	-
NADEP Jacksonville	Various	NADEP : Jacksonville, FL	9.525	-	Nov 2013	-		-		-		-	-	9.525	-
Miscellaneous	Various	Various : Various,	85.874	13.432	Nov 2013	28.843	Nov 2014	22.315	Nov 2015	-		22.315	19.245	169.709	-
NAWC China Lake	Various	NAWC WD : China Lake, CA	115.896	24.450	Nov 2013	17.306	Nov 2014	18.659	Nov 2015	-		18.659	11.536	187.847	-
NAWC TSD	Various	NAWC TSD : Orlando, FL	11.609	-		-		-		-		-	-	11.609	-
NAWC Patuxent River	Various	NAWC AD : Patuxent River, MD	344.363	24.711	Nov 2013	35.420	Nov 2013	27.994	Nov 2015	-		27.994	18.104	450.592	-
NSWC	Various	Various : Various,	3.813	-		-		-		-		-	-	3.813	-
SPAWAR	Various	Various : Various,	8.434	-		-		-		-		-	-	8.434	-
SBIR Technology Insertion Congressional Add	Various	Various : Various,	24.187	-		-		-		-		-	-	24.187	-
DFAS	Various	Various : Various,	0.000	-		-		-		-		-	-	-	-

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Exhibit R-3, RDT&E P	roject C	ost Analysis: PB 2	2016 Air F	orce								Date:	February	2015	
<b>Appropriation/Budge</b> 3600 / 5	t Activity	1					ogram Ele 4800F <i>I F</i>		lumber/Na 'D	ame)	_	(Number	,	er	
Support (\$ in Millions	s)			FY 2	2014	FY 2	2015		2016 ase		2016 CO	FY 2016 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	Total Cost	Target Value of Contract
	7,	Subtotal	952.066	90.275		128.281		98.892		-		98.892	56.865	1,326.379	-
Test and Evaluation (	\$ in Milli	ons)		FY 2	2014	FY 2	2015		2016 ase		2016 CO	FY 2016 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	Total Cost	Target Value of Contract
NAWC Patuxent River	Various	NAWC AD : Patuxent River, MD	497.459	94.849	Nov 2013	128.007	Nov 2014	172.360	Nov 2015	-		172.360	-	892.675	-
NAWC China Lake	Various	NAWC WD : China Lake, CA	35.213	2.735	Nov 2013	2.383	Nov 2014	2.383	Nov 2015	-		2.383	2.383	45.097	-
Edwards AFB	Various	Edwards AFB : Edwards AFB, CA	484.744	64.769	Nov 2013	69.390	Nov 2014	73.535	Nov 2015	-		73.535	13.101	705.539	-
Other (including Classified PIDs)	Various	Various : Various,	112.744	57.117	Nov 2013	65.161	Nov 2014	55.204	Dec 2015	-		55.204	4.134	294.360	-
JITC	Various	JITC : Various,	0.000	-		-		-		-		-	-	-	-
WEPS/Eglin	Various	WEPS : Eglin AFB, FL	27.829	-		-		-		-		-	-	27.829	-
OT - AFOTEC/AFFTC	Various	OT AFOTEC/ AFFTC : Various,	129.427	28.601	Nov 2013	65.060	Nov 2014	35.600	Nov 2015	-		35.600	173.208	431.896	-
OT - JITC/OPTEV	Various	OT JITC/OPTEV : Various,	8.363	7.988	Nov 2013	20.709	Nov 2014	24.414	Nov 2015	-		24.414	15.565	77.039	-
		Subtotal	1,295.779	256.059		350.710		363.496		-		363.496	208.391	2,474.435	-
Management Service	Management Services (\$ in Millions)			FY 2	2014	FY 2	2015		2016 ase		2016 CO	FY 2016 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	Total Cost	Target Value of Contract
Business Integration - Cost - ACT I	SS/CPFF	ACT I : Arlington, VA	10.938	1.021	Dec 2013	-	Dec 2014	-		-		-	-	11.959	18.731
Security - Mantech	C/FP	Mantech : Arlington, VA	65.899	9.000	Dec 2013	-	Dec 2014	-		-		-	-	74.899	94.474
Autolog - SEIT - DRC	C/CPFF	DRC : Arlington, VA	2.573	-		-		-		-		-	-	2.573	-

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

Appropriation/Budget ActivityR-1 Program Element (Number/Name)Project (Number/Name)3600 / 5PE 0604800F / F-35 - EMD653831 / Joint Strike Fighter

FY 2016 FY 2016 FY 2016 Management Services (\$ in Millions) oco Total FY 2014 FY 2015 Base Contract Target **Award** Method Performing Prior Award Award Award **Cost To** Total Value of **Cost Category Item Activity & Location** & Type Years Cost Date Cost Date Cost Date Cost Date Cost Complete Cost Contract Chief Engineer - First First Principles: C/CPFF 6.840 1.919 Dec 2013 2.000 Dec 2014 10.759 11.852 Arlington, VA Principles AFLCMC: Wright AFLCMC Civilian Pay Various 36.354 26.697 Oct 2013 27.994 Oct 2014 28.120 Oct 2015 28.120 17.418 136.583 Patterson AFB. OH OPS - Wyle C/CPAF Not specified.:, 126.371 1.109 127.480 SAFTAS: Arlington, C/CPAF Operations - SAFTAS 142.970 Dec 2013 142.970 192.329 **OPS-CGI BOSS** C/CPAF TBD: Arlington, VA 14.009 Dec 2013 202.077 216.086 OPS-Jacobs BOSS Various TBD: Arlington, VA 0.000 6 208 Oct 2013 6 208 OPS- Allutiig/E3 C/CPAF TBD: Arlington, VA 0.700 0.717 Nov 2013 0.727 Nov 2014 0.536 Nov 2015 0.536 1.705 4.385 OPS - Cost/FM/EV TBD: Arlington, VA 12.650 Various 0.000 2.000 Nov 2013 Nov 2014 3 457 Nov 2015 3.457 7.193 TBD: Camp Springs, 0.000 0.135 Nov 2013 1.494 Nov 2014 Andrews AFB Various 0.135 Nov 2015 0.135 0.270 2.034 GE F136 Congressional Various Various: Various. 0.800 0.800 Studies Facilities BOSS 50.662 C/CPAF Varioous: Various. 11.079 6.514 Nov 2013 8.775 7.476 Nov 2015 7.476 16.818 CIO ODCs C/CPAF Various: Various, 2.767 4.126 Nov 2013 5.775 5.907 Nov 2015 5.907 6.779 25.354 Travel C/CPAF Various: Various, 17.501 1.327 Nov 2013 1.808 Nov 2014 1.870 Nov 2015 1.870 3.552 26.058 Subtotal 626.869 74.782 48.573 47.501 47.501 53.735 851.460

	Prior Years	FY 2	2014	FY 2	2015	FY 2 Ba	 FY 2	 FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Subtotals	44,598.298	1,414.340		1,522.627		1,508.688	-	1,508.688	1,454.687	50,498.640	-
Other Service Funding Adjustment	24,694.529	813.980		987.331		990.708	-	990.708	-	27,486.548	2,635.387
Project Cost Totals	19,903.769	600.360		535.296		517.980	-	517.980	1,454.687	50,498.640	-

#### Remarks

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NOTE 1: Prior Years reflect \$19,903.759M USAF/\$17,980.360M USN/\$1,802.784M USMC /\$4,911.395 International/Total \$44,598.298

FY 2014 reflects \$600.360 USAF/\$409.421M USN/\$394.248M USMC/\$10.311M International/Total \$1,414.340M

FY 2015 reflects \$535.296M USAF/\$485.263M USN/\$487.068M USMC/\$15.000M International/Total \$1,522.627M

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2	2016 Air F	orce					Date:	February	2015	
Appropriation/Budget Activity 3600 / 5		<b>R-1 Program El</b> PE 0604800F / F	ement (Number/N -35 - EMD	lame)	<b>Project</b> 653831	•	r/ <b>Name)</b> rike Fighte	er		
	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract

FY 2016 reflects \$517.980M USAF/\$467.759 USN/\$505.949M USMC/\$17.000M International/Total \$1,508.688M

NOTE 2: R-2A/R-3 displays total combined program (i.e. not Service specific), including International partners.

#### F-35 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

#### F-35 FoD includes:

USAF: PE 0207142F BPAC 675346 USN: FY13 PE 0604800N BPAC 2261 USN: FY14 PE 0604800N BPAC 3353 USN: FY15 PE 0604810N BPAC 2936 USMC: FY13 PE 0604800M BPAC 2262 USMC: FY14 PE 0604800M BPAC 3351 USMC: FY15 PE 0604810M BPAC 2935

PE 0604800F: *F-35 - EMD* 

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khibit R-4, RDT&E Schedule Profile: PB 2016 A	ir Fo	rce																				Date				201	5	
propriation/Budget Activity 00 / 5								<b>R-1 P</b> PE 06							nber	/Naı	me)					umb oint S				r		
	F	Y 20				Y 20	015		ļ		2016	1			2017	•		_	2018	3	1	FY 2		_		FY 2		)
	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
Acquisition Milestones: STOVL Initial Operational Capability																												
Acquisition Milestones: CTOL Initial Operational Capability																												
Acquisition Milestones: CV Initial Operational Capability																												
Test & Evaluation: Block 2B DT&E/Cert																												
Test & Evaluation: Block 3I DT&E/Cert																												
Test & Evaluation: Block 3F DT&E/Cert																												
Test & Evaluation: Initial Operational Test and Evaluation (IOT&E)																												
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY14																												
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY15																												
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY16																												
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY17																												
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY18																												
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY19																												

PE 0604800F: *F-35 - EMD* 

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ibit R-4, RDT&E Schedule Profile: PB 2016 ropriation/Budget Activity	- *** '											n Ele				nbe	r/N	am	e)								ame	•)	2015 r		
		F۱	<b>/</b> 20	14		F	FY 2	2015				016				201	7		ĺ	FY:						2019		_	FY 2	2020	
	•	1 2	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	1	2	3	3 .	4	1	2	3	4	1	2	3	4
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY20																															
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 8 Full Funding / Production / Delivery																															
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 9 Full Funding / Production / Delivery																															
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 10 Full Funding / Production / Delivery	,																														
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 11 Full Funding / Production / Delivery	,													[																	
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 12 Full Funding / Production / Delivery	,																		j												
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 13 Full Funding / Production / Delivery	,																														

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
3600 / 5	PE 0604800F / F-35 - EMD	653831 <i>I J</i>	oint Strike Fighter

# Schedule Details

	Sta	art	En	d
Events	Quarter	Year	Quarter	Year
Acquisition Milestones: STOVL Initial Operational Capability	4	2015	4	2015
Acquisition Milestones: CTOL Initial Operational Capability	4	2016	4	2016
Acquisition Milestones: CV Initial Operational Capability	4	2018	4	2018
Test & Evaluation: Block 2B DT&E/Cert	1	2015	3	2015
Test & Evaluation: Block 3I DT&E/Cert	2	2015	2	2016
Test & Evaluation: Block 3F DT&E/Cert	2	2017	1	2018
Test & Evaluation: Initial Operational Test and Evaluation (IOT&E)	3	2016	1	2019
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY14	4	2014	4	2014
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY15	4	2015	4	2015
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY16	4	2016	4	2016
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY17	4	2017	4	2017
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY18	4	2018	4	2018
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY19	4	2019	4	2019
Defense Acquisition Reviews: System Development Reviews: Interim Program Review (IPR) FY20	4	2020	4	2020
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 8 Full Funding / Production / Delivery	1	2015	4	2017
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 9 Full Funding / Production / Delivery	1	2016	2	2018

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	Date: February 2015
, , , , , ,	lumber/Name)
	ent (Number/Name) Project (N - EMD 653831 / J

	St	art	E	nd
Events	Quarter	Year	Quarter	Year
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 10 Full Funding / Production / Delivery	2	2016	2	2019
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 11 Full Funding / Production / Delivery	2	2017	4	2020
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 12 Full Funding / Production / Delivery	2	2018	4	2020
Production Lots (Full Funding / Production / Delivery: U.S. Aircraft): LRIP 13 Full Funding / Production / Delivery	2	2019	4	2020

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Exhibit R-2A, RDT&E Project Ju	stification:	PB 2016 A	Air Force							Date: Feb	ruary 2015	
Appropriation/Budget Activity 3600 / 5					<b>R-1 Progra</b> PE 060480	<b>am Elemen</b> )0F / <i>F-35 -</i>	•	Name)	Project (N 653832 / J SUITABILI	SF DEPLO	YABILITY AI	VD
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
653832: JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT	14.167	16.200	32.593	71.461	-	71.461	-	-	-	-	-	134.421
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

### **Note**

Total cost including United States Navy (USN), United States Marine Corps (USMC), and United States Air Force (USAF) funding is: FY14 \$44.951M, FY15 \$61.570M, and FY16 \$140.390M

R-2A table shown above reflect service funding only.

R-2A (section B)/R-3 displays total combined program (i.e. not Service-specific), including International partners.

In FY16, Project number 653832 JSF Deployability and Suitability Enhancement is expected to complete.

D&S Includes:

USAF PE 64800F BPAC 653832 USN PE 0604800N Project Unit 3352 USMC PE 0604800M Project Unit 3350

### 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, redesign of obsolete items 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 SDD program or tied to Block 4 Operational Flight Program (OFP) development. Funding will result in achieving targeted suitability, maintainability, and affordability returns employing the F-35 in deployed or austere locations and incorporates provisions for future EW Sensor Capability.

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.

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: F	ebruary 2015	<u> </u>
Appropriation/Budget Activity 3600 / 5	R-1 Program Element (Number/Name) PE 0604800F / F-35 - EMD	Project (Number/l 653832 / JSF DEP SUITABILITY ENH	LOYÁBILITY	AND
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016
Title: Sustainment and Capability Enhancements (F-35 JSF)		30.477	42.236	121.797
<b>Description:</b> Apply disciplined systems engineering, refinement of maintainability of the air system such as decentralized maintenant architecture updates, redesign of obsolete items and integrated tr	ce capabilities, LO maintenance enhancements, security			
FY 2014 Accomplishments: Continued development enhancement support for Deployable Aurmaintenance capabilities, Low Observable maintenance enhance and integrated training simulators. Funding incorporates provision	ments, security architecture updates, redesign of obsolete i	tems		
FY 2015 Plans: Conduct systems engineering, technology maturation, integration enhancements. Funding incorporates provisions for future EW Se				
FY 2016 Plans: Continue to conduct systems engineering, technical maturation, in enhancements. Increase is to perform sustaining engineering, de compatibility, and expansion in wiring, power, wing conduits, etc.	velopment and test activities necessary to gain capacity,			
Title: Development Support (F-35 JSF)		11.846	14.745	14.417
<b>Description:</b> SDD support efforts for airframe, air vehicle system autonomic logistics development activities.	s, mission systems, weapons integration, mission support,	and		
FY 2014 Accomplishments: Continued development enhancement support for Deployable Aurmaintenance capabilities, Low Observable maintenance enhance and integrated training simulators.		tems		
FY 2015 Plans: Continue development enhancement support for Deployable Autocapabilities, Low Observable maintenance enhancements, securi integrated training simulators.		nance		
FY 2016 Plans:				

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Exhibit R-2A, RDT&E Project Justi	fication: PB	2016 Air Fo	orce						Date: Fe	ebruary 2015			
Appropriation/Budget Activity 3600 / 5					rogram Ele 604800F / <i>F-</i>	ment (Numb 35 - EMD	oer/Name)	653832	<b>Project (Number/Name)</b> 653832 I JSF DEPLOYABILITY SUITABILITY ENHANCEMENT				
B. Accomplishments/Planned Pro	grams (\$ in	Millions)							FY 2014	FY 2015	FY 2016		
Continue SDD support efforts for air autonomic logistics development act		hicle system	s, mission sy	stems, wea	pons integra	ation, missior	n support, an	d					
Title: Development Test and Evalua	tion								2.628	4.589	4.176		
Description: Verification and testing	for deploya	bility and sui	tability enhar	cements.									
FY 2014 Accomplishments: Initiated verification of test articles, e enhancements.	valuation str	ategy and m	etrics in prep	aration for t	esting of de	ployability ar	nd suitability						
FY 2015 Plans: Complete verification of test articles,	evaluation s	trategy and	metrics in pre	eparation fo	r testing of d	leployability	and suitabilit	y					
enhancements.													
enhancements.  FY 2016 Plans:  Complete verification of test articles, enhancements.	evaluation s	trategy and	metrics in pre	·			<u> </u>		44.951	61.570	140.39		
FY 2016 Plans: Complete verification of test articles,	evaluation s	trategy and	metrics in pre	·	mplishment	ts/Planned F	Programs Su	ıbtotals	44.951 28.751	61.570 28.977			
FY 2016 Plans: Complete verification of test articles,	evaluation s	trategy and	metrics in pre	·	mplishment	ts/Planned F	<u> </u>	ustment	44.951 28.751 16.200	61.570 28.977 32.593	140.390 68.920 71.46		
FY 2016 Plans: Complete verification of test articles,			metrics in pre	·	mplishment	ts/Planned F	Programs Su Funding Adj	ustment	28.751	28.977	68.929		
FY 2016 Plans: Complete verification of test articles, enhancements.  C. Other Program Funding Summa  Line Item  • RDTEN: BA05: PE			FY 2016 Base 467.759	·	mplishment	ts/Planned F	Programs Su Funding Adj	ustment	28.751 16.200 FY 2020	28.977 32.593	68.929 71.46		
C. Other Program Funding Summa  Line Item  • RDTEN: BA05: PE  0604800N: JSF SDD (CV)  • RDTEN: BA05: PE	ary (\$ in Mill FY 2014	ions) FY 2015	FY 2016 Base	FY 2016 OCO	mplishment O  FY 2016 Total	s/Planned For their Service	Programs Su Funding Adj Air Force Su FY 2018	ustment ubtotals	28.751 16.200 FY 2020 0.615	28.977 32.593	68.929 71.46		
C. Other Program Funding Summa  Line Item  • RDTEN: BA05: PE 0604800N: JSF SDD (CV)	FY 2014 409.421 394.248	ions) FY 2015 485.263	FY 2016 Base 467.759 505.949	FY 2016 OCO	FY 2016 Total 467.759 505.949	ts/Planned For their Service  FY 2017 443.185	Programs Su Funding Adj Air Force Su FY 2018 45.436 87.145	ustment ubtotals  FY 2019 0.574 8.014	28.751 16.200 FY 2020 0.615 8.473	28.977 32.593 Cost To Complete	68.929 71.46		

PE 0604800F: *F-35 - EMD* 

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Exhibit R-2A, RDT&E Project Just	ification: PB	2016 Air Fo	orce						Date: Fei	bruary 2015					
Appropriation/Budget Activity 3600 / 5					rogram Ele 604800F / <i>F-</i>	ment (Numb 35 - EMD	Project (Number/Name) 653832 I JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT								
C. Other Program Funding Summ	ary (\$ in Mill	ions)						,							
			FY 2016	FY 2016	FY 2016					Cost To					
Line Item	FY 2014	FY 2015	Base	OCO	<u>Total</u>	FY 2017	FY 2018	FY 2019	FY 2020	Complete	<b>Total Cos</b>				
<ul> <li>APN: BA01: BP0147:</li> </ul>	1,028.415	848.552	897.542	_	897.542	848.056	1,217.562	1,496.303	1,606.088	32,734.961	51,085.53				
JSF (CV), PE 204146N															
<ul> <li>APN: BA01: BP0147C:</li> </ul>	79.016	29.400	48.630	-	48.630	91.908	111.898	126.003	204.132	3,733.206	5,719.32				
JSF Advance Procurement															
(CV), PE 204146N															
• APN: BA01: BP0152: <i>JSF</i>	1,172.248	1,184.410	1,483.414	-	1,483.414	2,049.754	2,713.087	2,796.129	2,810.155	26,147.806	43,146.85				
(STOVL), PE 204146M															
• APN: BA01: BP0152C:	103.195	143.885	203.060	-	203.060	226.148	136.872	139.562	142.353	2,900.408	4,834.93				
JSF Advance Procurement															
(STOVL),PE 204146M															
International 2: JSF	1,954.600	2,975.641	4,175.668	-	4,175.668	6,006.257	7,809.829	7,962.298	7,166.485	Continuing	Continuing				
International Production										_					
<ul> <li>OPN: USMC: F-35B Milcon</li> </ul>	-	71.704	21.960	-	21.960	219.100	64.660	121.990	119.800	642.400	1,966.114				
<ul> <li>OPN: BA03: BP4267:</li> </ul>	3.389	-	_	_	-	-	-	-	_	-	19.10				
JSF Logistics Information															
Systems (ALIS), PE 204261N															
• OPN: BA03 BP 902010:	1.010	1.576	2.946	_	2.946	1.948	1.940	1.957	1.995	Continuing	Continuin				
ALIS Spares and Repair Parts															
OPN: BA03 BP4268: Aviation	_	5.516	3.893	_	3.893	2.136	3.909	3.774	3.854	Continuing	Continuing				
Support Equipment ALIS Ship Alts										_					
• APAF: BA06: ATA000:	91.414	236.418	238.673	_	238.673	245.991	326.971	368.702	372.588	-	-				
JSF Initial Spares															
<ul> <li>APN: BA06:BP0605: Initial</li> </ul>	25.809	28.200	59.914	_	59.914	58.795	42.726	35.247	38.394	-	-				
Spares (CV), PE 204146N															
• RDTE: BA05: PE 0604800F:	600.360	535.296	517.980	_	517.980	323.446	114.595	5.291	5.365	-	-				
JSF SDD, BPAC 653831															
<ul> <li>APN: BA06: BP0605: Initial</li> </ul>	88.304	64.194	111.569	-	111.569	76.703	29.756	100.362	136.763	-	-				
Spares (STOVL), PE 204146M															
• RDTEN: BA05: PE 604810M:	-	10.399	59.265	=	59.265	120.028	157.257	168.502	171.946	Continuing	Continuin				
F-35B Follow-on Development (STOVL), BPAC 2935															

PE 0604800F: *F-35 - EMD* 

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Exhibit R-2A, RDT&E Project Justif	ication: PB	2016 Air Fo	rce							bruary 2015					
<b>Appropriation/Budget Activity</b> 3600 / 5					rogram Eler 604800F / F-S		653832 <i>I</i>	oject (Number/Name) 3832 I JSF DEPLOYABILITY AND JITABILITY ENHANCEMENT							
C. Other Program Funding Summa	ry (\$ in Milli	ons)		·											
			FY 2016	FY 2016	FY 2016					Cost To					
Line Item	FY 2014	FY 2015	<u>Base</u>	<u>000</u>	<u>Total</u>	FY 2017	FY 2018	FY 2019	FY 2020	Complete	Total Cos				
• RDTEB: BA05 PE:604800N:	1.500	-	-	-	=	-	-	-	-	-	-				
F-35 RDTE FoD CDD (CV)															
APN: BA05: BP0592: Modifications	111.158	215.819	256.106	-	256.106	170.624	175.250	16.752	17.641	Continuing	Continuing				
(STOVL), PE 204146M															
<ul> <li>MILCON: BA01: PE 207142F:</li> </ul>	56.000	66.700	132.850	-	132.850	124.000	-	-	-	1,328.000	2,238.050				
JSF Military Construction															
<ul><li>USN MILCON: BA01:</li></ul>	-	60.200	72.460	-	72.460	11.800	-	-	-	-	144.460				
USN JSF MILCON															
<ul> <li>MILCON: BA01: PE 207597F:</li> </ul>	-	-	65.400	-	65.400	34.000	18.900	21.000	-	-	139.300				
JSF Military Construction															
• APAF: BA05: F03500: <i>JSF</i>	126.777	187.646	70.167	_	70.167	310.237	294.229	260.071	259.791	Continuing	Continuing				
Modifications, PE 20742F, BP11										•	·				
• RDTE: BA07: PE 207142F:	3.000	24.477	110.428	_	110.428	243.520	311.476	334.116	340.093	Continuing	Continuing				
JSF Follow-on Development										J	`				
(FoD), BPAC 675346															
International: International SDD	10.311	15.000	17.000	_	17.000	22.000	27.450	_	_	Continuing	Continuing				
International 3: International FoD	0.610	21.086	79.318	_	79.318	128.965	157.602	169.315	171.636	Continuing					
• OPAF: BA01: 821800: <i>Joint</i>	1.431	4.463	3.858	_	3.858	2.333	2.374	2.415	-	Continuing					
Strike Fighter, PE 0207152F			0.000		0.000					99					
• RDTEN:BA05: PE 604800M:	14.332	11.980	31.952	_	31.952	_	_	_	_	_	_				
F-35B Sustainment/		11.000	01.002		01.002										
Capability Enhancements															
(STOVL), BPAC 3350															
• RDTEN: BA05: PE 604800N:	14.419	16.997	36.977	_	36.977	_	_	_	_	_	68.39				
F-35C Sustainment/Capability	14.410	10.001	00.011		00.077						00.00				
Enhancements (CV), BPAC 3352															
• RDTEN:BA05: PE	_	10.622	47.579	_	47.579	103.564	134.250	145.580	1/18 075	Continuing	Continuin				
604810N: <i>F-35C Follow-on</i>	_	10.022	47.579	_	47.579	103.304	134.230	143.300	140.973	Continuing	Continuin				
Development (CV, BPAC 2936)															
• RDTEN:BA05 PE 0604800M:	1.500														
	1.500	-	-	-	-	-	-	-	-	-	-				
CVF-35 Follow-on-Development															
(STOVL) RDTE FoD CDD C260															

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: February 2015
ļ · · · · · · · · · · · · · · · · · · ·	PE 0604800F / F-35 - EMD	653832 <i>Ì J</i>	umber/Name) SF DEPLOYABILITY AND TY ENHANCEMENT
C. Other Program Funding Summary (\$ in Millions)			

П	o. Other i rogram i unumg ounima	<u>ι                                    </u>	<u>0113)</u>									
				FY 2016	FY 2016	FY 2016					Cost To	
	<u>Line Item</u>	FY 2014	FY 2015	Base	OCO	<u>Total</u>	FY 2017	FY 2018	FY 2019	FY 2020	Complete	<b>Total Cost</b>
	<ul> <li>RDTE: BA07:PE 207142F:</li> </ul>	-	15.615	4.967	-	4.967	25.795	27.770	37.681	49.575	-	-
	Dual Capable Aircraft											
	(DCA), BPAC 676011											
	<ul> <li>APN: BA05: BP0593:</li> </ul>	29.950	20.502	68.527	-	68.527	47.294	50.707	17.214	17.484	Continuing	Continuing
	Modifications (CV), PE 204146N											

#### 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.

#### **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 0604800F: F-35 - EMD

Air Force

Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	016 Air F	orce				,			,	Date:	February	2015	
Appropriation/Budge 3600 / 5	et Activity	1					<b>gram Ele</b> 4800F <i>I F</i>			ame)	653832		r/ <b>Name)</b> PLOYABII HANCEMI		)
Product Developme	nt (\$ in Mi	illions)		FY 2	2014	FY 2	2015	FY 2 Ba			2016 CO	FY 2016 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
Prime LM Deployability & Suitability Enhancements	SS/CPAF	LM : Ft Worth, TX	0.000	30.837	Mar 2014	42.236	Mar 2015	121.797	Mar 2016	-		121.797	-	194.870	194.870
		Subtotal	0.000	30.837		42.236		121.797		-		121.797	-	194.870	194.870
Support (\$ in Million	s)			FY 2	2014	FY 2	2015	FY 2 Ba			2016 CO	FY 2016 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	Total Cost	Target Value of Contract
Development Support	TBD	Various : Various,	14.167	10.846	Mar 2014	13.745	Mar 2015	13.417	Mar 2016	-		13.417	-	52.175	-
		Subtotal	14.167	10.846		13.745		13.417		-		13.417	-	52.175	-
Test and Evaluation	(\$ in Milli	ons)		FY 2	2014	FY 2	2015	FY 2 Ba		FY 2	2016 CO	FY 2016 Total			
	Contract														Target
Cost Category Item	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	Value of
Cost Category Item  Developmental Test &  Evaluation			_	<b>Cost</b> 2.268	Date	<b>Cost</b> 4.589		<b>Cost</b> 4.176		Cost		<b>Cost</b> 4.176	Complete		
Developmental Test &	& Type	Activity & Location	Years		Date		Date		Date				Complete -	Cost	Value of
Developmental Test &	& Type WR	Activity & Location  Various : Various,  Subtotal	<b>Years</b> 0.000	2.268	Date Jun 2014	4.589	Date Jun 2015	4.176	<b>Date</b> Jun 2016	- - FY 2		4.176	Complete -	11.033	Value of Contract
Developmental Test & Evaluation	& Type WR	Activity & Location  Various : Various,  Subtotal	<b>Years</b> 0.000	2.268	Date Jun 2014	4.589	Date Jun 2015	4.176 4.176 <b>FY 2</b>	<b>Date</b> Jun 2016	- - FY 2	Date 2016	4.176 4.176 <b>FY 2016</b>	Complete -	11.033	Value of Contract
Developmental Test & Evaluation  Management Service	& Type  WR  es (\$ in M  Contract Method	Activity & Location Various : Various, Subtotal  illions)  Performing	Prior Years 0.000	2.268 2.268 FY 2 Cost 1.000	Date Jun 2014 2014 Award	4.589 4.589 FY 2 Cost 1.000	Date  Jun 2015  2015  Award	4.176 4.176 FY 2 Ba Cost 1.000	Jun 2016 2016 se Award	- FY 2	Date 2016 CO Award	4.176 4.176 FY 2016 Total  Cost 1.000	Cost To Complete	Cost 11.033 11.033	Value of Contract  Target Value of
Developmental Test & Evaluation  Management Service  Cost Category Item	& Type  WR  es (\$ in M  Contract Method & Type	Activity & Location  Various : Various,  Subtotal  illions)  Performing Activity & Location	Vears 0.000 0.000 Prior Years	2.268 2.268 FY 2	Jun 2014  2014  Award Date	4.589 4.589 FY 2	Jun 2015 2015 Award Date	4.176 4.176 FY 2 Ba	Jun 2016 2016 se Award Date	FY 2	Date 2016 CO Award	4.176 4.176 FY 2016 Total	Cost To Complete	Cost 11.033 11.033 Total Cost	Value of Contract  Target Value of Contract
Developmental Test & Evaluation  Management Service  Cost Category Item	& Type  WR  es (\$ in M  Contract Method & Type	Activity & Location  Various : Various,  Subtotal  illions)  Performing Activity & Location  Various : Various,	Prior Years 0.000	2.268 2.268 FY 2 Cost 1.000 1.000	Jun 2014  2014  Award Date	4.589 4.589 FY 2 Cost 1.000	Jun 2015  2015  Award Date  Dec 2014	4.176 4.176 FY 2 Ba Cost 1.000	Jun 2016 2016 2016 Award Date Dec 2015	FY2 OC Cost	Date 2016 CO Award Date	4.176 4.176 FY 2016 Total  Cost 1.000	Cost To Complete	Total Cost 3.000	Value of Contract  Target Value of Contract  Target Value of Value of Contract
Developmental Test & Evaluation  Management Service  Cost Category Item	& Type  WR  es (\$ in M  Contract Method & Type  Various	Activity & Location  Various : Various,  Subtotal  illions)  Performing Activity & Location  Various : Various,	Prior Years 0.000  Prior Years 0.000  Prior	2.268 2.268 FY 2 Cost 1.000 1.000	Jun 2014  2014  Award Date  Dec 2013	4.589 4.589 FY 2 Cost 1.000 1.000	Jun 2015  2015  Award Date  Dec 2014	4.176 4.176  FY 2 Ba  Cost 1.000 1.000	Jun 2016 2016 2016 Award Date Dec 2015	FY 2 OC  Cost FY 2	Date 2016 CO Award Date	4.176 4.176 FY 2016 Total  Cost 1.000 1.000 FY 2016	Cost To Complete  - Cost To Complete - Cost To Complete	Total Cost 3.000 Total	Value of Contract  Target Value of Contract  - Target Target

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

R-1 Program Element (Number/Name)

PE 0604800F / F-35 - EMD

Project (Number/Name)

653832 I JSF DEPLOYABILITY AND SUITABILITY ENHANCEMENT

Date: February 2015

	Prior	FY 2014	FY 2015	FY 2016	FY 2016 OCO	FY 2016	Cost To	Total	Target Value of
	Years	FY 2014	F 1 2015	Base	000	Total	Complete	Cost	Contract
Project Cost Totals	14.167	16.200	32.593	71.461	-	71.461	-	134.421	-

#### Remarks

3600 / 5

NOTE: Prior Years reflect \$14.167 USAF/Total \$14.167

FY 2014 reflects \$16.200M USAF/\$14.419M USN/\$14.332M USMC/\$0.000M International/Total \$44.951M

FY 2015 reflects \$32.593M USAF/\$16.997M USN/\$11.980M USMC/\$0.000M International/Total \$61.570M

FY 2016 reflects \$71.461M USAF/\$36.977M USN/\$31.952M USMC/\$0.000M International/Total \$140.390M

R-2A (section B)/R-3 displays total combined program (i.e. not Service-specific), including International partners.

JSF EMD Includes:

USAF PE 0604800F BPAC 653831 USN PE 0604800N Project Unit 2261 USMC PE 0604800M Project Unit 2262

**Appropriation/Budget Activity** 

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 2016	Air F	orce																					Dŧ	ate: F	ebr	uar	y 201	15		
Appropriation/Budget Activity 3600 / 5									_		Elem F-3		•		ber	/Na	me)		65	383	2 Ì J	ISF	nber/I DEP ENH	'LO	YÁE	BILIT		ΝD		
		FY	2014	ļ		FY 2	2015	j		FY	201	16		F	Y 2	017			FY	201	8		F۱	Y 201	9	$\overline{T}$	FY	′ 202	20	7
	1	2	3	4	1	2	3	4	1	2	3	4	,	1	2	3	4	1	2	3	4	1	1	2 3	4	1 .	1 2	2 3	4	1
ALIS Security Architecture Contract Award														,	·	·														
Deployment and Suitability Enhancement Efforts																														

PE 0604800F: *F-35 - EMD* Air Force

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
3600 / 5	PE 0604800F / F-35 - EMD	653832 <i>I J</i>	SF DEPLOYABILITY AND
		SUITABILI	TY ENHANCEMENT

# Schedule Details

	St	art	End			
Events	Quarter	Year	Quarter	Year		
ALIS Security Architecture Contract Award	3	2016	3	2016		
Deployment and Suitability Enhancement Efforts	3	2014	4	2016		

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Air Force