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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0303601F I MILSATCOM Terminals							
COST (\$ in Millions)	Prior Years <sup>(+)</sup>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	2,035.495	106.338	129.829	55.208	-	55.208	3.933	-	-	-	Continuing	Continuing
672487: MILSATCOM Terminals	1,993.495	106.338	-	-	-	-	-	-	-	-	-	2,099.833
672490: Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)	0.000	-	129.829	55.208	-	55.208	3.933	-	-	-	Continuing	Continuing
MDAP/MAIS Code: 199												
<sup>(+)</sup> The sum of all Prior Years is \$42.000 million less than the represented total due to several projects ending # The FY 2015 OCO Request will be submitted at a later date.												
Note FY12 Congressional Add of \$42M for FAB-T Alternative source was executed from project 672489 within this program element. FY13 funding for FAB-T is in project 672487 within this program element. FY14 and beyond, funding for FAB-T continues in project 672490 within this program element.  In FY14 Concept Development was terminated.												
A. Mission Description and Budget Item Justification The Military Satellite Communications (MILSATCOM) terminals program develops and fields equipment enabling users to communicate via legacy and future systems to include Milstar, Advanced Extremely High Frequency (AEHF), Ultra High Frequency (UHF) Follow-On (UFO), Wideband Global SATCOM (WGS), Defense Satellite Communication System (DSCS), Enhanced Polar Systems (EPS), and other military and commercial satellites, to support tactical Air and Space Expeditionary Force requirements and maintain essential connectivity for strategic forces. Program RDT&E currently includes the following efforts:  1) Concept development work to identify commercial/military technology solutions to improve MILSATCOM terminal capabilities for the warfighters. Focus includes, but is not limited to, increasing throughput, facilitating sustainability, reducing footprint on existing user platform and future concept terminals to provide more resilient and/or higher data rate satellite communications to warfighters.  2) The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) program replaces legacy Milstar terminals and will provide Extremely High Frequency (EHF), protected high data rate communication for nuclear and conventional forces to include Presidential National Voice Conferencing (PNVC). FAB-T will provide this new, highly secure, state-of-the-art capability for DoD platforms to include strategic and tactical airborne and ground command posts via Milstar, AEHF, and Enhanced Polar System (EPS) satellites. FAB-T terminals will also support the critical command and control (C2) of the Milstar, AEHF, and EPS satellite constellations. In FY15, the Air Force will continue development of the FAB-T terminal.												

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0303601F I MILSATCOM Terminals				
3) The Joint Terminal Engineering Office (JTEO) provides tri-service coordination of terminal development, acquisition and fielding activities.						
B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		107.237	140.170	55.897	-	55.897
Current President's Budget		106.338	129.829	55.208	-	55.208
Total Adjustments		-0.899	-10.341	-0.689	-	-0.689
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-8.989	-10.000			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		8.370	-			
• SBIR/STTR Transfer		-0.280	-			
• Other Adjustments		-	-0.341	-0.689	-	-0.689
Change Summary Explanation						
FY13 Congressional Mark: -\$8.989M						
FY13 Reprogramming: \$8.370M						
FY13: SBIR: -\$0.280M						
FY14 Congressional Mark & Other Adjustments: -\$10.000M Congressional Mark and -\$0.341M for inflation adjustment						
FY15 Other Adjustments: -\$0.689M for inflation adjustment						

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals				Project (Number/Name) 672487 / MILSATCOM Terminals			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
672487: MILSATCOM Terminals	1,993.495	106.338	-	-	-	-	-	-	-	-	-	2,099.833
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note												
In FY14 Concept Development was terminated.												
A. Mission Description and Budget Item Justification												
The Military Satellite Communications (MILSATCOM) terminals program develops and fields equipment enabling users to communicate via legacy and future systems to include Milstar, Advanced Extremely High Frequency (AEHF), Ultra High Frequency (UHF) Follow-On (UFO), Wideband Global SATCOM (WGS), Defense Satellite Communication System (DSCS), Enhanced Polar Systems (EPS), and other military and commercial satellites, to support tactical Air and Space Expeditionary Force requirements and maintain essential connectivity for strategic forces. Program RDT&E currently includes the following program efforts:												
1) Concept development work to identify commercial/military technology solutions to improve MILSATCOM terminal capabilities for the warfighters. Focus includes, but is not limited to, increasing throughput, facilitating sustainability, reducing footprint on existing user platform and future concept terminals to provide more resilient and/or higher data rate satellite communications to warfighters.												
2) The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) program replaces legacy Milstar terminals and will provide Extremely High Frequency (EHF), protected high data rate communication for nuclear and conventional forces to include Presidential National Voice Conferencing (PNVC). FAB-T will provide this new, highly secure, state-of-the-art capability for DoD platforms to include strategic and tactical airborne and ground command posts via Milstar, AEHF, and Enhanced Polar System (EPS) satellites. FAB-T terminals will also support the critical command and control (C2) of the Milstar, AEHF, and EPS satellite constellations. In FY15, the Air Force will continue development of the FAB-T terminal.												
3) The Joint Terminal Engineering Office (JTEO) provides tri-service coordination of terminal development, acquisition and fielding activities.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: FAB-T Boeing Development									82.283	-	-	
Description: Develop FAB-T command post and airborne wideband terminals.												
FY 2013 Accomplishments:												
Continued software development and Reliability Verification Testing; accomplished Flight Testing and Functional Qualification Testing for FAB-T.												
Title: FAB-T Raytheon Development									15.494	-	-	

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B. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
Description: Develop FAB-T command post terminals.												
FY 2013 Accomplishments: Raytheon continued development and accomplished Preliminary Design Review, initial SW demonstration and held Critical Design Review												
Title: MILSATCOM Terminals										8.561	-	-
Description: Conduct concept development, prototype demonstrations and maintain the MILSATCOM Terminal roadmap. Support the JTEO.												
FY 2013 Accomplishments: 1. Continued concept development/prototype demonstrations/MILSATCOM terminal roadmap. 2. Continued support for the JTEO. Continued program support and other related activities												
Accomplishments/Planned Programs Subtotals										106.338	-	-
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost	
• APAF: BA05, OTHACF: Other Aircraft	4.574	1.920	53.810	-	53.810	55.552	28.463	37.630	17.998	-	-	
• OPAF: BA03, 836780: MILSATCOM Space	47.333	105.674	63.219	-	63.219	200.076	111.908	186.989	226.048	-	-	
• OPAF: BA05, 86190A: Spares and Repair Parts	-	-	12.112	-	12.112	36.629	48.674	24.624	50.371	-	-	
Remarks												
NOTE: Related RDT&E costs for MILSATCOM satellite systems to which terminal development is linked can be found in RDT&E Budget Item Justification Sheets.												
OPAF funds in FY14-19 shown here are for all MILSATCOM Terminals to include FAB-T.												
The APAF BA05 (OTHACF) line includes spares funding from BP16												
D. Acquisition Strategy												
In FY12, the government restructured the FAB-T development program to introduce competition into the acquisition strategy in order to reduce risk in delivering this capability as well as to drive down production costs. To ensure the best value to the government, the Air Force awarded production contracts in September 2013 to both												

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Air Force			<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303601F / MILSATCOM Terminals	<b>Project (Number/Name)</b> 672487 / MILSATCOM Terminals	

contractors (Boeing and Raytheon). The production contracts will begin with production planning for both contractors. The Air Force will then downselect in 2QFY14 and exercise production contract options on the selected vendor's contract after a successful Milestone C decision.

## 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 2015 Air Force												Date: March 2014			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals				Project (Number/Name) 672487 / MILSATCOM Terminals					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FAB-T Development (Boeing)	C/FFP	Boeing Corp : Huntington Beach, CA	1,765.207	50.603	Oct 2012	-		-		-		-	-	1,815.810	-
FAB-T Development (Raytheon)	C/FFP	Raytheon : Marlborough, MA	0.000	15.494	Dec 2012	-		-		-		-	-	15.494	-
FAB-T INC 2	C/CPFF	Boeing/Northrop : Seattle/Melbourne, WA	54.206	-		-		-		-		-	-	54.206	-
(1) High Data Rate (HDR) RF Ground Terminal Development	C/FFP	Comtech : Tempe, AZ	5.993	-		-		-		-		-	-	5.993	-
(2) High Data Rate (HDR) RF Ground Terminal Development	C/FFP	Raytheon : Marlborough, MA	6.365	-		-		-		-		-	-	6.365	-
(3) High Data Rate (HDR) RF Ground Terminals Development	C/FFP	L3 Comm : Hauppauge, NY	1.767	-		-		-		-		-	-	1.767	-
(4) High Data Rate (HDR) RF Ground Terminals Development	SS/CPFF	MITRE : Bedford, MA	3.305	-		-		-		-		-	-	3.305	-
High Data Rate (HDR) RF Air Terminal Development (merged with FAB-T beginning in FY06)	C/CPAF	Boeing Corp : Huntington Beach, CA	13.787	-		-		-		-		-	-	13.787	-
Lasercom Terminal Development Studies	C/CPFF	Northrop-Raytheon-MITRE-MIT/LL : Various,	30.395	-		-		-		-		-	-	30.395	-
Global Broadcast Service (GBS)	C/CPFF	Booz Allen-Windmill : McLeans, VA	3.882	-		-		-		-		-	-	3.882	-
(1) High Data Rate Airborne Terminal (HDRAT) AFSPC AoA	C/FP	LinQuest : Colorado Springs, CO	2.000	-		-		-		-		-	-	2.000	-
(2) High Data Rate Airborne Terminal (HDRAT) Development	SS/CPFF	MITRE : Bedford, MA	5.421	-		-		-		-		-	-	5.421	-

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Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals				Project (Number/Name) 672487 / MILSATCOM Terminals					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Teminals Development MIT Lincoln Lab	SS/CPFF	MIT/LL : Bedford, MA	7.100	-		-		-		-		-	-	7.100	-
JTEO Development	C/CPFF	Booz Allen Hamilton : McLeans, VA	10.159	5.119	Dec 2012	-		-		-		-	-	15.278	-
Subtotal			1,909.587	71.216		-		-		-		-	-	1,980.803	-
Remarks															
FY12 funding of \$42M for FAB-T Alternate Source will be executed from project 672489 within this program element.															
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MILSATCOM Terminals System Integration	Various	Various : Various,	28.296	12.062	Dec 2012	-		-		-		-	-	40.358	-
Subtotal			28.296	12.062		-		-		-		-	-	40.358	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MILSATCOM Terminals T&E	Various	AF Research Lab, AFOTEC, Various : ,	24.254	11.122	Dec 2012	-		-		-		-	-	35.376	-
Subtotal			24.254	11.122		-		-		-		-	-	35.376	-
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering Support	SS/CPAF	MITRE : Bedford, MA	20.440	10.140	Dec 2012	-		-		-		-	-	30.580	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2015 Air Force												<b>Date:</b> March 2014			
<b>Appropriation/Budget Activity</b> 3600 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0303601F / MILSATCOM Terminals				<b>Project (Number/Name)</b> 672487 / MILSATCOM Terminals					
<b>Management Services (\$ in Millions)</b>				<b>FY 2013</b>		<b>FY 2014</b>		<b>FY 2015 Base</b>		<b>FY 2015 OCO</b>		<b>FY 2015 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
ETASS (Engineering & Technology Acq Spt Services), (PMA)	C/CPFF	Jacobs : Lincoln, MA	5.063	1.453	Dec 2012	-		-		-		-	-	6.516	-
PASS (Professional Acq Spt Services), (PMA)	C/CPAF	Oasis : Lexington, MA	5.855	0.345	Dec 2012	-		-		-		-	-	6.200	-
<b>Subtotal</b>			31.358	11.938		-		-		-		-	-	43.296	-
			<b>Prior Years</b>	<b>FY 2013</b>		<b>FY 2014</b>		<b>FY 2015 Base</b>		<b>FY 2015 OCO</b>		<b>FY 2015 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			1,993.495	106.338		-		-		-		-	-	2,099.833	-
<b>Remarks</b>															



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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

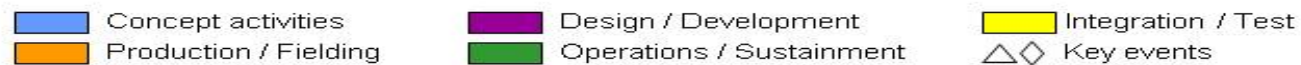
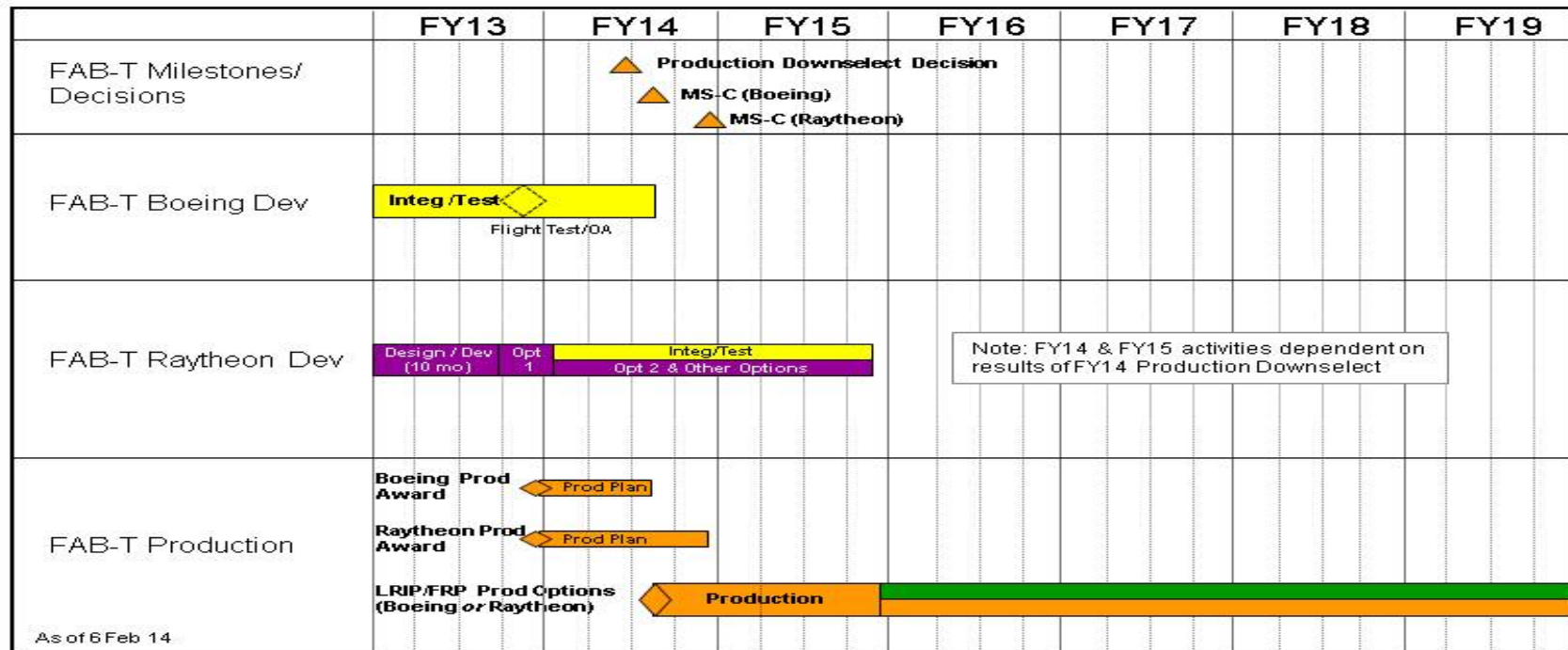
Date: March 2014

Appropriation/Budget Activity  
3600 / 7

R-1 Program Element (Number/Name)  
PE 0303601F / MILSATCOM Terminals

Project (Number/Name)  
672487 / MILSATCOM Terminals

## MILSATCOM Terminals Schedule Rdoc



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Air Force			<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303601F / MILSATCOM Terminals	<b>Project (Number/Name)</b> 672487 / MILSATCOM Terminals	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
FAB-T Raytheon Development Contract	1	2013	4	2015
Boeing and Raytheon Production Contract Awards	4	2013	4	2013
FAB-T Production Downselect Decision	2	2014	2	2014
FAB-T Production Contract Options	3	2014	4	2019

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Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals				Project (Number/Name) 672490 / Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
672490: Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)	-	-	129.829	55.208	-	55.208	3.933	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note This project was funded prior to FY14 in project 672487 and 672489 within this program.												
A. Mission Description and Budget Item Justification The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) program replaces legacy Milstar terminals and will provide Extremely High Frequency (EHF), protected high data rate communication for nuclear and conventional forces to include Presidential National Voice Conferencing (PNVC). FAB-T will provide this new, highly secure, state-of-the-art capability for DoD platforms to include strategic and tactical airborne and ground command posts via Milstar, AEHF, and Enhanced Polar System (EPS) satellites. FAB-T terminals will also support the critical command and control (C2) of the Milstar, AEHF, and EPS satellite constellations. In FY15, the Air Force will continue development of the FAB-T terminal.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: FAB-T Development  Description: The FAB-T program will provide EHF voice and data MILSATCOM for nuclear and conventional forces as well as airborne and ground command posts with connectivity to Milstar, AEHF, and EPS satellites.  FY 2014 Plans: Continue development of FAB-T Terminal. Boeing will complete Reliability Verification Test and contract close-out. Raytheon will continue development and accomplish Functional Configuration Audit (FCA)/Physical Configuration Audit (PCA) and initial Engineering Development Model (EDM) deliveries.  FY 2015 Plans: FY15 development activites will depend on FY14 downselect decision									-	129.829	55.208	
Accomplishments/Planned Programs Subtotals									-	129.829	55.208	

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C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• APAF: BA05, OTHACF: Other Aircraft	4.574	1.920	37.939	-	37.939	27.773	12.904	13.136	13.373	-	-
• OPAF: BA03, 836780: MILSATCOM Space	44.701	105.674	63.219	-	63.219	200.076	111.908	186.989	226.048	-	-
• OPAF: BA05, 86190A: Spares and Repair Parts	-	-	12.376	-	12.376	45.874	48.880	24.760	50.656	-	156.680
Remarks											
Other program funding listed in FY14-19 is only for the FAB-T program											
The APAF BA05 (OTHACF) line includes spares funding from BP16											
D. Acquisition Strategy											
In FY12, the government restructured the FAB-T development program to introduce competition into the acquisition strategy in order to reduce risk in delivering this capability as well as to drive down production costs. To ensure the best value to the government, the Air Force awarded production contracts in September 2013 to both contractors (Boeing and Raytheon). The production contracts will begin with production planning for both contractors. The Air Force will then downselect in 2QFY14 and exercise production contract options on the selected vendor's contract after a successful Milestone C decision.											
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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Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FAB-T Development	C/FFP	TBD : TBD,	0.000	-		98.682	Oct 2013	32.437	Jan 2015	-		32.437	3.745	134.864	-
Subtotal			0.000	-		98.682		32.437		-		32.437	3.745	134.864	-
Remarks															
FY14 and FY15 activities dependent on the result of the FY14 Production Downselect decision.															
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MITRE DMS	SS/CPAF	MITRE : Bedford, MA	0.000	-		4.079	Oct 2013	3.501	Oct 2014	-		3.501	-	7.580	-
GFE	MIPR	TBD : TBD, MA	0.000	-		0.600	Oct 2013	0.485	Oct 2014	-		0.485	-	1.085	-
Linquest DMS	MIPR	Linquest : TBD, CA	0.000	-		1.096	Nov 2013	-		-		-	-	1.096	-
SW Engineering DMS (FFRDC)	SS/CPAF	SEI : Pittsburg, PA	0.000	-		0.200	Oct 2013	-		-		-	-	0.200	-
Crypto Support	MIPR	NSA : TBD, MD	0.000	-		1.391	Oct 2013	1.433	Oct 2014	-		1.433	-	2.824	-
Subtotal			0.000	-		7.366		5.419		-		5.419	-	12.785	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test & RTO Support	TBD	TBD : TBD,	0.000	-		1.400	Oct 2013	1.400	Oct 2014	-		1.400	0.100	2.900	-
Developmental Test Support	SS/CPAF	MIT/LL : Bedford, MA	0.000	-		11.504	Nov 2013	8.300	Nov 2014	-		8.300	-	19.804	-
Subtotal			0.000	-		12.904		9.700		-		9.700	0.100	22.704	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Air Force												Date: March 2014			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals				Project (Number/Name) 672490 / Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)					
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering Support	SS/CPAF	MITRE : Bedford, MA	0.000	-		4.946	Oct 2013	4.004	Oct 2014	-		4.004	-	8.950	-
FFRDC SE Support	MIPR	Aerospace : Los Angeles, CA	0.000	-		1.015	Oct 2013	0.408	Oct 2014	-		0.408	-	1.423	-
ETASS (Engineering & Technology Acq Spt Services) (PMA)	C/CPFF	Jacobs : Lincoln, MA	0.000	-		2.359	Nov 2013	1.240	Oct 2014	-		1.240	-	3.599	-
PASS (Professional Acq Spt Services) (PMA)	C/CPFF	Oasis : Lexington, MA	0.000	-		1.538	Oct 2013	1.082	Oct 2014	-		1.082	-	2.620	-
SCS (Specialized Cost Services) (PMA)	C/CPFF	Tecolote : Bedford, MA	0.000	-		-	Oct 2013	-		-		-	-	-	-
SPO Cost & Indirect (PMA)	TBD	Not specified. : ,	0.000	-		1.019	Oct 2013	0.918	Oct 2014	-		0.918	0.088	2.025	-
Subtotal			0.000	-		10.877		7.652		-		7.652	0.088	18.617	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		129.829		55.208		-		55.208	3.933	188.970	-
Remarks FY14 and FY15 activities dependent on the result of the FY14 Production Downselect decision															

# UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

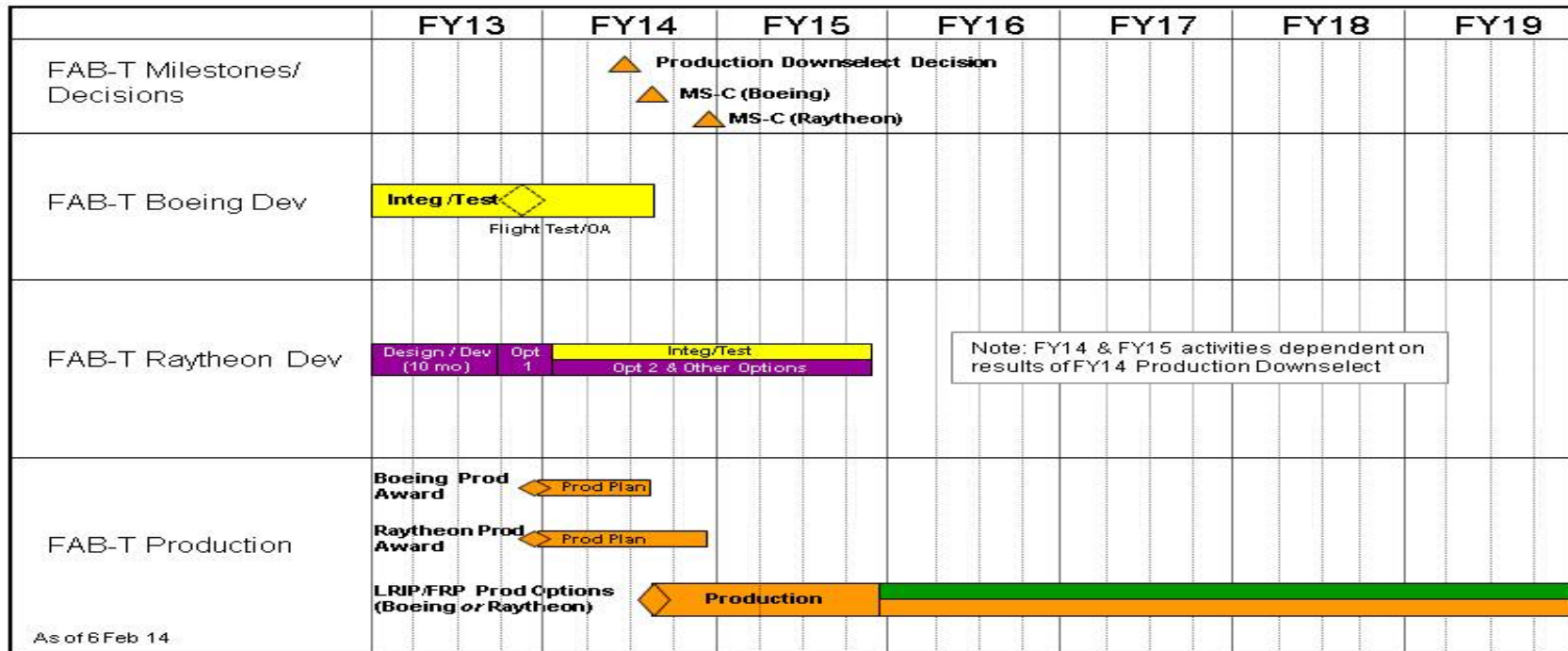
Date: March 2014






Appropriation/Budget Activity  
3600 / 7

R-1 Program Element (Number/Name)  
PE 0303601F / MILSATCOM Terminals

Project (Number/Name)  
672490 / Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)

## MILSATCOM Terminals Schedule Rdoc



 Concept activities     
  Design / Development     
  Integration / Test  
 Production / Fielding     
  Operations / Sustainment     
 △◇ Key events

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2015 Air Force			<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303601F / MILSATCOM Terminals	<b>Project (Number/Name)</b> 672490 / Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
FAB-T Raytheon Development Contract	1	2013	4	2015
Boeing and Raytheon Production Contract Awards	4	2013	4	2013
FAB-T Production Downselect Decision	2	2014	2	2014
FAB-T Production Contract Options	3	2014	4	2019