Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force

Date: May 2017

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

COST (\$ in Millions)	Prior Years ⁽⁺⁾	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	2,216.097	9.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2,225.097
672490: Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)	180.602	9.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	189.602

Program MDAP/MAIS Code: 199

Note

In FY2016, PE 0303601F, MILSATCOM Terminals, Project 672490, Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) was transferred to PE 0303001F, FAB-T, Project 672490 FAB-T for improved visibility of ACAT I programs.

FAB-T was funded FY13 and prior in PE 0303601F, Project Number 672487 and Project Number 672489. In FY14 it was transferred to Project Number 672490 in the same PE.

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) 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 platforms 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 Command Post Terminals (CPT) 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 platforms and airborne/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 continued development of the FAB-T terminal.
- 3) The Presidential and National Voice Conferencing (PNVC) capability is a critical element of the Nuclear Command, Control, and Communications (NC3) System. PNVC is the Survivable Emergency Conferencing Network (SECN) replacement capability which provides anti-jam, anti-scintillation, survivable, and endurable

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 $^{^{(+)}}$ The sum of all Prior Years is 2035.495 million less than the represented total due to several projects ending

Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation/Budget Activity

R-1 Program Element (Number/Name) 3600: Research, Development, Test & Evaluation, Air Force I BA 7: PE 0303601F I MILSATCOM Terminals

Operational Systems Development

voice communications through the AEHF satellite system for national and strategic users. There are several components being developed and procured by other organizations that must be synchronized to expeditiously field this capability. The PNVC Integrator is responsible for end-to-end integration of these components, to include requirements traceability, end-to-end system testing, site installation and checkout activities, training and technical manuals, network transition support, identification of deficiencies in overall PNVC system capability, and logistics support for PNVC components. The AFPEO/SP approved entry into the acquisition lifecycle as a post MS-A ACAT III Program of Record in January 2016.

4) The Joint Terminal Engineering Office (JTEO) provides tri-service coordination of terminal development, acquisition and fielding activities.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	9.000	0.000	0.000	0.000	0.000
Total Adjustments	9.000	0.000	0.000	0.000	0.000
 Congressional General Reductions 	0.000	0.000			
 Congressional Directed Reductions 	0.000	0.000			
 Congressional Rescissions 	0.000	0.000			
 Congressional Adds 	0.000	0.000			
 Congressional Directed Transfers 	0.000	0.000			
Reprogrammings	9.000	0.000			
SBIR/STTR Transfer	0.000	0.000			
Other Adjustments	0.000	0.000	0.000	0.000	0.000

Change Summary Explanation

Presidential and National Voice Conferencing (PNVC) Integrator received \$9M in FY2016 for program activities.

PE 0303601F: MILSATCOM Terminals

Air Force

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Exhibit R-2A, RDT&E Project Ju	stification:	FY 2018 A	ir Force							Date: May	2017	
Appropriation/Budget Activity 3600 / 7					R-1 Progra PE 030360		t (Number/ TCOM Terr	•			vanced Bey	ond Line-
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
672490: Family of Advanced Beyond Line-of-Sight Terminals (FAB-T)	180.602	9.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	189.602
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

In FY2016, PE 0303601F, MILSATCOM Terminals, Project 672490, Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) was transferred to PE 0303001F, FAB-T, Project 672490 FAB-T for improved visibility of ACAT I programs.

FAB-T was funded FY13 and prior in PE 0303601F, Project Number 672487 and Project Number 672489. In FY14 it was transferred to Project Number 672490 in the same PE.

A. Mission Description and Budget Item Justification

The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) program replaces legacy Milstar Command Post Terminals (CPT) 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 platforms and airborne/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.

The Presidential and National Voice Conferencing (PNVC) capability is a critical element of the Nuclear Command, Control, and Communications (NC3) System. PNVC is the Survivable Emergency Conferencing Network (SECN) replacement capability which provides anti-jam, anti-scintillation, survivable, and endurable voice communications through the AEHF satellite system for national and strategic users. There are several components being developed and procured by other organizations that must be synchronized to expeditiously field this capability. The PNVC Integrator is responsible for end-to-end integration of these components, to include requirements traceability, end-to-end system testing, site installation and checkout activities, training and technical manuals, network transition support, identification of deficiencies in overall PNVC system capability, and logistics support for PNVC components. The AFPEO/SP approved entry into the acquisition lifecycle as a post MS-A ACAT III Program of Record in January 2016.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2016	FY 2017	FY 2018
Title: FAB-T Development	0.000	-	_
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 2016 Accomplishments:			

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xhibit R-2A, RDT&E Project Justi	fication: EV	2010 Air Ear	· · · · · · · · · · · · · · · · · · ·						Data: M	ay 2017	
Appropriation/Budget Activity 600 / 7	IICALIOII. FT	ZUTO AII FUI	<u> </u>			nent (Numbe LSATCOM T		67249	t (Number/N	lame) Advanced Be	yond Line
3. Accomplishments/Planned Prog	grams (\$ in N	Millions)							FY 2016	FY 2017	FY 2018
n FY2016, FAB-T was transferred fr	•	•	0303001F								
Title: PNVC Integrator									9.000	-	
capability which provides anti-jam, and system for national and strategic used must be synchronized to expeditious components, to include requirements echnical manuals, network transition and the DNI/O accompany.	ers. There are sly field this ca s traceability,	e several con apability. The end-to-end	mponents be e PNVC Integ system testir	ing develope grator is resp ng, site instal	ed and procu consible for a llation and c	ired by other end-to-end ir heckout activ	organization ntegration of vities, training	ns that these g and			
or PNVC components. FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for R will support the Air Force's integrator	Requirements	Traceability	Contract, FF	RDC (MITR	E) support a	and test activ	ities. The co				
FY 2016 Accomplishments: n FY2016 PNVC Integrator complete Specifically, funding is required for R	Requirements	Traceability	Contract, FF	RDC (MITR	E) support a ration, and to	and test activ	ities. The co	С	9.000	-	
FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Rivill support the Air Force's integrator architecture. C. Other Program Funding Summa	Requirements r role for requ	Traceability irements tra	Contract, FF ceability, sys	Accon	E) support a ration, and to possible the ration of the rat	and test activest definition	ities. The co for the PNV rograms Su	C btotals	ļ	- Cost To	
FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Revill support the Air Force's integrator architecture.	Requirements rrole for requ	Traceability irements tra	Contract, FF ceability, sys	RDC (MITR stem configu	E) support a ration, and to	and test activest definition	ities. The co	С	1 FY 202	2 Complete	Total Co
FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Rivill support the Air Force's integrator architecture. C. Other Program Funding Summa	Requirements r role for requence r role for million FY 2016	Traceability irements tra	Contract, FF ceability, sys	Accon FY 2018 OCO	E) support a ration, and to nplishments FY 2018 Total	end test activest definition 6/Planned Property (Property 2019)	ities. The co for the PNV rograms Su FY 2020	btotals FY 202	1 FY 202		Total Co
FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Rivill support the Air Force's integrator architecture. C. Other Program Funding Summa Line Item APAF: BA05, OTHACF: Other Aircraft OPAF: BA03, 836700:	Requirements r role for requence r role for million FY 2016	Traceability irements tra	Contract, FF ceability, sys	Accon FY 2018 OCO	E) support a ration, and to nplishments FY 2018 Total	end test activest definition 6/Planned Property (Property 2019)	ities. The co for the PNV rograms Su FY 2020	btotals FY 202	11 FY 2022 00 0.000	2 Complete	Total Co Continu
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FY 2016 Accomplishments: In FY2016 PNVC Integrator complete of Specifically, funding is required for Rewill support the Air Force's integrator architecture. C. Other Program Funding Summa Line Item • APAF: BA05, OTHACF: Other Aircraft • OPAF: BA03, 836700: MILSATCOM Space • OPAF: BA05, 86190A:	Requirements r role for requirements ary (\$ in Million FY 2016 32.106	Traceability irements tra ons) FY 2017 0.000	Contract, FF ceability, sys FY 2018 Base 0.000	Accom FY 2018 OCO 0.000	E) support a ration, and to possible from the ration of th	est definition S/Planned P FY 2019 0.000	rograms Su FY 2020	E btotals FY 202	11 FY 2022 00 0.000	Complete Continuing	Total Continu
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FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Rivill support the Air Force's integrator architecture. C. Other Program Funding Summa Line Item • APAF: BA05, OTHACF: Other Aircraft • OPAF: BA03, 836700: MILSATCOM Space • OPAF: BA05, 86190A: Spares and Repair Parts • APAF: BA05: FBLOST	r role for requestrate (\$ in Million 32.106 60.230 12.112 21.784	Traceability irements tra ons) FY 2017 0.000 0.000 0.000 0.000	FY 2018 Base 0.000 0.000 0.000	FRDC (MITR stem configure Accom FY 2018 OCO 0.000 0.000 0.000	E) support a ration, and to ration, and to replishments FY 2018	FY 2019 0.000 0.000 0.000	FY 2020 0.000 0.000	FY 202 0.00 0.00 0.00	11 FY 2022 00 0.000 00 0.000 00 0.000	CompleteContinuingContinuingContinuingContinuingContinuing	Continue Continue Continue Continue Continue
FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Rivill support the Air Force's integrator architecture. C. Other Program Funding Summa Line Item • APAF: BA05, OTHACF: Other Aircraft • OPAF: BA03, 836700: MILSATCOM Space • OPAF: BA05, 86190A: Spares and Repair Parts • APAF: BA06: FBLOST • APAF: BA06: Aircraft	equirements role for requirements role for role	ons) FY 2017 0.000 0.000 0.000	FY 2018 Base 0.000 0.000	FRDC (MITR stem configure Accom FY 2018 OCO 0.000 0.000 0.000	FY 2018 Total 0.000 0.000	FY 2019 0.000 0.000	rograms Su FY 2020 0.000 0.000	E EY 202 0.00 0.00 0.00	11 FY 2022 00 0.000 00 0.000 00 0.000	2 Complete Continuing Continuing Continuing	Total Continue Continue Continue Continue Continue
FY 2016 Accomplishments: In FY2016 PNVC Integrator complete Specifically, funding is required for Rivill support the Air Force's integrator architecture. C. Other Program Funding Summa Line Item • APAF: BA05, OTHACF: Other Aircraft • OPAF: BA03, 836700: MILSATCOM Space • OPAF: BA05, 86190A: Spares and Repair Parts • APAF: BA05: FBLOST	r role for requestrate (\$ in Million 32.106 60.230 12.112 21.784	Traceability irements tra ons) FY 2017 0.000 0.000 0.000 0.000	FY 2018 Base 0.000 0.000 0.000	FRDC (MITR stem configure Accom FY 2018 OCO 0.000 0.000 0.000	E) support a ration, and to ration, and to replishments FY 2018	FY 2019 0.000 0.000 0.000	FY 2020 0.000 0.000	FY 202 0.00 0.00 0.00	FY 2022 00 0.000 00 0.000 00 0.000 00 0.000	Complete Continuing Continuing Continuing Continuing Continuing Continuing	Continue Continue Continue Continue Continue Continue Continue

PE 0303601F: MILSATCOM Terminals
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Exhibit R-2A, RDT&E Project Justification: FY 2018 Air Force			Date: May 2017
1	PE 0303601F I MILSATCOM Terminals	672490 <i>Ì F</i>	umber/Name) amily of Advanced Beyond Line- rminals (FAB-T)

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

			FY 2018	FY 2018	FY 2018					Cost To	
Line Item	FY 2016	FY 2017	<u>Base</u>	<u>oco</u>	<u>Total</u>	FY 2019	FY 2020	FY 2021	FY 2022	Complete	Total Cost

Remarks

Other program funding listed in FY14-15 is only for the FAB-T program. In FY16, all of the listed Other Program Funding in PE 030601F transferred to PE 0303001F.

D. Acquisition Strategy

In September 2002 the program office awarded Boeing the System Development and Demonstration (SDD) Cost Plus Award Fee (CPAF) contract; in April 2012 the contract was converted to a Firm Fixed Price (FFP). In 2012 the government introduced competition into the acquisition strategy to reduce risk in delivering this capability as well as to drive down production costs. In September 2012 the program office awarded a System Development and Demonstration (SDD) contract to Raytheon, Firm Fixed Price (FFP). To ensure best value to the government, the Air Force awarded production contracts in September 2013 to both contractors (Boeing and Raytheon). The production contracts began with production planning for both contractors. In June 2014, the Air Force down-selected to Raytheon for development and production of FAB-T Command Post Terminals. Production contract options to produce CPT terminals will be exercised after a successful Milestone C.

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: FY 2018 Air Force

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0303601F I MILSATCOM Terminals

Project (Number/Name)

672490 Î Family of Advanced Beyond Line-

Date: May 2017

of-Sight Terminals (FAB-T)

Product Developmen	nt (\$ in Mi	llions)		FY 2	2016	FY 2	2017	FY 2 Ba	2018 se	FY 2		FY 2018 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
FAB-T Development (Prior down-select)	C/FFP	Boeing : Huntington Beach, CA	12.536	0.000		0.000		0.000		0.000		0.000	0.000	12.536	-
FAB-T Development	C/FFP	Raytheon : Marlborough, MA	112.906	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
PNVC Integrator Technical Mission Analysis (FFRDC)	C/CPAF	MITRE : Bedford, MA	0.000	2.197		0.000		0.000		0.000		0.000	0.000	2.197	-
PNVC Integrator Enterprise SE&I	C/CPAF	Aerospace : Los Angeles, CA	0.000	0.450		0.000		0.000		0.000		0.000	0.000	0.450	-
PNVC Integrator	C/FP	Raytheon : TBD	0.000	5.295		0.000		0.000		0.000		0.000	0.000	5.295	-
		Subtotal	125.442	7.942		0.000		0.000		0.000		0.000	-	-	-

Support (\$ in Million	ıs)			FY 2	2016	FY 2	2017		2018 ise	FY 2		FY 2018 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
Engineering DMS (FFRDC)	SS/CPAF	MITRE : Bedford, MA	9.362	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	_
GFE DMS	MIPR	Various : Various	0.596	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
Engineering DMS	MIPR	Linquest : El Segundo, CA	1.945	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	_
SW Engineering DMS (FFRDC)	SS/CPAF	SEI : Pittsburgh, PA	0.400	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
Crypto Support DMS	MIPR	NSA : Ft Meade, MD	2.892	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
SATSIM	SS/TBD	MIT Lincoln Labs : Lexington, MA	4.735	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	_
Depot Activation DMS	РО	517 SMXS : HILL AFB, UT	0.431	0.000		0.000		0.000		0.000		0.000	0.000	0.431	-
		Subtotal	20.361	0.000		0.000		0.000		0.000		0.000	-	-	-

Remarks

SATSIM contract is Cost Reimbursable, it is not in drop-down menu.

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Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Air Force

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0303601F I MILSATCOM Terminals

Project (Number/Name)

Date: May 2017

672490 Î Family of Advanced Beyond Line-

of-Sight Terminals (FAB-T)

Test and Evaluation	(\$ in Milli	ons)		FY 2	2016	FY 2	2017	FY 2 Ba		FY 2		FY 2018 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
Government Test & RTO Support	Various	Various : Various	3.551	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
Developmental Test Support	SS/CPAF	MIT/LL : Bedford, MA	18.827	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
PNVC Integrator Test Support	PO	46 Test Squadron : TBD	0.000	0.700		0.000		0.000		0.000		0.000	0.000	0.700	-
		Subtotal	22.378	0.700		0.000		0.000		0.000		0.000	-	-	-

Management Service	s (\$ in M	illions)		FY 2	2016	FY 2	2017	FY 2 Ba	2018 ise	FY 2	2018 CO	FY 2018 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
Systems Engineering Support	C/CPAF	MITRE : Bedford, MA	5.280	0.000		0.000		0.000		0.000		0.000	0.000	5.280	-
FFRDC SE Support	MIPR	Aerospace : Los Angeles, CA	1.428	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
ETASS (Engineering & Technology Acq Spt Services) (PMA)	C/CPFF	TBD : TBD	2.101	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
PASS (Professional Acq Spt Services) (PMA)	C/CPFF	BTAS : Bever Creek, OH	2.532	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
SCS (Specialized Cost Services) (PMA)	C/CPFF	Tecolote : Bedford, MA	0.000	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
SPO Cost & Indirect (PMA)	Various	Various : Various	1.080	0.000		0.000		0.000		0.000		0.000	Continuing	Continuing	-
PNVC Integrator ETASS	C/CPFF	Various : TBD	0.000	0.358		0.000		0.000		0.000		0.000	0.000	0.358	-
		Subtotal	12.421	0.358		0.000		0.000		0.000		0.000	-	-	_

Remarks

PASS awarded 2st quarter FY15. ETASS recompete 4th quarter FY15.

PE 0303601F: MILSATCOM Terminals

Air Force

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	ment (Number/Na ILSATCOM Termina	als 672	ect (Number 490 / Family	,	- d D	
		01-3	ight Terminal	s (FAB-T)	еа веуо	าd Line-
Prior Years FY 2016 FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals 180.602 9.000 0.000	0.000	0.000	0.000	-	-	-

PE 0303601F: MILSATCOM Terminals

Air Force

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Exhibit R-4, RDT&E Schedule Profile: FY 20	18 Air F	orce																		I	Date	: Ma	ay 20	017			
ppropriation/Budget Activity 600 / 7								R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals								Project (Number/Name) 672490 I Family of Advanced Beyond Line of-Sight Terminals (FAB-T)											
	F				FY 2016 FY 20)17		FY	FY 2018						FY 2	2020		FY 2021			FY 2		2022	022		
	1	2	3	4	1	2	3	4 1	1 2	2 3	4	1	2	3	4	1	2	3	4	1	2		4	1	2	3	4
FAB-T Raytheon Development Contract					·		,	,		·																	

PE 0303601F: MILSATCOM Terminals
Air Force

Exhibit R-4A, RDT&E Schedule Details: FY 2018 Air Force			Date: May 2017
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303601F / MILSATCOM Terminals	672490 <i>Ì F</i>	umber/Name) iamily of Advanced Beyond Line- irminals (FAB-T)

Schedule Details

	St	art	End				
Events	Quarter	Year	Quarter	Year			
FAB-T Raytheon Development Contract	1	2016	1	2016			

Note

Raytheon development contract awarded 4Q FY12. Production planning contracts awarded 4Q FY13.

PE 0303601F: MILSATCOM Terminals Air Force

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