

UNCLASSIFIED

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: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	PE 0305116F / <i>Aerial Targets</i>											
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	-	10.616	8.639	2.515	-	2.515	3.081	2.357	1.460	1.519	Continuing	Continuing
675136: <i>Target Systems Development</i>	-	2.477	3.869	0.842	-	0.842	1.934	1.933	1.460	1.519	Continuing	Continuing
675366: <i>QF-16</i>	-	8.139	4.770	1.673	-	1.673	1.147	0.424	-	-	-	16.153

A. Mission Description and Budget Item Justification

Full-scale and subscale targets assure warfighter's weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial Targets provide adherence to Public Law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Target drones are essential for development testing/operational testing for all air-to-air and surface-to-air missiles, and for the F-22A, F-35, F-18, F-16, F-15, etc., aircraft. The objective is to provide realistic targets for missile testing to enable the development of offensive counter-air systems (air-to-air and surface-to-air) capable of defeating changing enemy airborne threats. This program element funds development, improvements, and updates of full-scale/subscale aerial targets and target control systems to ensure aerial targets represent enemy threat airborne systems. Specialized target payload subsystems are developed for requirements to include but not limited to missile scoring, electronic attack, electronic countermeasures and infrared (IR) countermeasures, radar and IR signature augmentation, and chaff and flare dispensing systems.

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.

The FY2016 funding request was reduced by \$2.350 million to account for the availability of prior execution balances.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	17.773	8.639	8.483	-	8.483
Current President's Budget	10.616	8.639	2.515	-	2.515
Total Adjustments	-7.157	-	-5.968	-	-5.968
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-6.893	-			
• SBIR/STTR Transfer	-0.264	-			
• Other Adjustments	-	-	-5.968	-	-5.968

UNCLASSIFIED

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 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305116F I Aerial Targets	
<u>Change Summary Explanation</u> FY14: -\$6.893 million reprogrammed in the FY14 OMNIBUS for higher Air Force priorities. FY16: \$3.618 million reprogrammed in support of higher Air Force priorities, escalation. \$2.350 million reduced to better align funding with the development schedule.		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>				Project (Number/Name) 675136 / <i>Target Systems Development</i>			
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
675136: <i>Target Systems Development</i>	-	2.477	3.869	0.842	-	0.842	1.934	1.933	1.460	1.519	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Full-scale aerial targets, subscale aerial targets, and companion Target Control Systems (TCS) assure the effectiveness and currency of warfighter weapon systems to combat real-world enemy fighters and cruise missiles. The BQM-167A Air Force Subscale Aerial Target (AFSAT) is a jet-powered drone aircraft measuring approximately 20 feet long with a mission to simulate threat aircraft for testing and evaluation of surface-to-air, ship-to-air, or air-to-air missiles. The target accomplishes this mission through the use of optional payloads including chaff and flare, electronic attack, and infrared devices. Funding supports continued improvement of launch phase performance and overall performance enhancement efforts. Funding supports development, improvements, and updates of target control systems and specialized target payload subsystems for requirements to include but not limited to missile scoring, electronic attack and infrared (IR) countermeasures, radar and IR signature augmentation, and chaff and flare dispensing systems. Electronic Attack (EA) pod upgrade provides new techniques and capabilities critical to subscales to realistically emulate foreign threat systems. TCS provides a myriad of sub-systems that together delivers the capability to control and track mission aerial targets (full scale and subscale) and to track a mix of other critical mission participants (to include relay platforms, shooters, and the missile system under test). In this role, TCS ensures an optimum integrated aerial target environment that enhances both weapon system assessments and companion aircrew skills, all the while assuring the full safety of mission participants throughout the conduct and fulfillment of T&E objectives. Funding supports continued improvement (modernization) of TCS capabilities to effectively meet the multi-service T&E demands of current and future warfighter weapon systems.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2014	FY 2015	FY 2016
Title: BQM-167A Development	0.587	0.447	0.049
Description: Provide enhancements to the radar cross section and infrared signature with accompanying test and integration. Begin development activities for an alternate launch system.			
FY 2014 Accomplishments: Continued RCS implementation and BQM-167A improvement efforts. Conducted research and analysis on potential affordable, subscale aerial target platform concepts that represent 4th and 5th generation threat capabilities/characteristics and support user requirements generation and acquisition actions to procure a follow-on vehicle and alternate launch capabilities to the current AFSAT platform.			
FY 2015 Plans: Continue RCS implementation and BQM-167A improvement efforts. Conduct research and analysis on potential affordable, subscale aerial target platform concepts that represent 4th and 5th generation threat capabilities/characteristics and support user			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>	Project (Number/Name) 675136 / <i>Target Systems Development</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015
requirements generation and acquisition actions to procure a follow-on vehicle and alternate launch capabilities to the current AFSAT platform. Begin development activities and improve target endurance.			
FY 2016 Plans: Continue RCS implementation and BQM-167A improvement efforts. Conduct research and analysis on potential affordable, subscale aerial target platform concepts that represent 4th and 5th generation threat capabilities/characteristics and support user requirements generation and acquisition actions to procure a follow-on vehicle and alternate launch capabilities to the current AFSAT platform. Continue development activities and improve target endurance.			
Title: Target Control System Description: Provide system modernization enhancements to Target Control System (Gulf Range Drone Control System, GRDCS) for command and control and tracking of Aerial Targets. FY 2014 Accomplishments: Continued system modernization enhancements to Target Control System to include but not limited to GRDCS Modernization, Advanced Command Destruct System RF capabilities upgrade for command and control and tracking of Aerial Targets, Loss of Carrier (LOC) Waypoint, and completed data link system - replacement (DLS-r) prototype development. FY 2015 Plans: Continue system modernization enhancements to include but not limited to Target Control System for command and control, tracking of Aerial Targets, Utah Test and Training Range (UTTR) Upgrade, and Loss of Carrier (LOC) Waypoint. FY 2016 Plans: Continue system modernization enhancements to include but not limited to Target Control System for command and control, tracking of Aerial Targets, Utah Test and Training Range (UTTR) Upgrade, and Loss of Carrier (LOC) Waypoint.		1.890	2.922
Title: Digital Radio Frequency Memory (DRFM) Description: Upgrade existing and develop new electronic attack (EA) pod hardware and software used on QF-4, QF-16, and subscales to emulate adversary EA tactics and techniques. FY 2014 Accomplishments: N/A FY 2015 Plans: Upgrade existing and develop new EA pod hardware and software used on QF-4, QF-16, and subscales to emulate adversary EA tactics and techniques. FY 2016 Plans:		-	0.500
			0.094

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>				Project (Number/Name) 675136 / <i>Target Systems Development</i>				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2014	FY 2015	FY 2016
Upgrade existing and develop new electronic attack (EA) pod hardware and software used on QF-4, QF-16, and subscales to emulate adversary EA tactics and techniques.												
Accomplishments/Planned Programs Subtotals										2.477	3.869	0.842
C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• APAF:BA04: Line Item # 10TRGT: <i>Target Drones</i>	123.669	98.576	132.028	-	132.028	138.541	142.208	137.931	141.175	Continuing	Continuing	
• APAF: BA06: Line Item # 000999: <i>Initial Spares/Repair Parts</i>	1.750	0.653	0.558	-	0.558	0.600	0.600	0.589	0.599	Continuing	Continuing	
• APAF: BA07: Line Item # 000074: <i>War Consumables</i>	-	5.212	4.427	-	4.427	4.500	4.590	4.674	4.753	Continuing	Continuing	
• APAF: BA07: Line Item # 000075: <i>Other Production Charges</i>	13.515	21.307	7.969	-	7.969	13.655	13.264	11.862	12.029	Continuing	Continuing	
• OPAF: BA03: Line Item # 834190: <i>Combat Training Ranges</i>	2.492	3.054	-	-	-	-	-	-	-	-	-	
Remarks												
D. Acquisition Strategy												
The AFSAT acquisition strategy is sole source follow-on with fixed price and time and materials contracts. The Target Control System acquisition strategy includes several small projects to provide enhancements to Target Control System (to include GRDCS) and will be accomplished with other government agencies and contracts as needed.												
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.												

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets				Project (Number/Name) 675136 / Target Systems Development					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Air Force Subscale Aerial Target (AFSAT) Product Improvements	SS/FFP	NAWC : Pt Mugu, CA	-	0.587	Jan 2014	0.447	Jan 2015	0.049	Jan 2016	-		0.049	Continuing	Continuing	-
Target Control System	Various	Various : ,	-	1.430	Jan 2014	2.478	Jan 2015	0.479	Jan 2016	-		0.479	Continuing	Continuing	-
Digital Radio Frequency Memory (DRFM)	Various	Various : Pt Mugu, CA	-	-		0.500	Jan 2015	0.094	Jan 2016	-		0.094	Continuing	Continuing	-
Subtotal			-	2.017		3.425		0.622		-		0.622	-	-	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Subtotal			-	-		-		-		-		-	-	-	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Subtotal			-	-		-		-		-		-	-	-	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Target Control System Program Management Administration (PMA)	Various	Various : Eglin AFB, FL	-	0.460		0.444		0.220		-		0.220	Continuing	Continuing	-
Subtotal			-	0.460		0.444		0.220		-		0.220	-	-	-

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force										Date: February 2015			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>				Project (Number/Name) 675136 / <i>Target Systems Development</i>				
	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	2.477		3.869		0.842		-		0.842	-	-	-
Remarks													

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force	Date: February 2015
---	----------------------------

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>	Project (Number/Name) 675136 / <i>Target Systems Development</i>
--	---	--

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
BQM-167A: RCS Implementation																												
BQM-167A: Alternate Launch Activity																												
TCS: Modernization																												
Utah Test and Training Range (UTTR) Upgrade																												
Loss of Carrier (LOC) Waypoint																												
TCS: Advanced Command Destruct Systems (ACDS) Development																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>	Project (Number/Name) 675136 / <i>Target Systems Development</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
BQM-167A: RCS Implementation	1	2014	2	2016
BQM-167A: Alternate Launch Activity	3	2017	4	2020
TCS: Modernization	1	2014	4	2020
Utah Test and Training Range (UTTR) Upgrade	1	2015	2	2016
Loss of Carrier (LOC) Waypoint	2	2014	2	2016
TCS: Advanced Command Destruct Systems (ACDS) Development	1	2014	3	2015

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets				Project (Number/Name) 675366 / QF-16			
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
675366: QF-16	-	8.139	4.770	1.673	-	1.673	1.147	0.424	-	-	-	16.153
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Full-scale targets assure warfighters weapon systems perform effectively against real-world enemy fighters and cruise missiles. Aerial Targets support adherence to Public Law Title 10, Section 2366, which requires major systems and munitions programs to conduct survivability and lethality testing before full-rate production. The Aerial Targets program provides drones to satisfy "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter operational flight program (OFP) updates. Target drones are required for developmental/operational testing for all air-to-air and surface-to-air missiles, and for the F-22A, F-35, F-18, F-16, F-15, etc., aircraft. The United States Air Force's (USAF) Air Superiority Modernization/ Mission Area Plan has identified aerial targets as a capability shortfall; the QF-16 program will fulfill this requirement. Funding supports continued development of the follow-on full-scale aerial target (QF-16) and simulators, development, improvements, and updates of target control systems and specialized target payload subsystems for requirements such as: missile scoring, electronic attack and infrared (IR) countermeasures, radar and IR signature augmentation, and chaff and flare dispensing systems. Electronic Attack (EA) pod upgrade provides new techniques and capabilities critical to QF-16s to realistically emulate foreign threat systems.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2014	FY 2015	FY 2016
Title: QF-16 Development Program Description: QF-16 Development Program FY 2014 Accomplishments: Finalized EMD development contract, drone package integration, and DT/OT. Conducted studies and analysis, including two seater effort, Electronic Flight Termination System / Loss of Carrier (EFTS/LOC), and Future F-16 Block Studies and Development . FY 2015 Plans: Continue threat realism improvements to include but not limited to radar cross section (RCS) reduction and upward/forward firing IR countermeasures. Conduct studies and analysis, including Future F-16 Block Studies and Development . FY 2016 Plans: Preliminary development of two seat trainer and continue threat realism improvements. Conduct studies and analysis, including Future F-16 Block Studies and Development .	4.281	4.770	1.673
Title: F-16 Regeneration (QF-16) Description: F-16 Regeneration FY 2014 Accomplishments:	3.858	-	-

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>	Project (Number/Name) 675366 / <i>QF-16</i>	

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016
Completed support of Government DT/OT & programmatic efforts in support of QF-16 development program.			
FY 2015 Plans: N/A			
FY 2016 Plans: N/A			
Accomplishments/Planned Programs Subtotals	8.139	4.770	1.673

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

<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u> <u>Base</u>	<u>FY 2016</u> <u>OCO</u>	<u>FY 2016</u> <u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APAF: BA 04: Line Item # 10TRGT: <i>Target Drones</i>	123.669	98.576	132.028	-	132.028	138.541	142.208	137.931	141.175	Continuing	Continuing
• APAF: BA 06: Line Item # 000999: <i>Initial Spares/Repair Parts</i>	1.750	0.653	0.558	-	0.558	0.600	0.600	0.589	0.599	Continuing	Continuing
• APAF: BA 07: Line Item # 000074: <i>War Consumables</i>	-	5.212	4.427	-	4.427	4.500	4.590	4.674	4.753	Continuing	Continuing
• APAF: BA 07: Line Item # 000075: <i>Other Production Charges</i>	13.515	21.307	7.969	-	7.969	13.655	13.264	11.862	12.029	Continuing	Continuing
• OPAF: BA 03: Line Item # 834190: <i>Combat Training Ranges</i>	2.492	3.054	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The QF-16 acquisition strategy is a fixed price incentive firm, time and materials development contract with fixed price production options (Lots 1-5).

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.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets				Project (Number/Name) 675366 / QF-16					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Development of Drone Peculiar Equipment	C/Various	The Boeing Company : Saint Louis, MO	-	6.990		4.770	Mar 2015	1.673	Dec 2015	-		1.673	Continuing	Continuing	-
Subtotal			-	6.990		4.770		1.673		-		1.673	-	-	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
QF-16 Program Support	Various	AAC/EBYA: Eglin AFB, FL; AMARG: Tucson, AZ; 162d ANG: Tucson, AZ; OO-ALC: Hill AFB, UT : Various,	-	0.858		-		-		-		-	Continuing	Continuing	-
Subtotal			-	0.858		-		-		-		-	-	-	-
Remarks															
The funds for the DRFM Electronic Attack Pods will be sent via MIPR to Pt Mugu for obligation and execution.															
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Subtotal			-	-		-		-		-		-	-	-	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
QF-16 Program Mangement Administration (PMA)	Various	Various : Eglin AFB, FL	-	0.291		-		-		-		-	Continuing	Continuing	-

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force												Date: February 2015		
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>				Project (Number/Name) 675366 / <i>QF-16</i>				

Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		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
Subtotal			-	0.291		-		-		-		-	-	-	-

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	8.139	4.770	1.673	-	1.673	-	-	-

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force

Date: February 2015

Appropriation/Budget Activity







3600 / 7

R-1 Program Element (Number/Name)

PE 0305116F / Aerial Targets

Project (Number/Name)

675366 / QF-16

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
Development Testing/Operational Testing (DT/OT)																												
Threat Realism Improvements																												
2-Seater Trainer Study																												
2-Seater Trainer Preliminary Development																												
Electronic Flight Termination System / Loss of Carrier																												
Future F-16 Block Studies and Development																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>	Project (Number/Name) 675366 / <i>QF-16</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Development Testing/Operational Testing (DT/OT)	1	2014	4	2014
Threat Realism Improvements	3	2014	4	2018
2-Seater Trainer Study	3	2014	3	2015
2-Seater Trainer Preliminary Development	3	2016	4	2017
Electronic Flight Termination System / Loss of Carrier	4	2014	3	2017
Future F-16 Block Studies and Development	3	2015	4	2018