

UNCLASSIFIED

PE NUMBER: 0605712F

PE TITLE: Initial Operational Test & Evaluation

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2007
---	------------------------------

BUDGET ACTIVITY 06 RDT&E Management Support	PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation
--	---

Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	28.184	34.670	30.203	29.783	30.055	29.960	30.543	31.169	Continuing	TBD
0191 Initial Operational Test & Eval	28.184	34.670	30.203	29.783	30.055	29.960	30.543	31.169	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

Initial Operational Test and Evaluation (IOT&E) is conducted to determine the operational effectiveness and suitability of systems undergoing research and development (R&D) efforts. It is an evaluation of a system's performance when the complete system is tested and evaluated against operational criteria by personnel with the same qualifications as those who will operate, maintain and support the system when deployed. In general, IOT&E is performed on new systems in development, major modifications, and other systems as directed. This PE funds Congressionally mandated IOT&E to support major weapon system acquisition decisions beyond Low-Rate Initial Production (LRIP), Milestone C, full rate production, fielding, and declaration of Initial Operational Capability (IOC). For major systems designated for use in combat, the law requires IOT&E be completed under realistic field conditions before proceeding beyond LRIP. IOT&E will be planned to completely and unambiguously answer all critical operational issues (COI) as thoroughly as possible. This PE funds the OT participation in Combined Developmental Test/Operational Test (DT/OT), the Air Force participation in Multiservice Operational Test and Evaluation (MOT&E), and Follow-on Operational Test and Evaluation (FOT&E) when it is the continuation of IOT&E activities past the full rate production decision. FOT&E answers specific questions about unresolved COIs and test issues, or completes areas not finished during the IOT&E. This PE also funds related operational test and evaluation (OT&E) activities such as, Operational Utility Evaluations (OUE), Early Operational Assessments (EOA) and Operational Assessments (OA), and independent IOT&E which support major milestones and decision points prior to Milestone C, full rate production, fielding, or declaration of IOC. IOT&E programs are identified in several system categories: Air; Space; Weapons; Command, Control, Communications, Computers, and Intelligence (C4I); Combat Support; and Test Support. Air Force Operational Test and Evaluation Center (AFOTEC) obtains general support services from contracts awarded after employing full and open competition contracting strategies.

This program element is in Budget Activity 6, RDT&E Management Support, because it funds weapon system IOT&E tests conducted to evaluate a system's operational effectiveness and suitability and to identify any operational deficiencies or need for modifications in support of the acquisition process.

Exhibit R-2, RDT&E Budget Item Justification

DATE

February 2007

BUDGET ACTIVITY

06 RDT&E Management Support

PE NUMBER AND TITLE

0605712F Initial Operational Test & Evaluation

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	34.122	34.802	29.880	29.386
(U) Current PBR/President's Budget	28.184	34.670	30.203	29.783
(U) Total Adjustments	-5.938			
(U) Congressional Program Reductions				
Congressional Rescissions				
Congressional Increases				
Reprogrammings	-5.152			
SBIR/STTR Transfer	-0.786			
(U) <u>Significant Program Changes:</u>				

Exhibit R-2a, RDT&E Project Justification

DATE
February 2007

BUDGET ACTIVITY 06 RDT&E Management Support					PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation			PROJECT NUMBER AND TITLE 0191 Initial Operational Test & Eval		
Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
0191 Initial Operational Test & Eval	28.184	34.670	30.203	29.783	30.055	29.960	30.543	31.169	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

Initial Operational Test and Evaluation (IOT&E) is conducted to determine the operational effectiveness and suitability of systems undergoing research and development (R&D) efforts. It is an evaluation of a system's performance when the complete system is tested and evaluated against operational criteria by personnel with the same qualifications as those who will operate, maintain and support the system when deployed. In general, IOT&E is performed on new systems in development, major modifications, and other systems as directed. This PE funds Congressionally mandated IOT&E to support major weapon system acquisition decisions beyond Low-Rate Initial Production (LRIP), Milestone C, full rate production, fielding, and declaration of Initial Operational Capability (IOC). For major systems designated for use in combat, the law requires IOT&E be completed under realistic field conditions before proceeding beyond LRIP. IOT&E will be planned to completely and unambiguously answer all critical operational issues (COI) as thoroughly as possible. This PE funds the OT participation in Combined Developmental Test/Operational Test (DT/OT), the Air Force participation in Multiservice Operational Test and Evaluation (MOT&E), and Follow-on Operational Test and Evaluation (FOT&E) when it is the continuation of IOT&E activities past the full rate production decision. FOT&E answers specific questions about unresolved COIs and test issues, or completes areas not finished during the IOT&E. This PE also funds related operational test and evaluation (OT&E) activities such as, Operational Utility Evaluations (OUE), Early Operational Assessments (EOA) and Operational Assessments (OA), and independent IOT&E which support major milestones and decision points prior to Milestone C, full rate production, fielding, or declaration of IOC. IOT&E programs are identified in several system categories: Air; Space; Weapons; Command, Control, Communications, Computers, and Intelligence (C4I); Combat Support; and Test Support. Air Force Operational Test and Evaluation Center (AFOTEC) obtains general support services from contracts awarded after employing full and open competition contracting strategies.

This program element is in Budget Activity 6, RDT&E Management Support, because it funds weapon system IOT&E tests conducted to evaluate a system's operational effectiveness and suitability and to identify any operational deficiencies or need for modifications in support of the acquisition process.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) (U) CATEGORY: AIR SYSTEMS. Plan, execute, and report IOT&E activities, to include:	16.750	23.534	15.580	19.487

- FY06
- ALR-69A Radar Warning Receiver Capability Improvement (ALR-69A RWR CI): Conduct OA.
 - AOA-10A Precision Engagement (AOA-10A PE): Conduct DT/OT.
 - B-2 Radar Modernization Program (RMP): Conduct OA and DT/OT.
 - B-52 Avionics Mid-Life Improvement (AMI): Conduct IOT&E phase 2.
 - C-130X Aircraft Modernization Program (AMP): Conduct OA.

Exhibit R-2a, RDT&E Project Justification

DATE

February 2007

BUDGET ACTIVITY

06 RDT&E Management Support

PE NUMBER AND TITLE

0605712F Initial Operational Test & Evaluation

PROJECT NUMBER AND TITLE

0191 Initial Operational Test & Eval

(U) **B. Accomplishments/Planned Program (\$ in Millions)**FY 2006FY 2007FY 2008FY 2009

- Combat Search and Rescue Vehicle (CSAR-X): Early Involvement.
- CV-22: Conduct OUE.
- E-10A: Early Involvement.
- F/A-22: Plan FOT&E.
- Global Hawk High Altitude Endurance Unmanned Aerial Vehicle (HAE UAV): Conduct OA.
- Miniature Air Launched Decoy (MALD): Planning for OA.
- MQ-9: Planning IOT&E and conduct OA.
- Other systems.

FY07

- ALR-69A Radar Warning Receiver Capability Improvement (ALR-69A RWR CI): Planning for IOT&E.
- AOA-10A Precision Engagement (AOA-10A PE): Conduct OUE.
- B-2 Radar Modernization Program (RMP): Conduct OA and DT/OT.
- C-130X Aircraft Modernization Program (AMP): Conduct DT/OT.
- Combat Search and Rescue Vehicle (CSAR-X): Early Involvement.
- CV-22: Planning for IOT&E.
- E-10A: Early Involvement.
- F/A-22: Conduct FOT&E.
- Global Hawk High Altitude Endurance Unmanned Aerial Vehicle (HAE UAV): Conduct OUE.
- Miniature Air Launched Decoy (MALD): Conduct OA, planning for IOT&E.
- MQ-9: Planning for IOT&E.
- Other systems.

FY08

- ALR-69A Radar Warning Receiver Capability Improvement (ALR-69A RWR CI): Conduct IOT&E.
- AOA-10A Precision Engagement (AOA-10A PE): Conduct IOT&E.
- B-2 Radar Modernization Program (RMP): Conduct IOT&E, planning for FOT&E.
- B-52 COmbat NETwork Communications Technology (CONNECT): Conduct OA.
- C-130X Aircraft Modernization Program (AMP): Plan and conduct IOT&E.
- Combat Search and Rescue Vehicle (CSAR-X): Planning for OA.

R-1 Line Item No. 109

Page-4 of 12

Project 0191

Exhibit R-2a (PE 0605712F)

1272

Exhibit R-2a, RDT&E Project Justification	DATE February 2007
--	------------------------------

BUDGET ACTIVITY 06 RDT&E Management Support	PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation	PROJECT NUMBER AND TITLE 0191 Initial Operational Test & Eval
---	--	---

(U) <u>B. Accomplishments/Planned Program (\$ in Millions)</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<ul style="list-style-type: none"> - CV-22: Conduct IOT&E. - E-10A: Early Involvement. - F/A-22: Planning for FOT&E. - Global Hawk High Altitude Endurance Unmanned Aerial Vehicle (HAE UAV): Conduct OUE, planning for IOT&E. - HC-130 Recapitalization (RECAP): Early Involvement. - KC-135 Replacement Program (KC-X): Planning for OA. - Large Aircraft Infrared Countermeasures Phase II (LAIRCM Phase II): Conduct IOT&E. - Miniature Air Launched Decoy (MALD): Conduct OA, planning for IOT&E. - MQ-9: Conduct IOT&E. - Other systems. FY09 - B-2 Radar Modernization Program (RMP): Conduct FOT&E. - B-52 COMbat NETwork Communications Technology (CONNECT): Conduct IOT&E. - C-130X Aircraft Modernization Program (AMP): Complete IOT&E. - Combat Search and Rescue Vehicle (CSAR-X): Conduct OA. - E-10A: Early Involvement. - F/A-22: Conduct FOT&E. - Global Hawk High Altitude Endurance Unmanned Aerial Vehicle (HAE UAV): Conduct IOT&E. - HC-130 Recapitalization (RECAP): Early Involvement. - KC-135 Replacement Program (KC-X): Conduct OA. - Miniature Air Launched Decoy (MALD): Conduct IOT&E. - Other systems. 				
<p>(U) (U) CATEGORY: SPACE SYSTEMS. Plan, execute, and report IOT&E activities, to include:</p> <p>FY06</p> <ul style="list-style-type: none"> - Advanced EHF Satellite Communications (Advanced EHF): DT/OT. - Combat Commanders Integrated Command & Control System-Increment 2 (CCIC2S Increment 2): DT/OT. - Global Broadcast System (GBS): Conduct DT/OT and MOT&E. 	1.830	1.744	1.724	1.616

Exhibit R-2a, RDT&E Project Justification

DATE

February 2007

BUDGET ACTIVITY

06 RDT&E Management Support

PE NUMBER AND TITLE

0605712F Initial Operational Test & Evaluation

PROJECT NUMBER AND TITLE

0191 Initial Operational Test & Eval

(U) **B. Accomplishments/Planned Program (\$ in Millions)**FY 2006FY 2007FY 2008FY 2009

- Global Positioning System/GPS III (GPS-III): Conduct OUE.
- National Polar-Orbit Ops Environment Satellite System (NPOESS): Planning OA2.
- Space Based Infrared System (SBIRS): Conduct OUE.
- Space Radar (SR): Early Involvement.
- Transformational Satellite Communications System (TSAT): Early Involvement.
- Upgraded Early Warning Radar (UEWR): Conduct IOT&E.
- Wideband Gapfiller Satellite (WGS): Early Involvement.
- Other systems.

FY07

- Advanced EHF Satellite Communications (Advanced EHF): Conduct DT/OT.
- Combat Commanders Integrated Command & Control System-Increment 2 (CCIC2S Increment 2): Conduct IOT&E.
- Global Positioning System/GPS-III (GPS-III): Conduct OUE.
- National Polar-Orbit Ops Environment Satellite System (NPOESS): Planning OA2.
- Operationally Responsive Spacelift (ORS): Early Involvement.
- Space Based Infrared System (SBIRS): Complete OUE and DT/OT.
- Space Radar (SR): Early Involvement.
- Transformational Satellite Communications System (TSAT): Early Involvement.
- Upgraded Early Warning Radar (UEWR): Publish Final Report.
- Wideband Gapfiller Satellite (WGS): Planning for MOT&E.
- Other systems.

FY08

- Advanced EHF Satellite Communications (Advanced EHF): Conduct OUE.
- Enhance Polar Satellite Communications (EPS): Early Involvement.
- National Polar-Orbit Ops Environment Satellite System (NPOESS): Conduct OA2.
- Space Based Space Surveillance Pathfinder System Block 10 (SBSS Block 10): Conduct IOT&E.
- Space Based Infrared System (SBIRS): Conduct OUE.
- Space Radar (SR): Conduct EOA.
- Transformational Satellite Communications System (TSAT): Conduct OA1.
- Wideband Gapfiller Satellite (WGS): Conduct MOT&E.

Exhibit R-2a, RDT&E Project Justification	DATE February 2007
--	------------------------------

BUDGET ACTIVITY 06 RDT&E Management Support	PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation	PROJECT NUMBER AND TITLE 0191 Initial Operational Test & Eval
---	--	---

(U) <u>B. Accomplishments/Planned Program (\$ in Millions)</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
- Other systems. FY09 - Enhance Polar Satellite Communications (EPS): Early Involvement. - National Polar-Orbit Ops Environment Satellite System (NPOESS): Conduct OA2. - Space Based Space Surveillance Pathfinder System Block 10 (SBSS Block 10): Conduct IOT&E. - Space Based Infrared System (SBIRS): Conduct OUE. - Space Radar (SR): Conduct EOA. - Transformational Satellite Communications System (TSAT): Conduct OA1. - Wideband Gapfiller Satellite (WGS): Conduct MOT&E. - Other systems.				
(U) (U) CATEGORY: WEAPONS. Plan, execute, and report IOT&E activities, to include: FY06 - Common Aero Vehicle (CAV): Early Involvement. - Minuteman III Safety Enhanced Reentry Vehicle (ICBM-SERV): Conduct IOT&E and publish final report. - Joint Air-to-Surface Standoff Missile (JASSM): Publish final report. - Joint Air-to-Surface Standoff Missile Extended Range (JASSM-ER): Planning for DT/OT. - Land Based Strategic Deterrent (LBSD): Early Involvement. - Small Diameter Bomb (SDB): Conduct IOT&E. - Wind Corrected Munitions Dispenser Extended Range (WCMD-ER): Conduct OUE. - Other systems. FY07 - Common Aero Vehicle (CAV): Early Involvement. - Joint Air-to-Surface Standoff Missile Extended Range (JASSM-ER): Conduct DT/OT. - Land Based Strategic Deterrent (LBSD): Early Involvement. - Small Diameter Bomb (SDB): Publish final report. - Other systems.	3.679	0.524	5.534	1.311

Exhibit R-2a, RDT&E Project Justification		DATE February 2007			
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT NUMBER AND TITLE			
06 RDT&E Management Support	0605712F Initial Operational Test & Evaluation	0191 Initial Operational Test & Eval			
(U) B. Accomplishments/Planned Program (\$ in Millions)		<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
FY08					
- AIM-9X Block II: Conduct IOT&E.					
- Common Aero Vehicle (CAV): Early Involvement.					
- Joint Air-to-Surface Standoff Missile Extended Range (JASSM-ER): Conduct IOT&E.					
- Land Based Strategic Deterrent (LBSD): Early Involvement.					
- Other systems.					
FY09					
- Common Aero Vehicle (CAV): Early Involvement.					
- Joint Air-to-Surface Standoff Missile Extended Range (JASSM-ER): Conduct IOT&E.					
- Land Based Strategic Deterrent (LBSD): Early Involvement.					
- Other systems.					
(U) (U) CATEGORY: COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INTELLIGENCE (C4I). Plan, execute, and report IOT&E activities, to include:		4.051	4.801	6.474	6.450
FY06					
- Air Force Tactical Data Links (AF TDL): Early Involvement.					
- Air Operations Center as a Weapons System (AOC): Planning and Execution throughout spiral development.					
- Airborne Signals Intelligence Payload (ASIP): Planning for DT/OT.					
- Battle Control Systems-Mobile (BCS-M): Early Involvement.					
- Cobra Judy Replacement (CJR): Conduct EOA.					
- Distributed Common Ground System (DCGS): Early Involvement.					
- Expeditionary Combat Support System (ECSS): Early involvement.					
- Family of Advanced Beyond Line Of Sight Terminals (FAB T): Plan and conduct OA.					
- Integrated Broadcast System (IBS): Conduct OA.					
- Joint Command and Control Capability (JC2): Early Involvement.					
- Joint Interface Control Officer (JICO) Support System (JSS): Conduct OA.					
- Mobile Approach Control System (MACS): Conduct DT/OT.					
- Multi-Mission Payload (MMP): Early Involvement.					
- Mark XIIA MODE 5 IFF (MODE 5): Early involvement.					

Exhibit R-2a, RDT&E Project Justification		DATE
BUDGET ACTIVITY 06 RDT&E Management Support		PROJECT NUMBER AND TITLE 0191 Initial Operational Test & Eval
PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation		
(U) <u>B. Accomplishments/Planned Program (\$ in Millions)</u>	<u>FY 2006</u>	<u>FY 2007</u>
- Multi-Platform Common Data Link (MP CDL): Early Involvement.		
- Rapid Attack Identification, Detection and Reporting System (RAIDRS): Conduct OA and publish OA final report.		
- Other systems.		
 FY07		
- Air Force Tactical Data Links (AF TDL): Early Involvement.		
- Air Operations Center as a Weapons System (AOC): Planning and Execution throughout spiral development.		
- Airborne Signals Intelligence Payload (ASIP): Conduct DT/OT.		
- Battle Control Systems-Mobile (BCS-M): Conduct IOT&E.		
- Cobra Judy Replacement (CJR): Conduct OA.		
- Deliberate and Crisis Action Planning and Execution Segments Increment 2b (DCAPES 2b): Early Involvement.		
- Distributed Common Ground System (DCGS): Plan and conduct OUE.		
- Expeditionary Combat Support System (ECSS): Early involvement.		
- Family of Advanced Beyond Line Of Sight Terminals (FAB T): Conduct OA and publish OA Final Report.		
- Integrated Broadcast System (IBS): Conduct MOT&E and publish Final Report.		
- Joint Command and Control Capability (JC2): Plan and conduct IOT&E.		
- Joint Interface Control Officer (JICO) Support System (JSS): Conduct MOT&E.		
- Multi-Mission Payload (MMP): Early Involvement		
- Mark XIIA MODE 5 IFF (MODE 5): Early involvement.		
- Mobile Approach Control System (MACS): Conduct IOT&E and publish Final Report.		
- Multi-Platform Common Data Link (MP CDL): Early Involvement.		
- Rapid Attack Identification Detection and Reporting System (RAIDRS): Conduct IOT&E and publish Final Report.		
- Other systems.		
 FY08		
- Air and Space Operations Center Weapon System (AOC): DT/OT.		

Exhibit R-2a, RDT&E Project Justification

DATE

February 2007

BUDGET ACTIVITY

06 RDT&E Management Support

PE NUMBER AND TITLE

0605712F Initial Operational Test & Evaluation

PROJECT NUMBER AND TITLE

0191 Initial Operational Test & Eval

(U) **B. Accomplishments/Planned Program (\$ in Millions)**FY 2006FY 2007FY 2008FY 2009

- Air Force Distributed Common Ground System (DCGS): Conduct OUE.
- Airborne Signals Intelligence Payload (ASIP): Conduct OUE.
- B-1 Fully Integrated Data Link (FIDL): OA and Reporting.
- B-2 Extremely High Frequency Satellite Communications and Computer Upgrade Program (B-2 EHF SATCOM): Early Involvement.
- Battle Control System - Mobile Block 20 (BCS-M Blk 20): Conduct IOT&E.
- Battle Control System - Mobile Block 30 (BCS-M Blk 30): Planning
- Cobra Judy Replacement (CJR): OA and Reporting.
- Defense Business Sourcing Environment (DBSE): Conduct OA.
- Deliberate and Crisis Action Planning and Execution Segments Increment 2B (DCAPES 2b): Conduct OA.
- Department of Defense Teleport (DoD Teleport): Conduct DT/OT.
- DoD National Airspace System (DoD NAS): Planning
- Family of Advanced Beyond Line-of-Sight Terminals (FAB-T): OUE and Reporting.
- Expeditionary Combat Support System (ECSS): Planning for OA.
- Integrated Broadcast Service (IBS): Conduct OA.
- JICO Support System (JSS): Conduct MOT&E.
- Joint Tactical Radio System - Airborne Maritime Fixed (JTRS-AMF): Planning DT/OT.
- Multiple Platform-Radar Technology Insertion Program (GH 4 MP-RTIP): OUE Reporting.
- Network-Enabled Command and Control Capability (NECC): Conduct IOT&E.
- Rapid Attack Identification Detection and Reporting System Spiral II (RAIDRS Spiral II): Early Involvement.
- Rapid Attack Identification, Detection and Reporting System (RAIDRS): IOT&E Reporting.
- VC-25A AIMS: Early Involvement.
- Other systems.

FY09

- Air and Space Operations Center Weapon System (AOC): DT/OT.
- Air Force Distributed Common Ground System (DCGS): Conduct IOT&E.
- Airborne Signals Intelligence Payload (ASIP): Conduct IOT&E
- B-1 Fully Integrated Data Link (FIDL): Conduct IOT&E.

R-1 Line Item No. 109

Page-10 of 12

Project 0191

Exhibit R-2a (PE 0605712F)

Exhibit R-2a, RDT&E Project Justification	DATE February 2007
--	------------------------------

BUDGET ACTIVITY 06 RDT&E Management Support	PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation	PROJECT NUMBER AND TITLE 0191 Initial Operational Test & Eval
--	---	--

(U) <u>B. Accomplishments/Planned Program (\$ in Millions)</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<ul style="list-style-type: none"> - B-2 Extremely High Frequency Satellite Communications and Computer Upgrade Program (B-2 EHF SATCOM): Early involvement. - Battle Control System - Mobile Block 20 (BCS-M Blk 20): Final Reporting. - Battle Control System - Mobile Block 30 (BCS-M Blk 30): Early Involvement. - Cobra Judy Replacement (CJR): OA and Reporting. - Defense Business Sourcing Environment (DBSE): OA Reporting. - Deliberate and Crisis Action Planning and Execution Segments Increment 2B (DCAPES 2b): OA and Final Reporting. - DoD National Airspace System (DoD NAS): Conduct FOT&E. - Family of Advanced Beyond Line-of-Sight Terminals (FAB-T): Conduct IOT&E. - Expeditionary Combat Support System (ECSS): OA & Final Reporting. - Integrated Broadcast Service (IBS): Final Reporting. - Joint Tactical Radio System - Airborne Maritime Fixed (JTRS-AMF): DT/OT. - Multiple Platform-Radar Technology Insertion Program (GH 4 MP-RTIP): DT/OT. - Network-Enabled Command and Control Capability (NECC): Conduct IOT&E. - Rapid Attack Identification Detection and Reporting System Spiral II (RAIDRS Spiral II): Planning IOT&E. - Rapid Attack Identification, Detection and Reporting System (RAIDRS): FOT&E Reporting. - VC-25A AIMS: Early Involvement.- Air and Space Operations Center Weapon System (AOC): DT/OT. - Other systems 				
(U) (U) CATEGORY: COMBAT SUPPORT. Plan, execute, and report IOT&E activities, to include:	1.874	4.067	0.891	0.919
FY06				
<ul style="list-style-type: none"> - Common Low Observable Verification System (CLOVerS): Planning for OA. - Combat Survivor Evader Locator (CSEL): Plan for MOT&E. - Joint Mission Planning System (JMPS): Conduct IOT&E. - Large Aircraft Infrared Countermeasures Phase II (LAIRCM PHASE II): Conduct DT/OT. - Other systems. 				
FY07				

Exhibit R-2a, RDT&E Project Justification	DATE February 2007
--	------------------------------

BUDGET ACTIVITY 06 RDT&E Management Support	PE NUMBER AND TITLE 0605712F Initial Operational Test & Evaluation	PROJECT NUMBER AND TITLE 0191 Initial Operational Test & Eval
--	---	--

- | | | | | |
|---|----------------|----------------|----------------|----------------|
| (U) <u>B. Accomplishments/Planned Program (\$ in Millions)</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>FY 2008</u> | <u>FY 2009</u> |
|---|----------------|----------------|----------------|----------------|
- Common Low Observable Verification System (CLOVerS): Conduct OA and publish OA Final Report.
 - Combat Survivor Evader Locator (CSEL): Plan and Conduct MOT&E.
 - Joint Mission Planning System (JMPS): Conduct IOT&E.
 - Large Aircraft Infrared Countermeasures Phase II (LAIRCM PHASE II): Conduct DT/OT.
 - Other systems.

FY08

- Joint Mission Planning System (JMPS): Conduct IOT&E & Reporting.
- Joint Integrative Analysis & Planning Capability (JIAPC): Early Involvement.
- Large Aircraft Infrared Countermeasures Phase II (LAIRCM PHASE II): Conduct IOT&E.
- Other systems.

FY09

- Joint Mission Planning System (JMPS): Conduct IOT&E & Reporting.
- Joint Integrative Analysis & Planning Capability (JIAPC): Early Involvement.
- Other systems.

- (U) B. Budget Activity Justification
- This program element is in Budget Activity 6, RDT&E Management Support, because it funds weapon system IOT&E tests conducted to evaluate a system's operational effectiveness and suitability and to identify any operational deficiencies or need for modifications in support of the acquisition process.

(U) Total Cost	28.184	34.670	30.203	29.783
----------------	--------	--------	--------	--------

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							

(U) N/A

(U) **D. Acquisition Strategy**

N/A