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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Air Force **Date:** May 2021

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603203F / <i>Advanced Aerospace Sensors</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	40.116	35.274	44.730	0.000	44.730	-	-	-	-	-	-
63665A: <i>Advanced Aerospace Sensors Technology</i>	-	23.101	35.274	19.664	0.000	19.664	-	-	-	-	-	-
6369DF: <i>Target Attack and Recognition Technology</i>	-	17.015	0.000	25.066	0.000	25.066	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The program develops and demonstrates advanced technologies for electro-optical sensors, radar sensors and electronic counter-countermeasures, and components and algorithms. It also develops and demonstrates radio frequency (RF) and electro-optical (EO) sensors for detecting, locating, and targeting airborne, fixed, and time-critical mobile ground targets obscured by natural or man-made means. This program develops the means to find, fix, target, track, and engage air and ground targets anytime, anywhere, and in any weather. This program has been coordinated through the Department of Defense Science and Technology Executive Committee process to harmonize efforts and eliminate duplication.

The Department of the Air Force technologies in this program are both enabling and enduring as we invest in maturing emerging technologies that address established mission gaps, and transformational technologies that address integrated enterprise capabilities intended to reshape the future force across air, space, and cyber warfighting domains. Development of transformational operational capabilities through advanced technology solutions focuses on five strategic capabilities: Global Persistent Awareness; Resilient Information Sharing; Rapid, Effective Decision-Making; Complexity, Unpredictability, and Mass; and Speed and Reach of Disruption and Lethality.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver science & technology capabilities. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0601102F, 0602102F, 0602201F, 0602202F, 0602203F, 0602204F, 0602602F, 0602605F, 0602788F, 1206601SF, and 0602298F.

This program is in Budget Activity 3, Advanced Technology Development because this budget activity includes development of subsystems and components and efforts to integrate subsystems and components into system prototypes for field experiments and/or tests in a simulated environment.

UNCLASSIFIED

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Appropriation/Budget Activity	R-1 Program Element (Number/Name)
3600: <i>Research, Development, Test & Evaluation, Air Force I BA 3: Advanced Technology Development (ATD)</i>	PE 0603203F / <i>Advanced Aerospace Sensors</i>

B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	42.292	0.000	0.000	0.000	0.000
Current President's Budget	40.116	35.274	44.730	0.000	44.730
Total Adjustments	-2.176	35.274	44.730	0.000	44.730
• Congressional General Reductions	0.000	-0.064			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	35.338			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.836	0.000			
• Other Adjustments	-1.340	0.000	44.730	0.000	44.730

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 63665A: *Advanced Aerospace Sensors Technology*

Congressional Add: *Program increase - Sensor integration to support ISR operations*

Congressional Add Subtotals for Project: 63665A

Congressional Add Totals for all Projects

	FY 2020	FY 2021
Congressional Add	3.921	0.000
Congressional Add Subtotals for Project: 63665A	3.921	0.000
Congressional Add Totals for all Projects	3.921	0.000

Change Summary Explanation

FY 2020 Other Adjustments: Decrease of \$1.340 million due to Air Force reprogramming.

FY 2021 and FY 2022 Congressional Directed Transfers: \$35.338 million increase due to Congressional realignment.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force										Date: May 2021		
Appropriation/Budget Activity 3600 / 3					R-1 Program Element (Number/Name) PE 0603203F / <i>Advanced Aerospace Sensors</i>				Project (Number/Name) 63665A / <i>Advanced Aerospace Sensors Technology</i>			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
63665A: <i>Advanced Aerospace Sensors Technology</i>	-	23.101	35.274	19.664	0.000	19.664	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project area develops and demonstrates aerospace sensor and processing technologies for intelligence, surveillance, reconnaissance, target, and attack radar applications in both manned and unmanned platforms, including electro-optical sensors and electronic counter-countermeasures for radars. It provides aerospace platforms with the capability to precisely detect, track, and target both airborne (conventional and low radar cross-section) and ground-based, high-value, time-critical targets in adverse clutter and jamming environments. Project activities include developing multi-function radio-frequency systems including radar and electronic warfare technology and the position and timing information to enable distributed sensing. Desired warfighting capabilities include the ability to detect concealed targets in difficult background conditions.

This project includes the initiation and development of programs addressing DAF capability gaps and provides technologies for transformational future force capabilities. Transformational efforts will be identified through a competitive process and be responsive to DAF design priorities. Selected efforts will be designated as transformational, indicating enterprise-level priority.

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

	FY 2020	FY 2021	FY 2022
Title: Persistent Sensing in Contested Environment Technologies	2.693	2.903	0.000
Description: Develop active radio frequency sensor solutions to use against difficult-to-detect targets in challenging environments, and advanced radio frequency architectures for open and reconfigurable systems. Enable persistent intelligence, surveillance and reconnaissance over wide areas, and detect advanced air and ground targets.			
FY 2021 Plans: Analyze results of airborne ground moving target indication data collections. Continue advanced multi-static ground moving target indication radar demonstration, increasing complexity with additional transmit degrees of freedom from multiple transmit platforms. Continue analysis of asynchronous noise waveform performance with multiple transmitters. Initiate evaluation of spacetime adaptive processing algorithm performance using synthetic and real flight data. Initiate investigation of novel algorithms with processing distributed across multiple receive platforms. Initiate system-of-systems design to optimize transmit/receive architecture.			
FY 2022 Plans: Not applicable			
FY 2021 to FY 2022 Increase/Decrease Statement:			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2022 Air Force		Date: May 2021		
Appropriation/Budget Activity 3600 / 3	R-1 Program Element (Number/Name) PE 0603203F / <i>Advanced Aerospace Sensors</i>	Project (Number/Name) 63665A / <i>Advanced Aerospace Sensors Technology</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
FY 2022 decreased compared to FY 2021 by 2.903 million. Funding decreased due to realignment to Project 63665A, Advanced Aerospace Sensors Technology, Passive/Multi-Mode Sensing effort and Transformational Technology Development effort.				
<p>Title: Passive/Multi-Mode Sensing</p> <p>Description: Develop advanced techniques and prototype passive radio frequency sensors to intercept, collect, locate and track enemy radio frequency sensor systems for intelligence, surveillance and reconnaissance of air and ground targets.</p> <p>FY 2021 Plans: Conduct real-time passive radar illumination selection manager demonstrations using realistic operational environments. Conduct development of advanced passive radar modes and signal processing algorithms. Initiate advancement of electronic support subsystems to incorporate wide bandwidth receivers and agile emitter tracking. Initiate implementation of passive radar modes using wideband arrays with rapid digital beamforming capabilities. Initiate integration of electronic support, illumination selection manager, and passive radar subsystems to develop full passive multi-mode radar system for future ground/airborne demonstration.</p> <p>FY 2022 Plans: Continue development and ground demonstrations of illumination selection manager to address more complex signal environments and implementation in open architectures. Complete platform level modeling to evaluate key parameters for passive multi-mode radar performance. Continue mission level modeling to evaluate passive multi-mode system effectiveness for relevant scenarios. Continue implementation of electronic support, passive radar and illumination selection manager subsystems in advanced digital antenna architectures. Initiate implementation of illumination selection manager into sensor resource manager. Complete systems engineering study to identify subsystem enhancements for airborne passive multi-mode. Begin integration of illumination selection manager and/or passive multi-mode radar on existing airborne platforms. Initiate planning for airborne passive multi-mode demonstration.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 increased compared to FY 2021 by \$1.040 million. Increase is due to realignment of funding from Project 63665A, Advanced Aerospace Sensors Technology, Persistent Sensing in Contested Environment Technologies effort and Long Range Sensing Technologies effort.</p>		4.958	5.777	6.817
<p>Title: Long Range Sensing Technologies</p> <p>Description: Develop radio frequency sensor technology to detect, locate, and identify air and ground targets at long ranges, including those that are low-observable, or use deception or camouflage.</p> <p>FY 2021 Plans:</p>		2.617	2.785	0.000

UNCLASSIFIED

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Appropriation/Budget Activity 3600 / 3	R-1 Program Element (Number/Name) PE 0603203F / <i>Advanced Aerospace Sensors</i>	Project (Number/Name) 63665A / <i>Advanced Aerospace Sensors Technology</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<p>Initiate analysis of over-the-horizon radar data collections to demonstrate novel algorithms for detection and high accuracy tracking of highly maneuvering targets. Conduct development of passive over-the-horizon radar systems to provide predicted performance against challenging targets including cruise missiles and hypersonic vehicles. Conduct development of low cost radio frequency payloads for small satellites. Initiate detailed component design and prototype payload fabrication.</p> <p>FY 2022 Plans: Not applicable</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 decreased compared to FY 2021 by \$2.785 million. Funding decreased due to realignment to Project 63665A, Advanced Aerospace Sensors Technology, Passive/Multi-Mode Sensing effort and Transformational Technology Development effort.</p>				
<p>Title: Triple Raven Advance Technology Demonstration</p> <p>Description: Advance, demonstrate, and transition innovative imaging and non-imaging optical sensing technologies for surveillance and reconnaissance of airborne and ground-based objects of interest in an anti-access/area denial environment. This effort includes the development of systems, subsystems, and components necessary to yield new capabilities.</p> <p>FY 2021 Plans: Begin integration of dual-band detector system onto the new unobscured freeform afocal telescope and begin integration into a stable optical gimbal in preparation for flight testing. Perform sensor trade studies to extend dual-band extended range imaging to provide full multi-spectral imaging capabilities - equivalent to today's multi-camera systems. Develop high power agile waveform laser, processing algorithms, and photon-counting detectors. Conduct a bread-board demonstration of the laser radar system on a laboratory-class aircraft at short ranges to allow early risk-reduction of entire system.</p> <p>FY 2022 Plans: Continue design and development of complete surveillance demonstration system. Complete development of laser radar transmitter, receiver, and integrate with passive imaging systems and control system. Conduct lab testing of entire system. Prepare for long-range ground demonstration of system at government test range.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 decreased compared to FY 2021 by \$0.166 million. Justification for this decrease is described in plans above.</p>		0.000	7.942	7.776
<p>Title: Passive Electro-Optical Sensing for Surveillance and Reconnaissance Technologies</p> <p>Description: Advance, demonstrate, and transition innovative imaging and non-imaging optical sensing technologies for surveillance and reconnaissance of airborne and ground-based objects of interest in an anti-access/area denial environment. This effort includes the development of systems, subsystems, and components necessary to yield new capabilities.</p>		5.406	0.000	0.000

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<p>FY 2021 Plans: For FY 2021, this work is performed under Project 63665A, Advanced Aerospace Sensors Technology, Triple Raven Advanced Technology Demonstration effort.</p> <p>FY 2022 Plans: Not applicable</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Not applicable</p>				
<p>Title: Laser Radar for Non-Cooperative Identification</p> <p>Description: Advance, demonstrate, and transition innovative laser radar sensing technologies for non-cooperative identification of airborne and ground objects of interest in an anti-access/area denial environment. This effort includes the development of systems, subsystems and components necessary to yield new capabilities.</p> <p>FY 2021 Plans: For FY 2021, this work is performed under Project 63665A, Advanced Aerospace Sensors Technology, Triple Raven Advanced Technology Demonstration effort.</p> <p>FY 2022 Plans: Not applicable</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Not applicable</p>		3.506	0.000	0.000
<p>Title: Transformational Technology Development</p> <p>Description: Continually funded effort. This funding allocation will start new and continue Transformational Technology Developments. The Transformational Technology Development program will select new projects, in alignment with mission focused areas which include, but are not limited to: Intelligent Planning and Wargaming; Battlespace Awareness; Integrated Base Defense; and Hypersonic Multi-Mission Aircraft. Investments focus on technology development efforts including, but are not limited to electro-optical and radio frequency sensors, components, and algorithms. This investment is overseen by senior representatives from Air and Space Forces who participate in the submission, initial review, and down-selection of Transformational Technology Development proposed efforts. Final selections will be reviewed by the Air Force Deputy Assistant Secretary for Science, Technology, and Engineering before a final recommendation for Congressional approval is made.</p> <p>FY 2021 Plans:</p>		0.000	0.000	5.071

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021
Not applicable			
FY 2022 Plans: Select Transformational Technology Development efforts in FY 2022 that support the National Defense Strategy and Department of Air Force priorities.			
FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 increased compared to FY 2021 by \$5.071 million. Funding was realigned from Project 63665A, Advanced Aerospace Sensors Technology, Persistent Sensing in Contested Environment Technologies and Long Range Sensing Technologies efforts.			
Title: Multidomain Analytic Development - Evolution		0.000	15.867
Description: Develop enabling capabilities and technical know-how required for Department of the Air Force multi-domain command and control within highly contested environments through closed-loop central and decentralized sensing for battle management, automated onboard systems that use complex reasoning for situational awareness (SA) leading "intelligent" response, executive reasoning for selectable re-planners that provide task allocation. Use of shared models with both onboard reasoners and mission simulation and evaluation. Built with government-owned scalable closed-loop algorithms.			
FY 2021 Plans: Develop improvements over state-of-the-art analytics with automated multi-sensor fusion and predictive analytics, Pattern of Life (PoL) modeling and persistent monitoring, and graph-based World Model representation. Mature techniques for persistent and immediate observation of anomalous behavior. Continue creation of a government owned testbed and user system with closed-loop reasoning and modular, well-characterized algorithms. Continue development of the World Model representation to improve the current intelligence data/analysis "stovepipes," for deeper analytics.			
FY 2022 Plans: Starting in FY 2022, this work is performed under Project 6369DF, Target Attack and Recognition Technology, Multidomain Analytic Development - Evolution effort.			
FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 decreased compared to FY 2021 by 15.867 million. The decrease is due to the realignment of funding to Project 6369DF, Target Attack and Recognition Technology, Multidomain Analytic Development - Evolution effort.			
Accomplishments/Planned Programs Subtotals		19.180	35.274
		FY 2020	FY 2021
Congressional Add: Program increase - Sensor integration to support ISR operations		3.921	0.000

UNCLASSIFIED

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	FY 2020	FY 2021
FY 2020 Accomplishments: Conduct Congressional directed efforts		
FY 2021 Plans: Not applicable		
Congressional Adds Subtotals	3.921	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

UNCLASSIFIED

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Appropriation/Budget Activity 3600 / 3					R-1 Program Element (Number/Name) PE 0603203F / <i>Advanced Aerospace Sensors</i>				Project (Number/Name) 6369DF / <i>Target Attack and Recognition Technology</i>			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
6369DF: <i>Target Attack and Recognition Technology</i>	-	17.015	0.000	25.066	0.000	25.066	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project area develops and demonstrates advanced technologies for closed-loop, multi-domain, multi-intelligence sources, multi-platform, multi-sensor automation and autonomy, providing capabilities in battle management, fire control, battlespace awareness and visualization, predictive analytics, target recognition, sensor and information fusion, and sensor / platform asset tasking. This project also conducts advanced investigations to determine solution credibility, in terms of underlying technology and in terms of consistency with future Air Force missions within highly contested environments. This project includes robust techniques to support intelligence, surveillance, and reconnaissance and targeting missions within adverse weather conditions and against adversaries employing deceptive techniques. This project includes development of software-intensive solutions suitable for cloud-based integration and for development/operations-like operational environments. This project develops technology for effective management of online and offline information sources incorporating both constrained and cooperative sensing. This project has been realigned to better reflect technical areas being emphasized such as autonomy, multi-domain and multi-sensor information processing, leverage of machine learning developments and enterprise-level modeling, simulation and analysis.

This project includes the initiation and development of programs addressing DAF capability gaps and provides technologies for transformational future force capabilities. Transformational efforts will be identified through a competitive process and be responsive to DAF design priorities. Selected efforts will be designated as transformational, indicating enterprise-level priority.

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

	FY 2020	FY 2021	FY 2022
Title: Advanced Multi-Source Exploitation	3.655	0.000	0.000
Description: Demonstrate multi-source behavioral and physical knowledge generation algorithms on operational data sets for specific customers and evaluate the performance of the algorithms with respect to contested environment scenarios. Investigate methods for reducing the size, weight and power footprint of information fusion techniques to enable technology transition. Automate algorithm components to increase warfighter efficiency by reducing human-in-the-loop timeframes. Develop intelligent reasoning capabilities that inform operators with respect to information requirements to improve/enable mission success, for example, autonomously recommend additional data collection geometries/scenarios to enhance fusion for synthesis performance.			
FY 2021 Plans: For FY 2021, this work is performed under Project 63665A, Advanced Aerospace Sensors Technology, Multidomain Analytics Development - Evolution effort.			
FY 2022 Plans:			

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
Not applicable				
FY 2021 to FY 2022 Increase/Decrease Statement: Not applicable				
Title: Advanced Modeling, Simulation and Analysis for Multi-Intelligence/Domain Fusion Description: This advanced research will concentrate on leveraging existing modeling, simulation and analysis tactics, techniques and procedures as well as advancing the multi int/domain fusion of information to understand with greater fidelity how current and future generations of intelligence, surveillance and reconnaissance air, space and cyber sensing can be most effectively applied to the battlespace. FY 2021 Plans: For FY 2021, this work is performed under Project 63665A, Advanced Aerospace Sensors Technology, Multidomain Analytics Development - Evolution effort. FY 2022 Plans: Not applicable FY 2021 to FY 2022 Increase/Decrease Statement: Not applicable		4.815	0.000	0.000
Title: Sensing Assignments and Multisource Analytics Description: Develop advanced techniques for multi-domain closed-loop sensing that apply predictive analytics to available information, inferring candidate course-of-action hypotheses and recommending confirmatory/refutative sensing tasks. FY 2021 Plans: For FY 2021, this work is performed under Project 63665A, Advanced Aerospace Sensors Technology, Multidomain Analytics Development - Evolution effort. FY 2022 Plans: Not applicable FY 2021 to FY 2022 Increase/Decrease Statement: Not applicable		8.545	0.000	0.000
Title: Multidomain Analytic Development - Evolution Description: Develop enabling capabilities and technical know-how required for Department of the Air Force multi-domain command and control within highly contested environments through closed-loop central and decentralized sensing for battle		0.000	0.000	16.399

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<p>management, automated onboard systems that use complex reasoning for situational awareness (SA) leading "intelligent" response, executive reasoning for selectable re-planners that provide task allocation. Use of shared models with both onboard reasoners and mission simulation and evaluation. Built with government-owned scalable closed-loop algorithms.</p> <p>FY 2021 Plans: For FY 2021, this work is performed under Project 63665A, Advanced Aerospace Sensors Technology, Multidomain Analytic Development - Evolution effort.</p> <p>FY 2022 Plans: Continue development of a prototype capability supporting the generation, evaluation, modification, and fielding of activity models for real-time use in automatically characterizing adversary behavior. Continue to demonstrate that activity modeling is a portable process, applicable to indications and warnings against a broad range of adversary activity. Continue integration of new component capabilities aimed at augmenting existing Department of the Air Force capability by developing processes used to generate adversary activity models and using those models to automatically generate indications and warnings alerts. Continue to integrate all components in an open-architecture testbed running on a cloud based environment.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 increased compared to FY 2021 by \$16.399 million. The increase is due to the realignment of funding from Project 63665A, Advanced Aerospace Sensors Technology, Multidomain Analytic Development - Evolution effort.</p>				
<p>Title: Resilient & Agile Mission Systems Architecture</p> <p>Description: This project performs advanced development and demonstration of methods, technologies, and tools to enable resilience and protect mission systems against threats. This involves open and adaptable architectures for rapid integration and agile systems, cyber protections and resilience technologies to protect against threats. It integrates research efforts in electronic and cyber warfare to demonstrate novel operational capabilities through laboratory, field, and flight tests and experimentation. The goal is to reduce risk for rapid transition of novel operational capabilities into Air Force mission systems.</p> <p>FY 2021 Plans: Not applicable</p> <p>FY 2022 Plans: Evolve and mature open architecture standards. Initiate development of advanced networking, processing, advanced computing paradigms, and cybersecurity technologies for next-generation avionics mission system capabilities. Apply agile software</p>		0.000	0.000	4.185

UNCLASSIFIED

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
technologies and digital engineering techniques for rapid and affordable development, integration, and prototype capability demonstrations.				
FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 increased compared to FY 2021 by \$4.185 million. Increase is due to realignment of funding from Project 63665A, Advanced Aerospace Sensors Technology, Multidomain Analytics Development - Evolution effort.				
Title: Transformational Technology Development		0.000	0.000	4.482
Description: Continually funded effort. This funding allocation will start new and continue Transformational Technology Developments. The Transformational Technology Development program will select new projects, in alignment with mission focused areas which include, but are not limited to: Intelligent Planning and Wargaming; Battlespace Awareness; Integrated Base Defense; and Hypersonic Multi-Mission Aircraft. Investments focus on technology development efforts including, but are not limited to closed-loop, multi-domain, multi-intelligence sources, multi-platform, multi-sensor automation and autonomy, providing capabilities in battle management, fire control, battlespace awareness and visualization, predictive analytics, target recognition, sensor and information fusion, and sensor/platform asset tasking. This investment is overseen by senior representatives from Air and Space Forces who participate in the submission, initial review, and down-selection of Transformational Technology Development proposed efforts. Final selections will be reviewed by the Air Force Deputy Assistant Secretary for Science, Technology, and Engineering before a final recommendation for Congressional approval is made.				
FY 2021 Plans: Not applicable				
FY 2022 Plans: Select new Transformational Technology Development efforts in FY 2022 that support the National Defense Strategy and Department of Air Force priorities.				
FY 2021 to FY 2022 Increase/Decrease Statement: FY 2022 increased compared to FY 2021 by \$4.482 million. Funding is increased due to Air Force reprogramming.				
Accomplishments/Planned Programs Subtotals		17.015	0.000	25.066
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				

UNCLASSIFIED

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D. Acquisition Strategy

N/A