



Department of the Air Force

Research and Development (RDT&E) Military Construction Program

**Fiscal Year (FY) 2019
Budget Estimates**

**Justification Data Submitted to Congress
February 2018**

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**DEPARTMENT OF THE AIR FORCE
FISCAL YEAR 2019 RESEARCH AND DEVELOPMENT(RDT&E) REQUEST
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**DEPARTMENT OF THE AIR FORCE
FISCAL YEAR 2019 RESEARCH AND DEVELOPMENT(RDT&E)
PROGRAM SUMMARY**

PROGRAM SUMMARY

	<u>AUTHORIZATION</u> <u>REQUEST</u> <u>(\$000s)</u>	<u>APPROPRIATION</u> <u>REQUEST</u> <u>(\$000s)</u>
Military Construction		
Major Construction	111,000	0
 Total Military Construction	 111,000	 0

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1. COMPONENT AIR FORCE	FY 2020 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION, SITE AND LOCATION EDWARDS AIR FORCE BASE EDWARDS AFB SITE # 1 CALIFORNIA			4. PROJECT TITLE JOINT SIMULATION ENVIRONMENT FACILITY -EDWARDS	
5. PROGRAM ELEMENT 64759	6. CATEGORY CODE 317-932	7. RPSUID/PROJECT NUMBER 1684/FSPM173504	8. PROJECT COST (\$000) 43,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILITIES				31,929
AVIONICS RESEARCH LABORATORY (317-932)	SM	6,702	4,669	(31,290)
FACILITY SUSTAINABILITY & ENERGY MEASURES SUPPORTING FACILITIES	SM	6,702	95	(639)
				5,852
DEMOLITION	SM	12	587	(7)
PAVEMENTS	LS			(2,310)
SITE IMPROVEMENTS	LS			(1,430)
UTILITIES	LS			(1,055)
COMMUNICATIONS INFRASTRUCTURE	LS			(300)
EMERGENCY GENERATOR	LS			(750)
SUBTOTAL				37,781
CONTINGENCY (5.0%)				1,889
TOTAL CONTRACT COST				39,670
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,261
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,511
TOTAL REQUEST				43,442
TOTAL REQUEST (ROUNDED)				43,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(72,800)
10. Description of Proposed Construction: Construct a two story 6,702 SM Joint Simulation Environment Facility with reinforced concrete foundation and slab floor, structural steel frame, split-face masonry unit walls, standing seam metal roof, sensitive compartmentalized information facilities (SCIF), special access program facilities (SAPF), fire detection and protection systems, utilities, emergency generator, communication support, pavements, site improvements including covered walkways to buildings 1020 and 1030, and all other necessary support. Facilities will be designed as permanent construction in accordance with DoD Unified Facilities Criteria 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. This project will comply with DoD antiterrorism/force protection requirements per UFC 4-010-01. Demolish one 12 SM facility, building 1019, and demolish two modular structures. Air Conditioning: 300 Tons				
11. Requirement: 14112 SM Adequate: 0 SM Substandard: 7410 SM PROJECT: Joint Simulation Environment Facility - Edwards REQUIREMENT: Adequate facilities are required for/to accommodate F-35 Block C2/D2 developmental test and early operational test and evaluation and F-22 Sensor Enhancement developmental testing. This will require a Joint Simulation Environment (JSE) capability including integration with F-22 and other platforms and capabilities. The JSE will provide a unique capability, providing a				

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<p>government owned simulation environment supporting multi-platform integrated testing. The collaborative JSE facility will include up to four F-35 simulator cockpits, four F-22 simulator cockpits, six adversary (Red) simulator cockpits, and two hardware-in-the-loop cockpits. This capability will provide a unique opportunity to create a non-proprietary AF multi-platform domain. The United States Navy, Marine Corps, Army, Defense Advanced Research Project Agency and defense contractor teams all stand to benefit from this unique capability and the feedback gathered from this collaborative JSE. Future A2/AD weapons systems (including B-21, PCA, and others) would also use this facility when available. Additionally, this facility will house Tactical Command & Control (TAC/C2) capabilities for both blue (Air Force) and red forces, and working areas for the integration of Space and Cyber capabilities, tactical data links, augmented reality and Joint Interoperability initiatives research and development activities. This facility project exceeds the section 2805 limit of \$6M. This design shall conform to criteria established in the Air Force Corporate Facilities Standards (AFCFS), the Installation Facilities Standards (IFS), but will not employ a standard facility design because there is no AF standard facility design for this project and there is no applicable standard design from Air Force Civil Engineer Center (AFCEC).</p> <p><u>CURRENT SITUATION:</u> It is becoming increasingly difficult to create an operationally realistic environment, and upcoming 5th Generation aircraft testing cannot be fully performed in open air ranges. Additionally, emerging USAF high-priority programs limit open air range access. These factors drive the requirement for a ground test facility that can accommodate multi-level security, with multiple airframes and weapon systems. Aircraft simulators that are currently available are based on proprietary hardware and software, and are aircraft specific. They cannot be readily reconfigured to simulate different aircraft which limits their effectiveness for supporting developmental and operational testing.</p> <p><u>IMPACT IF NOT PROVIDED:</u> F-35 and 5th generation integrated testing cannot be accomplished. Testing will continue to be constrained by the limits of open air ranges.</p> <p><u>ADDITIONAL:</u> Funding authority for this project is FY 2017 National Defense Authorization Act, Section 2806, which amends FY 2016 NDAA language to include DOD research, development, test and evaluations facilities not designated as a Science and Technology Reinvention Laboratory under Section 2803 Defense Laboratory Modernization Pilot Program, subsection (a). It authorizes the Secretary of Defense to fund military construction projects using amounts appropriated or otherwise made available to the Department of Defense for research, development, test, and evaluation. This project will support research, development, testing, and evaluation in accordance with NDAA Section 2803, subsection (d) (1) (2) (3) (4). This project meets the criteria/scope specified in Part II of Military Handbook 1190, Facility Planning and Design Guide, Air Force Manual 32-1084, "Facility Requirements", and the weapon system Facility Requirement Plan. A preliminary economic analysis has been accomplished comparing new construction to an add/alter option and it was determined that new construction is the most cost effective alternative. Sustainable principles, to include Life Cycle cost effective</p>				

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<p>practices, will be integrated into the design, development and construction of the project in accordance with UFC 1-200-02, dated 1 March 2013. Base Civil Engineer: 661-277-2910. Joint Simulation Environment Facility: 6,702 SM = 72,140 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

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12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Project to be accomplished by design-build procedures (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - (3) All Other Design Costs 1,680 (4) Construction Contract Award 20 FEB (5) Construction Start 20 APR (6) Construction Completion 22 APR (7) Energy Study/Life-Cycle analysis was/will be performed NO b. Equipment associated with this project provided from other appropriations: <table border="1"> <thead> <tr> <th>EQUIPMENT NOMENCLATURE</th> <th>PROCURING APPRC</th> <th>FISCAL YEAR APPROPRIATED OR REQUESTED</th> <th>COST (\$000)</th> </tr> </thead> <tbody> <tr> <td>FLIGHT SIMULATOR EQUIPMENT</td> <td>3600</td> <td>2022</td> <td>72,000</td> </tr> <tr> <td>FURNISHINGS</td> <td>3600</td> <td>2022</td> <td>500</td> </tr> <tr> <td>COMMUNICATIONS EQUIPMENT</td> <td>3600</td> <td>2022</td> <td>300</td> </tr> </tbody> </table> c. Pursuant to the FY 2016 NDAA, Section 2803(d)3, endorsement by more than one military department for this project is provided in the FY 2019 3600 budget exhibit under PE 0604759F.				EQUIPMENT NOMENCLATURE	PROCURING APPRC	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)	FLIGHT SIMULATOR EQUIPMENT	3600	2022	72,000	FURNISHINGS	3600	2022	500	COMMUNICATIONS EQUIPMENT	3600	2022	300
EQUIPMENT NOMENCLATURE	PROCURING APPRC	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)																
FLIGHT SIMULATOR EQUIPMENT	3600	2022	72,000																
FURNISHINGS	3600	2022	500																
COMMUNICATIONS EQUIPMENT	3600	2022	300																

1. COMPONENT AIR FORCE	FY 2020 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION, SITE AND LOCATION EGLIN AIR FORCE BASE EGLIN AFB SITE # 1 (EGLIN MAIN AND RESERVATION) FLORIDA		4. PROJECT TITLE CYBERSPACE TEST FACILITY		
5. PROGRAM ELEMENT 64759	6. CATEGORY CODE 311-173	7. RPSUID/PROJECT NUMBER 1695/FTFA163007	8. PROJECT COST (\$000) 38,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILITIES				27,074
AIRCRAFT RESEARCH ENGINEERING FAC (311-173)	SM	4,833	5,492	(26,543)
SUSTAINABILITY AND ENERGY MEASURES	LS			(531)
SUPPORTING FACILITIES				7,314
UTILITIES	LS			(1,440)
PAVEMENTS	LS			(2,455)
SITE IMPROVEMENTS	LS			(1,015)
PRIVATIZED UTILITY CONNECTION FEE	LS			(300)
COMMUNICATIONS	LS			(1,354)
EMERGENCY GENERATOR	LS			(750)
SUBTOTAL				34,388
CONTINGENCY (5.0%)				1,719
TOTAL CONTRACT COST				36,107
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,058
TOTAL REQUEST				38,165
TOTAL REQUEST (ROUNDED)				38,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(5,000.0)
<p>10. Description of Proposed Construction: Construct a cyberspace security test facility utilizing conventional design and construction methods to accomodate the mission of the facility. A sprinkler-equipped facility consisting of a concrete foundation, split-faced concrete block over a steel frame and sloped standing seam metal roof. Approximately half of the facility will need to be SCIF rated. Project provides utilities, HVAC, secure communications, site improvements, landscaping, parking, emergency generator capabilities, and all support facilities to provide a complete and usable facility. Facility will be designed as permanent construction in accordance with the Department of Defense (DoD) Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. This project will comply with DoD antiterrorism/force protection requirements per UFC 4-010-01. A temporary facility (aproximately 14,000 SF) will be required interim to this facility and will not be funded as part of this effort.</p> <p>Air Conditioning: 400 Tons</p>				
<p>11. Requirement: 4833 SM Adequate: 0 SM Substandard: 0 SM</p> <p>PROJECT: Cyberspace Test Facility</p> <p>REQUIREMENT: The recently approved 96CTG and associate units require secure, networked laboratories to accomplish critical integrated weapons system test execution, Cybersecurity, and Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) testing. As additional tools</p>				

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<p>and test capabilities are brought on line, this state-of-the-art facility will provide the critical Developmental Test and Evaluation, Operational Test and Evaluation, and training and exercise capabilities currently unavailable. This facility will bring all weapons cybersecurity test expertise into a unified environment including expertise from academic, industrial, and other federal agencies. This facility will also benefit Special Operations Command AFSOC 18FTS, Redstone Test Center, and Naval Air Station Patuxent. This facility project exceeds the section 2805 limit of \$6M.</p> <p>CURRENT SITUATION: There are no existing facilities on Eglin AFB with the capability to collocate the number of personnel that the 96 CTG will need to house at Eglin AFB or support the necessary testing equipment needed for the growth in cyber testing requirements to be executed by the 96 CTG. While Eglin AFB may have facilities that could be remodeled/refurbished to accommodate these personnel or the required equipment; using several, geographically separated facilities would debilitate the effectiveness of the required Developmental Test & Evaluation / Operational Test & Evaluation.</p> <p>IMPACT IF NOT PROVIDED: Test and Evaluation is one of AFMC's core mission areas. Without this facility, new Cybersecurity and C4ISR testing will be extremely impeded. The AFTC mission to conduct DT&E of air, space and cyberspace systems, and provide timely, objective and accurate information to acquisition decision makers will be diminished. There will be a direct negative impact to the warfighter's need to maintain C4ISR, Cybersecurity, and information superiority while minimizing risks to fielding warfighter weapons systems.</p> <p>ADDITIONAL: This project meets applicable criteria/scope specified in AF Manual 32-1084, Facility Requirements. Economic analysis is being processed and a preliminary review has been accomplished, with a new facility being the recommendation. This project will be accomplished using RDT&E (3600) funds to support the 96/TS Cyberspace Test facility requirements Under title 10 USC SEC 2358 DEFENSE LABORATORY MODERNIZATION PILOT PROGRAM "(d)(4) cannot be fully funded within the thresholds specified in section 2805 of title 10, United States Code. "(e) Funding Limitation - The maximum amount of funds appropriated or otherwise made available for research, development, test, and evaluation that may be obligated in any fiscal year for military construction projects under this section is \$150,000,000. "(f) Termination of Authority - The authority provided by this section to fund military construction projects using funds appropriated or otherwise made available for research, development, test, and evaluation shall terminate on October 1, 2020."</p> <p>This expansion of required manning and test facilities requires proximity to B85 on Eglin AFB (current location of the 46TS) for reach back into secure networks and integration of C4ISR systems.</p> <p>This design shall conform to criteria established in the Air Force Corporate Facilities Standards (AFCFS), the Installation Facilities Standards (IFS), but will not employ a standard facility design because there is no AF standard facility design for this project and there is no applicable standard design from Air Force Civil Engineer Center (AFCEC). The Supporting Facility costs exceed the Primary</p>				

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<p>facility costs by more than 25% due to the inclusion of an emergency generator, otherwise, the costs fall within the 25% criteria.</p> <p>96th Test Wing Base Civil Engineer: (850) 882-2876.</p> <p>Cyberspace Facility: 4,833 SM = 52,003 SF.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

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12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			06-OCT-18
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2018			15%
* (d) Date 35% Designed			11-JAN-19
(e) Date Design Complete			16-NOV-19
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			0
(b) All Other Design Costs			2,280
(c) Total			2,280
(d) Contract			0
(e) In-house			0
(4) Construction Contract Award			20 JAN
(5) Construction Start			20 MAR
(6) Construction Completion			21 MAY
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FF&E	3600	2020	2,100
AUDIO VISUAL EQUIPMENT	3600	2020	2,900
c. Pursuant to the FY 2016 NDAA, Section 2803(d)3, endorsement by more than one military department for this project is provided in the FY 2019 3600 budget exhibit under PE 0604759F.			

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3. INSTALLATION, SITE AND LOCATION NELLIS AIR FORCE BASE NELLIS SITE # 1 NEVADA			4. PROJECT TITLE JOINT SIMULATION ENVIRONMENT FACILITY- NELLIS	
5. PROGRAM ELEMENT 64759	6. CATEGORY CODE 317-932	7. RPSUID/PROJECT NUMBER 3056/RKMF203007	8. PROJECT COST (\$000) 30,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILITIES				22,088
AVIONICS RESEARCH LABORATORY (317-932)	SM	4,735	4,573	(21,655)
SUSTAINABILITY & ENERGY MEASURES (2.0%)	LS			(433)
SUPPORTING FACILITIES				3,879
UTILITIES	LS			(883)
SITE IMPROVEMENTS	LS			(635)
PAVEMENTS	LS			(850)
COMMUNICATIONS SUPPORT	LS			(861)
EMERGENCY GENERATOR SYSTEM	LS			(650)
SUBTOTAL				25,967
CONTINGENCY (5.0%)				1,298
TOTAL CONTRACT COST				27,265
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,554
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,039
TOTAL REQUEST				29,858
TOTAL REQUEST (ROUNDED)				30,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(94,450)
10. Description of Proposed Construction: Provide a 4,735 SM, Joint Simulation Environment Facility (JSE) to house the Joint Simulation Environment (JSE). Work will include reinforced concrete foundation and floor slab, structural steel frames, split-face masonry unit walls, standing metal seam roofing system with parapet, sensitive compartmentalized information facilities (SCIF), special access program facilities (SAPF), fire detection and protection system, utilities, emergency generator, communication support, pavements and all other necessary support. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. This project will comply with DoD antiterrorism/force protection requirements per UFC 4-010-01. Air Conditioning: 300 Tons				
11. Requirement: 4735 SM Adequate: 0 SM Substandard: 0 SM <u>PROJECT:</u> Joint Simulation Environment Facility - Nellis <u>REQUIREMENT:</u> Adequate facilities are required for/to accommodate F-35 C2/D2 developmental test and early operational test and evaluation and F-22 Sensor Enhancement developmental testing. This will require a Joint Simulation Environment (JSE) capability including integration with F-22 and other platforms and capabilities. The JSE will provide a unique capability, providing a government owned simulation environment supporting multi-platform integrated				

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<p>testing. The collaborative JSE facility will include up to eight F-35 simulator cockpits, a minimum four F-22 simulator cockpits, and up to eight adversary (Red) simulator cockpits. This capability will provide a unique opportunity to create a non-proprietary AF multi-platform domain. The United States Navy, Marine Corps, Army, Defense Advanced Research Project Agency and defense contractor teams all stand to benefit from this unique capability and the feedback gathered from this collaborative JSE. Future C2/D2 weapons systems (including B-21, PCA and others) could also use this facility. Additionally, this facility will house Tactical Command & Control (TAC/C2) capabilities for both blue and red forces, and working areas for the integration of Space and Cyber capabilities, tactical data links, augmented reality and Joint Interoperability initiatives research and development activities. This facility project exceeds the section 2805 limit of \$6M.</p> <p><u>CURRENT SITUATION:</u> It is becoming increasingly difficult to create an operationally realistic environment, and upcoming 5th Generation aircraft testing cannot be fully performed in open air ranges. Additionally, emerging USAF high priority programs limit open air range access. These factors drive the requirement for a ground test facility that can accommodate multi-level security, with multiple airframes and weapon systems. Aircraft simulators that are currently available are based on proprietary hardware and software, and are aircraft specific. They cannot be readily reconfigured to simulate different aircraft which limits their effectiveness for supporting developmental and operational testing.</p> <p><u>IMPACT IF NOT PROVIDED:</u> F-35 and 5th generation integrated testing cannot be accomplished. Nellis will continue to be limited in our ability to test 5th generation aircraft, and will be unable to realize the increased test capability the JSE can provide. Testing will continue to be constrained by the limits of open air ranges. Building an JSE facility at Nellis and integrating into an already established plan for a Virtual Test and Training Center - Nellis provides an unprecedented level of synergy/warfighter advanced readiness benefit across testing, tactics development and advanced training.</p> <p><u>ADDITIONAL:</u> Funding authority for this project is FY 2017 National Defense Authorization Act, Section 2806, which amends FY 2016 NDAA language to include DOD research, development, test and evaluations facilities not designated as a Science and Technology Reinvention Laboratory under Section 2803 Defense Laboratory Modernization Pilot Program, subsection (a). It authorizes the Secretary of Defense to fund military construction projects using amounts appropriated or otherwise made available to the Department of Defense for research, development, test, and evaluation. This project will support research, development, testing, and evaluation in accordance with NDAA Section 2803, subsection (d) (1) (2) (3) (4). This project meets the criteria/scope specified in Part II of Military Handbook 1190, Facility Planning and Design Guide, Air Force Manual 32-1084, "Facility Requirements" and the weapon system Facility Requirement Plan. An analysis of reasonable options for accomplishing this project (status quo, renovations, and new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. A certificate of exception has been</p>				

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<p>prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with UFC 1-200-02, dated 1 March 2013.</p> <p>99th Air Base Wing Base Civil Engineer: 702-652-4833. (Joint Simulation Environment Facility - Nellis: 4,735 SM = 50,967 SF)</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

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EQUIPMENT NOMENCLATURE	PROCURING APPRC	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)																
FLIGHT SIMULATOR EQUIPMENT	3600	2020	94,000																
FURNISHINGS	3600	2020	300																
COMMUNICATIONS-ELECTRONIC EQUI	3600	2020	150																



DEPARTMENT OF THE NAVY
OFFICE OF THE ASSISTANT SECRETARY
RESEARCH, DEVELOPMENT AND ACQUISITION
1000 NAVY PENTAGON
WASHINGTON DC 20350-1000

5 FEB 2017

MEMORANDUM FOR DIRECTOR OF AIR FORCE TEST AND EVALUATION

From: Department of Navy, Modeling & Simulation, Department of the Navy (Assistant Secretary of the Navy (Research Development and Test)

TO: Air Force Test and Evaluation

SUBJECT: ENDORSEMENT OF JOINT SIMULATION ENVIRONMENT FACILITIES

Reference: (a) FY2016 NDAA Section 2803 Defense Laboratory Modernization Pilot Program

In accordance with subsection (d)(3) of reference (a), Department of Navy Modeling & Simulation Executive supports and endorses Joint Simulation Environment Facilities to be built at Edwards AFB and Nellis AFB. This will support reuse and collaboration with Naval Aviation Modeling & Simulation facilities and organizations.

This endorsement does not represent a reprioritization of any submitted or future Naval needs or requirements (funded or unfunded) for this funding authorization. This does not represent any commitment for future Naval funding.

The Department of Navy M&S point of contact is Ms. Amy Markowich, Naval M&S Executive, amy.markowich@navy.mil, 301-342-6169.


AMY MARKOWICH



Director, Integrated Battlespace Simulation and Test

Department, AIR-5.4

Naval Air Warfare Center Aircraft Division

48150 Shaw Road, Building 2109

Patuxent River MD 20670

12451

54000A/007

5 FEB 2017

MEMORANDUM FOR DIRECTOR OF AIR FORCE TEST AND EVALUATION

FROM: Naval Air Systems Command Cyber Warfare Detachment Executive

TO: Air Force Test and Evaluation

SUBJECT: ENDORSEMENT OF CYBERSPACE TEST GROUP FACILITY

Reference: (a) FY2016 NDAA Section 2803 Defense Laboratory Modernization Pilot Program

In accordance with subsection (d)(3) of reference (a), Naval Air Systems Command Cyber Warfare Executive endorses the Air Force Cyberspace Test Group Facility to be built at Eglin AFB. This endorsement will facilitate enhanced collaboration with Naval Air Systems Command Cyber Warfare Laboratory development and advanced Modeling & Simulation efforts.

This endorsement does not represent a reprioritization of any submitted or future Naval needs or requirements (funded or unfunded) for this funding authorization. This does not represent any commitment for future Naval funding.

Naval Air Systems Command Cyber Warfare Detachment Executive point of contact is Amy Markowich, amy.markowich@navy.mil, 301-342-6169.

Amy Markowich
AMY MARKWOICH