

9M and replaces the AIM-9X Block I Missile configuration. The missile includes a high off-boresight seeker, enhanced countermeasure rejection capability, low drag/high angle of attack airframe and the ability to integrate the Helmet Mounted Cueing System. The software algorithms are the most sensitive portion of the AIM-9X missile. The software continues to be modified via a preplanned product improvement (P3I) program in order to improve its counter-countermeasure capabilities. No software source code or algorithms will be released. The missile is classified as CONFIDENTIAL. The AIM-9X will result in the transfer of sensitive technology and information. The equipment, hardware, and documentation are classified CONFIDENTIAL. The software and operational performance are classified SECRET. The seeker/guidance control section and the target detector are CONFIDENTIAL and contain sensitive state-of-the-art technology. Manuals and technical documentation that are necessary or support operational use and organizational management are classified up to SECRET. Performance and operating logic of the counter-countermeasures circuits are classified SECRET. The hardware, software, and data identified are classified to protect vulnerabilities, design and performance parameters and similar critical information.

b. The AN/APG-79 Active Electronically Scanned Array (AESA) Radar System is classified SECRET. The radar provides the F/A-18A Hornet aircraft with all-weather, multi-mission capability for performing Air-to-Air and Air-to-Ground targeting and attack. Air-to-Air modes provide the capability for all-Aspect target detection, long-range search and track, automatic target acquisition, and tracking of multiple targets. Air-to-Surface attack modes provide high-resolution ground mapping navigation, weapon delivery, and sensor cueing. The system component hardware (Antenna, Transmitter, Radar Data Processor, and Power Supply) is UNCLASSIFIED. The Receiver-Exciter hardware is CONFIDENTIAL. The radar Operational Flight Program (OFP) is classified SECRET. Documentation provided with the AN/APG-79 radar set is classified SECRET.

c. The AGM-154 Joint Standoff Weapon (JSOW) is used by Navy, Marine Corps, and Air Force, and allows aircraft to attack well-defended targets in day, night, and adverse weather conditions. AGM-154C carries a BROACH warhead. The BROACH warhead incorporates an advanced multi-stage warhead. JSOW-C uses the GPS Precise Positioning System (PPS), which provides for a more accurate capability than the commercial version of GPS. The JSOW-C incorporates components, software, and technical design information that are considered sensitive. The following JSOW-C components being conveyed by the proposed sale that are considered sensitive and are classified CONFIDENTIAL include the GPS/INS, IIR seeker, OFP software and missile operational characteristics and performance data. These elements are essential to the ability of the JSOW-C missile to selectively engage hostile targets under a wide range of operational, tactical, and environmental conditions.

d. The Wide Band RADOME (WBR) is a high performance nose radome designed for use with the Active Electronically Scanned Array (AESA) Radar. The WBR is required to leverage the full capability of the AESA Radar. The Radome will provide superior RF performance over broader AESA Radar operational bands which will give the user an advantage in operational scenarios. Specifically, the WBR will provide improved target detection with less interference and reduce jamming vulnerability. Purchasing the AESA without the WBR would significantly

reduce the capability of the AESA and the user would gain very little advantage with the AESA.

e. The Upgrades to the Advanced Distributed Combat Training System (ADCTS), provides an aggressive program upgrade the warfighting capability of the F/A-18. The program will introduce new systems and weapons to the aircraft. In order to have pilots ready to utilize the new technologies, it is imperative that the user's Pilot Trainer (ADCTS) undergoes a parallel upgrade effort. The ADCTS is an integral part of the user's Pilot Training Syllabus and this procurement will address this requirement. It will provide pilots the ability to train with the new systems that will be resident in the aircraft in a simulated environment. This procurement will provide pilots the ability to maximize use of the new capabilities that will eventually translate to the operational environment and make the users Air Force a significant contributor to international coalition initiatives.

f. Software Development. The challenge facing the user nation is that in order to add all the new capabilities and weapons to the platform there is a parallel software effort required to ensure all the new capabilities have a software model that will support their integration and use. The success of the aggressive procurement of the systems and capabilities for the program will be dependent on the ability to develop and test the requisite software. This is a significant effort that will rely on Naval Air Weapons Station China Lake to develop the required products. This will entail development of the product, lab testing and eventually flight testing of the software loads. There will be some mutual software development, but the end result will depend on U.S. Government engineers to provide final check and approval of all software profiles. This FMS case funds this effort. Additionally, the software effort will support Automatic Ground Collision Avoidance System (A-GCAS). This system is also referred to as Automatic Terrain Avoidance Warning System (A-TAWS). This is flight control software that uses a terrain elevation database to calculate the aircraft's relative position above the ground. If it senses that the aircraft is on a collision course with the ground that is outside of normal parameters, it automatically commands the aircraft to roll wings level and recover away from a ground collision.

g. The ADM-141C Improved Tactical Air-Launched Decoy (ITALD) is unclassified. The ITALD vehicle is intended to be delivered by sea- and land-based tactical aircraft, to cause an increase in the number of apparent targets to enemy defenses prior to or during air strikes. The ITALD system consists of the flight vehicle, launch rack (Improved Triple Ejector Rack (ITER)), Improved Decoy Tester/Programmer (IDTP), Radio Frequency Payload System Tester (PSST), and shipping/storage container. The ITALD is capable of functioning in the vehicle test mode, mission programming mode (using JMPS with ITALD UPC), GPS almanac uploading mode, captive carriage mode, launch mode, jettison mode, and free-flight mode.

h. The Joint Mission Planning System (JMPS) is classified SECRET. JMPS will provide mission planning capability for support of military aviation operations. It will also provide support for unit-level mission planning for all phases of military flight operations and have the capability to provide necessary mission data for the aircrew. JMPS will support the downloading of data to electronics data transfer devices for transfer to aircraft and weapon systems. A JMPS for a specific aircraft type will consist of basic planning tools called the Joint Mission

Planning Environment (JMPE) mated with a Unique Planning Component (UPC) provided by the aircraft program. In addition, UPCs will be required for specific weapons, communication devices, and moving map displays. The JMPS will be tailored to the specific releasable configuration for the F/A-18A, with maximum commonality with the most advanced United States Marine Corps configuration of these aircraft.

i. The AN/ARC-210 RT-2036 (Gen 6) Radio's Line-of-sight data transfer rates up to 80 kb/s in a 25 kHz channel creating high-speed communication of critical situational awareness information for increased mission effectiveness. Software that is reprogrammable in the field via Memory Loader/Verifier Software making flexible use for multiple missions. The AN/ARC-210 has embedded software with programmable cryptography for secure communications. Relative to the 5th Generation AN/ARC-210 radios, the 6th generation AN/ARC-210 RT-2036 adds, in addition to newer hardware, the Mobile User Objective System (MUOS) capability. Access to the MUOS satellite constellation can be effectively controlled by withholding the relevant order wire keys from RT-2036 users.

2. If a technologically advanced adversary were to obtain knowledge of the specific hardware or software in this proposed sale, the information could be used to develop countermeasures which might reduce weapon system effectiveness or be used in the development of a system with similar or advance capabilities.

3. A determination has been made that the recipient country, the Government of Canada can provide substantially the same degree of protection for the classified and sensitive technology being released as the United States Government. This sale is necessary in furtherance if the United States Foreign Policy and National Security objectives outlined in the Policy Justification.

4. All defense articles and services listed in this transmittal have been authorized for release and export to the Government of Canada.

ADDITIONAL STATEMENTS

RECOGNIZING BEST MEMORIES ACADEMY

● Mr. RUBIO. Madam President, as chairman of the Senate Committee on Small Business and Entrepreneurship, each week I recognize a small business that exemplifies the American entrepreneurial spirit at the heart of our country. It is my privilege to recognize a woman-owned small business that provides an enriching environment for children and serves a diverse community. This week, it is my pleasure to honor Best Memories Academy of Orlando, FL, as the Senate Small Business of the Week.

For 20 years, Best Memories Academy has provided quality childcare for families in Orlando, FL. When her son was 2 years old, Lyana Vazquez, originally from Puerto Rico, began searching for a daycare program that would provide instruction in English and Spanish, but options were limited in the Orlando area. Undeterred, Lyana founded Best Memories Academy, to provide daycare and preschool programs with an emphasis on bilingual education.

Over the years, Best Memories Academy has expanded its services. Lyana developed a bilingual curriculum and built strong relationships with Orlando's growing Latino community. She hired educators who spoke English and Spanish, incorporating the LENA Grow Program into their training. This research-based program enabled staff to begin conversational language teaching during critical stages of language learning. In 2019, Best Memories Academy began offering kindergarten and first grade instruction in addition to voluntary prekindergarten and after-school care. They partnered with the Early Learning Coalition of Orange County, ELCOC, to host educational workshops and community outreach events, becoming one of the premier daycare centers in the area.

Like many other small businesses, Best Memories Academy experienced a sharp decline in revenue due to the coronavirus pandemic. As student enrollment dropped, Lyana modified her business operations to comply with the latest best practices from the Center for Disease Control, Florida Department of Health, and Florida Department of Children and Families. Together, she and her team assembled and dropped remote-learning packets for students, taking special care with the materials for children whose families lacked internet access. Despite the challenges, Lyana was determined to stay open to care for the children of essential workers and keep her employees paid.

When the U.S. Small Business Administration launched the Paycheck Protection Program PPP, Lyana immediately applied. The PPP provides forgivable loans to impacted small businesses and nonprofits who maintain their payroll during the COVID-19 pandemic. Nine days after she submitted an application, Best Memories Academy received funding for a PPP loan in early April. As a result, Lyana was able to keep her 12 employees paid and keep her business open until Florida began to reopen and students returned. For Lyana and her team, the Paycheck Protection Program didn't just provide a salary—it provided hope.

Best Memories Academy is a notable example of the role of relationship-driven small businesses in building community. I commend their work to provide high-quality bilingual education to children ranging from infancy to elementary school. Congratulations to Lyana and the entire team at Best Memories Academy. I look forward to watching your continued growth and success in the Orlando area.●

EXECUTIVE AND OTHER COMMUNICATIONS

The following communications were laid before the Senate, together with accompanying papers, reports, and documents, and were referred as indicated:

EC-4821. A communication from the Director of Legislative Affairs, Federal Deposit

Insurance Corporation, transmitting, pursuant to law, the report of a rule entitled "Regulatory Capital Rule: Revised Transition of the Current Expected Credit Losses Methodology for Allowances; Correction" (RIN3064-AF46) received in the Office of the President of the Senate on June 11, 2020; to the Committee on Banking, Housing, and Urban Affairs.

EC-4822. A communication from the Director of Legislative Affairs, Federal Deposit Insurance Corporation, transmitting, pursuant to law, the report of a rule entitled "Interim Final Rule - Regulatory Capital Rule: Temporary Exclusion of U.S. Treasury Securities and Deposits at Federal Reserve Banks from the Supplementary Leverage Ratio for Depository Institutions" (RIN3064-AF44) received in the Office of the President of the Senate on June 11, 2020; to the Committee on Banking, Housing, and Urban Affairs.

EC-4823. A communication from the Chairman and President of the Export-Import Bank, transmitting, pursuant to law, a report relative to transactions involving U.S. exports to Turkey; to the Committee on Banking, Housing, and Urban Affairs.

EC-4824. A communication from the Chairman and President of the Export-Import Bank, transmitting, pursuant to law, a report relative to transactions involving U.S. exports to various countries; to the Committee on Banking, Housing, and Urban Affairs.

EC-4825. A communication from the Chairman, Federal Maritime Commission, transmitting, pursuant to law, the Commission's Semiannual Report of the Inspector General for the period from October 1, 2019 through March 31, 2020; to the Committee on Homeland Security and Governmental Affairs.

EC-4826. A communication from the President and Chief Executive Officer, National Railroad Passenger Corporation, Amtrak, transmitting, pursuant to law, a report relative to Fiscal Year 2020 emergency funding in the CARES Act; to the Committee on Commerce, Science, and Transportation.

INTRODUCTION OF BILLS AND JOINT RESOLUTIONS

The following bills and joint resolutions were introduced, read the first and second times by unanimous consent, and referred as indicated:

By Mr. COONS (for himself, Mr. WICKER, Mr. BOOKER, Mr. GRAHAM, Mr. REED, Mr. RUBIO, Ms. DUCKWORTH, Mrs. HYDE-SMITH, Ms. HARRIS, Mr. CASSIDY, Ms. BALDWIN, Mr. CORNYN, Mr. KING, and Ms. COLLINS):

S. 3964. A bill to amend the national service laws to prioritize national service programs and projects that are directly related to the response to and recovery from the COVID-19 public health emergency, and for other purposes; to the Committee on Finance.

By Mr. HEINRICH (for himself and Mr. PORTMAN):

S. 3965. A bill to accelerate the application of artificial intelligence in the Department of Defense and to strengthen the workforce that pertains to artificial intelligence, and for other purposes; to the Committee on Armed Services.

By Mr. CRUZ:

S. 3966. A bill to provide a tax credit to businesses that provide testing for COVID-19 to their employees; to the Committee on Finance.

By Mr. SCHATZ (for himself and Ms. HIRONO):

S. 3967. A bill to reform Federal Aviation Administration safety requirements for com-

mercial air tour operators, and for other purposes; to the Committee on Commerce, Science, and Transportation.

By Mr. COTTON:

S. 3968. A bill to create an award for law enforcement officers who exemplify best practices to reduce the excessive use of force or improve community policing, and for other purposes; to the Committee on the Judiciary.

By Mr. WICKER (for himself and Ms. CANTWELL):

S. 3969. A bill to amend title 49, United States Code, to reform the Federal Aviation Administration's aircraft certification process, and for other purposes; to the Committee on Commerce, Science, and Transportation.

By Mrs. LOEFFLER:

S. 3970. A bill to amend the Department of Agriculture Reorganization Act of 1994 to promote an American agriculture first agenda and establish the position of Domestic Agriculture Supply Chain Administrator in the Office of the Secretary of Agriculture to connect United States farmers with foodbanks, grocers, and nonprofit food distributors during periods of food scarcity, and for other purposes; to the Committee on Agriculture, Nutrition, and Forestry.

SUBMISSION OF CONCURRENT AND SENATE RESOLUTIONS

The following concurrent resolutions and Senate resolutions were read, and referred (or acted upon), as indicated:

By Mr. PORTMAN (for himself and Mr. BROWN):

S. Res. 623. A resolution commemorating Otto Frederick Warmbier and condemning the North Korean regime for their continued human rights abuses; to the Committee on Foreign Relations.

By Mr. COONS (for himself and Mr. RUBIO):

S. Res. 624. A resolution expressing the sense of the Senate that the activities of Russian national Yevgeniy Prigozhin and his affiliated entities pose a threat to the national interest and national security of the United States; to the Committee on Foreign Relations.

ADDITIONAL COSPONSORS

S. 631

At the request of Mr. CARPER, the name of the Senator from Montana (Mr. TESTER) was added as a cosponsor of S. 631, a bill to provide for the admission of the State of Washington, D.C. into the Union.

S. 2417

At the request of Mr. KENNEDY, the name of the Senator from Indiana (Mr. YOUNG) was added as a cosponsor of S. 2417, a bill to provide for payment of proceeds from savings bonds to a State with title to such bonds pursuant to the judgment of a court.

S. 3748

At the request of Mr. CORNYN, the name of the Senator from Montana (Mr. DAINES) was added as a cosponsor of S. 3748, a bill to award a Congressional Gold Medal to the United States Army Dust Off crews of the Vietnam War, collectively, in recognition of their extraordinary heroism and lifesaving actions in Vietnam.

S. 3756

At the request of Mr. GRASSLEY, the names of the Senator from Nebraska