

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.

[FR Doc. 2020-15511 Filed 7-16-20; 8:45 am]

BILLING CODE 5001-06-P

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal No. 20-0G]

### Arms Sales Notification

**AGENCY:** Defense Security Cooperation Agency, Department of Defense.

**ACTION:** Arms sales notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of an arms sales notification.

**FOR FURTHER INFORMATION CONTACT:** Karma Job at [karma.d.job.civ@mail.mil](mailto:karma.d.job.civ@mail.mil) or (703) 697-8976.

**SUPPLEMENTARY INFORMATION:** This 36(b)(5)(C) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the

House of Representatives, Transmittal  
20-0G with attached Policy Justification  
and Sensitivity of Technology.

Dated: July 10, 2020.  
**Aaron T. Siegel,**  
*Alternate OSD Federal Register Liaison  
Officer, Department of Defense.*  
BILLING CODE 5001-06-P



**DEFENSE SECURITY COOPERATION AGENCY**  
201 12<sup>TH</sup> STREET SOUTH, SUITE 101  
ARLINGTON, VA 22202-5408

June 15, 2020

The Honorable Nancy Pelosi  
Speaker of the House  
U.S. House of Representatives  
H-209, The Capitol  
Washington, DC 20515

Dear Madam Speaker:

Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 20-0G. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 18-19 of June 26, 2018.

Sincerely,

Charles W. Hooper  
Lieutenant General, USA  
Director

Enclosures:

1. Transmittal

BILLING CODE 5001-006-C

Transmittal No. 20-0G

REPORT OF ENHANCEMENT OR  
UPGRADE OF SENSITIVITY OF  
TECHNOLOGY OR CAPABILITY (SEC.  
36(B)(5)(C), AECA)

(i) *Prospective Purchaser:* Government  
of Spain

(ii) *Sec. 36(b)(1), AECA Transmittal  
No.:* 18-19

Date: June 26, 2018

Implementing Agency: Navy

(iii) *Description:* On June 26, 2018  
Congress was notified, by Congressional  
certification transmittal number 18-19,  
of the possible sale, under Section  
36(b)(1) of the Arms Export Control Act,  
to the Government of Spain of five (5)  
AEGIS Weapons Systems (AWS) MK7,  
six (6) shipsets Digital Signal  
Processing, five (5) shipsets AWS

Computing Infrastructure MARK 1 MOD  
0, five (5) shipsets Operational  
Readiness Test Systems (ORTS), five (5)  
shipsets MK 99 MOD 14 Fire Control  
System, five (5) shipsets MK 41 Baseline  
VII Vertical Launching Systems (VLS),  
two (2) All-Up-Round MK 54 Mod 0  
lightweight torpedoes, twenty (20) SM-  
2 Block IIIB missiles and MK 13  
canisters with AN/DKT-71 warhead  
compatible telemeter. Also included are  
one (1) S4 AWS computer program, five  
(5) shipsets Ultra High Frequency (UHF)  
Satellite Communications (SATCOM),  
five (5) shipsets AN/SRQ-4 radio  
terminal sets, five (5) shipsets ordnance  
handling equipment, five (5) shipsets  
Selective Availability Anti-Spoofing  
Modules (SAASM), five (5) shipsets  
aviation handling and support  
equipment, five (5) shipsets AN/SLQ-  
24E Torpedo countermeasures systems,

five (5) shipsets LM04 Thru-Hull XBT  
Launcher and test canisters, one (1)  
shipset MK 36 MOD 6 Decoy Launching  
System, five (5) shipsets Link Level  
COMSEC (LLC) 7M for LINK 22, five (5)  
shipsets Maintenance Assist Module  
(MAM) cabinets, five (5) shipsets  
technical documentation, five (5)  
shipsets installation support material,  
special purpose test equipment, system  
engineering, technical services, on-site  
vendor assistance, spare parts, systems  
training, foreign liaison office and  
staging services necessary to support  
ship construction and delivery, spare  
and repair parts, tools and test  
equipment, support equipment, repair  
and return support, personnel training  
and training equipment, publications  
and technical documentation, U.S.  
Government and contractor engineering  
and logistics support services, and other

related elements of logistic and program support. The estimated total cost was \$860.4 million. Major Defense Equipment (MDE) constituted \$324.4 million of this total.

This transmittal reports inclusion of an additional thirty (30) All-Up-Round MK 54 Lightweight Torpedoes (MDE). The following non-MDE items will also be included: MK 54 LWT expendables; MK 54 turnaround kits; MK 54 containers; one (1) MK-695 Torpedo Systems Test Set (TSTS); Support equipment including fire control modification platforms and spare parts; torpedo spare parts; training; publications; software; U.S. Government and contractor engineering, technical, and logistics support services and other related elements of logistics and program support. The addition of these items will result in a net increase in MDE cost of \$45 million, resulting in a revised MDE cost of \$369.4 million. The total estimated case value will increase to \$940.4 million.

(iv) *Significance*: The proposed articles and services will support Spain's capability to commission their

new F-110 frigates with the AEGIS Weapon System (AWS).

(v) *Justification*: This proposed sale will support the foreign policy and national security of the United States by improving the security of a NATO ally which is an important force for political stability and economic progress in Europe. It is vital to the U.S. national interest to assist Spain in developing and maintaining a strong and ready self-defense capability.

(vi) *Sensitivity of Technology*: The Sensitivity of Technology Statement contained in the original notification applies to items reported here.

(vii) *Date Report Delivered to Congress*: June 15, 2020

[FR Doc. 2020-15503 Filed 7-16-20; 8:45 am]

**BILLING CODE 5001-06-P**

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## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal No. 20-0F]

### Arms Sales Notification

**AGENCY**: Defense Security Cooperation Agency, Department of Defense.

**ACTION**: Arms sales notice.

**SUMMARY**: The Department of Defense is publishing the unclassified text of an arms sales notification.

**FOR FURTHER INFORMATION CONTACT**: Karma Job at [karma.d.job.civ@mail.mil](mailto:karma.d.job.civ@mail.mil) or (703) 697-8976.

**SUPPLEMENTARY INFORMATION**: This 36(b)(5)(C) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 20-0F with attached Policy Justification and Sensitivity of Technology.

Dated: July 10, 2020.

**Aaron T. Siegel,**

*Alternate OSD Federal Register Liaison Officer, Department of Defense.*

**BILLING CODE 5001-06-P**