

Tank components considered to contain sensitive technology in the proposed sale are as follows:

a. Export Thermal Imaging System (TIS) and Export Commander's Independent Thermal Viewer (CITV): The TIS and CITV constitute a target acquisition system which, when operated with other tank systems, gives the tank crew a substantial battlefield advantage over adversary. The TIS provides the Abrams M1A2 crew with the ability to effectively aim and fire the tank main armament system under a broad range of adverse conditions. The TIS can be operated and viewed by the tank gunner or tank commander and is the main sighting system for the tank or main gun (cannon). The CITV provides the same target acquisition system as the TIS but through a separate system that can be controlled and operated independent of the TIS.

b. Special Armor (FMS-released version of special armor): Major components of special armor are fabricated in sealed modules and in serialized removable subassemblies.

c. 120 millimeter (mm) Main Gun (Cannon) and M256 Gun Barrel: The Abrams 120mm main gun system is composed of a 120mm smoothbore gun (cannon), also referred to as the M256 gun barrel, manufactured at Watervliet Arsenal. It can fire armor-piercing fin-stabilized discarding sabot (APFSDS), other warheads, and combustible cartridge case ammunition.

d. AGT-1500 Gas Turbine Propulsion System: The use of AGT-1500 gas turbine propulsion system in the M1A2 is a unique application of armored vehicle power pack technology. The hardware is composed of the AGT-1500 engine and transmission.

e. Common Remotely Operated Weapon Station—Low Profile (CROWS-LP) (M153A2E1): The CROWS-LP allows for remote operation of the M2HB, M2A1, M240B, and M240 machine gun systems.

f. Ammunition Data Link (ADL): The ADL consists of hardware, electronics, and software. The ADL is required to effectively fire the latest generation of "smart" 120mm main gun ammunition. The ADL transmits data to main gun smart ammunition to increase its capability and effectiveness.

g. Driver Vision Enhancer: The AN/VAS-5 Driver Vision Enhancer—Abrams (DVE-A) and Rear-View Sensor System (RVSS), M88 (DVE-CV), and JAB (DVE & RVSS) are un-cooled thermal imaging systems. The DVE-A (CV) and RVSS allow for tactical vehicle movement in support of operational missions in all environmental conditions (day/night and all weather)

and provides enhanced driving capability during limited visibility conditions (darkness, smoke, dust, fog, etc.).

h. AN/PSN-13 Defense Advanced Global Positioning System (GPS) Receiver (DAGR): The DAGR is a handheld GPS receiver used by the U.S. Army and select foreign military services. DAGR is a military-grade, dual-frequency receiver and has the security hardware necessary to decode GPS band signals. The DAGR is a handheld GPS receiver which utilizes Selective Availability Anti-Spoofing Module (SAASM) security. It is used for the Abrams Tank, the M88A2 Heavy Equipment Recovery Combat Utility Lifting Extraction System (HERCULES) Combat Recovery Vehicle, and the Joint Assault Bridge.

i. GPS with M-Code capability: M-Code is designed to enhance military position, navigation, and timing capabilities. M-Code is designed with improved resistance to existing and emerging threats to GPS, such as jamming and spoofing (i.e., detecting and rejecting false signals).

j. AN/PRC-158: The AN/PRC-158 is a multiband handheld radio. It is a portable, compact, tactical, software-defined combat-net radio manufactured by L3/Harris Corporation. It is used for the Abrams Tank and the M88A2 HERCULES Combat Recovery Vehicle.

k. PVS-14 Night Vision Monocular: The PVS-14 Night Vision Monocular is a rugged, lightweight, multi-purpose night vision device that has repeatedly proven itself in combat. The PVS-14 can be used as a handheld device or mounted on a head harness.

2. M88A2 HERCULES Combat Recovery Vehicle: The M88A2 HERCULES is designed to recover damaged Abrams M1 Main Battle Tanks from the battlefield. The vehicle can extricate M1s and other combat vehicles that have become bogged down or entangled and can additionally repair or replace damaged parts under fire. The M88A2 main winch is capable of 70-ton single line recovery and a 140-ton 2:1 recovery when used with a 140-ton pulley. The A-frame boom of the M88A2 can lift 35 tons when used in conjunction with the spade down. The spade can be used for light earth moving and to anchor the vehicle when using the main winch. The M88A2 employs an Auxiliary Power Unit (APU) to provide auxiliary electrical and hydraulic power when the main engine is not in operation; the APU can also be used to start other vehicles.

3. M1110 Joint Assault Bridge (JAB): The M1110 JAB is a fully tracked armored Combat Engineer System

designed to provide assault bridging capabilities to armored forces. The JAB System consists of an M1A1 Abrams chassis (with A2 heavy suspension) and a hydraulic bridge launch mechanism that will launch and retrieve the Heavy Assault Scissor Bridge (HASB).

4. M1150 Assault Breacher Vehicle: The M1150 is a tracked, Combat Engineer System designed to breach mine fields and complex obstacles and provide in-stride breaching capability. It provides crew protection and vehicle survivability while having the speed and mobility to keep pace with the maneuver force.

5. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

6. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

7. A determination has been made that Bahrain can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

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

[FR Doc. 2025-09788 Filed 5-29-25; 8:45 am]

BILLING CODE 6001-FR-P

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal No. 23-0S]

### Arms Sales Notification

**AGENCY:** Defense Security Cooperation Agency, Department of Defense (DoD).

**ACTION:** Arms sales notice.

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

**FOR FURTHER INFORMATION CONTACT:** Pamela Young at (703) 953-6092, [pamela.a.young14.civ@mail.mil](mailto:pamela.a.young14.civ@mail.mil), or [dsca.ncr.rsrcmgmt.list.cns-mbx@mail.mil](mailto:dsca.ncr.rsrcmgmt.list.cns-mbx@mail.mil).

**SUPPLEMENTARY INFORMATION:** This 36(b)(5)(C) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164

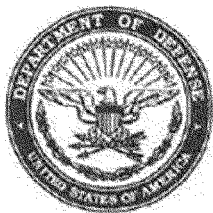
dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives with attached Transmittal 23-0S.

Dated: May 27, 2025.

Aaron T. Siegel,

Alternate OSD Federal Register Liaison  
Officer, Department of Defense.

BILLING CODE 6001-FR-P



**DEFENSE SECURITY COOPERATION AGENCY**  
2800 Defense Pentagon  
Washington, DC 20301-2800

MAR 26 2024

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

Dear Mr. 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. 23-0S. 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 19-74 of May 7, 2020.

Sincerely,

A handwritten signature in dark ink, reading "James A. Hursch", is positioned above the printed name.

James A. Hursch  
Director

Enclosures:

1. Transmittal
2. Regional Balance (Classified document provided under separate cover)

Transmittal No. 23-0S

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

(i) Purchaser: Government of Egypt

(ii) Sec. 36(b)(1), AECA Transmittal  
No.: 19-74

Date: May 7, 2020

Implementing Agency: Army

Funding Source: National Funds

(iii) *Description:* On May 7, 2020, Congress was notified by Congressional certification transmittal number 19-74, of the possible sale under Section 36(b)(1) of the Arms Export Control Act, of equipment to refurbish forty-three (43) AH-64E Apache attack helicopters. This included: eighty-eight (88) T700-GE-701D engines (86 remanufactured, 2 spares); forty-seven (47) AN/ASQ-170 Modernized Target Acquisition and

Designation Sight/AN/AAR-11 Modernized Pilot Night Vision Sensors (MTADS/PNVs) (43 remanufactured, 2 new, 2 spares); forty-five (45) AAR-57 Common Missile Warning Systems (CMWS) (43 new, 2 spares); and ninety-two (92) Embedded Global Positioning System/Inertial Navigation Systems (EGI) (86 new, 6 spares). Also included were AN/AVR-2B Laser Detecting Sets, AN/APX-119 transponders, Identify

Friend or Foe (IFF), AN/APN-209 radar altimeters, AN/ARN-149 Automatic Direction Finders, UHF/VHF radio, tactical AN/ARC-201E radio, APR-39 Radar Warning Sets, Improved Data Modems IDM-401, Enhanced Image Intensifiers EI2, Hellfire launchers M299, 2.75 inch 19 tube rocket launchers, M230 automatic guns, M230 spare gun barrels, MT06 initiators, cartridge actuated JAU-59, training devices, helmets, simulators, generators, transportation, wheeled vehicles and organization equipment, spare and repair parts, support equipment, tools and test equipment, technical data and publications, personnel training and training equipment, U.S. government and contractor engineering, technical, and logistics support services, and other related elements of logistics support. The total estimated program cost was \$2.3 billion. Major Defense Equipment (MDE) constituted \$2.0 billion of this total.

This transmittal notifies inclusion of the following MDE items: ninety-five (95) AN/ARC-231A (RT-1987) radios (not enumerated in the original notification); an additional ten (10) T700-GE-701D engines; and one (1) AN/ASQ-170 Modernized Target Acquisition and Designation Sight/AN/AAR-11 Modernized Pilot Night Vision Sensor (MTADS/PNVS). Also included are AN/APX-123A Identify Friend or Foe (IFF) transponders; KIV-77 Crypto Appliques; AN/PYQ-10 (C) Simple Key Loaders (SKL); and the Automated Communication Engineering Software (ACES) package. The estimated total value of the added items is \$150 million. The estimated total MDE value will increase by \$150 million to a revised \$2.15 billion. The estimated total non-MDE value will decrease by \$150 million. The total estimated case value will remain \$2.3 billion.

(iv) *Significance*: This notification is being provided as the additional items replace obsolete items which had not been included in the original notification, and because the aircraft that had been programmed to undergo remanufacture as part of this refurbishment received additional recent damage that required additional parts and support. The proposed articles and services will support Egypt's ongoing effort to modernize its armed forces and increase its capacity to detect threats and control its borders, contributing to the maintenance of regional stability and security. This will contribute to the Egyptian military's effort to update their capabilities and enhance interoperability with the United States and other strategic allies.

(v) *Justification*: This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the security of a Major Non-NATO Ally that continues to be an important force for political stability and economic progress in the Middle East.

(vi) *Sensitivity of Technology*:

The AN/ARC-231A (RT-1987) radio is a multi-mode software defined radio providing line of sight very high frequency (VHF)/ultra high frequency (UHF) secure and non-secure voice and data communications over the 30.000–941.000 MHz frequency range and Satellite Communications (SATCOM) beyond line of sight secure and non-secure voice and data, including Demand Assigned Multiple ACCESS (DAMA) communications over the 240–320 MHz frequency range on manned and unmanned aviation platforms. ARC-231A includes improved type-1 cryptographic algorithm and processing capabilities, Civil Land Mobile Radio, Single Channel Ground and Airborne Radios System (SINCGARS) capabilities, HAVE QUICK (HQ), Second Generation Anti-Jam Tactical UHF Radio for NATO (SATURN) wave form, 8.33 kHz channel spacing for Global Air-Traffic Management (GATM) compliance, and capability for Mobile User Objective System (MUOS) waveform through possible future hardware and software updates.

The AN/APX-123A Transponder is an IFF digital transponder set that provides pertinent platform information in response to an IFF interrogator. It provides this cooperative capability using full diversity selection, as well as Mode Select capability.

The KIV-77 is a Common Crypto Applique for IFF that provides Mode 4/5 capability.

The AN/PYQ-10 (C) Simple Key Loader (SKL) is a ruggedized, portable, hand-held fill device used for securely receiving, storing, and transferring electronic key material and data between compatible end cryptographic units (ECU) and communications equipment. It supports both the DS-101 and DS-102 interfaces, as well as the Crypto Ignition Key, and is compatible with existing ECUs.

The Sensitivity of Technology Statement contained in the original notification applies to other items reported here.

The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

(vii) *Date Report Delivered to Congress*: March 26, 2024

[FR Doc. 2025–09787 Filed 5–29–25; 8:45 am]

BILLING CODE 6001–FR–C

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Docket ID: DoD-2025-OS-0019]

### Proposed Collection; Comment Request

**AGENCY**: Washington Headquarters Services (WHS), Department of Defense (DoD).

**ACTION**: 60-Day information collection notice.

**SUMMARY**: In compliance with the *Paperwork Reduction Act of 1995*, the WHS announces a proposed public information collection and seeks public comment on the provisions thereof. Comments are invited on: whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; the accuracy of the agency's estimate of the burden of the proposed information collection; ways to enhance the quality, utility, and clarity of the information to be collected; and ways to minimize the burden of the information collection on respondents, including through the use of automated collection techniques or other forms of information technology.

**DATES**: Consideration will be given to all comments received by July 29, 2025.

**ADDRESSES**: You may submit comments, identified by docket number and title, by any of the following methods:

*Federal eRulemaking Portal*: <http://www.regulations.gov>. Follow the instructions for submitting comments.

*Mail*: Department of Defense, Office of the Assistant to the Secretary of Defense for Privacy, Civil Liberties, and Transparency, 4800 Mark Center Drive, Mailbox #24, Suite 05F16, Alexandria, VA 22350-1700.

*Instructions*: All submissions received must include the agency name, docket number and title for this **Federal Register** document. The general policy for comments and other submissions from members of the public is to make these submissions available for public viewing on the internet at <http://www.regulations.gov> as they are received without change, including any personal identifiers or contact information.

**FOR FURTHER INFORMATION CONTACT**: To request more information on this