

Transmittal No. 00-55**Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act****Annex
Item No. vi****(vi) Sensitivity of Technology:**

1. The SM-2 Block IIIA Standard missile is a U.S. Navy surface-launched guided missile and classified Secret. It is operationally deployed on cruisers, destroyers, and frigates for use against air and surface threats (aircraft, missiles, and ships). The guidance system employs a continuous-wave radar link for homing to the target. Steering and roll commands from the adaptive auto-pilot system provide flight stability via four aft-mounted control surfaces. Propulsion is provided by a solid propellant, dual thrust rocket motor which is an integral part of the missile airframe. The target detecting device is a complex fuze with dual radar systems to optimize warhead lethality against a spectrum of target sizes and speeds.

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

3. A determination has been made that Korea 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.

[FR Doc. 00-19424 Filed 8-01-00; 8:45 am]

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DEPARTMENT OF DEFENSE**Office of the Secretary****[Transmittal No. 00-56]****36(b)(1) Arms Sales Notification****AGENCY:** Department of Defense, Defense Security Cooperation Agency.**ACTION:** Notice.

SUMMARY: The Department of Defense is publishing the unclassified text of a section 36(b)(1) arms sales notification. This is published to fulfill the requirements of section 155 of P.L. 104-164 dated 21 July 1996.

FOR FURTHER INFORMATION CONTACT: Ms. J. Hurd, DSCA/COMPT/RM, (703) 604-6575.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 00-56 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: July 26, 2000.

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

BILLING CODE 5001-10-M



DEFENSE SECURITY COOPERATION AGENCY

WASHINGTON, DC 20301-2800

20 JUL 2000

In reply refer to:

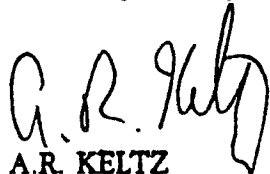
I-00/007950

**Honorable J. Dennis Hastert
Speaker of the House of
Representatives
Washington, D.C. 20515-6501**

Dear Mr. Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, we are forwarding herewith Transmittal No. 00-56, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance (LOA) to Egypt for defense articles and services estimated to cost \$400 million. Soon after this letter is delivered to your office, we plan to notify the news media.

Sincerely,


**A.R. KELTZ
DEPUTY DIRECTOR**

Attachments

**Same ltr to: House Committee on International Relations
Senate Committee on Appropriations
Senate Committee on Foreign Relations
House Committee on National Security
Senate Committee on Armed Services
House Committee on Appropriations**

Transmittal No. 00-56**Notice of Proposed Issuance of Letter of Offer
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of the Arms Export Control Act**

- (i) **Prospective Purchaser: Egypt**
- (ii) **Total Estimated Value:**

Major Defense Equipment*	\$250 million
Other	<u>\$150 million</u>
TOTAL	\$400 million
- (iii) **Description of Articles or Services Offered: Upgrade of 35 AH-64A to AH-64D model Attack helicopters excluding AH-64D Longbow Fire Control Radar, 35 Target Acquisition Designation Sight/Pilot Night Vision Sensor (TADS/PNVS), two Spare Target Acquisition Designation, spare and repair parts, support equipment, publications and technical documentation, U.S. Quality Assurance Teams, personnel training and training equipment, U.S. Government and contractor technical support and other related elements of logistics support.**
- (iv) **Military Department: Army (UTN)**
- (v) **Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None**
- (vi) **Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Annex attached**
- (vii) **Date Report Delivered to Congress: 20 JUL 2000**

* as defined in Section 47(6) of the Arms Export Control Act.

POLICY JUSTIFICATION

Egypt - AH-64A to AH-64D Model Attack Helicopters

The Government of Egypt has requested a possible sale for the upgrade of 35 AH-64A to AH-64D model Attack helicopters excluding AH-64D Longbow Fire Control Radar, 35 Target Acquisition Designation Sight/Pilot Night Vision Sensor (TADS/PNVS), two Spare Target Acquisition Designation, spare and repair parts, support equipment, publications and technical documentation, U.S. Quality Assurance Teams, personnel training and training equipment, U.S. Government and contractor technical support and other related elements of logistics support. The estimated cost is \$400 million.

This proposed sale will contribute to the foreign policy and national security of the United States by helping to improve the security of a friendly country which has been and continues to be an important force for political stability and economic progress in the Middle East.

Egypt desires these articles to fulfill their strategic commitments for self-defense, with coalition support, in the region. The proposed sale will upgrade its anti-armor day/night missile capability, provide for the defense of vital installations and provide close air support for the military ground forces. Egypt, which already has APACHE helicopters in its inventory, will have no difficulty absorbing these helicopters.

The proposed sale of this equipment and support will not affect the basic military balance in the region.

The principal contractors will be the Boeing Company of Mesa, Arizona and Lockheed Martin Electronics and Missiles of Orlando, Florida. There are no offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require the assignment of several U.S. Government Quality Assurance Teams to Egypt for two weeks to assist in the delivery of deployment of the systems. There will be four U.S. Government and four contractor representatives for one week intervals twice annually to participate in program management and technical reviews.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

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Annex
Item No. vi

(vi) Sensitivity of Technology:

1. The AH-64D APACHE Attack Helicopter includes the following classified or sensitive components:

a. The Target Acquisition and Designation Sight/Pilot Night Vision Sensor (TADS/PNVS) with Optical Improvements (OIP) system provides day, night, limited adverse weather target information, as well as night navigation capabilities. The PNVS provides thermal imaging that permits nap-of-the-earth flight to, from, and within the battle area, while TADS provides the co-pilot gunner with search, detection, recognition, and designation by means of Direct View Optics (DVO), television, and Forward Looking Infrared (FLIR) sighting systems that may be used singularly or in combinations. Hardware is Unclassified. Technical manuals for authorized maintenance levels are Unclassified. Reverse engineering is not a major concern.

b. The AN/APR-39A(V)(3) Radar Signal Detecting System provides warning of a radar directed air defense threat to permit appropriate countermeasures. Hardware is classified Confidential. Technical manuals for the maintenance levels are classified Confidential. Technical performance data is classified Secret. Reverse engineering is not a major concern.

c. AN/ALQ-162(V)(6) Radar Jammer provides radar jamming and protection against surface-to-air missiles and Airborne Intercept missiles that continuous wave (CW) radar for guidance.

d. AN/AVR-2A(V) Laser Detecting Set provides passive laser warning system which receives, processes and displays threat information resulting from aircraft illumination by lasers, on the IP-1150A indicator. The hardware is classified Confidential; releasable technical manuals for operation and maintenance are classified Secret. Reverse engineering and development of countermeasures are concerns if the hardware and releasable technical data are compromised by competent advisory, there would be a substantial technology loss/transfer.

2. If a technologically advanced adversary were to obtain knowledge of the specific hardware 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. This proposed sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification. Moreover, the benefits to be derived from this proposed sale, as outlined in the Policy Justification, outweigh the potential damage that could result if the sensitive technology were revealed to unauthorized persons.