

POLICY JUSTIFICATION

Singapore - AIM-120C Advanced Medium Range Air-to-Air Missiles

The Government of Singapore has requested a possible sale of up to 100 AIM-120C Advanced Medium Range Air-to-Air Missiles (AMRAAM), 60 LAU-129A/A missile launcher, two Captive Air Training Missiles, missile containers, spare and repair parts, support and test equipment, software support, publications and technical documentation, maintenance and pilot training, contractor support and other related elements of logistics support. The estimated cost is \$85 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 Southeast Asia.

Singapore needs these missiles to enhance the air-to-air self-defense capability of its F-16 aircraft and provide for increase interoperability with U.S. forces. Singapore will have no difficulty absorbing these missiles into its armed forces.

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

The principal contractors will be Raytheon Missile Systems Corporation of Tucson, Arizona and Lockheed Martin Aeronautics Company of Ft. Worth, Texas. There are no offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to Singapore.

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

[FR Doc. 00-26173 Filed 10-11-00; 8:45 am]
BILLING CODE 5001-10-C

DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 00-75]

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 Public Law 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 00-75 with attached transmittal, policy justification and Sensitivity of Technology.

Dated: October 5, 2000.

L.M. Bynum,
Alternate OSD Federal Register Liaison Officer, Department of Defense.

BILLING CODE 5001-10-M



DEFENSE SECURITY COOPERATION AGENCY

WASHINGTON, DC 20301-2800

25 SEP 2000**In reply refer to:
I-00/007597**

**Honorable J. Dennis Hastert
Speaker of the House of
Representatives
Washington, D.C. 20515-6801**

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. 00-75 and under separate cover the classified offset certificate thereto. This Transmittal concerns the Department of the Army's proposed Letter(s) of Offer and Acceptance (LOA) to Israel for defense articles and services estimated to cost \$509 million. Soon after this letter is delivered to your office, we plan to notify the news media of the unclassified portion of this Transmittal.

Reporting of Offset Agreements in accordance with Section 36(b)(1)(C) of the Arms Export Control Act (AECA), as amended by Section 1245 of H.R. 3427 enacted by P.L. 106-113 dated November 29, 1999, requires a description of any offset agreement with respect to this proposed sale. Section 36(b)(1)(g) of the AECA, as amended, provides that reported information related to offset agreements be treated as confidential information in accordance with section 12(c) of the Export Administration Act of 1979 (50 U.S.C. App. 2411(c)). Information about offsets for this proposed sale are described in the enclosed confidential attachment.

Sincerely,

A handwritten signature in black ink, reading "Tome H. Walters, Jr.", is positioned above the typed name.

**TOME H. WALTERS, JR.
LIEUTENANT GENERAL, USAF
DIRECTOR**

Attachments

**Separate Cover:
Offset certificate**

**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. 00-75

**Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act**

- (i) **Prospective Purchaser:** Israel
- (ii) **Total Estimated Value:**
 - Major Defense Equipment* \$ 396 million
 - Other \$ 113 million
 - TOTAL \$ 509 million
- (iii) **Description of Articles or Services Offered:** Eight AH-64D APACHE attack helicopters, 10 AN/APG-78 AH-64D Longbow Fire Control Radar, configuration of 70 M272 HELLFIRE missile launchers to M299 HELLFIRE missile launchers, spare and repair parts, communications equipment, support equipment, tools and test sets, chaff dispensers, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor technical support and other related elements of logistics support.
- (iv) **Military Department:** Army (YUM, Amendment 2)
- (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:** none
- (vii) **Date Report Delivered to Congress:** 25 SEP 2000

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

POLICY JUSTIFICATION

Israel - AH-64D APAHCE Attack Helicopters

The Government of Israel has requested a possible sale of eight AH-64D APACHE attack helicopters, 10 AN/APG-78 AH-64D Longbow Fire Control Radar, configuration of 70 M272 HELLFIRE missile launchers to M299 HELLFIRE missile launchers, spare and repair parts, communications equipment, support equipment, tools and test sets, chaff dispensers, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor technical support and other related elements of logistics support. The estimated cost is \$509 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 Middle East.

Israel desires these articles to fulfill their strategic commitments for self-defense and self-reliance. 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. Israel, 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 prime contractor will be Boeing Company of Mesa, Arizona; Lockheed Martin Electronics and Missiles, Orlando, Florida; Lockheed Martin Federal Systems, Owego, New York; General Electric, Lynn, Massachusetts; and Longbow LLC, Orlando, Florida. One or more proposed offset agreements may be related to this proposed sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to Israel.

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

Transmittal No. 00-75**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 AH-64D APACHE Attack Helicopter includes the following classified or sensitive components:

a. AN/APG-78 AH-64D Longbow Fire Control Radar (FCR) is an active fire control radar system providing detection, location, classification and prioritization of targets to be prosecuted by the Longbow HELLFIRE Modular Missile System or handed over to other on-board sensor systems. This enables the APACHE helicopter to detect and fire upon targets in visual conditions which preclude the use of visual or infrared imaging systems. Hardware is Unclassified; releasable technical manuals for operation and organic level maintenance are Unclassified. The AH-64D Longbow critical system information is stored in the FCR in the form of mission source codes, target detection, classification algorithms, and coded threat parametrics; all classified Secret. The data, including operational software, proposed for release will not, in itself, facilitate reverse engineering.

b. The AN/APR-48A Radar Frequency Interferometer (RFI) is part of the AN/APR-78 FCR. It passively detects, locates in azimuth, and identifies radar emitters and sends the emitter identification, and location to either the FCR or to the APACHE Weapons Processor for display to the aircrew. Emitter information can also be used for prioritization. Hardware is classified Secret when the User Data Module (UDM) is attached to the RFI Processor Assembly; Unclassified when the UDM is absent. Releasable technical manuals for operation and organic level maintenance are Unclassified. The data, including operational software, proposed for release will not facilitate reverse engineering.

c. 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.

d. The AGM-114L3 HELLFIRE missiles with containers, hardware, and documentation are Unclassified. The Longbow HELLFIRE missile guidance section and the guidance algorithms (source codes) contain classified technical data and design information. This design information is classified Secret and the warhead performance is classified Confidential. Sensitive software algorithms are contained within the system, but the L-3 version contains several software security capabilities. Also, the missile source code is not releasable. This protects the sensitive software information from being compromised. The Longbow seeker contains critical components, but the technical data package will not be released.

e. AN/ALQ-144A(V)3 Infrared Countermeasure Set - an active, continuous operating, omni-directional, electrically fired infrared jammer system designed to confuse or decoy threat IR missile systems, in conjunction with low reflective paint and engine suppressors. Hardware is classified Confidential. Technical manuals for authorized maintenance levels are classified Secret. Reverse engineering and development of counter-countermeasures are concerns if the hardware and releasable technical data were compromised.

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 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 Israel 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.

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DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 00-76]

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 Public Law 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 00-76 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: October 5, 2000.

L.M. Bynum,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

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