

Transmittal No. 00-52**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 F-16 weapon system is unclassified except as noted below; however it possesses state-of-the art technology in weapon capabilities and manufacturing techniques. The hardware, software, and data identified are classified to protect vulnerabilities, design and performance parameters, munitions-related data, and similar critical information. If a technologically advanced adversary were to obtain knowledge of these specific hardware and software elements, it might be able to develop countermeasures or counter tactics that could reduce weapon system effectiveness.

2. The sensitive elements of the F-16 A/B Mid Life Update (MLU) configuration include the F-220(E) turbofan engine, the AN/APG-66(V)2 radar computer object code, the fly-by wire flight control system, AIM-7 and AIM-9, and AIM-120 (AMRAAM) missile capability. In addition, the MLU configuration contains cryptological equipment necessary for secure voice and data transmissions as well as the classified system, Advanced Identification Friend or Foe (AIFF). Classified elements of the F-16 also include the engine infrared signature, radar software documentation, Radar Cross Section (RCS) characteristics, signature reduction techniques, Operational Flight Program (OFP) and object code for the Fire Control Computer, Stores Management Set Computer, Multifunctional Display Computer and the Modular Mission Computer. Some operating manuals and maintenance technical orders (approximately 15) are also sensitive because they contain performance information, operating and test procedures, and other information related to support operations and repair.

3. A determination has been made that the Government of Portugal can provide substantially the same degree of protection for the technology being released as the U.S. Government. This proposed sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the policy justification portion of the notification.

[FR Doc. 00-19433 Filed 8-1-00; 8:45 am]
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DEPARTMENT OF DEFENSE**Office of the Secretary**

[Transmittal No. 00-53]

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 00-53 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

21 JUL 2000

In reply refer to:
I-00/007630

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. 00-53 and under separate cover the classified offset certificate thereto. This Transmittal concerns the Department of the Air Force's proposed Letter(s) of Offer and Acceptance (LOA) to Denmark for defense articles and services estimated to cost \$40 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.R. KELTZ
DEPUTY 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. 00-53

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

- (i) **Prospective Purchaser:** Denmark
- (ii) **Total Estimated Value:**
- | | |
|--------------------------|---------------------|
| Major Defense Equipment* | \$18 million |
| Other | <u>\$22 million</u> |
| TOTAL | \$40 million |
- (iii) **Description of Articles or Services Offered:** Four hundred GBU-31 Joint Direct Attack Munition (JDAM) tail kits, 120 BLU-109 Bombs, 400 Joint Programmable Fuzes, four Common Munitions Bit Reprogramming Equipment devices, three inert warheads, testing, spare and repair parts, support equipment, contractor engineering and technical support, and other related elements of program support.
- (iv) **Military Department:** Air Force (YAH)
- (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:** 21 JUL 2000

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

POLICY JUSTIFICATION

Denmark - Joint Direct Attack Munitions Tail Kits

The Government of Denmark has requested a possible purchase of 400 GBU-31 Joint Direct Attack Munition (JDAM) tail kits, 120 BLU-109 Bombs, 400 Joint Programmable Fuzes, four Common Munitions Bit Reprogramming Equipment devices, three inert warheads, testing, spare and repair parts, support equipment, contractor engineering and technical support, and other related elements of program support. The estimated cost is \$40 million.

This proposed sale will contribute to the foreign policy and national security objectives of the United States by improving the military capabilities of Denmark and further weapon system standardization and interoperability with U.S. forces.

Denmark will use these new munitions to upgrade and support their existing systems. This proposed sale will contribute significantly to U.S. strategic and tactical objectives by strengthening the unity and interoperability within NATO. Denmark will have no difficulty absorbing JDAM into its armed forces.

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 St. Louis, Missouri. One or more proposed offset agreements may be related to this proposed sale.

Implementation of this proposed sale will not require the assignment of a U.S. Government or contractor representatives to Denmark.

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

Transmittal No. 00-53

**Notice of Proposed Issuance of Letter of Offer
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of the Arms Export Control Act**

**Annex
Item No. vi**

(vi) Sensitivity of Technology:

1. The Joint Direct Attack Munition is actually a guidance kit that converts existing unguided free-fall bombs (such as MK 84 and BLU-109) into precision-guided "smart" munitions. By adding a new tail section containing an Inertial Navigation System (INS)/Global Positioning System (GPS) guidance to existing inventories of MK-84 bombs or BLU-109, the cost effective JDAM provides highly accurate weapons delivery in any "flyable" weather. The INS, using updates from the GPS, helps guide the bomb to the target via the use of movable tail fins.

2. Weapons accuracy is dependent on target coordinates and present position inputs into the guidance control unit. After weapon release, movable tail fins guide the weapon to the target coordinates. In addition to the tail kit, other elements in the overall system that are essential for successful employment include:

Access to accurate target coordinates.
INS/GPS capability
Operational Test and Evaluation Plan.

3. The BLU-109/B is a penetrating bomb designed to penetrate 4-6 feet of concrete before detonation. The weapon is made of extremely hard steel casing material, with the shape optimized for penetration. It is Unclassified.

4. A determination has been made that the Government of Denmark can provide substantially the same degree of protection for the technology being released as the U.S. Government. This proposed sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the policy justification portion of the notification.

[FR Doc. 00-19434 Filed 8-1-00; 8:45 am]

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DEPARTMENT OF DEFENSE**Office of the Secretary**

[Transmittal No. 00-54]

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 00-54 with attached transmittal, policy justification, Sensitivity of Technology, and Section 620C(d) of the Foreign Assistance Act of 1961.

Dated: July 26, 2000.

C.M. Robinson,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

BILLING CODE 5001-10-M