

provides superior situational awareness and protection against electronic warfare systems and radar-guided weapons systems in contested and congested electromagnetic spectrum environments.

4. The AN/AAQ-24(V)N LAIRCM system is a self-contained, directed-energy countermeasures system designed to protect aircraft from infrared-guided surface-to-air missiles. The LAIRCM system features digital technology micro-miniature solid-state electronics. The system operates in all conditions, detecting incoming missiles and jamming infrared-seeker equipped missiles with aimed bursts of laser energy. The LAIRCM system consists of multiple Missile Warning Sensors, the Guardian Laser Transmitter Assembly (GLTA), a System Processor Replacement (LSPR), a Control Interface Unit Replacement (CIUR), and a Classified Memory Card User Data Module (UDM).

a. The LAIRCM Missile Warning Sensors detect and declare threat missiles. The sensors are mounted on the aircraft exterior to provide omnidirectional protection. The sensors detect the rocket plume of missiles and send appropriate data signals to the System Processor Replacement (LSPR) for processing.

b. The Guardian Laser Transmitter Assembly (GLTA) is a laser transmitter pointer/tracker subsystem designed to track the inbound threat missile and point the laser jam source at the missile's seeker. The GLTA automatically deploys the countermeasure.

c. The LSPR analyzes the data from each Missile Warning Sensor and automatically deploys the appropriate countermeasure via the GLTA. The LSPR contains Built-in-Test (BIT) circuitry.

d. The Control Interface Unit Replacement (CIUR) displays the incoming threat for the pilot to take appropriate action. The CIUR also provides operator interface to program the LAIRCM system to initiate built-in-test (BIT), to display system status, and to provide the crew with bearing to threat missile launch.

e. The UDM card contains the laser jam codes. It is loaded into the LSPR prior to flight; when not in use, the Classified Memory Card User Data Module is removed from the LSPR and put in secure storage.

5. The Multifunctional Information Distribution System (MIDS) with Joint Tactical Radio System (JTRS) is an advanced Link-16 command, control, communications, and intelligence (C3I) system incorporating high-capacity,

jam-resistant, digital communication links for exchange of near real-time tactical information, including both data and voice, among air, ground, and sea elements.

6. The KYV-5M Communication Security Module enables secure voice for the ANDVT.

7. The AN/ARC-190 is a solid-state, high-frequency (HF) transceiver that provides beyond-line-of-sight communications capability for various military airborne applications.

8. The AN/ARC-210 is a voice communications radio system equipped with HAVE QUICK II, which employs cryptographic technology. Other waveforms may be included as needed.

9. The AN/ARN-153 is an airborne receiver-transmitter component of the Tactical Airborne Navigation (TACAN) avionics system.

10. AN/ARN-147 receivers combine all VHF Omni Ranging/Instrument Landing System (VOR/ILS) functions into one compact, lightweight set.

11. The AN/ARN-149(V) low-frequency, automatic direction-finding system provides automatic pointing to low-frequency and medium-frequency non-directional beacons (NDB), standard broadcast stations, and emergency stations on frequencies of 500 and 2182 kHz. An aural output provides station identification, weather reporting, and AM broadcast audio.

12. The AN/APX-119 is an Identification Friend or Foe (IFF) transponder that provides military aircraft with a secure combat identification capability to help reduce fratricide and enhance battlespace awareness, while providing safe access to civilian airspace.

13. The AN/AAR-47A(V)2 Missile Warning System is a small, lightweight, passive, electro-optic, threat warning device used to detect surface-to-air missiles fired at helicopters and low-flying, fixed-wing aircraft and automatically provide countermeasures, as well as audio and visual-sector warning messages to the aircrew.

14. The AN/APN-241 is a Low-Power Color Radar (LPCR) are radars in the transport class with a high-resolution SAR mapping mode. In addition to meeting needs for precision navigation, this radar enables operators to execute landing missions on unimproved runways without aid from ground-based landing systems.

15. The AN/ALE-47 countermeasures dispensing system (CMDS) is an integrated, threat-adaptive, software programmable dispensing system capable of dispensing chaff, flares, and active radio frequency expendables. The AN/ALE-47 uses data received over the

aircraft interfaces to assess the threat situation and to determine a response.

16. The AN/ALR-56 is a computer-controlled, advanced radar warning receiver (RWR) designed to provide improved aircrew situational awareness of the radar guided threat environment through improved performance in a dense signal environment and improved detection of modern threats signals.

17. The AN/PYQ-10 Simple Key Loader is a handheld device used for securely receiving, storing, and transferring data between compatible cryptographic and communications equipment.

18. The MX-20HD is a gyro-stabilized, multi-spectral, multi-field-of-view (FOV) Electro-Optical/Infrared (E.O./IR) targeting system. The system provides surveillance laser illumination and laser designation through use of an externally mounted turret sensor unit and internally mounted master control. Sensor video imagery is displayed in the aircraft real time and may be recorded for subsequent ground analysis.

19. The KIV-77 is a cryptographic applique for IFF. It can be loaded with Mode 5 classified elements.

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

21. 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.

22. A determination has been made that Australia 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.

23. All defense articles and services listed in this transmittal have been authorized for release and export to Australia.

[FR Doc. 2024-18293 Filed 8-14-24; 8:45 am]

BILLING CODE 6001-FR-P

DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 22-63]

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: Neil Hedlund at *neil.g.hedlund.civ@mail.mil* or (703) 697-9214.

SUPPLEMENTARY INFORMATION: This 36(b)(1) 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 22-63, Policy Justification, and Sensitivity of Technology.

Dated: August 12, 2024.

Patricia L. Toppings,
OSD Federal Register Liaison Officer,
Department of Defense.

BILLING CODE 6001-FR-P



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


November 15, 2022

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)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 22-69, concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Switzerland for defense articles and services estimated to cost \$700 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

for 
James A. Hursch
Director

Enclosures:

- 1. Transmittal
- 2. Policy Justification
- 3. Sensitivity of Technology

BILLING CODE 6001-FR-C

Transmittal No. 22-63

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

(i) *Prospective Purchaser:* Government of Belgium

(ii) *Total Estimated Value:*

Major Defense Equipment *	\$358 million
Other	\$ 22 million
TOTAL	\$380 million

(iii) *Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:*

Major Defense Equipment (MDE):

Up to one hundred twenty (120) AIM-120C-8 Advanced Medium Range Air-to-Air Missiles (AMRAAM)
Ten (10) AMRAAM C-8 Guidance Sections

Non-MDE:

Also included are spare AIM-120 control sections and containers; AIM-120C Captive Air Training Missiles (CATM); other spare parts,

consumables, accessories, and repair/return support; classified software; books, technical documentation, and other publications; training and training equipment; munitions support and support equipment; and other related elements of logistical and program support.

(iv) *Military Department: Air Force (BE-D-YCG)*

(v) *Prior Related Cases, if any: N/A*

(vi) *Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None known at this time*

(vii) *Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex*

(viii) *Date Report Delivered to Congress: November 8, 2022*

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

POLICY JUSTIFICATION

Belgium—Advanced Medium Range Air-to-Air Missiles for F-16 and F-35 Programs

The Government of Belgium has requested to buy up to one hundred twenty (120) AIM-120C-8 Advanced Medium Range Air-to-Air Missiles (AMRAAM); and ten (10) AMRAAM C-8 Guidance Sections. Also included are spare AIM-120 control sections and containers; AIM-120C Captive Air Training Missiles (CATM); other spare parts, consumables, accessories, and repair/return support; classified software; books, technical documentation, and other publications; training and training equipment; munitions support and support equipment; and other related elements of logistical and program support. The estimated total cost is \$380 million.

This proposed sale will support the foreign policy and national security objectives 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.

The proposed sale will improve Belgium's capability to meet current and

future threats by maintaining its F-16 and F-35 fleets in combat-ready status and providing a credible deterrent to regional threats. Belgium will have no difficulty absorbing these articles and services into its armed forces.

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

The principal contractor will be Raytheon Missile Systems, Tucson, AZ. There are no known 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 Belgium.

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

Transmittal No. 22-63

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

Annex

Item No. vii

(vii) *Sensitivity of Technology:*

1. The AIM-120C-8 Advanced Medium Range Air-to-Air Missile (AMRAAM) is a supersonic, air launched, aerial intercept, guided missile featuring digital technology and micro-miniature solid-state electronics. AMRAAM capabilities include look-down/shoot-down, multiple launches against multiple targets, resistance to electronic countermeasures, and interception of high and low-flying and maneuvering targets. This potential sale will include Captive Air Training Missiles (CATM) as well as AMRAAM guidance section and control section spares.

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

3. 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.

4. A determination has been made that Belgium 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.

5. All defense articles and services listed in this transmittal have been authorized for release and export to Belgium.

[FR Doc. 2024-18294 Filed 8-14-24; 8:45 am]

BILLING CODE 6001-FR-P

DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 22-60]

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: Neil Hedlund at neil.g.hedlund.civ@mail.mil or (703) 697-9214.

SUPPLEMENTARY INFORMATION: This 36(b)(1) 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 22-60, Policy Justification, and Sensitivity of Technology.

Dated: August 12, 2024.

Patricia L. Toppings,

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

BILLING CODE 6001-FR-P