

and logistics support services, and other related elements of logistics support.

(iv) *Military Department: Army* (WYZ).

(v) *Prior Related Cases, if any:* None.

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

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

(viii) *Date Report Delivered to Congress:* 12 June 2012.

### Policy Justification

#### Qatar—UH-60M BLACK HAWK Helicopters

The Government of Qatar has requested a possible sale of 12 UH-60M BLACK HAWK Utility Helicopters, 26 T700-GE-701D Engines (24 installed and 2 spares), 15 AN/AAR-57(V)7 Common Missile Warning Systems, 15 AN/AVR-2B Laser Detecting Sets, 15 AN/APR-39A(V)4 Radar Signal Detecting Sets, 26 M240H Machine Guns, and 26 AN/AVS-6 Night Vision Goggles. Also included are M206 infrared countermeasure flares, M211 and M212 Advanced Infrared Countermeasure Munitions (AIRCMM) flares, M134D-H Machine Guns, system integration and air worthiness certification, 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 estimated cost is \$1.112 billion.

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 that has been, and continues to be, an important force for political and economic progress in the Middle East. Qatar is host to the U.S. AFCENT forces and serves as a critical forward-deployed location in the region.

The proposed sale of the UH-60M BLACK HAWK helicopters will improve Qatar's capability to meet current and future threats and provide greater security for its critical oil and natural gas infrastructure, and significant national events. Qatar will use the enhanced capability to strengthen its homeland defense. Qatar will have no difficulty absorbing these helicopters into its armed forces.

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

The prime contractors will be Sikorsky Aircraft Company in Stratford, Connecticut, and General Electric Aircraft Company in Lynn, Massachusetts. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require the assignment of two contractor representatives to Qatar for a minimum of three years to support delivery of the helicopters and provide support and equipment familiarization. In addition, Qatar has expressed an interest in a Technical Assistance Fielding Team for in-country pilot and maintenance training. To support the requirement, a team of 12 personnel (one military team leader and 11 contractors) would be deployed to Qatar for approximately three years.

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

Transmittal No. 12-08

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 UH-60M BLACK HAWK Helicopter weapon system contains communications and target identification equipment, navigation equipment, aircraft survivability equipment, displays, and sensors. The airframe itself does not contain sensitive technology; however, the pertinent equipment listed below will be either installed on the aircraft or included in the sale:

a. The AN/AAR-57(V)7 Common Missile Warning System (CMWS) detects energy emitted by threat missile in-flight, evaluates potential false alarm emitters in the environment, declares validity of threat and selects appropriate counter-measures. The CMWS consists of an Electronic Control Unit (ECU), Electro-Optic Missile Sensors (EOMSs), and Sequencer and Improved Countermeasures Dispenser (ICMD). The ECU hardware is classified Confidential; releasable technical manuals for operation and maintenance are classified Secret.

b. The AN/APR-39A(V)4 Radar Signal Detecting Set is a system that provides warning of a radar directed air defense threat to allow appropriate countermeasures. This is the 1553 databus compatible configuration. The hardware is classified Confidential when programmed with U.S. threat data; releasable technical manuals for operation and maintenance are

classified Confidential; releasable technical data (technical performance) is classified Secret.

c. The AN/AVR-2B Laser Warning Set is a passive laser warning system that receives, processes and displays threat information resulting from aircraft illumination by lasers. The hardware is classified Confidential; releasable technical manuals for operation and maintenance are classified Secret.

d. The M211 flare is a countermeasure decoy in a 1"x1"x8" form factor in an aluminum case cartridge. It consists of case, piston, special material payload foils, and end cap. The special material is a pyrophoric metal (iron) foil that reacts with oxygen to generate infrared energy. The M211 decoys are dispersed from an aircraft to be used as a decoy in combination with the currently fielded M206 and M212 countermeasure flares to protect against advanced air-to-air and surface-to-air missile threats. The hardware is Unclassified and releasable technical manuals for operation and maintenance are classified Secret.

e. The M212 flare is a multi-spectral countermeasure flare in a 1"x1"x8" form factor in an aluminum case cartridge. It consists of a case, impulse cartridge, Safe and Ignition (S&I), a propellant grain and a forward brass closure which acts as a weight to improve aerodynamics of the decoy. The M212 flares are dispersed from an aircraft and used in combination with the currently fielded M206 and M211 countermeasure flares and decoys to protect against advanced air-to-air and surface-to-air missile threats. The hardware is Unclassified and releasable technical manuals for operation and maintenance are classified Secret.

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 that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

[FR Doc. 2012-15359 Filed 6-22-12; 8:45 am]

BILLING CODE 5001-06-P

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal Nos. 12-31]

### 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 July 21, 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms. B. English, DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 12-31 with attached transmittal, policy

justification, and Sensitivity of Technology.

Dated: June 19, 2012.

**Aaron Siegel,**

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

**BILLING CODE 5001-06-P**



**DEFENSE SECURITY COOPERATION AGENCY**

201 12TH STREET SOUTH, STE 203  
ARLINGTON, VA 22202-5408

JUN 7 2012

The Honorable John A. Boehner  
Speaker of the House  
U.S. House of Representatives  
Washington, DC 20515

Dear Mr. 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. 12-31, concerning the Department of the Air Force's proposed Letter(s) of Offer and Acceptance to Norway for defense articles and services estimated to cost \$300 million. After this letter is delivered to your office, we plan to issue a press statement to notify the public of this proposed sale.

Sincerely,

A handwritten signature in black ink, reading "Richard A. Genaille, Jr." in a cursive script.

**Richard A. Genaille, Jr.**  
**Deputy Director**

**Enclosures:**

1. Transmittal
2. Policy Justification
3. Sensitivity of Technology
4. Regional Balance (Classified Document Provided under Separate Cover)



## BILLING CODE 5001-06-C

Transmittal No. 12-31

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:* Norway.

(ii) *Total Estimated Value:*

Major Defense Equipment *	\$270 million
Other .....	30 million

Total .....	300 million
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\* As defined in Section 47(6) of the Arms Export Control Act.

(iii) *Description and Quantity of Quantities of Articles or Services under Consideration for Purchase:* 2 C-130J-30 United States Air Force (USAF) baseline Aircraft, 9 Rolls Royce AE2100D3 Engines (8 installed and 1 spare), countermeasure systems, aircraft modifications, Government Furnished Equipment, communication equipment and support, tools and test equipment, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering, technical and logistics support services, and other related elements of logistical and program support.

(iv) *Military Department:* Air Force (SAG).

(v) *Prior Related Cases, if any:* FMS case SAF—\$518M—Feb07.

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

(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:* 7 June 2012.

### Policy Justification

#### Norway—C-130J-30 Aircraft

The Government of Norway has requested a possible sale of 2 C-130J-30 United States Air Force (USAF) baseline Aircraft, 9 Rolls Royce AE2100D3 Engines (8 installed and 1 spare), countermeasure systems, aircraft modifications, Government Furnished Equipment, communication equipment and support, tools and test equipment, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering, technical and logistics support services, and other related elements of logistical and program support. The estimated cost is \$300 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 NATO ally. Norway has been a strong partner in

coalition operations in Libya, Iraq and Afghanistan, and has provided support to the Balkans, the Baltics, and the NATO training mission in Iraq (NTM-I). Norwegian efforts in peacekeeping and humanitarian operations have made a significant impact on regional political and economic stability and have served U.S. national security interests.

Norway intends to use these aircraft in support of NATO-International Security Assistance Force (ISAF) missions in Afghanistan. Norway needs these aircraft to fulfill national and international airlift commitments and requirements, and to increase its capability to provide intra-theater lift for its forces. These aircraft will also increase Norway's ability to assist in disaster relief, humanitarian missions, and military deployments in the future. The Royal Norwegian Air Force, which already operates C-130Js in Norway and in support of operations worldwide, will have no difficulty absorbing these additional aircraft.

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

The prime contractor will be Lockheed Martin-Aerospace in Marietta, Georgia. There are no known offset agreements 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 Norway.

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

Transmittal No. 12-31

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 AN/ALE-47 Counter-Measures Dispensing System (CMDS) is an integrated, threat-adaptive, software-programmable dispensing system capable of dispensing chaff, flares, and active radio frequency expendables. The threats countered by the CMDS include radar-directed anti-aircraft artillery, radar command-guided missiles, radar homing guided missiles, and infrared guided missiles. The system is internally mounted and may be operated as a stand-alone system or may be integrated with other on-board EW and avionics systems. The AN/ALE-47 uses threat data received over the aircraft interfaces to assess the threat situation and to determine a response. Expendable routines tailored to the

immediate aircraft and threat environment may be dispensed using one of four operational modes. The hardware and technical data and documentation provided are Unclassified.

a. The AN/AAR-47 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. The basic system consists of multiple Optical Sensor Converter (OSC) units, a Computer Processor (CP) and a Control Indicator (CI). The set of OSC units, which normally consist of four, is mounted on the aircraft exterior to provide omni-directional protection. The OSC detects the rocket plume of missiles and sends appropriate signals to the CP for processing. The CP analyzes the data from each OSC and automatically deploys the appropriate countermeasures. The CP also contains comprehensive BIT circuitry. The CI displays the incoming direction of the threat, so that the pilot can take appropriate action. The hardware and technical data and documentation to be provided are Unclassified.

b. The AN/ALR-56M Advanced Radar Warning Receiver continuously detects and intercepts radio frequency signals in certain frequency ranges and analyzes and separates threat signals from non-threat signals. It contributes to full-dimensional protection by providing individual aircraft probability of survival through improved aircrew situational awareness of the radar guided threat environment. The ALR-56M is designed to provide improved performance in a dense signal environment and improved detection of modern threat signals. The hardware and technical data and documentation to be provided are Unclassified.

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 that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

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