**Arms Sales to Saudi Arabia: The Corporate Connection**

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The U.S. arms sales relationship with Saudi Arabia is increasingly controversial as a result of the brutal Saudi bombing campaign in Yemen, which has utilized U.S.-supplied weaponry to target civilians, causing thousands of deaths in the process. The indiscriminate air strikes have hit marketplaces, hospitals, civilian neighborhoods, and even a funeral. The Saudi conduct of the bombing campaign has generated growing opposition in Congress, including an unprecedented vote by 47 members of the Senate to block a sale of precision-guided munitions to the Saudi Royal Air Force (RSAF) and a number of amendments to the House version of the National Defense Authorization Act for Fiscal Year 2018 that would restrict U.S. military support for the Saudi war effort in Yemen. And Sen. Todd Young (R-IN) and Sen. Jeff Merkley (D-OR) have each introduced amendments that would stop the sale of weapons to Saudi Arabia that could be used in its indiscriminate bombing campaign in Yemen.

This fact sheet provides information on arms offers to Saudi Arabia involving the four largest U.S. arms suppliers to that nation: Raytheon, Lockheed Martin, Boeing, and General Dynamics. The analysis covers offers
notified to Congress, not all of which have yet resulted in final deliveries of the relevant equipment; and data on weapons deliveries gathered from the Stockholm International Peace Research Institute (SIPRI) arms transfer database. Links are provided to relevant sources.

**U.S. Arms Offers to Saudi Arabia, 2009 to 2017**

This section covers arms offers to Saudi Arabia that have been officially notified to Congress since 2009. As noted above, not all of these offers will result in final sales, and some of them will take years to result in deliveries of the relevant equipment. Nonetheless, this data provides a useful picture of the scope of U.S. arms offers to Saudi Arabia. The next section will provide estimates of equipment actually delivered to date. Links to descriptions of each weapon system are provided via links to the name of each system.

**Raytheon**

Raytheon is involved in 24 arms deals with Saudi Arabia including thousands of air-to-air and air-to-ground missies and over 7,000 Paveway laser-guided bombs. The Paveway has been used in the Saudi bombing campaign in Yemen.

  

- 300 *AIM-9X SIDEWINDER* Missiles.
  
- 500 AIM-120C/7 Advanced Medium Range Air-to-Air Missiles (AMRAAM)
- 600 AGM-88B HARM Missiles.
- 150 JAVELIN Guided Missiles.
- 973 AGM-154C Joint Stand Off Weapons (JSOW).
- 10 JSOW Captive Air Training Missiles (CATM).
- 9,650 BGM-71 2A Tube-Launched, Optically-tracked Wire-Guided (TOW) Radio-Frequency (RF) missiles.
- 91 TOW-2A Fly-to-Buy missiles.
- 49 TOW-2B Fly-to-Buy missiles.
● 750 BGM-71 **2B Tube-launched, Optically-tracked Wire-guided (TOW)** missiles.  

● 7 **Fly-to-Buy TOW2B** missiles.  

● 1,000 BGM-71 **2A TOW** missiles.  

● 7 **Fly-to-Buy TOW2A** missiles.  

● **Patriot** Air Defense System.  

● 1 **Guidance Enhanced Missile (GEM)** Flight Test Target/Patriot.  

● 532 tactical **RIM-162 Evolved Sea Sparrow Missiles** (ESSM).  

● 188 **RIM 116C Block II** Rolling Airframe Missiles.  

● 5 **MK 15 Phalanx** Close-In Weapons System (CIWS).  
● 1000 **GBU-10** Paveway II Laser Guided Bombs (LGBs).
● 4,020 **GBU-12** Paveway II LGBs.
● 1,100 **GBU-24** Paveway III LGBs.

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**Lockheed Martin**

Lockheed Martin is involved in 17 separate arms deals with Saudi Arabia, including over 4,700 Hellfire air-to-ground missiles, 20 C-130J transport aircraft, KC-130J refueling aircraft, Patriot missile defense systems, and 4 Multi-Mission Surface Combatant naval vessels.

● 193 **LANTIRN** Navigation Pods.
● 640 **AGM-114R HELLFIRE II** Missiles.
● 24 **HELLFIRE** Training Missiles.
● 1,536 **AGM-114R HELLFIRE II** Missiles.
● 2,592 **AGM-114R HELLFIRE II** Missiles.
- **150 JAVELIN** Guided Missiles.
- **20 C-130J-30** Aircraft.
- **5 KC-130J** Air Refueling Aircraft.
- **38 AGM-114R Hellfire II** missiles.
- **5 AGM-114 M36-E9** Captive Air Training missiles.
- **4 AGM-114Q Hellfire** Training Missiles.
- **600 Patriot Advanced Capability-3 (PAC-3) Cost Reduction Initiative (CRI) Missiles with containers.**
- **8 PAC-3 CRI** Test Missiles for fly-to-buy.
- **(4) MMSC** ships.

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● 202 Patriot Advanced Capability (PAC) -3 Missiles with containers.
  

  

● 8 PAC-3 CRI Test Missiles for fly-to-buy.
  

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**Boeing**

Boeing is involved in 14 separate arms deals that include 84 F-15SA combat aircraft, 60 Apache attack helicopters, 36 AH-6i light attack helicopters, 1,000 small diameter bombs (SDB), and 48 Chinook transport helicopters.

● 84 F-15SA Aircraft.
  
  

● 400 AGM-84 Block II HARPOON Missiles.
  

● 10 AH-64D Block III APACHE Longbow Helicopters.
  

● 24 AH-64D Block III APACHE Longbow Helicopters.
  

● 36 AH-64D Block III APACHE Helicopters.
● 36 AH-6i Light Attack Helicopters.
● 650 AGM-84H Standoff Land Attack Missiles-Expanded Response (SLAM-ER).
● 400 AGM-84L Harpoon Block II missiles.
● 1000 GBU-39/B Small Diameter Bombs (SDB).
● 20 ATM-84H SLAM-ER Telemetry Missiles.
● 40 Harpoon CATMs.
● 20 ATM-84L Harpoon Exercise Missiles.
● 48 RGM-84 Harpoon Block II Missiles.
● 48 CH-47F Chinook Cargo Helicopters.
General Dynamics

General Dynamics is involved in 25 arms deals with Saudi Arabia, including 7,800 general purpose 2000 pound bombs, 141 Light-Armored Vehicles, 153 M-1 tanks, and 60,000 155mm high explosive projectiles for the Royal Saudi Land Forces (RSLF).

- 1,000 **MK-82 500lb** General Purpose Bombs.
- 6,000 **MK-82 500lb** Inert Training Bombs.
- 2,000 **MK-84 2000lb** General Purpose Bombs.
- 2,000 **MK-84 2000lb** Inert Training Bombs.
- 25 **LAV-25** series Light Armored Vehicles.
- 8 **LAV** Anti-Tank Vehicles.
- 2 **LAV** Recovery Vehicles.
- 24 **LAV** Command and Control Vehicles.
- 3 **LAV** Personnel Carriers.
related-support

- 3 **LAV** Ammo Carriers.

- 1 **LAV** Engineer Vehicle.

- 2 **LAV** Ambulances.

- 23 **LAV** 25mm Light Armored Vehicles (LAV).

- 14 **LAV** Personnel Carriers.

- 4 **LAV** Ambulances.

- 3 **LAV** Recovery Vehicles.

- 9 **LAV** Command and Control Vehicles.

- 20 **LAV** Anti-Tank (TOW) Vehicles.

- 153 **M1A1/A2** Tank structures for conversion to 133 M1A2S Saudi Abrams configured Main Battle Tanks and 20 battle damage replacements.

- 2,300 **BLU-117/MK-84** 2000lb General Purpose (GP) Bombs.
8,020 BLU-111/MK-82 500lb GP Bombs.

1,500 BLU-109 2000lb Penetrator Warheads.

2,000 BLU-110/MK-83 1000lb GP Bombs.

60,000 M107 155mm High Explosive (HE) Projectiles.

105mm High Explosive (HE) M1 Cartridges without Fuzes.

Sources:

- Defense Security Cooperation Agency – Congressional letters of notification available under “Major Arms Sales.”
- Each weapon system mentioned is linked to a description of the system. Sources for weapons’ descriptions include company web sites:
  - Raytheon
  - Lockheed Martin
  - Boeing
  - General Dynamics

Deliveries of U.S. Weaponry to Saudi Arabia

The data below is compiled from the Stockholm International Peace Research Institute (SIPRI) arms transfer database (see link to source at the end of this section).
Raytheon

- (150) AIM-9X Sidewinder, as of 2010
- (100) Paveway guided bombs, as of 2010-2011
- (2742) BGM-71 TOW anti-tank missiles, as of 2011-2013
- (170) AIM-9x Sidewinder, as of 2012-2016
- (16) Patriot PAC-3 SAM/ABM Systems, as of 2014-2016
- (3100) Paveway guided bombs, as of 2013-2016
- (140) AIM-120C AMRAAMs, as of 2015-2016
- (20) AGM-154 JSOW guided bombs, as of 2016
- (4400) BGM-71F TOW-2B anti-tank missiles, as of 2015-2016
- (7150) BGM-71 TOW anti-tank missiles, as of 2015-2016
- (50) MIM-104F PAC-3, as of 2016
- (2700) Paveway guided bombs, as of 2016

Lockheed Martin

- (4) AAQ-13 LANTIRN navigation pods, as of 2016
- (2592) AGM-114L Hellfire anti-tank missiles, as of 2013-2014
- 2 KC-130J Hercules, as of 2016
- (2176) AGM-114L Hellfire anti-tank missiles, as of 2015-2016

Boeing

- (12) AH-64D Apache Helicopters, as of 2011
- (12) AH-64D Apache Helicopters, as of 2014-2015
- (24) AH-64D Apache Helicopters, as of 2015-2016
- (12) AH-64D Apache Helicopters, as of 2015
- (20) RGM-84L Harpoon-2 missiles, as of 2016
- (10) AGM-84H SLAM-ER, as of 2016
- (20) AH-6S combat helicopters, as of 2016
- (2) F-15SG aircrafts, as of 2016
- 2 F-15SG aircrafts, as of 2016
**General Dynamics**

- LAV components:
  - (132) 6V-53 diesel engines, as of 2006-2009
  - (100) LAV-25 turret, as of 2006-2009
  - (724) 6V-53 diesel engines, as of 2011-2015
  - (72) ETS anti-tank AV turret, as of 2011-2013.
  - (264) LAV-25 turret, as of 2011-2015
  - (155) 6V-53 diesel engines, as of 2015

- (59) M1A2S Tanks, as of 2012-2014
- (300) M1A2S Tanks, as of 2012-2016

*Quantities in parentheses indicate a lesser level of certainty

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**Additional Deliveries**

**Raytheon**

- AGM-88 HARM missiles
- Patriot PAC-3

**Lockheed Martin**

- C-130J-30 Hercules

**Boeing**

- GBU-39 SDBs
- AH-64D Apache Helicopters

** Missing data on quantity and delivery date

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**Sources:**

- [Stockholm International Peace Research Institute](https://www.sipri.org) – arms transfer database for delivery quantities. Figures in parentheses are estimates based on available public sources.