

Kiowa Warrior

Supports combat and contingency operations with a light, rapidly deployable helicopter capable of armed reconnaissance, security, target acquisition and designation, command and control, light attack, and defensive air combat missions.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



Description & Specifications

The Kiowa Warrior is a rapidly deployable single-engine, two-man, lightly armed reconnaissance helicopter that features advanced visionics, navigation, communication, weapons, and cockpit integration systems. Its mast-mounted sight houses a thermal imaging system, low-light television, and a laser rangefinder/designator permitting target acquisition and engagement at stand-off ranges and in adverse weather. The navigation system can convey precise target locations to other aircraft or artillery via its advanced digital communications system. It can also transmit battlefield imagery to deliver near real-time situational awareness to command and control elements.

The Kiowa Warrior provides anti-armor, anti-personnel, and anti-aircraft capabilities at stand-off ranges. Kiowa Warrior fielding is complete, but the Army is installing safety and

performance modifications to keep the aircraft safe and mission-effective until it is retired.

Program Status

- **2QFY06:** Contract for SEP Lot IX (18 aircraft) awarded
- **2QFY06:** Completed transformation of 2/6 Cavalry Squadron, Hawaii
- **3QFY06:** Completed transformation of 4/6 Armored Cavalry Squadron, Ft. Lewis
- **3QFY06:** Completed installation of engine barrier filters on entire fleet
- **4QFY06:** Completed transformation of 7/17 Cavalry Squadron, Ft. Campbell
- **4QFY06:** Completed conversion of Category B Trainers to Safety Enhancement Configuration
- **FY05–FY06:** Reset of 131 aircraft completed
- **FY05–FY06:** Supported OIF, six units involved; highest level was 107 aircraft, 60 percent of operational fleet

Projected Activities

- **2QFY07:** Complete SEP Lot VIII deliveries
- **FY07–FY09:** Reset/Operation Iraqi Freedom support
- **FY07:** Begin weight reduction program modification
- **1QFY08:** Complete transformation of 6/17 Cavalry Squadron, AK
- **2QFY08:** Complete transformation of 1/6 Cavalry Squadron, Ft. Carson
- **2QFY08:** Complete SEP Lot IX deliveries
- **3QFY08:** Complete SEP fielding to 1/230th, ARNG, Knoxville, TN
- **FY09:** Begin retirement of Kiowa Warrior as the Army fields the Armed Reconnaissance Helicopter

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Kiowa Warrior

FOREIGN MILITARY SALES

Delivery of 39 Kiowa Warriors to Taiwan completed

CONTRACTORS

Bell Helicopter, Textron (Fort Worth, TX)
 DRS Optronics Inc. (Palm Bay, FL)
 Rolls Royce Corp. (Indianapolis, IN)
 Honeywell, Inc. (Albuquerque, NM)
 Smiths (Grand Rapids, MI)

