

# Black Hawk/UH-60

Provides air assault, general support, aero-medical evacuation, command and control, and special operations support.

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## Description & Specifications

The Black Hawk/UH-60 is the Army's utility tactical transport helicopter. Because of dramatic improvements in troop capacity and cargo lift capability, the versatile Black Hawk has enhanced the overall mobility of the Army. It will serve as the Army's utility helicopter in the Future Force.

There are four basic versions of the UH-60: the original UH-60A; the UH-60L, which has greater gross weight capability, higher cruise speed, rate of climb and external load; the UH-60M, which includes the improved GE-701D engine, providing higher cruise speed, rate of climb, and internal load than the UH-60A and L versions; and the UH-60M Pre-Planned Product Improvements (P3I) Upgrade, which includes Composite Tail Cone and Drive Shafts, Common Avionics Architecture System, Fly-By-Wire, and Full Authority Digital Engine Control

when used with the GE-701D Engine. The UH-60M program will incorporate a digitized cockpit and improved handling characteristics, and will extend the service life of the system.

On the asymmetric battlefield, the Black Hawk provides the commander the agility to get to the fight more quickly and to mass effects throughout the battlespace across the full spectrum of conflict. A single Black Hawk can transport an entire 11-person, fully equipped infantry squad faster than predecessor systems and in most weather conditions. The Black Hawk can reposition a 105mm howitzer, its crew of six, and up to 30 rounds of 105mm ammunition in a single lift. The aircraft's critical components and systems are armored or redundant, and its airframe is designed to protect crew and passengers by crushing progressively on impact.

## Program Status

- **1QFY07:** UH-60 operational testing
- **1QFY07:** Critical design review of UH-60M P3I upgrade

## Projected Activities

- **3QFY07:** UH-60M full rate production decision
- **3QFY07:** Award multi-year production contract for UH-60M
- **1QFY08:** First flight of UH-60M P3I upgrade

## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

## Black Hawk/UH-60

### FOREIGN MILITARY SALES

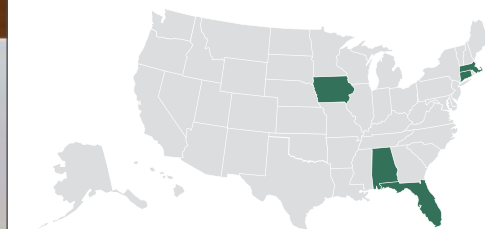
None

### CONTRACTORS

United Technologies (Stratford, CT)  
 General Electric (Lynn, MA)  
 Rockwell Collins (Cedar Rapids IA)  
 ATI Firth Sterling (Madison, AL)  
 Goodrich-Hella (Oldsmar, FL)



	UH-60A	UH-60L	UH-60M	UH-60M P31 Upgrade
<b>MAX GROSS WEIGHT</b> (pounds):	20,250	22,000	22,000	22,000
<b>CRUISE SPEED</b> (knots):	149	150	152	152
<b>RATE CLIMB</b> (feet per minute):	814	1,315	1,646	1,646
<b>ENGINES</b> (2 each):	GE-700	GE-701C	GE-701D	GE-701D
<b>EXTERNAL LOAD</b> (pounds):	8000	9,000	9,000	9,000
<b>INTERNAL LOAD</b> (troops/pounds):	11/2, 640	11/2, 640	11/3, 190	11/3, 190
<b>CREW:</b>	two pilots, two crew chiefs			
<b>ARMAMENT:</b>	two 7.62mm machine guns			



**WEAPON SYSTEMS 2007–2008**