



Sikorsky UH-60M BLACK HAWK helicopter

United States Army multi-mission combat assault helicopter



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The new advanced cockpit of the UH-60M reduces pilot workload and improves situational awareness

- Four multi-function displays
- Four-axis fully coupled flight director
- Digital map
- Dual Embedded Global Positioning System/Inertial Navigation System (EGI)
- Joint Variable Message Format (JVMF) messaging
- Stormscope
- Integrated Vehicle Health Management System (IVHMS) with Crash Survivable Memory Unit (CSMU)



Integrated Vehicle Health Management System (IVHMS)

- Onboard system IVHMS user interface
- Ground based IVHMS user interface (PMA)
- Automated data collection for vibration maintenance requirements

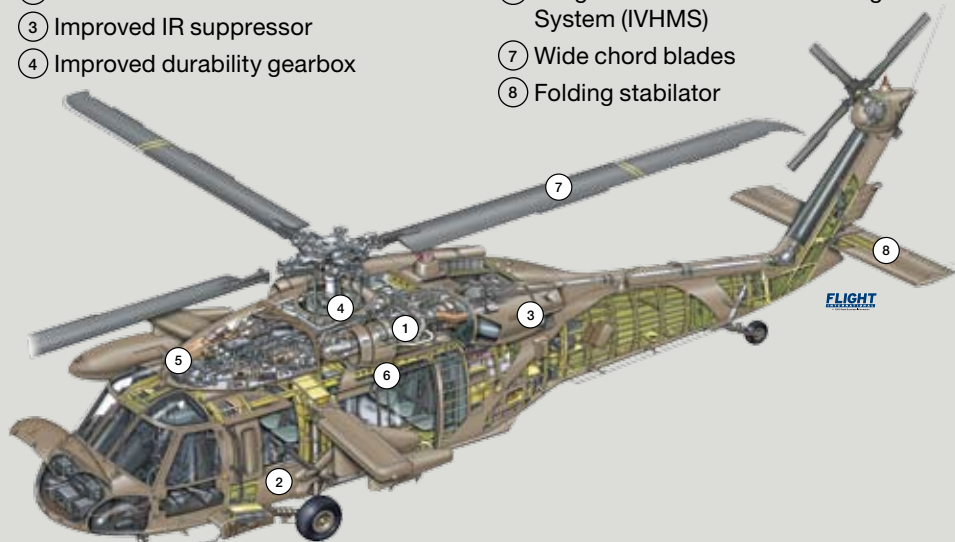


Wide chord main rotor blades improve UH-60M performance

- All composite spar reduces maintenance man hours
- Wider chord generates additional 470 pounds of lift
- Advanced design improves maneuverability and air speed

UH-60M features improve performance, reliability and maintainability

- ① T700-GE-701D engine
- ② Active vibration control
- ③ Improved IR suppressor
- ④ Improved durability gearbox
- ⑤ Dual digital flight control computer
- ⑥ Integrated Vehicle Health Management System (IVHMS)
- ⑦ Wide chord blades
- ⑧ Folding stabilator



Capabilities

	UH-60A	UH-60L	UH-60M
Crew @ total weight	3 @ 725 lb	3 @ 725 lb	4 @ 980 lb
Troops @ weight/each	11 @ 240 lb	11 @ 240 lb	11 @ 290 lb
Cargo hook capacity	8,000 lb	8,000 lb	9,000 lb

Performance

Weight empty	11,284 lb	11,782 lb	12,511 lb
Primary mission gross weight	16,994 lb	17,706 lb	19,398 lb
Maximum gross weight (slick configuration)	20,250 lb	22,000 lb	22,000 lb
Cruise Speed (16,800 lb, 4000 ft, 95°F @ 100% MCP)	140 kts	155 kts	151 kts
Vertical Rate of Climb, feet per minute			
- 16,800 lb, 4000 ft, 95°F, 95% IRP	377	1,315	1,553
- 18,000 lb, 4000 ft, 95°F, 95% IRP	0	592	941

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