



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

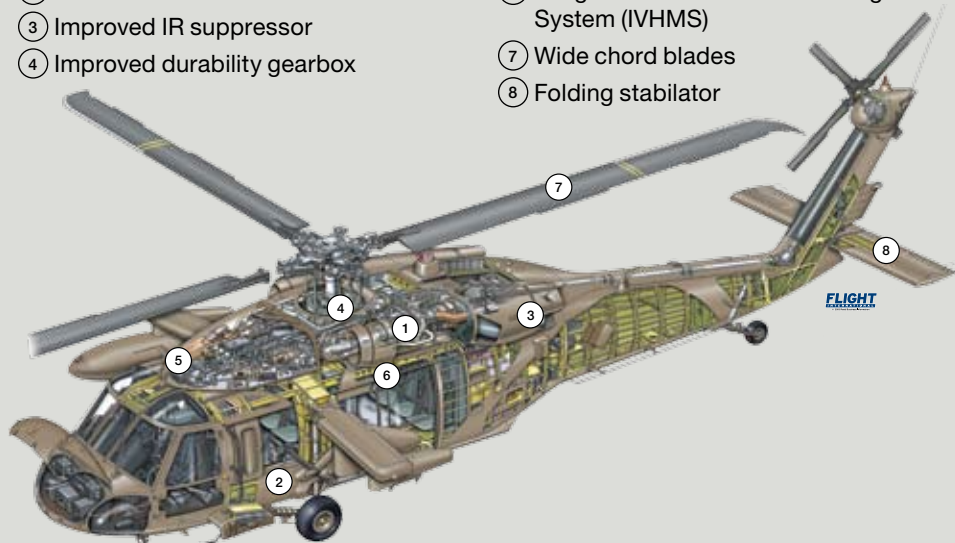


Wide chord main rotor blades improve UH-60M performance

- 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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