



Sikorsky Black Hawk

General Characteristics

Crew: 2 pilots (flight crew) with 2 crew chiefs/gunners

Capacity: 2,640 lb (1,200 kg) of cargo internally, including 11 troops or 6 stretchers, or 9,000 lb (4,100 kg) (UH-60L) of cargo externally

Length: 64 ft 10 in (19.76 m)

Fuselage length: 50 ft 1 in (15.27 m)

Fuselage width: 7 ft 9 in (2.36 m)

Rotor diameter: 53 ft 8 in (16.36 m)

Height: 16 ft 10 in (5.13 m)

Disc area: 2,260 ft² (210 m²)

Empty weight: 10,624 lb (4,819 kg)

Max. takeoff weight: 23,500 lb (10,660 kg)

Rotational speed: Engine 20,900 RPM, main rotor 258 RPM (gear ratio 81:1)[166]

Powerplant: 2 General Electric T700-GE-701C turboshaft, 1,890 hp (1,410 kW) each

Sikorsky Black Hawk S-70A



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A Sikorsky Black Hawk S-70A helicopter is shown in a hangar, viewed from a low angle. The helicopter is dark green and black, with its main rotor blades blurred. The background shows the hangar's structure and other aircraft. Performance specifications are overlaid on the image in a white, sans-serif font.

Performance

Never exceed speed: 193 knots (222 mph; 357 km/h)

Maximum speed: 159 kn (183 mph; 294 km/h)

Cruise speed: 150 kn (170 mph; 280 km/h)

Combat radius: 368 mi (320 nmi; 592 km)

Ferry range: 1,380 mi[163] (1,200 nmi; 2,220 km)
with ESSS stub wings and external tanks[165]

Service ceiling: 19,000 ft (5,790 m)

Rate of climb: 1,315 ft/min[167] (4.5 m/s)

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