



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 side-rear perspective. The helicopter is dark green and black, with its main rotor blades blurred. The background shows the hangar's structure and other aircraft. Overlaid on the image is a list of performance specifications.

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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