**S-70A Black Hawk Multi-Mission Helicopter, USA**



[Email Article](mailto:?subject=Specifications%20for%20S-70A%20Black%20Hawk%20Multi-Mission%20Helicopter,%20USA&body=http://www.army-technology.com/projects/black_hawk/specs.html)



**Key Facts**

**Dimensions:**

Main Rotor Diameter

53ft 8in

Tail Rotor Diameter

11ft

Overall Length With Rotors Turning

64ft 9in

Maximum Height to Top Turning Tail Rotor

16ft 9in

**Weights:**

Empty Weight

11,780lb

Mission Gross Weight

16,864lb

Maximum Gross Weight

22,000lb

**Engines:**

Two Turboshaft Engines

General Electric T700-GE-701 C

Power

1,940shp

Transmission Rating

3,400shp

Internal Fuel

360gal (1,360l)

External Auxiliary Fuel Tanks on ESSS System

460gal (1,740l)

**Performance:**

Figures at 16,869lb, Mission Gross Weight

Maximum Cruise Speed at 5,000ft

162kt

VNE (Never Exceed Speed)

190kt

Service Ceiling

19,000ft

Hover Ceiling, Out-of-Ground Effect (OGE)

10,600ft

Maximum Range at 5,000ft

304nm

Endurance on Internal Fuel

3 hours 5 minutes

Maximum Endurance With Auxiliary Fuel

7 hours 21 minutes

**Featured Suppliers:**

[Data Device Corporation - High-Reliability Data Networking Technology, COTS Products and Subsystems](http://www.army-technology.com/contractors/electronic/data_device/)  
[Kappa opto-electronics - Day and Night Sight Systems, Barrel Inspection, Marksmen Training and X-Ray Detection](http://www.army-technology.com/contractors/surveillance/kappa/)  
[Parvus Corp - Rugged COTS Embedded Computer and Network Subsystems](http://www.army-technology.com/contractors/computers/parvus-corp/)  
[Plasan - Armour Protection Kits for Military and Civilian Vehicles, Aircraft and Personal Protection](http://www.army-technology.com/contractors/armoured/plasan/)