

Sikorsky S-92 Helicopter



Tough, Safe, Reliable



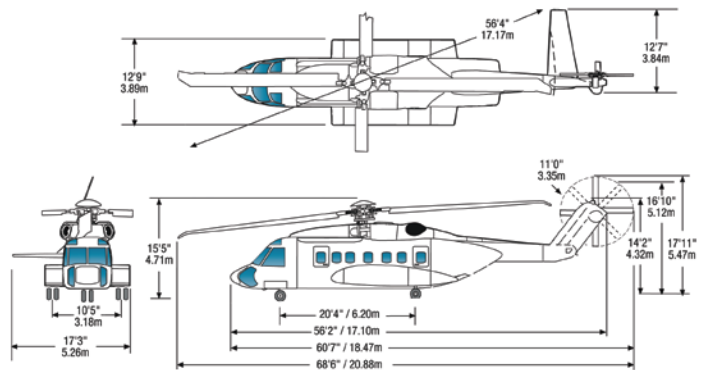
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Design Features

This multi-mission helicopter has five multi-function displays (MFDs) allowing for easier reading in sunlight or cross-cockpit. The new cockpit design provides for better visual reference resulting in exceptional handling, maneuverability, hover and landing for Cougar's pilots. The S-92 also has a fully integrated, computer based, flight management system. The versatility and dependability is unmatched.

Our passengers enjoy a spacious cabin arrangement suitable for 19 passengers with ample shoulder and leg room and a 32" seat pitch. A smooth, quiet ride is enjoyed by all because of the built in vibration control systems. Also, large pop out windows at every row in the cabin allow passengers quick and easy exit even wearing the survival suits.



Aircraft Seating (Excluding Pilots)	
Offshore Configuration	19
Empty Weight / Offshore Aircraft	
Pounds	17,600
Kilograms	8,000
Maximum Gross Weight	
Pounds	26,500
Kilograms	11,861
Fuel Capacity	
Gallons (US) <i>(with Auxiliary Tanks installed)</i>	1050
Litres <i>(with Auxiliary Tanks installed)</i>	3,974
Range Maximum Fuel	
Nautical Miles	750
Kilometres	1,389
Speed (Cruise)	
Knots <i>(Typical Cruise)</i>	135
Kilometres per Hour <i>(Typical Cruise)</i>	250
Main Landing Gear	
Static Contact Pressure Per Tire	122 psi
Dynamic Contact Pressure Per Tire	130 psi
Nose Landing Gear	
Static Contact Pressure Per Tire	122 psi
Dynamic Contact Pressure Per Tire	131.3 psi

Economical

Sikorsky's S-92 was built for exceptional range and payload. Designed for longevity, this fuel efficient helicopter has a damage tolerant design. It is easy to inspect and service with maintenance flexibility built into the systems. The S-92 has the lowest direct maintenance cost, by far, in its class.



Safety

Cougar Helicopters Inc. relies on the S-92 because it's the first helicopter in its class to meet the most stringent FAA and JAA regulations. The S-92 has incorporated active vibration control, composite blades and a long list of advanced safety features.

Built for all weather safety, it also has the highest crashworthiness standards. The fully redundant systems for flight and engine controls, avionics, cockpit displays, and electrical systems, ensure all who fly with us safe and reliable transportation to and from their destinations.



- 1 High-visibility cockpit
- 2 High-Intensity Radiated Field protection (HIRF)
- 3 Health and Usage Management System (HUMS)
- 4 Enhanced Ground Proximity Warning System (EGPWS)
- 5 Crashworthy seats for all occupants
- 6 Sponson design keeps fuel away from passengers
- 7 Suction fuel system prevents hazardous fuel spray
- 8 Energy absorbing landing gear
- 9 Built-in corrosion resistance
- 10 Bird-strike protection at maximum aircraft speed
- 11 Lightning strike protection
- 12 High energy turbine burst protection
- 13 Robust flaw-tolerant design
- 14 Proven de-icing system



Auxiliary Fuel Tank

Twin Tank Install	150 USG Per Tank
Dry Weight Per Tank	273 lbs
Single Tank Install	17 Passengers
Twin Tank Install	14 Passengers



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