



# Sikorsky S-92 Executive Transport Helicopter

*The ultimate helicopter for corporate and head of state missions*







## Uncompromising Executive Travel

In today's travel environment, executives and heads of state require aircraft that are comfortable, safe and productive. In service and available now, the S-92 helicopter excels on these accounts – and does even more.

The Sikorsky S-92 offers a standard 9-passenger interior within its spacious cabin, and can incorporate custom features including a galley, wet bar, closets, and even a lavatory. Active vibration suppressors and acoustic technologies make the cabin considerably quieter and the flight smooth so you can relax, read or get some work done. With a six-foot (1.83 m) high ceiling, the S-92 offers true stand-up headroom – enabling you to walk freely throughout the cabin without stooping. The wide, open space also means more comfort when seated. To complete the perfect flight environment, the S-92 offers warm air at your feet and fresh, controlled air overhead.

The S-92 not only gives you more room to move about; it also provides more space for you and your staff. You'll find ample storage provisions in the main cabin, while the aft fuselage provides 140 cubic feet (4 m<sup>3</sup>) for baggage.

Safe, roomy, quiet, and flexible, the S-92 is ideal for those who require around-the-clock productivity. With optional Rotor Ice Protection installed, the S-92 is FAA and JAA certified to fly in known icing conditions, and provides the comfort of a fixed-wing business aircraft with the freedom of a medium sized helicopter.

### THE BOTTOM LINE

*Comfortable cabin. Proven safety and reliability.  
In use by heads of state and corporate executives.  
Sikorsky S-92.*

# The only way to fly

**You are part of an elite group, an exclusive few who have reached the pinnacle of success.**

And when you are on the top of the world, you need, want, and deserve the very best. Likewise, in the exclusive world of vertical flight, one name stands above the rest. Sikorsky.

Long known for setting the standard for excellence among the world's premier executive helicopters, Sikorsky has taken the concept of upward mobility to a whole new level with the revolutionary S-92 helicopter.



Not content to upgrade an existing helicopter, Sikorsky developed, designed and engineered every detail of the S-92 from the ground up to exceed the expectations of a demanding and discerning clientele.

From heads of state to heads of corporations, Sikorsky customers require the best of everything, and the S-92 delivers just that.





Optional interior shown

Prestige. Performance. Power.





*Sikorsky design experts will work with you to develop a custom interior of your choice, such as the one shown here.*

*Optional interior shown*



*Optional interior shown*



Sikorsky's S-92 helicopter is exceptional in every way. It is a study in engineering excellence and cutting-edge technology, yet with luxurious appointments at every turn.

The S-92 combines the agility and flexibility of a helicopter with all the comfort, safety and productivity of an exquisitely finished luxury aircraft. Traveling in an S-92 eliminates any concern about congested airports or cancelled flights. The convenience of this point-to-point service is unparalleled.

Just step aboard, and you've arrived.



# Ultimate Comfort







The luxuriously appointed and customized interior of your S-92 helicopter is the epitome of comfort and style.

Open a bottle of champagne, drink from the finest crystal, and enjoy the smooth ride. Active vibration suppressors and advanced acoustic technologies make for an incredibly smooth flight within a whisper-quiet cabin.

Do you want to direct a meeting from a captain's chair at a table of gleaming wood? Or would you prefer to recline in your seat, surrounded by the sights and sounds of a new film or game? If you can imagine it — we can make it fly.

Move about comfortably as you enjoy the stand-up headroom of the six-foot ceilings. The spacious S-92 cabin can be configured to meet your specific needs and desires. From elegant lavatory facilities and walk-in closets to a lavishly appointed wet bar or galley — the sky is literally the limit. Using the finest wood and leather finishes, we build in thoughtful amenities and exquisite detail every step of the way.



You'll also appreciate the superior cabin air quality and consistently maintained cabin temperatures, as well as the newest technology for internet and satellite communications.

Add in premium sound systems, lighting, and wireless connections, and this is the ultimate luxury travel experience.

**THE BOTTOM LINE** *The S-92 sets the standard for medium lift executive transport helicopters.*

*Shown are available custom interiors*

# Proven Safety

Stay comfortable. Stay connected. And stay safe with the S-92 helicopter.

The S in S-92 could well stand for safety, because safety is the driving force behind this amazing aircraft. Safety was designed in, making the S-92 the first helicopter to meet stringent new safety requirements established by the FAA and JAA.

*The S-92 is the first helicopter to be certified to the latest FAA/JAA Part 29 standards*

In fact, the advancements in helicopter safety made by the S-92 are so significant they earned Sikorsky Aircraft two of the aerospace industry's most prestigious awards: the National Aeronautic Association's Collier Trophy for "the greatest achievement in aeronautics", which was followed by the Howard Hughes Award for "an outstanding improvement in fundamental helicopter technology."



*The unique cockpit layout provides excellent field of view for safe operations. All flight-critical systems are fully redundant, preventing single-point failures. An optional fifth multi-function display is shown here.*



**“... an outstanding improvement in fundamental helicopter technology”**

*American Helicopter Society, 2003, upon conferring the Howard Hughes Award for industry-leading, flaw-tolerant design*

**“... the greatest achievement in aeronautics”**

*National Aeronautic Association, upon award of the prestigious 2002 Collier Trophy (left)*



### **Cutting edge safety features of the S-92 include:**

- 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 Fuel 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 Flaw-tolerant design
- ⑭ Optional FAA/JAA certified Rotor Ice Protection System (RIPS)

# Safety Features

**The safety features of the S-92 helicopter are carefully considered, thoughtfully designed, and plentiful.**

Category A (Class 1) performance allows pilots to continue safe flight in the event of engine failure at any point in the journey. The S-92's fuel system is self-contained and meets the highest crashworthiness standards to preclude a post-crash fire. Energy-absorbing seats and landing gear are designed to minimize the effects of a hard landing.

The aircraft's array of safety features also includes redundant systems, flaw tolerance, and ice, lightning, HIRF, and bird-strike protection.

With a multitude of state-of-the-art safety features, this is a helicopter you can fly with peace of mind and total confidence.

**THE BOTTOM LINE** *Sikorsky's S-92 is the safest helicopter in its class.*



*The S-92 is all-weather capable. With the optional FAA and JAA certified Rotor Ice Protection System (RIPS) installed, the S-92 can launch in any weather.*

*The fuel system design meets the highest crashworthiness standards to preclude a post-crash fire. Older designs with fuel in the belly are neither safe nor allowed by the latest standards.*



*Only the S-92 incorporates a fully flaw-tolerant design for both the rotor and fuselage structures, which provides significantly improved safety margins and ensures long component lives.*

*Energy-absorbing seats and landing gear minimize injury to occupants in an emergency. All passenger and crew seats are proven with dynamic testing.*

*The S-92 is available with emergency exit lighting to facilitate egress.*

*Optional lift rafts and flotation provide additional peace of mind during over-water flights.*

# Ultimate Performance

## **Speed. Agility. Responsiveness.**

You're a high performer, and so is Sikorsky's S-92 helicopter. The S-92 features an advanced rotor system, and 5,000+ installed horsepower twin turboshaft engines for exceptional range. With a maximum continuous cruise speed of 151 kts (280 km/hr), rest assured that you'll reach your destination quickly.

And when severe weather strikes, the S-92 really shines. It is certified to fly in known icing conditions and features ice protection for the engine inlets, windshield and air data system that comes standard.

Of course, pilots will revel in the S-92's superb handling qualities and maneuverability during approach, hover and landing. Smart and simple to operate, the S-92 features the Rockwell Collins Avionics Management System, which presents audio cues along with intuitive flight symbology and systems data on four fully redundant Liquid Crystal Displays, with a fifth display available as optional equipment.

The perfect combination of workhorse and race horse, this helicopter has the power to fly through anything.

**THE BOTTOM LINE** *High performance and safety make the S-92 a powerful business tool.*









# Ultimate Service

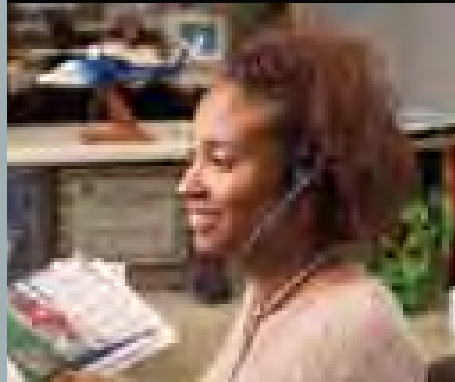
A forward-thinking support program that caters to the needs of discriminating customers makes owning an S-92 helicopter just as rewarding as flying one. Only Sikorsky Aircraft combines solid support systems, based on long-standing and proven maintenance programs, with state-of-the-art capabilities that are unique to the industry.

The S-92's integrated avionics suite uses automated diagnostic systems to minimize repair time and lower life-cycle costs. And Sikorsky offers an on-line, around-the-clock customer support portal with access to aircraft-specific data. Keeping you connected, the innovative portal ensures that the latest technical information is always available. The S-92 Total Assurance Program offers a guaranteed fixed rate per flight hour and provides operators with reduced high-end cost risk and budgeting capabilities.

The cornerstone of the S-92 support program is the unique on-condition maintenance system, which minimizes the requirements to schedule component removals and overhauls. The flaw tolerance designed into the S-92 allows original parts to remain in service much longer than with other aircraft models, lowering direct material and operating costs.

Finally, an outstanding warranty covers your aircraft for two years or 2,000 hours. And an expert team of S-92 specialists is on call around the clock to assist when and where you need it. Just pick up the phone.

**THE BOTTOM LINE** *The S-92 worldwide customer service team will work with your support personnel to increase flight readiness, improve ease-of-use, and reduce costs.*





*Among Sikorsky's outstanding customer service programs are S-92 flight training on ultra-realistic Level D flight simulators, and maintenance training using an actual full aircraft maintenance trainer.*



# S-92 Configuration and Options

## Basic aircraft configuration

The S-92 features two General Electric CT7-8A turboshaft engines with integral particle separator and pneumatic starting system. In addition, the aircraft includes a Honeywell 36-150 auxiliary power unit for on the ground or in the air emergency power.

The main rotor system is a four-bladed fully articulated system, designed to meet the FAA flaw tolerance standards. The standard avionics package features Rockwell

Collins Proline Communication and Navigation Radios, four portrait-oriented Multifunctional Display (MFD) units, and two Display Control Panels (DCP) units, which control the navigation mode selection and provide adjustment of the reference parameters. The aircraft includes a digital automatic flight control system and a coupled flight director.

The basic fuel of 760 gallons (2877 liters) is stored in two external sponsons with self-sealing breakaway valves.

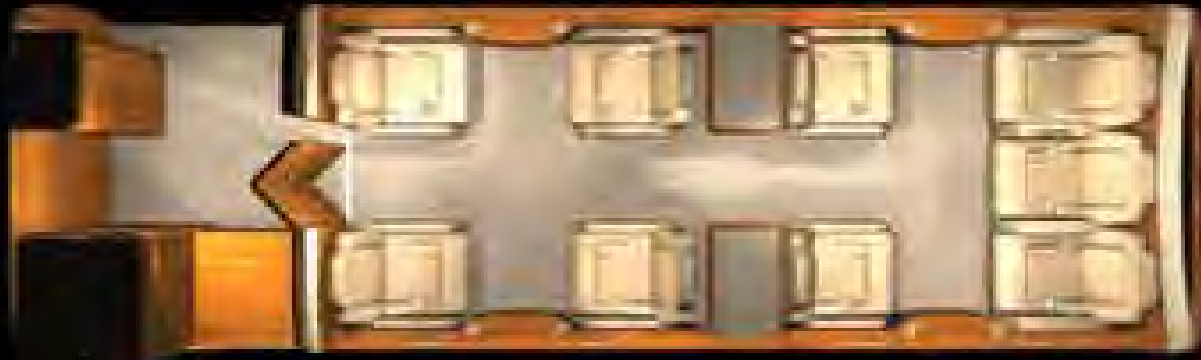
## S-92 Executive Transport configuration

	Standard	Available Option
Liquid crystal displays for cabin entertainment system	•	
Upper clamshell / lower airstair door	•	
Airstair courtesy lighting	•	
Solid hand rail for airstair	•	
Honeywell Primus 880 Weather Radar	•	
Cabin environmental control panel	•	
Lavatory	•	
Pull-out tables between captain's chairs	•	
Telephone hand sets	•	
Iridium SATCOM	•	
VIP acoustic wall panel system	•	
Air conditioning	•	
Enhanced Ground Proximity Warning System (EGPWS)	•	
Flight Management System with MMMS	•	
Traffic Collision Avoidance System (TCAS)	•	
Health and Usage Monitoring System (HUMS)	•	
DVD / CD system		▲
Internal cabin camera		▲
External camera		▲
Digital moving map		▲
Electronic flight bags		▲
Coat closet		▲
Alternate seating arrangements		▲
Rotor Ice Protection System (RIPS)		▲
Closet door access through aft panel		▲
Additional cabin speakers		▲
Wire strike protection		▲
Electromatic shading for cabin windows		▲

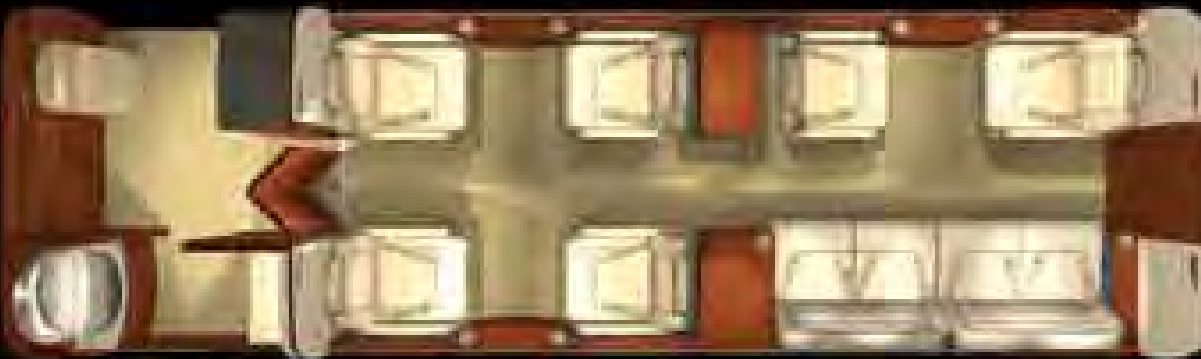
# S-92 Maximum Comfort and Flexibility

## Multiple cabin configuration options

The S-92 helicopter's exceptionally large cabin can be readily outfitted with a range of interior configurations. Three variations are shown below. Our experienced interior design experts are available to develop a custom interior that reflects your individual taste and requirements.



Standard 9-passenger configuration



Standard 10-passenger configuration



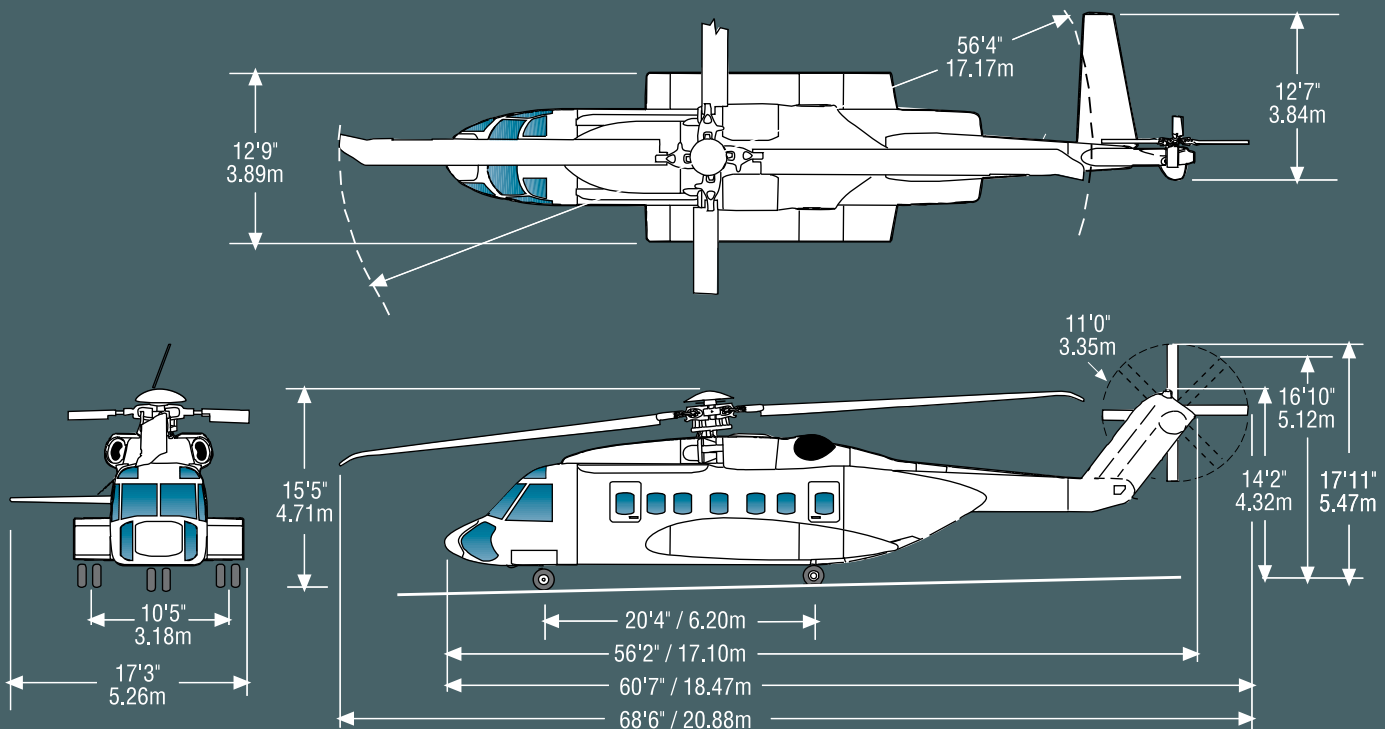
Standard Head-of-State configuration

# S-92 Specifications

## Standard 9-passenger configuration

Standard Day, Sea Level at 26,500 lb/12,020 kg gross weight

Maximum speed (VNE)	165 kts	306 km/hr
Maximum continuous cruise speed	151 kts	280 km/hr
Long range cruise speed	136 kts	252 km/hr
Mission Range at long range cruise speed		
- with 9 passengers and baggage, 30-minute VBR reserve	479 nm	887 km
- with 9 passengers and baggage, no reserve	548 nm	1,015 km
Service ceiling	14,525 ft	4,427 m
Hover ceiling out-of-ground effect	6,698 ft	2,042 m
Hover ceiling in-ground effect	10,912 ft	3,326 m
Maximum takeoff gross weight, civil configuration		
- internal load	26,500 lb	12,020 kg
- useful load	9,096 lb	4,125 kg
Weight empty	17,404 lb	7,894 kg
Operating weight empty	17,879 lb	8,110 kg
Maximum fuel load (internal, standard)	5,130 lb	2,327 kg




## You've already moved up. Isn't it time to move up to Sikorsky?

People on the move know that Sikorsky is the only way to fly. As the premier provider of head of state and executive transport helicopters, Sikorsky goes above and beyond to deliver a complete helicopter experience. Sikorsky not only sets the standard for rotorcraft excellence and safety — we exceed it with:

- Innovative solutions
- A proven family of high-performing helicopters
- Superior value
- Unparalleled service and support.

In the world of vertical flight, one name stands above the rest. Sikorsky.

For a confidential consultation, demonstration, or for more information about the extraordinary S-92, contact our executive sales specialist.



There are those who fly.  
And those who fly Sikorsky.



**Sikorsky**

A United Technologies Company

6900 Main Street, Stratford, Connecticut 06615 USA  
+1 (800) WINGED-S (946-4337) or +1 (203) 386-4282  
[www.sikorsky.com](http://www.sikorsky.com)