



S-92[®]

MULTI-MISSION HELICOPTER

SIKORSKY
A LOCKHEED MARTIN COMPANY

S-92® MULTI-MISSION HELICOPTER

Safe and Reliable

Since its introduction, the S-92® multi-mission helicopter has become the most sought after aircraft in its weight class. With over 300 aircraft delivered, the S-92® helicopter operates in 28 countries and has accumulated over 2.2 million fleet flight hours. Operating in the harshest environments, the S-92® helicopter's all-weather capability, excellent handling qualities, and unmatched performance sets the standard for safety, availability and versatility. Combined with a spacious cabin, a smooth quiet ride, and built-in maintainability, the S-92® helicopter is the aircraft of choice for demanding Offshore Crew Transport, Search and Rescue (SAR) and Utility missions, offering the ultimate in safety, performance and service.



LAUNCH INTO ANY ENVIRONMENT

Operate Safely Wherever Your Mission Takes You



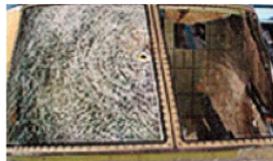
Certified Launch into Known Icing Conditions



Sea State 6 Aircraft Flotation System



Lightning Strike Protection



Bird Strike Protection System



Inertial Particle Separator (IPS) and Optional Engine Inlet Barrier Filter (EIBF)



Night Vision Goggle Compatible



Rotor Start 55 kt Wind
Tail Rotor Start 35 kt Crosswind



SAFETY LIKE NO OTHER

Award-winning Design with Best-in-Class Safety Record

Certification/Validation

All over the world:

- Agência Nacional de Aviação Civil (ANAC)
- European Union Aviation Safety Agency (EASA)
- Federal Aviation Administrations (FAA)
- Transport Canada (TC)

National Aeronautical Association

Collier Trophy

“For introducing into service the S-92® Helicopter, which raised across-the-board standards for rotary wing air travel.”

American Helicopter Society

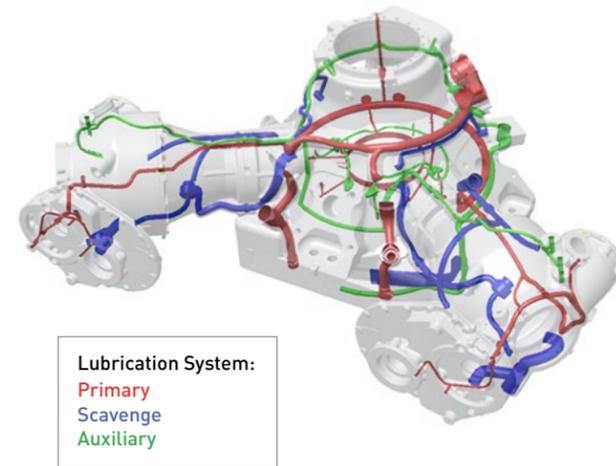
2016 Harry T. Jensen Award

“Given for an outstanding contribution to the improvement of reliability, maintainability, safety or logistics support through improved design or technical achievement.”

INTRODUCING THE S-92A+™ HELICOPTER

Bringing New Technology To The S-92® Fleet

The S-92A+™ helicopter is the latest model of the venerable S-92® platform, building upon a legacy track record of performance and proven technology with new features for improved safety, reliability and capability.

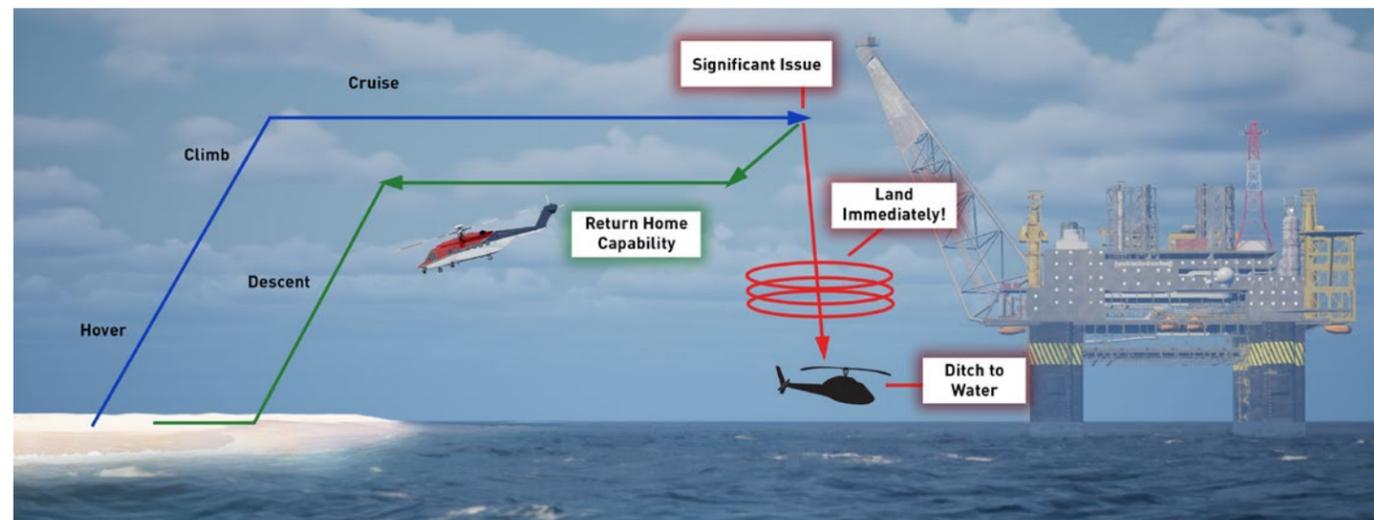


Fly Further, with More Power

The new GE CT7-8A6 Engine is capable of producing more power in higher altitudes and hotter temperatures. **Gross Weight Expansion (GWE) with LifePlus™** gives you 1,200 lbs of extra payload.

Fly Home™ Safely

The new Phase IV Main Gearbox (MGB) includes a new integrated auxiliary lubrication system, eliminating “land immediately” scenarios in the event of a loss of primary lubrication. The Phase IV MGB gives you time to Fly Home™.



The S-92® helicopter gets you home safely, everywhere, every time.

ENVIRONMENTAL SUSTAINABILITY



Higher payload capacity, fewer trips needed



Fewer flights, less fuel used and lower emissions



LifePlus™ increases time between overhauls with less maintenance and fewer parts removed over aircraft lifetime

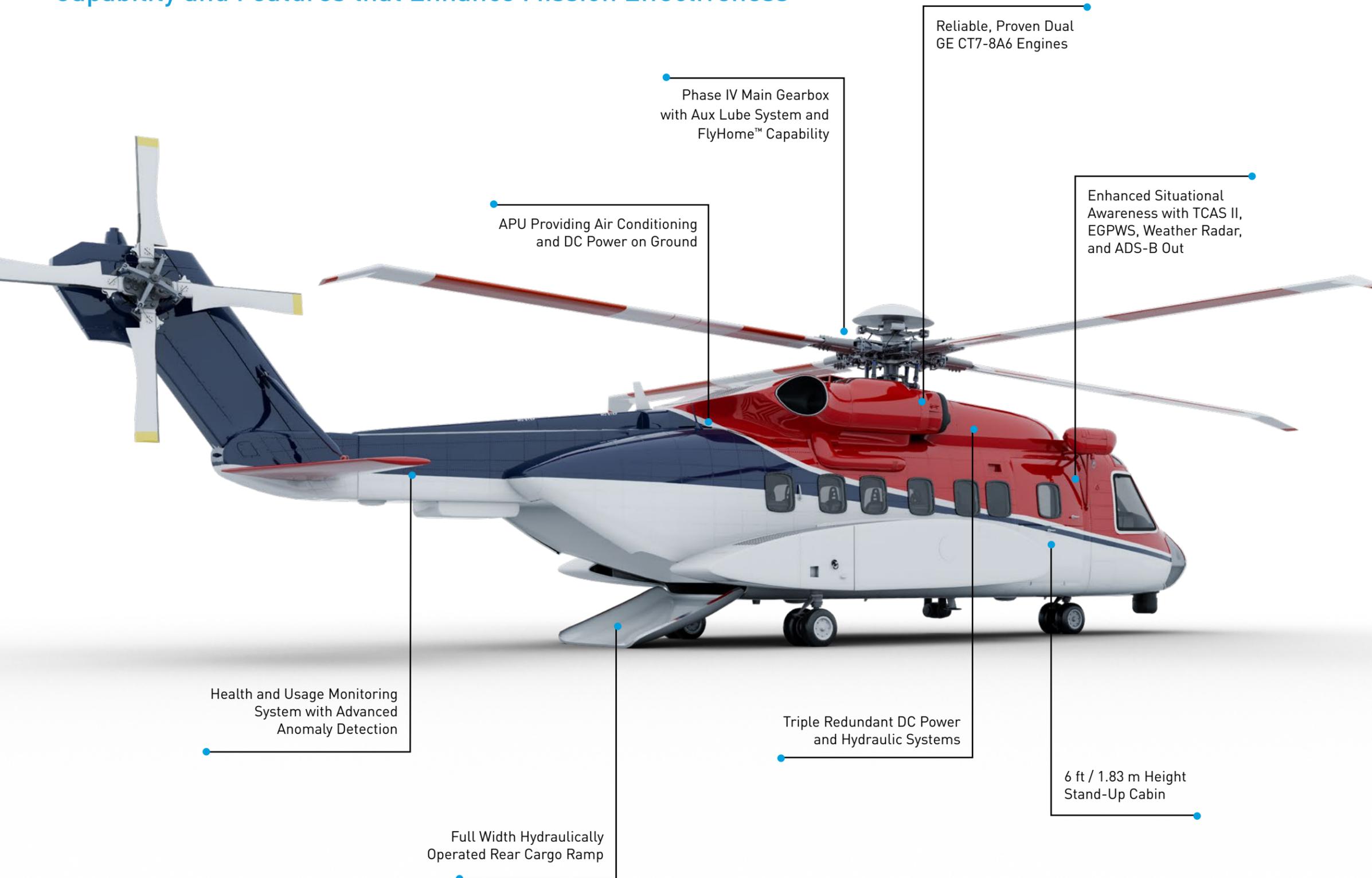


Did you know?

The S-92® helicopter has been approved to use Sustainable Aviation Fuel (SAF), often referred to as biofuel, as an alternative to petroleum-based fuels. SAFs are capable of reducing lifecycle carbon emissions by up to 80% when compared to petroleum-based jet fuels.

UNMATCHED ADVANTAGES

Capability and Features that Enhance Mission Effectiveness



KEY ADVANTAGES



MAIN GEAR BOX
Fly Home™ Capability



CABIN HEIGHT
6.0 ft - 1.83 m



PASSENGERS
19



CABIN VOLUME
830 ft³ - 23.8 m³



MAX GROSS WEIGHT
27,700 lb / 12,564 kg



SERVICE CEILING
15,000 ft



CRUISE SPEED
151 kts



RANGE
547 nm / 1013 km

S-92A+™ HELICOPTER

S-92® OFFSHORE CREW TRANSPORT

Proven Safety and Reliability



When your mission is tough you need a helicopter that is tough, safe and reliable. Designed for the very demanding requirements of offshore oil crew transportation, the S-92® helicopter combines proven performance, safety, availability, and comfort. The 19-passenger, all-weather aircraft offers a quiet, smooth ride with stand-up cabin height, best-in-class emergency egress, and the largest baggage compartment in its class.

OFFSHORE CREW TRANSPORT

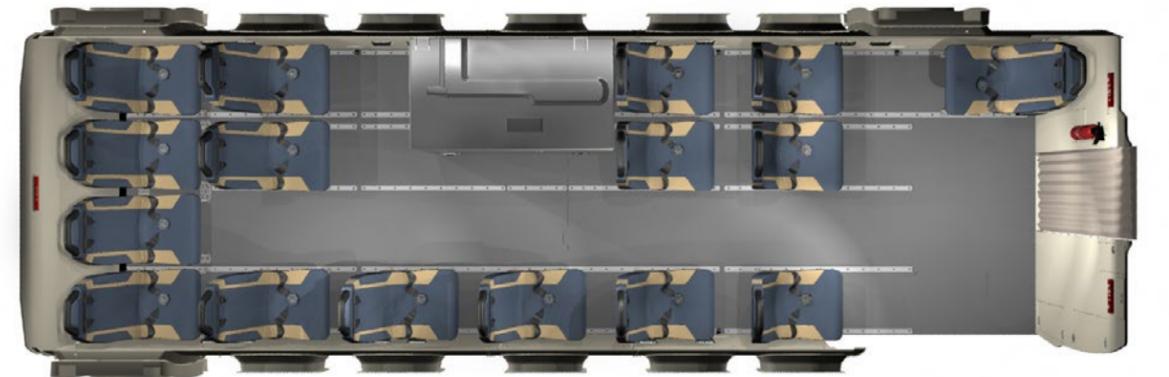
Fixed Wing Airline-like Seating and Baggage Space



Nineteen (19) Passengers



Sixteen (16) Passengers with Single Internal Auxiliary Fuel Tank



Nineteen (19) Passengers

Thirteen (13) Passengers with Dual Internal Auxiliary Fuel Tanks



S-92[®] SEARCH & RESCUE

Ultimate Range and Endurance



Designed for all weather operations, day and night, the S-92[®] helicopter offers full capability for the most demanding Search and Rescue (SAR) missions. It offers exceptional radius of action, exceeding 200nm with standard fuel. The large cabin supports carriage of a wide variety of specialized rescue equipment to deal with any emergency situation, while the state-of-the art navigation and target location sensors reduce search timeline, delivering outstanding search and rescue mission effectiveness. The S-92[®] helicopter is available to answer the call no matter the conditions.

SEARCH & RESCUE

Equipped for All Situations



Long Range Heavy SAR



9 Seat with RH Emergency Medical Care & Attendant

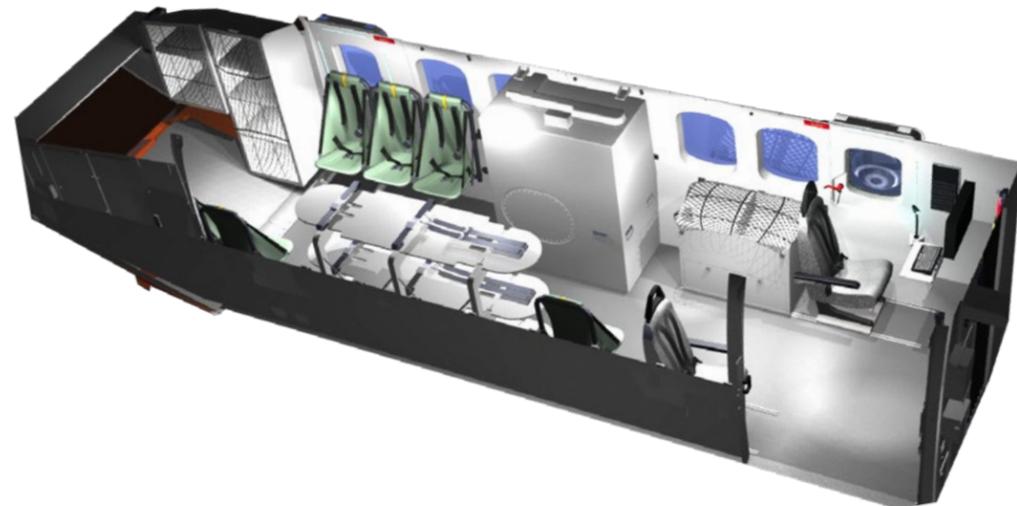


9 Seat with LH Emergency Medical Care & Attendant



Long Range Heavy SAR

15 Seat Cabin



S-92[®] UTILITY

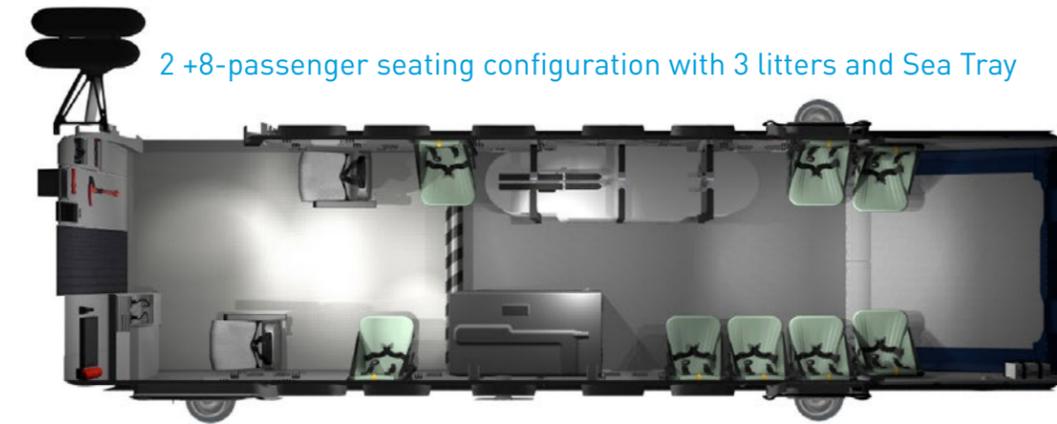
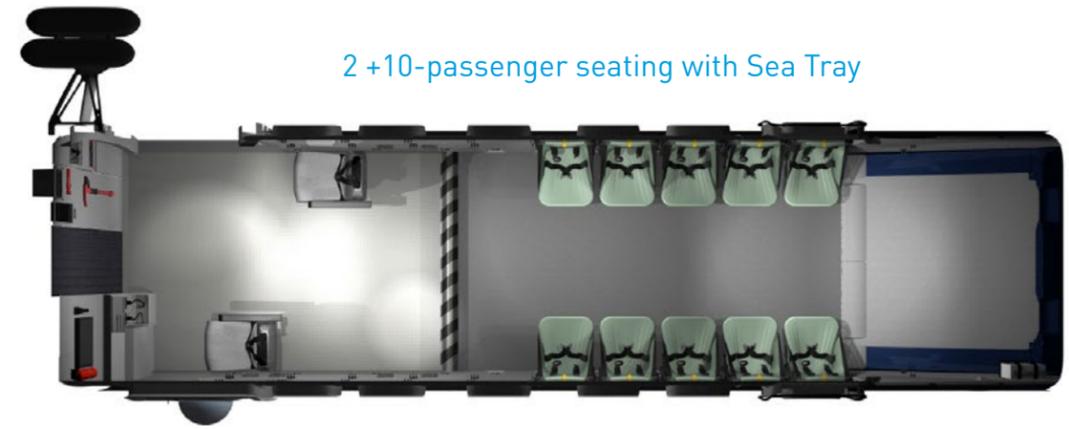
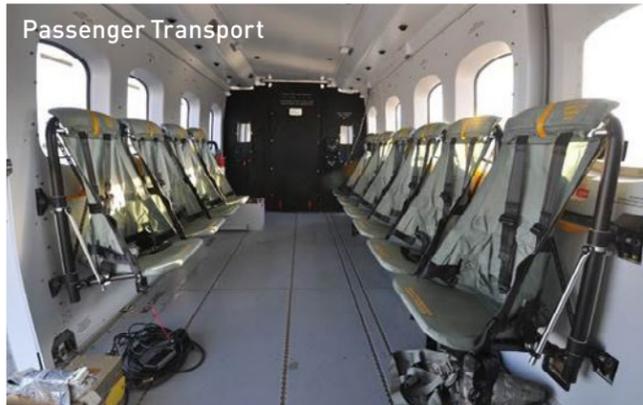
Flexible And Adaptable



The S-92[®] helicopter is a versatile aircraft capable of performing a broad variety of utility missions. A large stand-up cabin with crashworthy, energy absorbing seating, full-width hydraulically-operated rear ramp, high-load capacity floors with cargo handling system provide 840 ft³ (19.82 m³) of internal transportation, and a cargo hook that supports external loads to 8000 lbs (3629 kg) provide ultimate flexibility to meet your mission requirements.

UTILITY

Rapid Role Change



4 VIP and 10 Seat Transport



Cargo Transport with Cargo Handling System



COCKPIT DESIGNED BY PILOTS FOR PILOTS



Cognitive Workload Reduction Features

- Four-axis Automated Flight Control System (AFCS)
- EGPWS with Offshore HTAWS
- TCAS II
- Integrated Honeywell RDR-7000 Weather Radar
- iFLY Sikorsky™ Tablet-Based Flight Planning Tool
- Mode S Transponder with ADS-B Out
- RNP 0.3
- Rig Approach™ Option
- SAR AFCS Option
- Dual GPS / FMS Option
- Real Time HUMS Option

CUSTOMIZE YOUR HELICOPTER

Available Options by Mission

	OFF SHORE	UTILITY	SAR
Airline/Offshore interior	x		
Utility/SAR Interior		x	x
Full Height Sliding Cabin Door with Bubble Window	x	x	x
Half Height Upper Sliding Door	x		
Up to 19 Airline Seats	x	x	x
Up to 19 Side Facing Utility Seats		x	x
Forward Cabin Bubble Windows	x	x	x
Night Vision Compatible Cockpit	x	x	x
Air Conditioning	x	x	x
Sea State 5 or 6 Flotation	x	x	x
Push Out Cabin Windows	x		
Sponson Deployable Life Rafts	x	x	x
Cargo Hook with or without Load Sensor	x	x	x
Up to 2 Internal Aux Fuel Tanks	x	x	x
Rotor Ice Protection System	x	x	x
Engine Inlet Barrier Filters	x	x	x
Wire Strike Protection System	x	x	x
Cabin Mission Console	x	x	x
Mission Radios	x	x	x
Digital Moving Map	x	x	x
High Powered Slewing Searchlight	x	x	x
E0/IR Camera System*	x	x	x
MPFR with Airborne Image Recording System (AIRS)	x	x	x
Flight Following System	x	x	x
Tail, Hoist, Ramp and Cargo Hook Camera	x	x	x
Axnes PNG Wireless ICS with Handheld Transceivers	x	x	x



Available Options by Mission

	OFF SHORE	UTILITY	SAR
Automatically Deployable ELT	x	x	x
SAR AFCS	x	x	x
Single or Dual Rescue Hoist	x	x	x
Digital Audio System	x	x	x
Cabin Mission Display	x	x	x
Digital Video Recorder	x	x	x
Hoist Operator Searchlight	x	x	x
Aeromedical Triple Stack (3 Litters)	x	x	x
Single Patient Litter System	x	x	x
Airborne AIS Transponder	x	x	x
Maritime VHF FM transceiver	x	x	x
Tactical Direction Finder	x	x	x
VHF/UHF/AM/FM Transceivers	x	x	x
Rig Approach [†]	x		
Manual Blade Fold	x	x	x
Armored Crew Seats*		x	x
Weapons Mounts		x	x
Hoist and Ramp Fast Roping System		x	x

*Export license required



S-92® SPECIFICATIONS

Passenger Transport

Maximum Seats	2 pilots + 19 passengers	
Cabin Height	6'0"	1.83m
Cabin Volume	700 ft ³	19.82 m ³
Baggage Volume	140 ft ³	4.0 m ³
Baggage Area Weight Limit	1000 lb	454 kg

Weight

Maximum Takeoff Weight (internal load)*	27700 lb	12564 kg
Base Aircraft Empty Weight	15662 lb	7104 kg
Useful Load (base config. internal load)	12038 lb	5460 kg
Maximum Takeoff Weight (external load)	28300 lb	12836 kg
Maximum Cargo Hook Load	8000 lb	3628 kg

Fuel

Standard Fuel Types	Jet A, Jet A-1, Jet B, No. 3 Jet Fuel	
Sustainable Aviation Fuel		<50%
Internal Fuel Sponsons	760 gal	2877 L
Removable, Internal Auxiliary Fuel Tanks	2 x 210 gal	2 x 795L

Powerplant: (2) general electric ct7-8A6

Uninstalled, sea level, ISA, 105% Nr unless noted

Dual Engine Takeoff Power, 5 minutes	2695 shp	2010 kW
Dual Engine 30-minute Power	2637 shp	1966 kW
Dual Engine Maximum Continuous Power (MCP)	2329 shp	1737 kW
OEI 30-second Power (100% Nr)	2845 shp	2122 kW
OEI 2-minute Power (100% Nr)	2684 shp	2001 kW
OEI Continuous Power (100% Nr)	2637 shp	1966 kW

Performance*

Speed

VNE	165 kts	
Maximum Cruise Speed	151 kts	
Long Range Cruise Speed (VLRC)	136 kts	

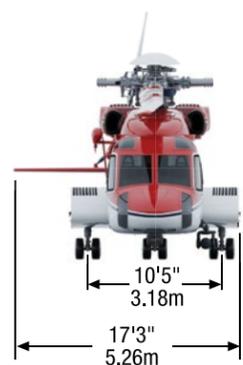
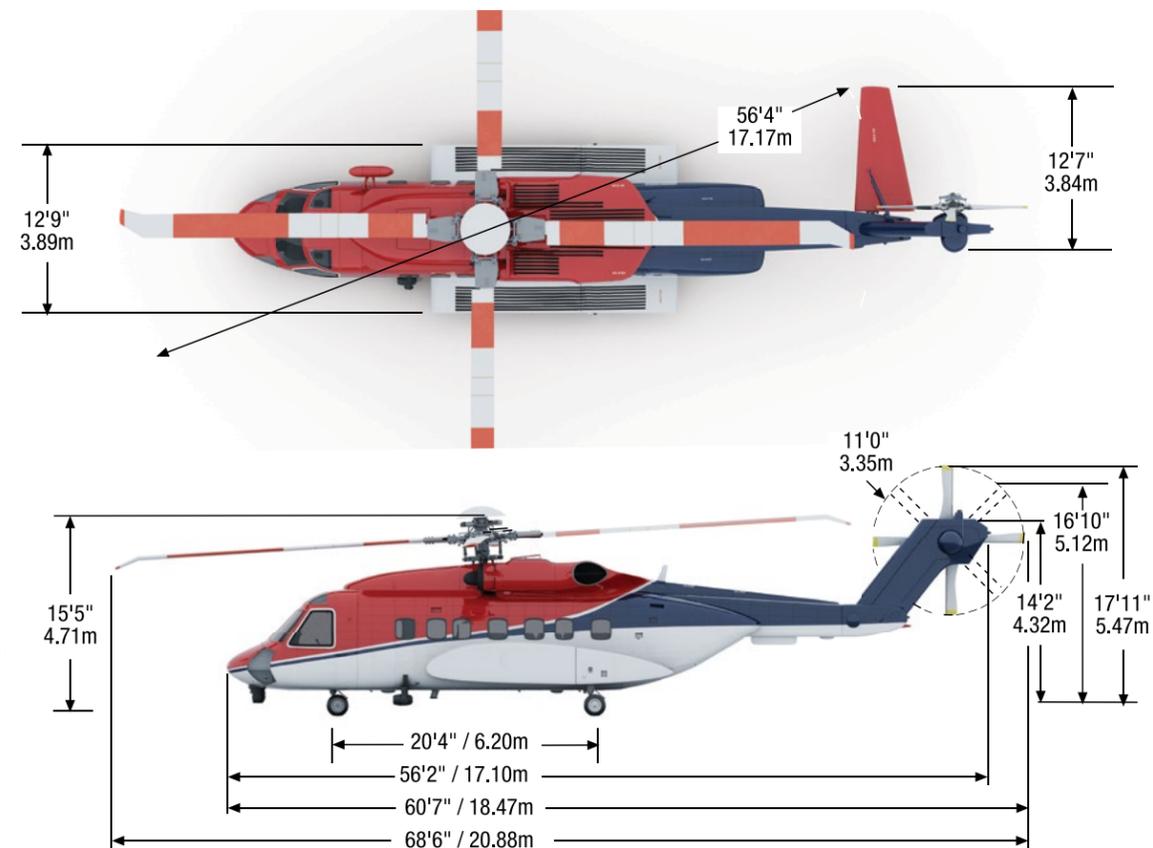
Range

Main Fuel, No Reserve	547 nm	1013 km
Average Fuel Flow	1270 lb/h	576 kg/h
Endurance, No Reserve	5.21 hr	

*Sea Level, ISA, MTOW

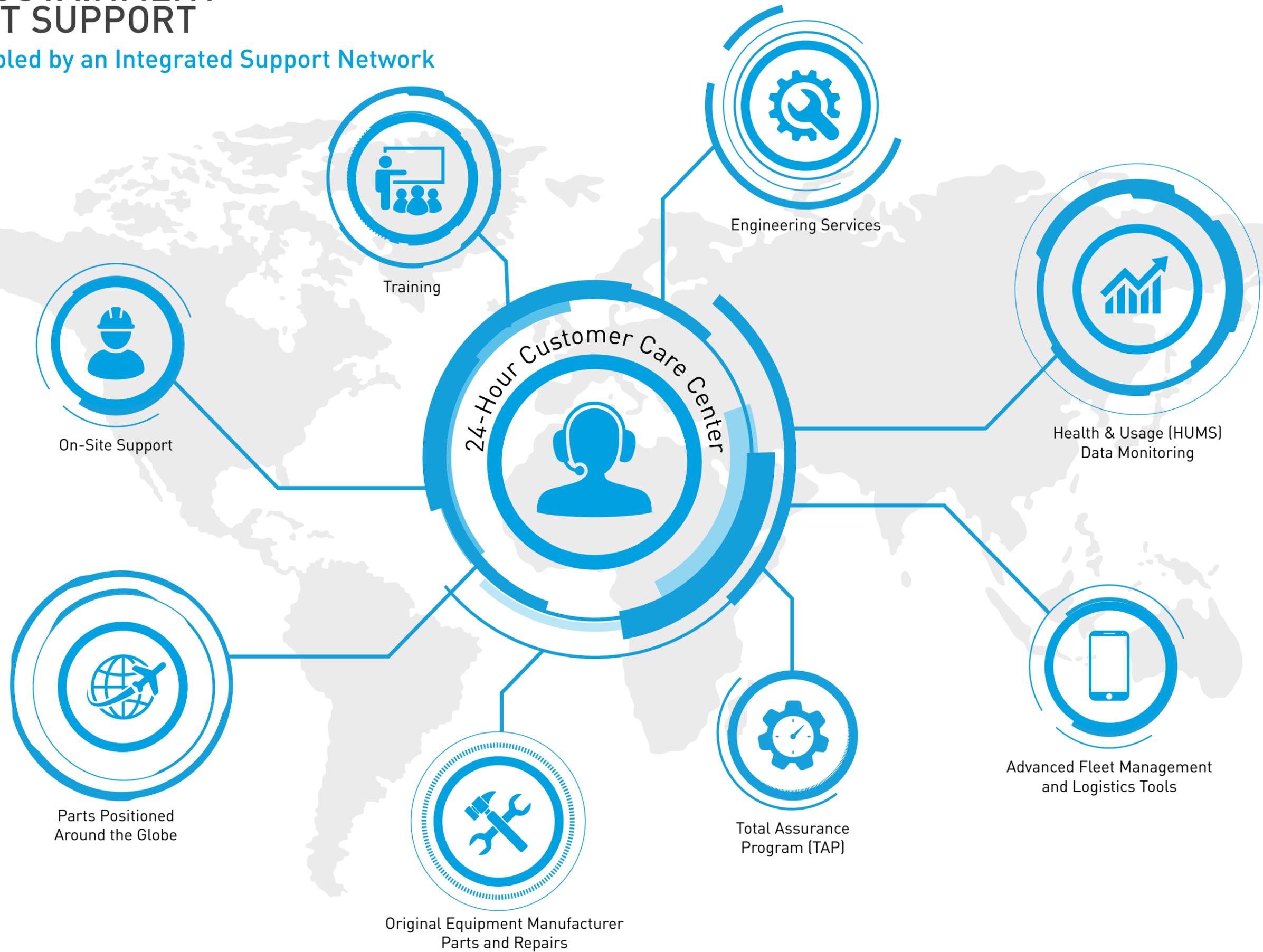
Operating Limits

Temperature Range	-40 °C to ISA+35	
Max Wind Speed for Rotor Start	55 kts	
Icing	RIPS Certified	
Flotation	Sea State 6 Floats Certified	



GLOBAL SUSTAINMENT & PRODUCT SUPPORT

Availability Enabled by an Integrated Support Network



OVER 100 YEARS OF INNOVATION

Proud of Our Legacy...Excited About Our Future



“I always believed that the helicopter would be an outstanding vehicle for the greatest variety of lifesaving missions.”

Igor I. Sikorsky
Legendary Aviation Pioneer
Founder of Sikorsky

S-92® MULTI-MISSION HELICOPTER
Search & Rescue





Any Mission. Any Time. Any Where.



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