S-92®
MULTI-MISSION HELICOPTER
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™.

ENVIRONMENTAL SUSTAINABILITY

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.

The S-92® helicopter gets you home safely, everywhere, every time.
UNMATCHED ADVANTAGES
Capability and Features that Enhance Mission Effectiveness

S-92A+™ HELICOPTER

- Reliable, Proven Dual GE CT7-8A6 Engines
- APU Providing Air Conditioning and DC Power on Ground
- Enhanced Situational Awareness with TCAS II, EGPWS, Weather Radar, and ADS-B Out
- Health and Usage Monitoring System with Advanced Anomaly Detection
- Full Width Hydraulically Operated Rear Cargo Ramp
- Phase IV Main Gearbox with Aux Lube System and FlyHome™ Capability
- Triple Redundant DC Power and Hydraulic Systems
- 6 ft / 1.83 m Height Stand-Up Cabin

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

- CABIN VOLUME
  - 830 ft³ - 23.8 m³
- SERVICE CEILING
  - 15,000 ft
- CRUISE SPEED
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- RANGE
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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

Nineteen (19) Passengers

Sixteen (16) Passengers with Single Internal Auxiliary Fuel Tank

Thirteen (13) Passengers with Dual Internal Auxiliary Fuel Tanks
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

- Folding Litter System
- Advanced SAR Specialist Console
- Emergency Medical Care System
- Equipment Storage, Auxiliary Fuel
- Long Range Heavy SAR

- 9 Seat with RH Emergency Medical Care & Attendant
- 9 Seat with LH Emergency Medical Care & Attendant
- 15 Seat Cabin
- Long Range Heavy SAR
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

VIP Transport

Passenger Transport

Medical

Cargo Handling System

Cargo

2 +10-passenger seating with Sea Tray

2 +8-passenger seating configuration with 3 litters and Sea Tray

4 VIP and 10 Seat Transport

Cargo Transport with Cargo Handling System
COC KPIT 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
## Available Options by Mission

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

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<th>SAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatically Deployable ELT</td>
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</tr>
<tr>
<td>SAR AFCS</td>
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<tr>
<td>Single or Dual Rescue Hoist</td>
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<tr>
<td>Digital Audio System</td>
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<tr>
<td>Cabin Mission Display</td>
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<td>X</td>
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<tr>
<td>Digital Video Recorder</td>
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<tr>
<td>Hoist Operator Searchlight</td>
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<tr>
<td>Aeromedical Triple Stack (3 Litters)</td>
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<tr>
<td>Single Patient Litter System</td>
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<tr>
<td>Airborne AIS Transponder</td>
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<tr>
<td>Maritime VHF FM Transceiver</td>
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<tr>
<td>Tactical Direction Finder</td>
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<tr>
<td>VHF/UHF/AM/FM Transceivers</td>
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<tr>
<td>Rig Approach</td>
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<tr>
<td>Manual Blade Fold</td>
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<tr>
<td>Armored Crew Seats*</td>
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<tr>
<td>Weapons Mounts</td>
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<tr>
<td>Hoist and Ramp Fast Roping System</td>
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</tr>
</tbody>
</table>

*Export license required*
S-92® SPECIFICATIONS

Passenger Transport
- Maximum Seats: 2 pilots + 19 passengers
- Cabin Height: 6’0” / 1.83m
- Cabin Volume: 700 ft³ / 19.82 m³
- Baggage Volume: 140 ft³ / 4.0 m³
- 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
- Sustainable Aviation Fuel: <50%
- Internal Fuel Sponsons: 760 gal / 2877 L
- Removable, Internal Auxiliary Fuel Tanks: 2 x 210 gal / 2 x 795 L

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 ºC 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

- 24-Hour Customer Care Center
- Training
- Engineering Services
- Health & Usage (HUMS) Data Monitoring
- Advanced Fleet Management and Logistics Tools
- On-Site Support
- Parts Positioned Around the Globe
- Original Equipment Manufacturer Parts and Repairs
- Total Assurance Program (TAP)
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

Offshore Oil

Executive/VIP

Multi-Mission Utility