

Lockheed Martin
Your Mission Is Ours.™



SIKORSKY
S-92® | MULTI-MISSION
HELICOPTER

Any Mission. Any Time. Any Where.

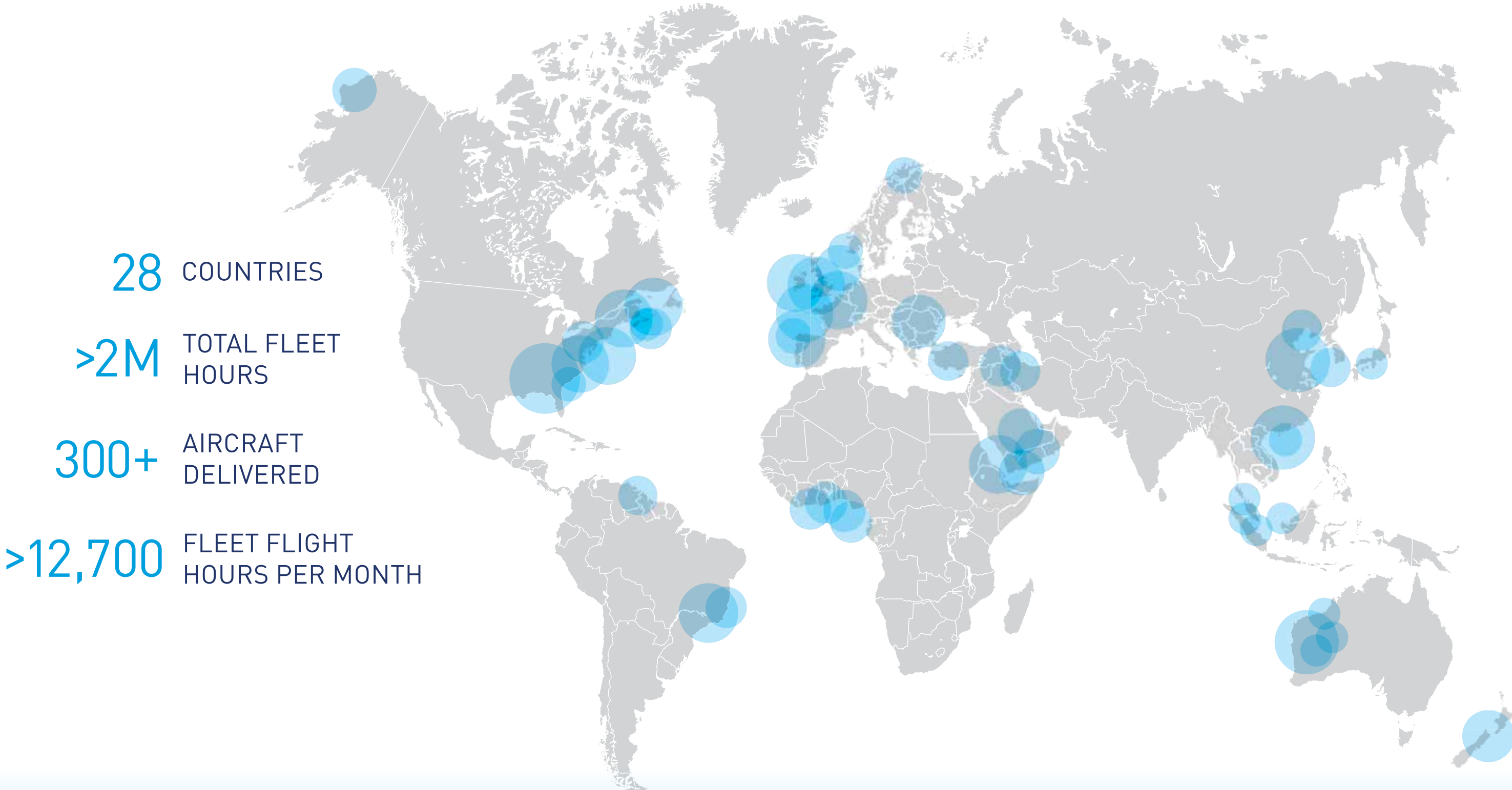
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S-92[®] MULTI-MISSION HELICOPTER
Safe and Reliable



TRUSTED & PROVEN GLOBAL STANDARD



28 COUNTRIES

>2M TOTAL FLEET HOURS

300+ AIRCRAFT DELIVERED

>12,700 FLEET FLIGHT HOURS PER MONTH

HUMS data derived flight hour map

SAFETY LIKE NO OTHER

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



- Federal Aviation Administration
Civil Far Part29 Standards

"Certified to the latest Civil Part29 Standards, through Amendment 47, no exceptions".

- 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."

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



Main Engine Barrier Filters



Night Vision Goggle Compatible

UNMATCHED ADVANTAGES

Capability and Features that Enhance Mission Effectiveness

S-92[®]



KEY ADVANTAGES

95% AVAILABILITY



CABIN HEIGHT
6.0 ft - 1.83 m



PASSENGERS
22



CABIN VOLUME
830 ft³ - 23.78 m³



USEFUL LOAD
12,125 lbs - 5,500 kg



HOVER ALTITUDE
9,200 ft - 2,804 m



CRUISE SPEED
151 kts - 280 km/hr



RANGE
547 nm - 1013 km

S-92[®] OFFSHORE CREW TRANSPORT
Proven Safety and Reliability



OFFSHORE CREW TRANSPORT

Fixed Wing Airline-like Seating and Baggage Space



OFFSHORE CREW

Cabin Configurations

19 Seat Cabin



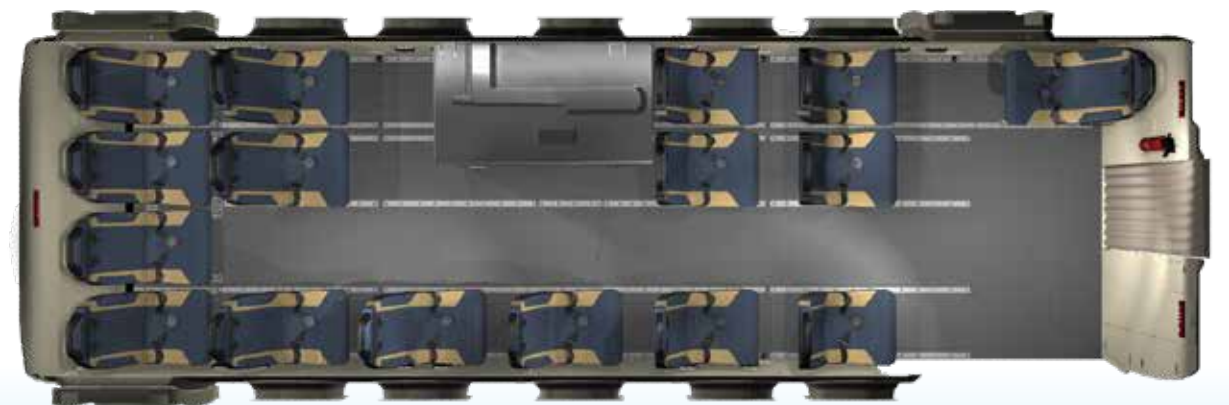
19 Seat Cabin



17 Seat Cabin (with Lavatory)



16 Seat Cabin Single Internal Aux Fuel



S-92[®] SEARCH & RESCUE
Ultimate Range and Endurance



SEARCH & RESCUE

Equipped for All Situations



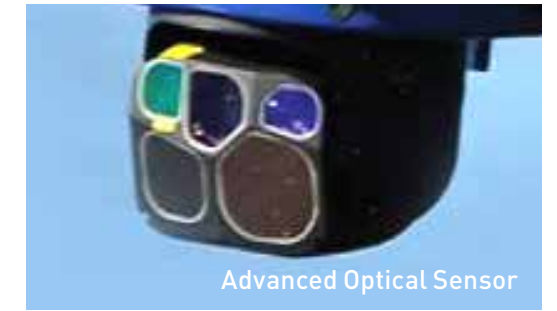
Folding Litter System



Advanced SAR Specialist Console



Representative Thermal Image



Advanced Optical Sensor



Emergency Medical Care System



Equipment Storage, Auxiliary Fuel



Multi-Color Searchlight



Single or Dual Hoists

SEARCH & RESCUE

Cabin Configurations

Long Range Heavy SAR



Long Range Heavy SAR



9 Seat with RH Emergency Medical Care & Attendant



9 Seat with LH Emergency Medical Care & Attendant



15 Seat Cabin



S-92[®] MILITARY & HUMANITARIAN
Ultimate Flexibility



UTILITY & HUMANITARIAN

Rapid Role Change Interior

Cargo Handling System



Passenger Transport



Medical



VIP Transport



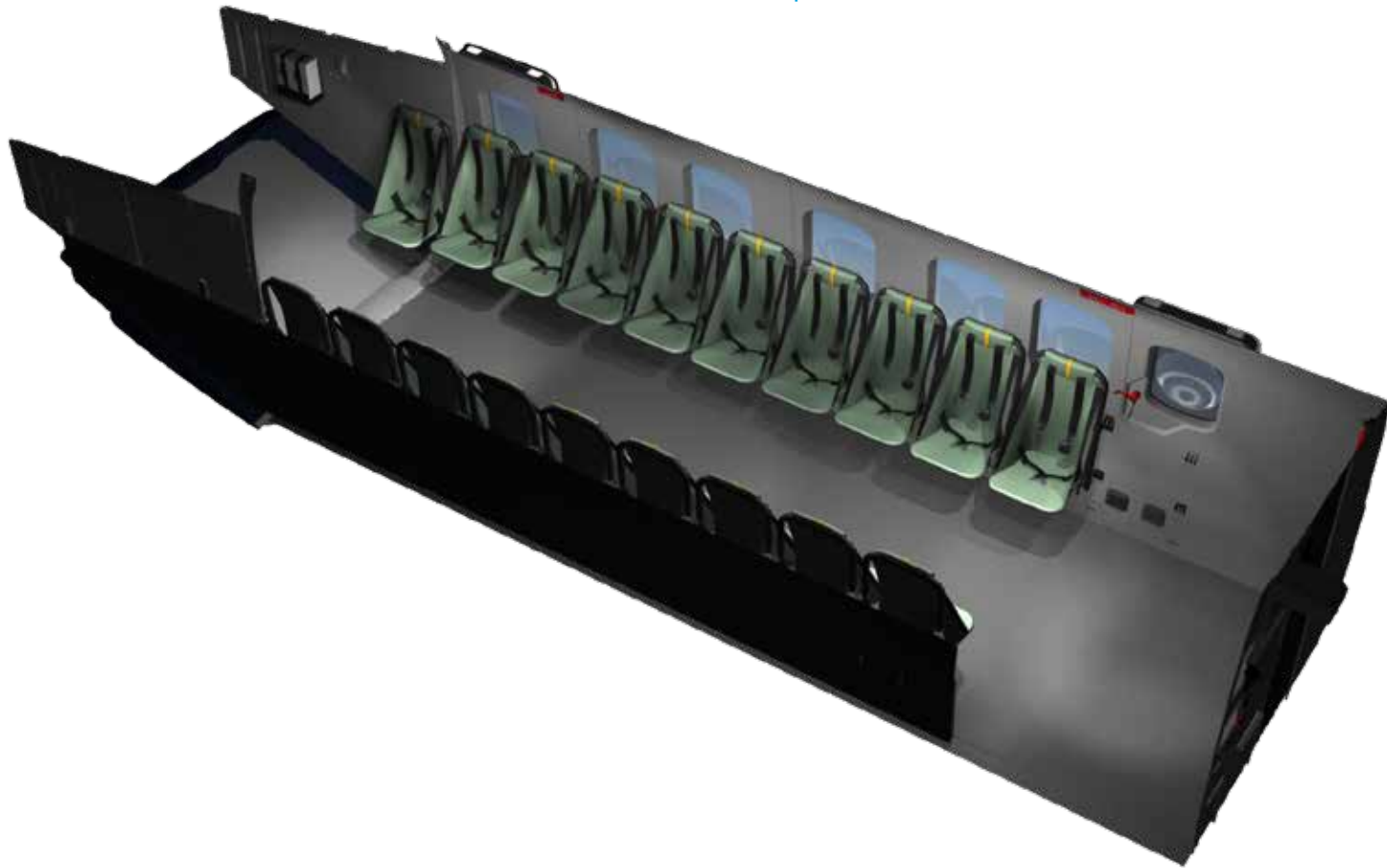
Cargo



UTILITY & HUMANITARIAN

Cabin Configurations

22 Seat Transport



22 Seat Transport



6 Patient Medical Evacuation



4 VIP and 10 Seat Transport



Cargo Transport with Cargo Handling System



MODERN PILOT WORKSTATION

Designed by Pilots for Pilots



Cognitive Workload Reduction Features:

- Four-Axis AFCS with Rig Approach™
- Enhanced Ground Proximity Display and Warnings
- TCAS II Air Traffic Display and Warnings
- Weather and Ground Map RADAR
- Advanced Search, Approach and Hover Modes
- iFLY Sikorsky™ 2.0 Based Flight Planning and Performance Estimating

IT'S ALL IN THE DETAILS

Customize Your Aircraft

AIRCRAFT FEATURES/OPTIONS

	OSO	UTILITY	SAR
Airline/Offshore interior with enhanced acoustic attenuation	X		
Utility/SAR Interior		X	X
Right side aft sliding door		X	X
Left side aft sliding hatch		X	X
19 seat forward facing cabin seating	X	X	X
22 seat side facing folding cabin seating		X	X
VIP airline seating	X	X	X
Cabin lavatory	X		
High capacity air conditioning	X	X	X
Sea state six emergency flotation system	X	X	X
Push out cabin windows	X		
Dual external life rafts	X	X	X
Cargo hook with load sensor	X	X	X
Internal auxillary fuel (A and B kits)	X	X	X
Rotor Ice Protection system	X	X	X
Main engine inlet barrier filters	X	X	X
Wire strike protection	X	X	X
Night vision compatible pilot workstation/cabin/exterior lighting	X	X	X
Color weather RADAR	X	X	X
Digital MAP system	X	X	X
Lightning strike detector	X	X	X
Satellite flight following reporting systems	X	X	X
Satellite based real time caution/warning advisories with HUMS data	X	X	X
Satellite phone system	X	X	X
Satellite based high speed data with cabin WiFi interface	X	X	X
Gross weight expansion (+1200lb MTGW capacity)	X	X	X



MISSION FEATURES/OPTIONS

	OSO	UTILITY	SAR
Automatic deployable ELT	X	X	X
FWD and AFT cabin bubble windows		X	X
Single rescue hoist	X	X	X
Dual rescue hoist		X	X
Cabin SAR operators console		X	X
Forward Looking Infra Red (FLIR) systems*		X	X
High power multi-color tracking search light		X	X
Folding aeromedical evacuation kit (3 litters)		X	X
Aeromedical system single patient transport kit		X	X
Shipborne automatic identification system (AIS)	X	X	X
Maritime VHF FM transceiver	X	X	X
V/UHF direction finding system	X	X	X
VHF/UHF/AM/FM international transceivers	X	X	X
Rig Approach™ autopilot mode	X		
SAR mission autopilot search/approach/hold modes		X	X
Cabin floor and ramp cargo rollers and winch		X	
Fast rope systems		X	X
Armored crew seats*		X	X
Cabin floor and wall armor*		X	X
LH & RH gun pintle mounts*		X	X
LASER illuminator/range finder*		X	X
Tactical IFF transponder*		X	X

*Export license required

S-92[®] SPECIFICATIONS

PERFORMANCE

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

Maximum speed (Vne)	165 kts	306 kph
Maximum continuous cruise speed	151 kts	280 kph
Long range cruise speed*	136 kts	252 kph
Range, no reserve*	546 nm	1,011 km
Range, 30-minute reserve*	478 nm	855 km
Hover out of ground effect	6,700 ft	2,052 m
Hover in ground effect	9,200 ft	2,804 m
Dual engine service ceiling (MCP)	15,000 ft	4,572 m
OEI service ceiling	5,500 ft	1,676 m

*at 4,000 feet. Long Range Cruise speed is speed of 99% best specific range

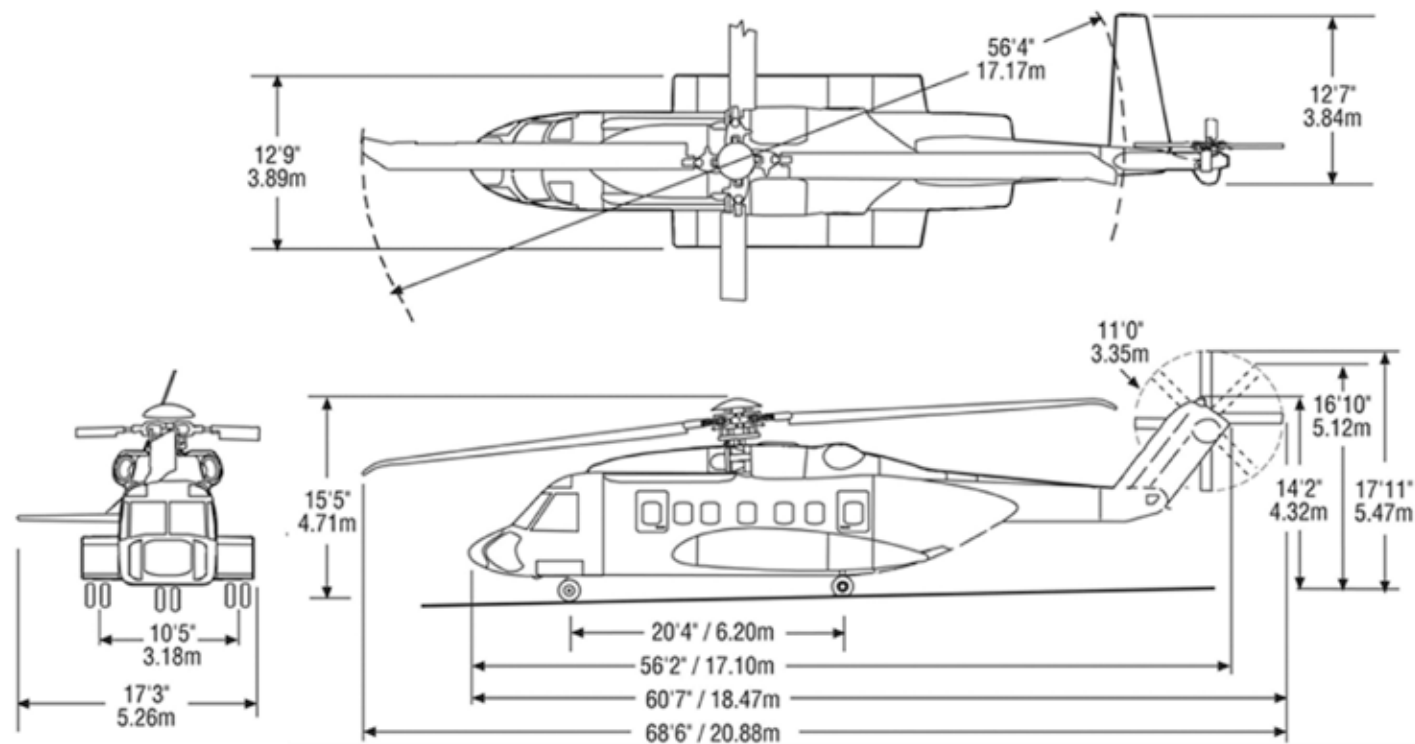
WEIGHT

Maximum gross weight, internal loads	26,500 lb*	12,018 kg
Maximum gross weight, external loads	28,300 lb	12,837 kg

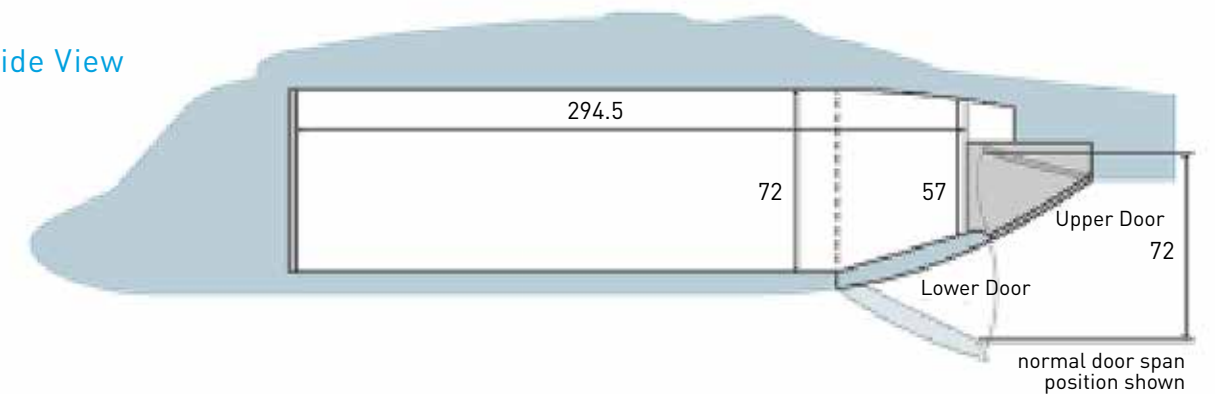
*Optional MGW 27,700 lb available

POWERPLANTS

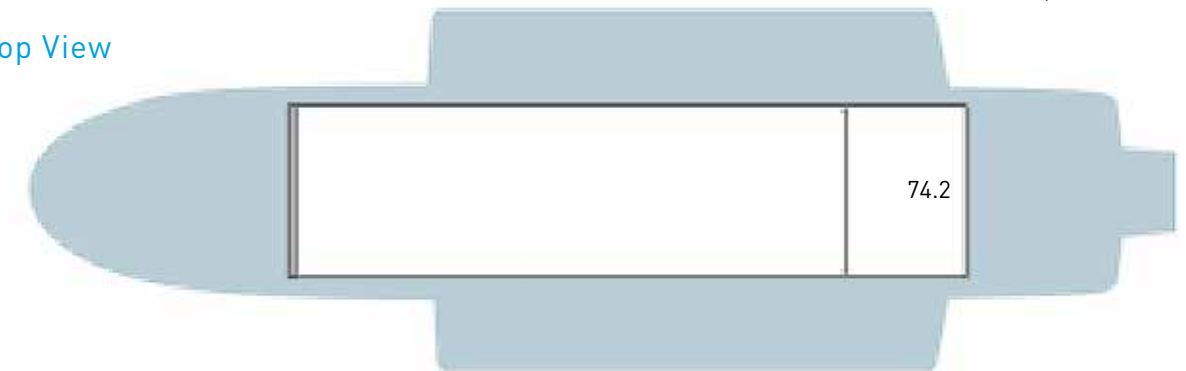
Manufacturer/Type	GE CT7-8A	
Maximum OEI power (30-second)	2,740 shp	2,043 kw
Takeoff power (5-minute)	2,520 shp	1,879 kw
Cruise (MCP)	2,043 shp	1,524 kw



Side View



Top View



GLOBAL SUSTAINMENT & PRODUCT SUPPORT

95% Availability Enabled by an Integrated Support Network



On Site Support



Parts Positioned
Around the Globe



Original Equipment
Manufacturer
Parts and Repairs



Advanced Fleet
Management and
Logistics Tools



Training



24hr Customer
Care Center



Engineering
Services



Health & Usage (HUMS)
Data Monitoring

S-92® TIMELINE

Evolution of a Legacy

Collier Trophy Awarded



Sikorsky receives the prestigious 2002 Robert J. Collier Trophy, honoring the all-new S-92 helicopter as "the greatest achievement in aeronautics or astronautics in America" for its exceptional safety and performance features.



2002

SAR First Delivery



Sikorsky delivers the first S-92 helicopter dedicated to Search & Rescue (SAR)

2007

S-92 Rig Approach



On Nov. 13, Sikorsky's S-92 Rig Approach™, a first-of-its-kind functionality providing automated off-shore rig and platform approaches is utilized in its first operational flight off the Gulf of Mexico



2013

Gross Weight Expansion



The first S-92 with Gross Weight Expansion enters revenue service, increasing the S-92 helicopter's maximum takeoff weight from 26,500 to 27,700

2015

RT HUMS™ Demonstration



The S-92 helicopter first demonstrates the ability to transmit in-flight, real-time Health and Usage Monitoring System data to PHI's operations control center

2017



2004

Sikorsky delivers the first S-92 helicopter for revenue service



First Delivery

2011

The S-92 "Legacy of Heroes" demonstration aircraft begins a world-wide tour visiting Latin America, Asia, India and Europe to recognize first responders of natural disasters and other humanitarian emergencies



Legacy of Heroes Tour

2014

In June, the U.S. Navy selects Sikorsky to build the next fleet of Presidential helicopters using the S-92 platform. Three months later, Sikorsky celebrates the 10 Year Anniversary of the S-92 helicopter.



U.S. Navy Selects S-92

2016

The S-92 helicopter fleet achieves One Million Flight Hours. The S-92 receives the American Helicopter Society International Harry T. Jensen Award for best-in-class safety record and greater than 95% aircraft availability rate.



One Million Flight Hours

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[®]
Search & Rescue



Offshore Oil



Executive/VIP



Multi-Mission Utility



NOTES

