

Search *and* Rescue



International leader in providing all
weather search and rescue services;
whenever and wherever you need us.



A VIH Aviation Group Company



The SAR Team

Cougar Helicopters Inc. takes great pride in their rescue specialists. We currently deploy them to St. John's, N.L.; Tuktoyaktuk, N.W.T.; Galliano, LA; and Barrow, AK.

Cougar's rescue specialists come from diverse backgrounds that include military and civilian SAR, flight paramedicine, safety and advanced medical systems and survival instruction. Our SAR crews are unique in that they commonly hold dual qualifications as rescuemen and hoist operators. As well, Cougar's flight crews have experience that includes military and search and rescue from three continents. They also have extensive Arctic and ship borne operational experience.

As a result of our expertise we are able to respond to a wide variety of emergencies on land or at sea and under some of the most extreme weather conditions on the planet.

Safety

Cougar's fleet are among the safest in the industry. As well as incorporating the latest technology into our aircraft, Cougar offers 24/7 flight dispatch and operates under a co-authority dispatch system – a first in North America for rotor wing aircraft. Our operational control centre (OCC) brings together all pertinent departments in one room, increasing situational awareness for any occurrence.

Some of the technical and safety innovations incorporated into our aircraft include: GPS technology (S-92); de-icing systems (S-92); satellite communications / tracking system (S-61 and S-92); helicopter flight data monitoring (S-92); and four axis auto hover (S-92).



Scope

Our team provides 24/7 search and rescue capabilities to our offshore oil and gas clients. Duties can include platform medevacs, hoisting, search and rescue for undersized vessels, water rescue, multi-patient evacuations, rig abandonments, multi-casualty response, and night hoisting.

Cougar is also recognized as a secondary SAR asset for Canada's national SAR system.

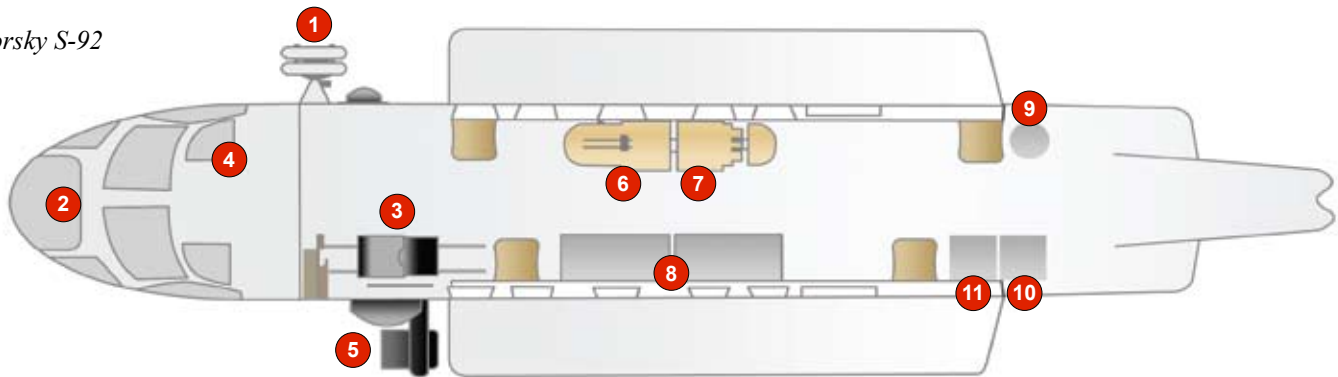


Aircraft

When saving lives, you need a helicopter you can count on. Cougar Helicopters is the first operator in North America, civilian or military, to utilize the Sikorsky S-92 in a SAR role. This newer aircraft is manufactured to the highest standards increasing the safety for all our passengers. It has a modern cockpit with a new automatic flight control system; forward looking infrared (FLIR) system with a designated cabin console; a stand-up cabin that can accommodate auxiliary fuel tanks; medical litter kits and ample storage space.

Cougar also uses the Sikorsky S-61N for its SAR missions. This fully amphibious aircraft has an updated cockpit, spacious cabin, and is equipped with all the necessary equipment. Cougar has improved the S61-N's range capability by using Carson blades, thus increasing OEI maximum weight by 1000 lbs and adding 15 knots to normal cruise speed. All of Cougar's S61Ns have enhanced avionics including dual Garmin GPS with GMX 20 display, DF Homer and Honeywell P700 radar and are equipped with FLIR and Nitesun.

Sikorsky S-92



SAR Equipment

- 1 Goodrich Dual Rescue Hoist
- 2 Forward Looking Infrared (FLIR)
- 3 FLIR Station
- 4 Wireless Intercom System
- 5 Nitesun Search Light
- 6 Stokes Litter
- 7 Multi-level Stacker Stretcher System
- 8 Auxiliary Fuel Tank
- 9 Marine Salvage Pumps
- 10 Collapsible Rescue Basket
- 11 Other equipment includes:
 - » Rescue Sling
 - » Guideline
 - » Survival Kit Air Dropable (SKAD)
 - » Night Vision Goggles (NVG)
 - » Advanced Medical Kits





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