

Helideck *Survey*



Know Where You Go



A VIH Aviation Group Company



Offshore installations travel the globe, and safety regulations vary from country to country. As part of Cougar's commitment to safety, we conduct a thorough examination of all contracted helidecks before beginning flight service. Some of the most stringent helideck regulations worldwide are the British CAP 437 (5th Edition) regulations. Cougar uses these regulations, in conjunction with the Coast Guard TP4414 regulations, as a reference for offshore helideck surveys.



Helideck Surveyors

Cougar has a helideck survey team comprised of four Cougar captains, each of whom has completed a Helideck Awareness Inspection training course in Aberdeen, Scotland or in New Orleans, Louisiana. This course is recognized by all major oil exploration companies operating in offshore fields, globally. Cougar has completed helideck surveys in each of our operations worldwide, from the East Coast of Canada, to Louisiana, Alaska, Africa, and Australia.

The Search for Perfection

Cougar's helideck surveyors are also Cougar pilots, and in both capacities view each helideck with a critical eye. The helideck that is being surveyed today may be receiving a Cougar aircraft tomorrow, and therefore must meet or exceed all standard requirements, as well as those mandated by Cougar.

Offshore Helifuel Tank Inspections

Offshore installations are often located at a significant distance from base. While flight plans are created with an allowance of more than enough fuel to bring the aircraft from base, to offshore, and back to base without refueling, the ability to refuel an aircraft offshore is a benefit when traveling to multiple installations. Cougar inspects all Helifuel tanks which will be used to refuel Cougar aircraft, and maintains a closed-loop system on these tanks between base and offshore.

Helifuel tanks are tracked by serial number, and are completely cleaned every 6 rotations offshore. Tanks are brought from the offshore installation via supply vessel, and upon arrival in St. John's, tanks are brought to the Cougar facility for inspection. A Cougar representative who has been trained by Shell in Helifuel Tank Management inspects the arriving tanks for damage and water contamination, before authorizing them to be refilled by our Jet A-1 fuel supplier. The tanks undergo a final inspection, before being locked and authorized for shipment back to the offshore oil field. This process minimizes the number of personnel who have access to Cougar tanks and their contents, helping to reduce the risk of damage and contamination. Prior to being used offshore, the tanks are again tested for water and debris contamination, and are routinely retested before supplying Cougar aircraft. Test results are given to the pilot in command of the aircraft before refueling is approved.



Surveyors check documentation for the helideck, such as the load specifications for the helideck, and verify the underwriter's helideck inspection certificate. A visual inspection is also conducted, which has 23 basic inspection points, including but not limited to:

- Crew support
- Obstructions
- Deck condition
- Deck markings
- Signage
- Lighting
- Helifuel systems (general condition and maintenance log)
- Fuel storage
- Emergency response and fire suppression equipment
- Meteorological equipment
- Communications equipment

Cougar conducts a yearly survey of all helidecks which are under normal helicopter usage. Tankers are inspected on a bi-yearly basis.

Taking care of our passengers, our crew, and our aircraft



Having a safe place to land, and safe fuel for aircraft are vital when conducting offshore operations. Cougar's commitment to safe transportation to and from offshore locations doesn't end when the aircraft leaves base. Cougar's commitment to safe transportation doesn't end ... period.



A VIH Aviation Group Company

40 Craig Dobbins' Way | St. John's International Airport | St. John's, Newfoundland | Canada A1A 4Y3

Phone: (709) 758-4800 | Fax: (709) 758-4850 | Email: info@cougar.ca | Web site: www.cougar.ca