

# OIL AND GAS



Columbia Helicopters has supported oil and gas activities for more than three decades with our first rig move in 1971. Columbia provides oil and gas support on four continents and has moved hundreds of rigs. Columbia has successfully carried out complicated rig moves, including an 80 nautical miles one-way move and multiple moves at or above 9,000 feet. Columbia continues to meet or exceed industry standards.

The tandem rotor and twin-engine design of the Columbia 234 Chinook, Vertol 107-II and CH47D are more efficient than single main rotor designs, as it allows all available power to support higher internal and external payload. This also provides increased stability in crosswind, allowing us to place loads more precisely at a new rig site, which can also cut down on reassembly time of the rig and components. Each aircraft is suited for a variety of missions in support of oil and gas.

The Model 234 Chinook is among the most fuel-efficient of all heavy-lift helicopters, and one of the fastest. This means we are able to move rig components much more quickly than other helicopters, reducing the down time for the rig significantly. It also provides the largest gross weight allowance for any helicopter in its class at 51,000 pounds (23,133 kilograms).



Columbia provides general delivery and precision placement services. Large side bubble windows allow the pilots a clear view of the external load operation and reduces the risk involved in construction lifts.

Columbia's project managers are here to assist with any project. These highly skilled individuals will assist in creating a solution that meets your project goals and budgetary requirements.

Columbia's extensive experience in support of oil and gas operations has established a Load Management Program that rivals any other. The program coordinates all external load logistics from complete rig teardown, movement and transportation. These services are used for a variety of end users, including other sub-contractors on site. Columbia provide on-site logistic coordinators who work with all parties to ensure all loads are packaged and moved as efficiently as possible. Load management personnel are trained in every aspect of external load transportation, including rigging and movement procedures. Load management personnel are trained and operate to Lowler, ASM, and Dogman certification standards. Rigging equipment and procedures meet Lowler, ASM, and Dogman specifications for continued service. Columbia also provides load management for hazmat and dangerous goods.

Columbia Helicopters takes pride in our safety, personnel, performance and reliability, while providing best in class service.

**Visit our website at [www.colheli.com](http://www.colheli.com) for more information or to contact us for a quote.**



## **Columbia can assist you with the following services:**

- Rig moves
- Equipment transport and placement
- Material transport
- Crew transport
- Passenger transport
- Logistical support

## **Specialized mission equipment available**

- Night vision goggles
- Water bucket
- Fire tank
- Tank snorkel
- Foam/water cannon
- Cargo hook and rigging
- Rescue basket
- Disaster/rescue kits
- Specialized rigging
- Various cargo delivery options

## **External lift limits**

AIRCRAFT	EXTERNAL LOAD LIMIT
107-II	11,500 lbs (5,216 kgs)
234	28,000 lbs (12,700 kgs)
CH-47D	26,000 lbs (11,793 kgs)