

CASE STUDY

COLUMBIA HELICOPTERS, MAXIMIZING FLEET PERFORMANCE FOR ONE OF THE WORLD'S LARGEST HEAVY-LIFT HELICOPTER COMPANIES



COLLECTIVE DATA



COLUMBIA
HELICOPTERS

ABOUT COLUMBIA HELICOPTERS

Columbia Helicopters, Inc. is a global operator of heavy-lift helicopters, providing maintenance support for both commercial and military customers worldwide. With equipment spread across regions from Papua New Guinea to South America, Columbia Helicopters stands as the first successful helicopter logging company and logs more timber than any other company globally. They operate a fleet of over 30 aircraft, supported by nearly 2,000 pieces of equipment.

THE CHALLENGE

Managing a fleet of nearly 2,000 pieces of equipment that support 30 aircraft poses significant logistical challenges. Columbia Helicopters required a flexible software solution capable of accommodating the diverse nature of their fleet and the detailed operations involved in their management. Their equipment ranges from 4500-gallon Freightliner Nurse Trucks used for fueling to specialized air regulator valves for fire suppression. The team needed a system that could handle the complex tracking of equipment location, maintenance schedules, and inspections spread across various continents.

THE SOLUTION

Since implementing a fleet management software solution, Columbia Helicopters has significantly increased efficiency and maximized fleet performance. With all fleet information centralized in one database, the team can easily track equipment locations, plan maintenance, and organize inspections more effectively. The software allows for custom screens and reports tailored to their unique needs, enabling detailed tracking and management of both aircraft and support equipment.

The implementation has provided Columbia Helicopters with several key benefits. The comprehensive database allows all equipment details to be stored in a single, accessible location, improving overall fleet visibility. Centralized data has streamlined cost tracking and reporting, saving time and reducing errors. Real-time location tracking and maintenance scheduling have optimized equipment utilization and ensured timely inspections and rotations.

These improvements have enabled Columbia Helicopters to maintain their position as a leading provider of lift services globally, ensuring their fleet operates at peak efficiency and reliability. The software has been instrumental in helping the company grow and continue to offer top-tier services worldwide.

Industry

Transportation/Aviation

Assets Managed

1,984 Helicopters



A tremendous amount of labor has been saved by eliminating the need to go through individual files to tabulate various costs. It is now all available at the push of a button.

Rick Carroll

Fleet Manager for Columbia Helicopters

Solution Features

- Custom screens and motor pool reporting
- Equipment location history reporting
- Preventative maintenance scheduling
- Real-time asset tracking
- Comprehensive database management
- Cost tracking and reporting
- Integration with fuel and telematics systems
- User security levels
- Automated alerts and notifications
- Configurable dashboards