COLUMBIA MODEL 234 MULTI-MISSION CHINOOK
MULTI-MISSION HEAVY LIFT AUTHORITY

THE WORLD’S LARGEST STANDARD TRANSPORTATION CATEGORY MULTI-MISSION HEAVY LIFT HELICOPTER

EMERGENCY RESPONSE
As emergencies and natural disasters increase in number and intensity, the Columbia 234 Multi-Mission Chinook stands ready to meet every challenge.
Columbia, the proven name in heavy lift helicopters for more than 60 years, is pleased to introduce the Columbia Model 234 Multi-Mission Chinook. Developed in direct response to customer demand, the world’s largest multi-mission heavy lift helicopter can be quickly reconfigured to meet multiple mission profiles, expanding each aircraft’s economic efficiencies and return on investment.

The aircraft’s extreme flexibility, including combi configurations, allows agencies to easily support multiple missions year-round. Purposefully designed to reconfigure quickly, the aircraft reduces down time while maximizing cost efficiency.
PASSENGER TRANSPORT

RAPIDLY INSERT AND RESCUE
The Columbia Model 234 Multi-Mission Chinook is rapidly configurable in two separate ways to transport up to 44 passengers. Seating is easily installed and removed to change the aircraft mission profile.

Fast Rope Insertion Extraction System (FRIES)
Originally developed for deploying troops from a helicopter in places and situations where it is hard or challenging for the helicopter itself to touch down, the Fast Rope system is also helpful for personnel to be quickly inserted into areas without a landing zone to begin supporting efforts.

19-SEAT CONFIGURATION
• Side facing crashworthy 19 seat configuration
• Easily storable fold-down seats
• 5-point harnesses

44-SEAT CONFIGURATION
• Type Certified for up to 44 passengers with flight attendant(s)
• Multiple attachment points available per seat for easy flexibility in case of configuration changes

RAPIDLY INSERT AND RESCUE
FIREFIGHTING

PRECISION DROPS THAT PACK A PUNCH
As the world experiences larger, hotter, and longer fire seasons, agencies demand bigger, more effective firefighting tools. The Columbia Model 234 Multi-Mission Chinook delivers. With internal and external lift capabilities, this workhorse drops water/retardant payload with extreme precision.

EXTERNAL
Bambi Bucket
As an alternative to the internal tank, the Columbia Model 234 Multi-Mission Chinook utilizes the 2,600-gallon bucket for suppressant and retardant drops.

LONG REACH
Bucket suspends 200 feet below the helicopter, giving access to streams, lakes, and rivers in wooded areas.

HIGH CAPACITY
2,600-gallon (9,000-liter) SEI Powerfill Torrentula Bambi Bucket

QUICK FILL
Four high speed pumps fill the bucket in less than 90 seconds.

SHALLOW SOURCE
Can fill from a water source as shallow as 18 inches

INTERNAL
Simplex Fire Attack System
Columbia’s internal fire attack system utilizes the aircraft’s expansive interior to deliver flexible fire suppression options.

DUAL TANKS
The system includes an internal 2,800-gallon (10,599-liter) capacity tank and a 140-gallon (529-liter) retardant reservoir

QUICK DROPS
Drops full load in 4 seconds

VERSATILE
Can drop a combination of water, retardant, and/or foam

ADDITIONAL FIREFIGHTING SUPPORT
- Supply drops
- 19 Pax Crew transport in standard configuration
- Medevac
- Ground-clearing vehicle delivery

QUICK FACTS
- 2,800 Gallon Internal Tank Capacity
- 2,600 Gallon External Bucket Capacity
- 8 Coverage Drop Selections
- 6 Water Drop Settings
CARGO TRANSPORT

HEAVY LIFT MASTER

The Columbia Model 234 Multi-Mission Chinook supports both internal and external cargo operations, or both simultaneously for specialized missions.

INTERNAL CARGO MANAGEMENT SYSTEM

Designed after those found in a large transport airplane, Columbia Model 234 Multi-Mission Chinook’s internal cargo management system allows for fast and efficient use of the aircraft’s large cabin for internal cargo.

Columbia’s exclusively designed 463L Pallet loading floor system features rollers built into specially engineered panels. The system offers minimal rolling resistance when needed and can be easily and safely stowed away when not in use.

EXTERNAL CARGO CAPABILITIES

Columbia Model 234 Multi-Mission Chinook’s external lift capabilities are like no other aircraft built today. From repair, construction, and large vehicle transport to delivering critical emergency supplies in natural disasters, this helicopter delivers with long line precision placement (L2P2).
MEDEVAC

SAVING MORE LIVES

The Columbia Model 234 Multi-Mission Chinook utilizes the Stanchion Litter System for transporting critical patients and their caregivers to safety. The system is fully customizable to specific customer requirements, providing extraordinary flexibility for air evacuation.

ADVANCED LIFE SUPPORT PATIENT LOADING UTILITY SYSTEM (PLUS)

The Model 234 Multi-Mission Chinook also accommodates the LifePort Patient Loading Utility System™ (PLUS), a self-contained unit which includes an advanced life support base unit, manual loading system, and AeroSled™ stretcher.

- Single and tandem patient configurations available
- Leveling leg eliminates lifting of patient inside aircraft
- Single hand release for locking and unlocking sled
- Cargo track to secure medical devices and monitors
- Includes single or dual oxygen cylinder, compressed air, vacuum, and electrical inverter
- 115 or 230 VAC electrical outlets
- Light, compact design

COMPATIBLE
Integrated restraints ensure compatibility with a variety of litter types

VERSATILE
- Designed for equipment attachment including IV fluid bags, medical equipment, task lighting, and cargo nets
- Optional Over Size Litter (OSL) Adapter and Oxygen Cylinder Mount available

STRONG
- Supports evacuee weight of up to 350 lbs

ADJUSTABLE
- Platforms vertically adjustable in one-inch increments

TOOL-FREE
- Installs tool-free in under 15 minutes

FLEXIBLE
- Installs directly to existing seat track, hard points, or cargo rings

VERSATILE
- Installs tool-free in under 15 minutes

FAST ROPE INSERTION EXTRACTION SYSTEM (FRIES)

Multi-functional in many ways, this Fast Rope system allows medical and search and rescue personnel to be quickly inserted into areas without a landing zone to begin administering care immediately.

PATIENT EXTRACTION AND MEDEVAC INSERTION

Originally developed for deploying troops from a helicopter in places and situations where it is hard or challenging for the helicopter itself to touch down, the Fast Rope system is also helpful for personnel to be quickly inserted into areas without a landing zone to begin supporting efforts.

REAR AND SIDE LOADING HOISTS

The rear loading hoist allows medical personnel to safely extract patients.
REady to respond

Contact us today
Learn how Columbia can configure and customize the ideal multi-mission aircraft for your year-round needs.

503.678.1222 | colheli.com
14452 Arndt Rd NE, Aurora, OR 97002
bdmarketing@colheli.com

*Performance data may differ dependent on aircraft operational conditions and configuration.