



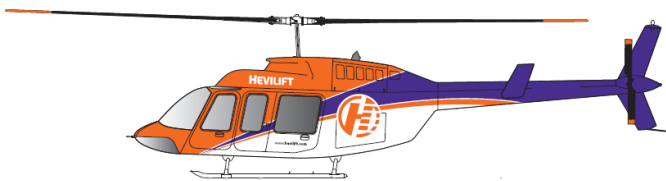
Bell 407

The Bell 407 is a four-bladed, single-engine, civil utility helicopter; the replacement for the Bell 206L-4 Long Ranger. The 407 uses the four-blade, soft-in-plane design rotor with composite hub

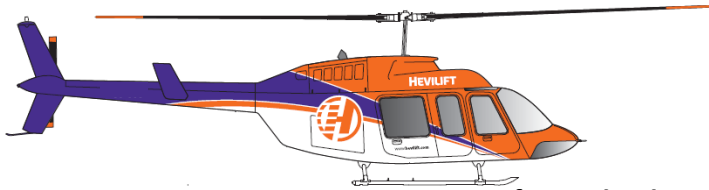
The helicopter is versatile and is an excellent internal and external lifter.

General Standard Specifications

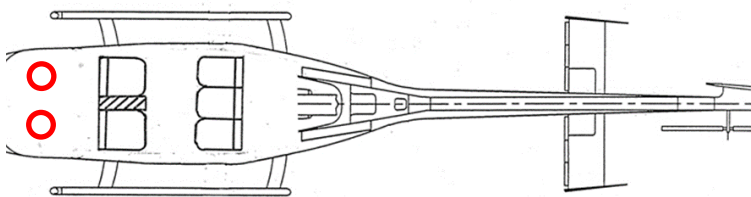
Crew	1 pilot
Capacity	6 passengers, stretcher capability
Length	41 ft 8 in (12.7m)
Rotor Diameter	35 ft 0 in (10.67m)
Height	11 ft 8 in (3.56m)
Disc area	962 ft ² (89m ²)
Empty Weight	2,668 lb (1,210 kg)
Useful load	2,347 lb (internal) 1,065 kg)
Max. takeoff weight	6,000 lb (2,722 kg)
Powerplant	1 x Allison 250- C47B turboshaft, 813 shp (606 kW)



Right Hand Side



Left Hand Side



Seating Configuration

Performance

Cruise Speed	133 kt (152 mph, 246 km/h)
Range	324 NM (372 mi, 598km)
Service ceiling	18,690 ft (5,698 m)
Maximum speed	140 knots (161 mp/h, 260 km/h)