



# Sikorsky CH-53K Helicopter

*A heavy lift capability above all others*

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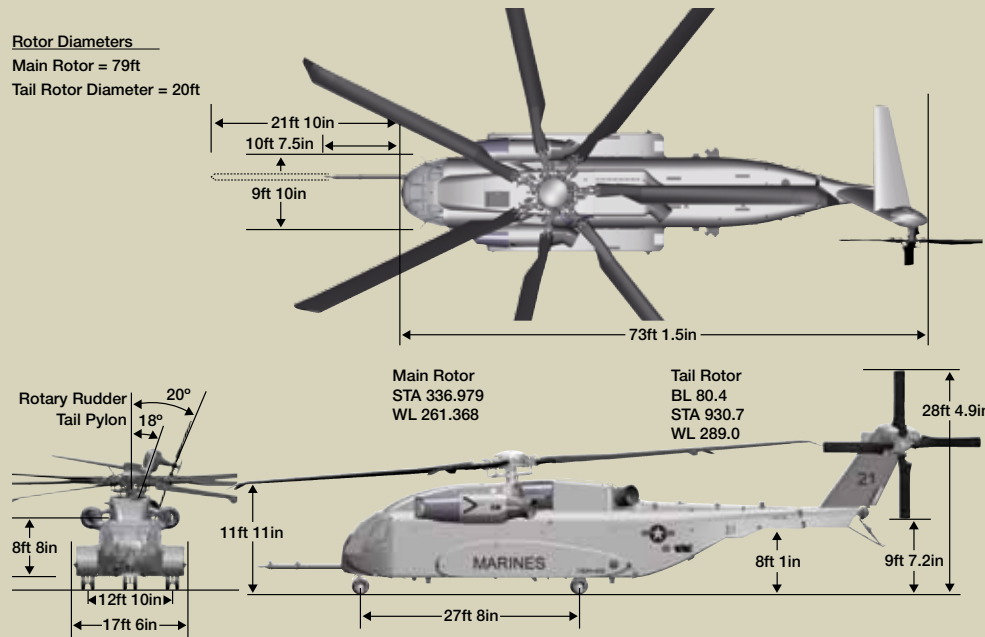
*A heavy lift capability above all others*

The Sikorsky CH-53K will be the world's premier heavy lift helicopter. It is a derivative design leveraging the lessons learned from almost half a century of manufacturing and operating the CH-53A/D/E models of heavy lift helicopters.

Built to thrive in the modern battle space, the CH-53K design is focused on five key areas: internal and external cargo capability, joint information exchange requirements compliance, high reliability, low maintenance, and survivability across the full spectrum of operating conditions.

Expeditionary in nature, the CH-53K will be fully shipboard compatible (capable of landing and operating for extended periods on all current and planned CH-53D/E capable ships) and operating from austere and remote forward operating bases. The CH-53K will be the Marine Corps' critical logistics connector.

200 CH-53K helicopters will replace the current inventory of CH-53E and CH-53D helicopters.

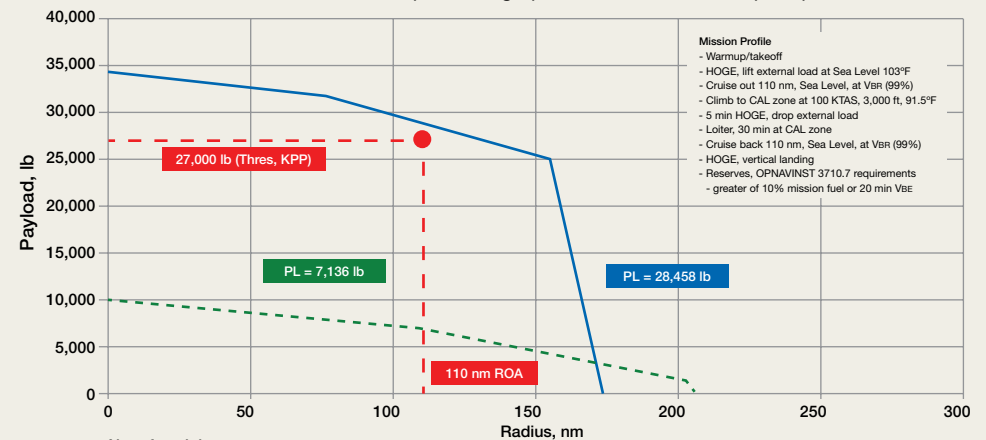


## Characteristics

Engines	Three GE 38-1B engines
Cockpit	Rockwell Collins Avionics Management System (AMS) digital glass cockpit
Rotor Blades	Composite with 4th Generation anhedral tip
Rotor Head	Elastomeric (dry) with hydraulic blade fold
Fuselage	10,000 hour metal/composite
Survivability	USMC common advanced Aircraft Survivability Equipment (ASE) suite
Transportability	C-17, C-5 internal transport
Range	480 miles unrefueled/unlimited with aerial refueling

## OMFTS External Payload/ROA

USMC CH-53K (AVS Changes) 103% NR External Load (56 ft<sup>2</sup>)



Aircraft weights:

CH-53E POW = 34,376 lb

CH-53K POW = 43,750 lb

CH-53E Max GW = 73,500 lb

CH-53K Max GW = 88,000 lb

6900 Main Street, Stratford, Connecticut 06615 USA

+(800) WINGED-S (946-4337) or +(202) 336-7408

[www.sikorsky.com](http://www.sikorsky.com)

**Sikorsky Military Systems**

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