



DUTY  
HONOR  
SERVICE

MINNESOTA  
NATIONAL GUARD  
ESTABLISHED 1856

RESPECT  
INTEGRITY  
EXCELLENCE

## CH-47 CHINOOK

### **Mission**

To transport ground forces, supplies, ammunition, and other battle-critical cargo in support of worldwide combat and contingency operations.

### **Entered Army Service**

1962

### **Description and Specifications**

The venerable twin-engine, tandem rotor CH-47 Chinook helicopter has undergone numerous upgrades since the first CH-47A model was delivered to the Army for use in Vietnam. Beginning in 1982 and ending in 1994, all CH-47A, B, and C models were upgraded to the CH-47D model, which remains the U.S. Army standard. It features composite rotor blades, an improved electrical system, modularized hydraulics, triple cargo hooks, avionics and communications improvements, and engines that can handle a 25,000 lb load – nearly twice the original lift capacity.

The cabin can accommodate two Humvees or a Humvee together with a 105mm howitzer and gun crew. Ramp operations can be carried out on water using an optional power-down ramp and water dam configuration.



<b>Max gross weight:</b>	50,000 lbs
<b>Empty weight:</b>	23,401 lbs
<b>Max speed:</b>	170 knots / 184 mph
<b>Normal cruise speed:</b>	130 knots / 137 mph
<b>Rate of climb:</b>	1,522 ft/min
<b>Rotor system:</b>	three manual folding blades per hub (two hubs) 225 revolutions per minute; 60 ft. rotor span
<b>Troop capacity:</b>	36 (3 crew members and 33 troops)
<b>Minimum crew:</b>	3 (pilot, co-pilot, flight engineer)
<b>Litter capacity:</b>	24
<b>Sling load capacity:</b>	26,000 lb center hook; 17,000 lb forward/aft hook 25,000 lb tandem

Information courtesy [Army.mil](http://Army.mil)

### **Manufacturer**

**Aircraft:** Boeing; **Cockpit:** Rockwell Collins; **Engine:** Honeywell; **ERFS II:** Robertson Aviation

FOR MORE INFORMATION, CONTACT: Minnesota National Guard Public Affairs at [public.affairs@mn.ngb.army.mil](mailto:public.affairs@mn.ngb.army.mil) or go to [www.MinnesotaNationalGuard.org/press\\_room/fact\\_sheets/military\\_equipment.php](http://www.MinnesotaNationalGuard.org/press_room/fact_sheets/military_equipment.php) for a list of equipment used by the Minnesota National Guard.