

# Chinook/CH-47F Improved Cargo Helicopter (ICH)

Conducts air assault, air movement, mass casualty evacuation, aerial recovery, and aerial resupply across the full spectrum of operations.

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## Description & Specifications

The Chinook/CH-47F Improved Combat Helicopter (ICH) upgrade program for the current CH-47D fleet will extend the service life of the current cargo helicopter fleet by an additional 20 years. The program includes a production line of new build aircraft and the remanufacture of all CH-47Ds in the current fleet to meet the total Chinook fielding requirement. Both new and remanufactured CH-47F ICHs incorporate new monolithic airframes and improvements to airframe reliability and maintainability. They provide an avionics architecture compliant with the DoD Information

Technology Standards and Profile Registry (DISR), interoperability with DoD systems, and compliance with emerging Global Air Traffic Management (GATM) requirements.

## Program Status

- **3QFY06:** CH-47F roll out
- **4QFY06:** Initiated key personnel training
- **1QFY07:** Award for Transportable Flight Proficiency Simulator production
- **1QFY07:** Delivery of first CH-47F new build aircraft
- **1QFY07:** Full rate production award

## Projected Activities

- **2QFY07:** Complete initial operational test
- **4QFY07:** First unit equipped
- **1QFY08:** Multi-year procurement

## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

## Chinook/CH-47F Improved Cargo Helicopter (ICH)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

#### Aircraft:

Boeing (Philadelphia, PA)

#### Cockpit upgrade:

Rockwell Collins (Cedar Rapids, IA)

#### Engine upgrade:

Honeywell (Phoenix, AZ)

#### Extended range fuel system:

Robertson Aviation (Tempe, AZ)



<b>MAX GROSS WEIGHT:</b>	50,000 pounds
<b>MAX CRUISE SPEED:</b>	170 knots/184 miles per hour
<b>TROOP CAPACITY:</b>	36 (33 troops plus 3 crew members)
<b>LITTER CAPACITY:</b>	24
<b>SLING-LOAD CAPACITY:</b>	26,000 pounds center hook 17,000 pounds forward/aft hook 25,000 pounds tandem
<b>MINIMUM CREW:</b>	3 (pilot, co-pilot, and flight engineer)

