

# Chinook Cargo Helicopter CH-47F

The CH-47F Chinook is the Army's only heavy-lift cargo helicopter supporting combat and other critical operations. The CH-47F has a suite of improved features such as an upgraded digital cockpit featuring the Common Avionics Architecture System, a new monolithic airframe with vibration reduction, and the Digital Automatic Flight Control System, which provides coupled controllability for operations in adverse environments (reduced visibility, brown out, high winds). The CH-47F's common cockpit enables multiservice digital compatibility and interoperability for improved situational awareness, mission performance and survivability, as well as future growth potential. The CH-47F Block II provides an increased payload and operational reach beyond the existing CH-47F capability. The Block II will also enable the Army to better support the rapid response capability necessary for forcible and early entry contingency missions as well as tactical and operational nonlinear, noncontiguous, simulations or sequential operations.

The CH-47F tactically transports forces and associated equipment and provides routine aerial sustainment of maneuver forces. Secondary missions the Chinook executes to support Soldiers and commanders include: medical evacuation, search and rescue, parachute drops, disaster relief and aircraft recovery. The CH-47F Block II program provides additional capability to the field with greater reach, increased payload capacity and an increase in maximum gross weight to 54,000- pounds.

