



# BLT-1 BLADE LIFTING TOOL

March 4, 2008



## BLADE LIFTING TOOL (UH-60 BLACKHAWK HELICOPTER)

*The BLT-1 blade lifting tool provides UH-60 maintenance personnel with a rotor blade lifting device when service routines require such action/equipment.*

- **Blade Lifting Tool (BLT-1) P/N 495500-1**

A mobile rotor blade lifting tool, designed to be readily moved and repositioned as required for quick aircraft turnaround. This lifting tool is comprised of two major components providing both hydraulic and manual height adjustments. The lower lifting jack portion of the tool is a half ton hydraulically actuated vertical jack while the upper blade lifting/support assembly provides a rotor blade cradle and an extension tube allowing additional manual height adjustment.

The lifting jack is an all steel structure with attached swivel casters, hydraulic actuated ram and a 24 x 24 inch base. The jack cylinder is provided with a spring loaded foot pedal for raising the jack's ram and a spring loaded release valve near the top of the lifting jack for lowering the ram.

The upper portion of the lifting tool is the blade lifting/support assembly, comprised of a steel structure and a rubber cushioned rotor blade support cradle. This cradle is attached to a sliding tube arrangement with pin stops, enabling manual height adjustment.

The combined components create a roll-about rotor blade lifting tool with a vertical height adjust from 106.5 inches to 157.5 inches and a load lifting capacity of 1100 pounds maximum.

**THIS PRODUCT CAN BE PROCURED FACTORY DIRECT**



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## Blade Lifting Tool P/N: 495500-1:

Height (Lowered Position) .....	106.5 in.
Height (Maximum Raised Position) .....	157.5 in.
Base Diameter .....	24.0 in.
Rotor Blade Support Cradle (Width) .....	23.27 in.
Weight .....	150 lbs.
Maximum Lifting Load .....	1100 lbs.

