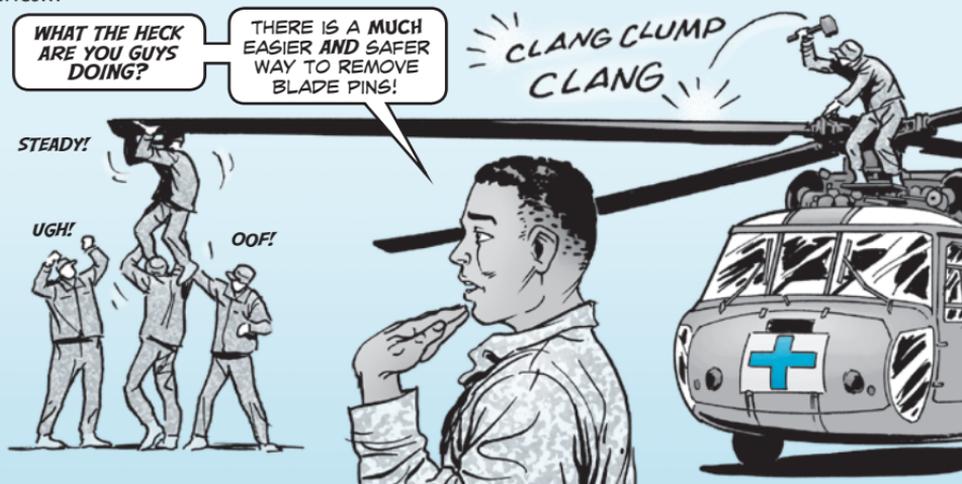


# Remove Blade Pins With Care



**M**echanics, Black Hawk blade pin removal is not a contest of strength.

When it's time to remove blades or blade pins, easy does it is the way to go.

Use a hoist or a blade lifting pole to lift each blade. This will relieve pressure and apply upward force on the blade pin while leading and lagging the main rotor blade. Stop leading and lagging the rotor blade once up and down movement in the blade pin is achieved. Now you can slide out the blade pins without force if each blade is positioned in this way. That makes the pins easy to remove.

For stuck pins, follow the procedures in WP 0585 of TM 1-1520-237-23-7 to locally make a tool to remove stuck pins. Never use a mallet to remove stuck pins. Make a note that the new style solid blade pin, NSN 5315-01-537-4652, replaces the old expandable blade pin, NSN 5315-01-329-0707. The old pins can be used in pairs on the same blade if the solid pin is not available. Never mix solid and expandable pins on the same blade.

Always remember when removing blade pins, slide them out. If you try to yank or force them out, you'll only cause damage and make it more difficult to remove them.

