

CH-47D/F...

WE HAVE TO USE THE WINCH EMERGENCY CONTROLS.

OK, BUT DON'T FORGET TO PUT THE PLUNGER BACK TO THE CENTER DETENT POSITION.

WINCH EMERGENCY USE

Mechanics, manual operation of your Chinook's winch using the winch control shutoff valve and the winch control valve in the heater closet is for emergency use only. Always pay attention when using these emergency controls. If you don't, you'll be doing major sheet metal damage repair.

After emergency operations, make sure the winch plunger on the winch control shutoff valve is returned to the centered detent position to disengage the winch. Always follow the winch emergency operator instructions stenciled on the panel above the control valve to avoid damage.

If you forget and leave the plunger pushed in and the winch control valve knob positioned either counterclockwise or clockwise, your bird will suffer damage. That's because the winch up/down limit switches are bypassed when using these emergency controls. The next time aircraft hydraulic power is applied to the bird, the winch will automatically engage.

For example, if the hook is on the winch cable and the knob is turned counterclockwise, the hydraulic power will pull the hook into and through the companionway floor like scissors cutting paper! If the hook is not installed, the cable is sucked into the winch drum and lost.

When using winch emergency controls, eyeball all the instructions on the panel and in TM 1-1520-240-240-10.

