

UH-60A/L,
HH-60M...

Take Care of Pistons and Struts



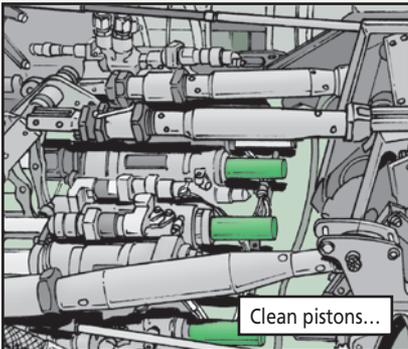
YOU'RE ALL CLEANED AND READY TO GO.

OH, I LOVE THE SMELL OF CLEAN IN THE MORNING!

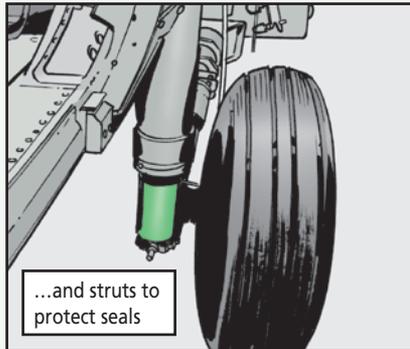
Mechanics, your Black Hawk pistons are moving parts that need attention to protect their seals.

Make a habit of wiping down all aircraft pistons with a clean dry cloth before and after each flight and after you wash the aircraft. If you don't lube them after you wash, calcium deposits will damage the seals. Do what it says in TM 1-1520-237-23 series and your unit SOP. For the M-model, follow the good words in TM 1-1520-280-23&P.

The following parts **all** have seals: the pitch, roll and yaw piston; the primary servo pistons in the hydraulic deck; the main rotor damper pistons; the main landing gear struts; the tail landing gear struts; the tail rotor servo piston and the stabilator actuator.



Clean pistons...



...and struts to protect seals

Remember though, when you inspect the hydraulic deck pistons, some seepage is allowed, like it says in WP 0691 00 of TM 1-1520-237-23-4. Follow the leakage inspection criteria for the M-model like it says in TM 1-1520-280-23&P.

If the piston surfaces aren't cleaned regularly, dirt and grime build up and eat away the seals, causing leaks and blown seals. If leaks happen and seals blow, cleaning is no longer an option. You'll have to remove other parts of the aircraft to repair more damage from blown seals.



YOU CAN AVOID BIGGER MAINTENANCE PROBLEMS BY JUST WIPING DOWN PISTONS DURING REQUIRED INTERVALS.

PS END

ELSE...

New Green Paint for HGU-56/P Helmet



HEY, JONESY! I THINK I MISSED MY CALLING... I COULDA BEEN THE NEXT PICASSO! WHADAYA THINK?

WHAT THE...?? SMITTY, ONLY ELSE TECHS LIKE ME ARE AUTHORIZED TO PAINT HELMETS!

I'M GLAD I GOT THE NEW GREEN PAINT SO I CAN PAINT OVER YOUR HANDIWORK!

ELSE techs, Page 41 of 693 (Aug 10) told you about the color change to foliage green for the aircrew integrated helmet system (AIHS), HGU-56/P helmet.

Good news! There's now a new foliage green paint, NSN 8010-01-576-8919, available for spot painting the helmet.

Make a note until all the details about the new paint are added in the next update to TM 1-1680-377-13&P-1. For all helmet painting information, check out WP 0058 00 in TM 1-1680-377-13&P.