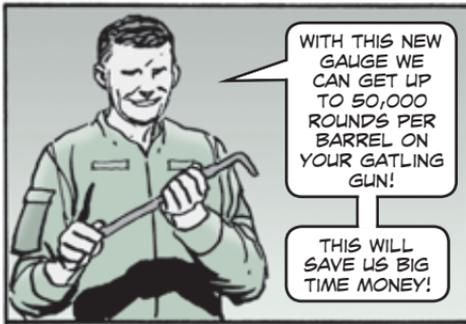
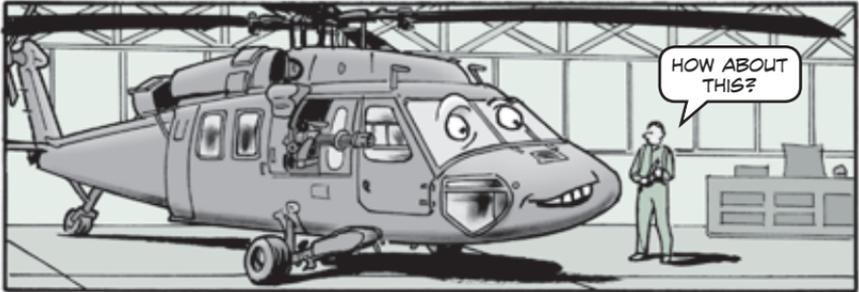


GAUGE EXTENDS LIFE OF GATLING GUN

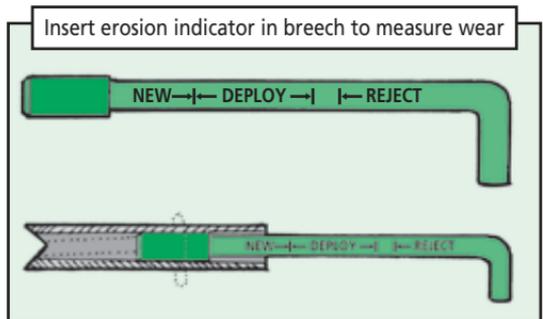


The barrel life for the 7.62-mm Gatling gun (also called mini-gun) used to be 16,666 rounds per barrel or 100,000 rounds total for the gun's set of six barrels.

A new barrel erosion indicator gauge, NSN 1005-01-535-5576, now makes it possible to safely extend barrel life up to 50,000 rounds per barrel or 300,000 rounds per set of six barrels.

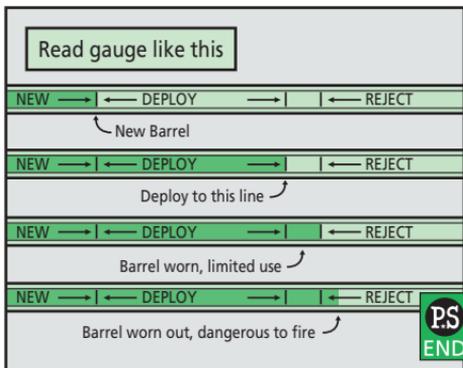
But to get this kind of long barrel life, you need to fire bursts of fewer than 500 rounds and allow the barrels to cool enough that they can be touched before firing again. If you fire longer bursts or don't let the barrels cool between bursts, barrel life is shortened.

To use the erosion indicator, insert it in the barrel breech to measure wear of the lands and grooves.



Brand new barrels don't need to be measured until after 10,000 rounds. After the gauge indicates the mid-range of DEPLOY, a barrel should be checked every 5,000 rounds.

When the gauge measures past DEPLOY into WORN, the barrel should be used only for training and it should be measured every 2,000 rounds. Once a barrel is gauged as REJECT, it should not be used for firing and should be turned in for demil.



UH-60 Series...

Blade Pins Need More Curing Time



IN PS 633, PAGE 35, WE TOLD YOU THAT BLACK HAWK BLADE PINS NEED SIX HOURS CURING TIME AT THE 500-HOUR PHASE MAINTENANCE, ACCORDING TO THE INSTRUCTIONS ON THE SOLID FILM LUBRICANT CAN.

HOWEVER THAT CONFLICTS WITH WP 0542 00 OF TM 1-1520-237-23-3, WHICH SAYS TO AIR-DRY BLADE PINS FOR 12 HOURS.

THE TM TAKES PRECEDENCE. SO CURE THEM FOR 12 HOURS.

MECHANICS CAN SPEED THE PROCESS BY AIR-DRYING THE PINS FOR 30 MINUTES, AND THEN DRYING 30 MINUTES MORE AT 150 DEGREES IN THE AVIM SHOP'S HEAT TREATING OVEN, NSN 3424-01-507-7007, SUPPLIED IN THE AVIM SHOP SET.

DO THIS, AND YOU'RE DONE.



AS A NOTE, BLACK HAWKS ARE NOW ON A SPLIT PHASE MAINTENANCE OF 350/700 HOURS.

