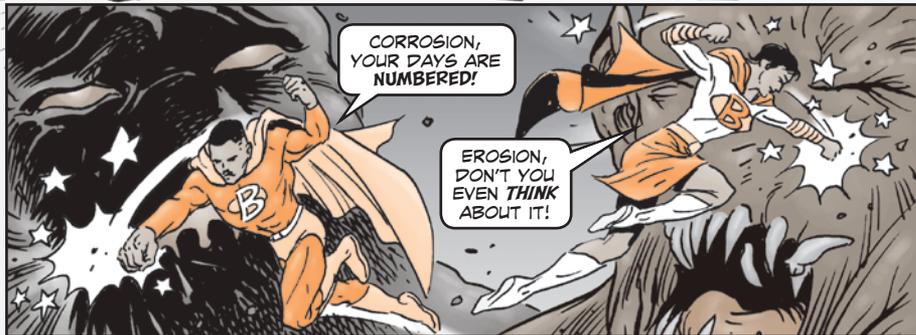
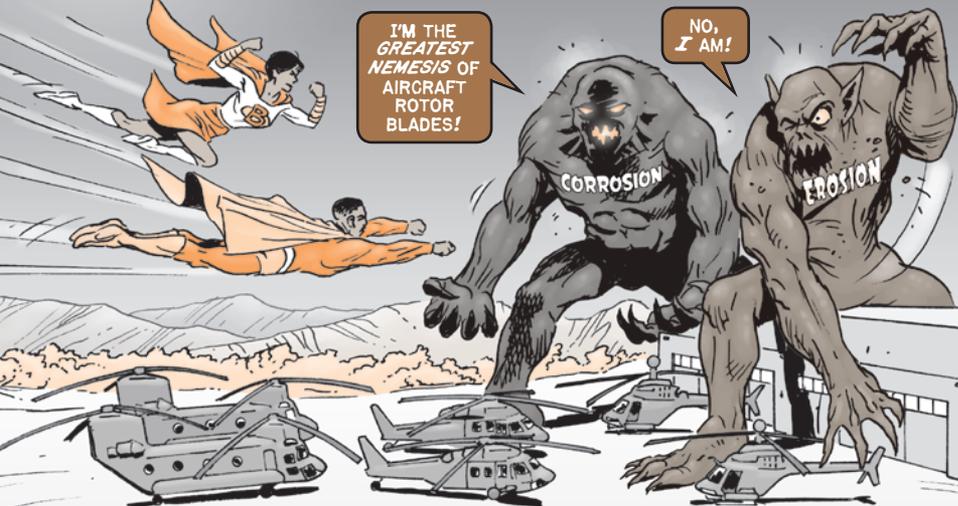


Protect and Preserve Rotor Blades



Mechanics, erosion is the mortal enemy of aircraft rotor blades. And corrosion is erosion's first cousin. These two forces are always at work, so prevent erosion's attack on blades, and keep a watchful eye on corrosion's attack everywhere else.

If your blades need a little touch-up paint, spray on a light coat of black paint to help slow blade erosion. Don't use too much, though, because you can throw off the track and balance of your aircraft. And do not paint over blade serial numbers, because they are used to track blade hours.

Cleaning, painting and preserving rotor blades is slightly different for Black Hawks, Kiowa Warriors and Chinooks, so follow these tips:

UH-60A/L Blades



Clean the blades with water and cleaning compound, NSN 6850-01-429-2368. Follow the instructions in WP 1686 of the IETM TM 1-1520-Blackhawk.

Paint the blades with a coat of polyurethane, NSN 8010-01-576-2880, like it says in WP 0585 of IETM TM 1-1520-Blackhawk.

UH-60M Blades



PS MORE

CH-47 Blades

CLEAN **CHINOOK BLADES** WITH A **CLEANING CLOTH**, NSN 8305-00-753-2967, SOAKED WITH **SOAP**, NSN 8520-00-228-0598, AND WATER.

THEN WIPE OFF THE SOLUTION WITH A **CLEAN CLOTH**, NSN 8305-00-656-1259, SOAKED IN CLEAN WATER, DRY THE BLADES WITH ANOTHER CLOTH.



During the cleaning process, if you notice stubborn deposits, remove them with a cloth dampened with dry cleaning solvent, NSN 6850-01-474-2320, like it says in WP 00934 of TM 1-1520-240-23&P or TM 1-1520-271-23&P.

When you are refinishing or repairing a complete blade, use a spray gun. Follow the steps in TM 1-1520-240-23&P and TM 1-1520-271-23&P. Use black lusterless paint, NSN 8010-00-527-2884. Thin the paint with thinner, NSN 8010-00-160-5789, and spray it over a coat of anti-static coating, NSN 8010-01-408-9236.

The Chinook TMs do not have NSNs for black lusterless paint in spray cans. But it is OK to use black lusterless paint in spray cans as long as it's for minor touch ups only.

OH-58 Blades

CLEAN **KIOWA WARRIOR BLADES** WITH **DISHWASHING COMPOUND**, NSN 7930-00-880-4454, MIXED WITH WATER.

RINSE THE BLADES WITH CLEAN WATER AND DRY WITH A **SOFT CLOTH**, NSN 7920-00-044-9281.



Clean the Kiowa blade grip, bolt, and expandable bolt with dry cleaning solvent, NSN 6850-01-474-2302. Wipe the parts dry with a clean rag, NSN 7920-00-044-9281.

To protect the blade bolts, the faying surfaces of the blade and the grip, apply some corrosion preventive compound (CPC), NSN 8030-00-244-1297, like it says in WP 5-1-5 of TM 1-1520-248-23.

WHEN USING CPCs FOR CLEANING, CHECK YOUR TMS AND IETMS FOR APPROVED CLEANERS AND FOLLOW THE INFO IN TM 1-1500-344-23, **CLEANING AND CORROSION CONTROL**.

MAKE SURE THAT **EVERY** CLEANING PRODUCT USED ON YOUR AIRCRAFT IS APPROVED BY THE ARMY AND IS LISTED IN YOUR TMS.



CPCs HAVE A SHORT SHELF-LIFE, SO THEY MUST BE REPLACED REGULARLY.

CHECK OUT TM 1-1500-344-23-2, TABLE 8-1, FOR CPC LIMITATIONS.

IF YOU HAVE QUESTIONS CONCERNING CPCs, CONTACT THE AMCOM CORROSION PROGRAM OFFICE HOTLINE AT DSN 897-0209 OR (256) 313-0209.



EROSION AND CORROSION ARE **NO MATCH** FOR GOOD MAINTENANCE.

KEEP ROTOR BLADES IN **TIP-TOP** SHAPE TO KEEP YOUR BIRD MISSION-READY!



PS
END