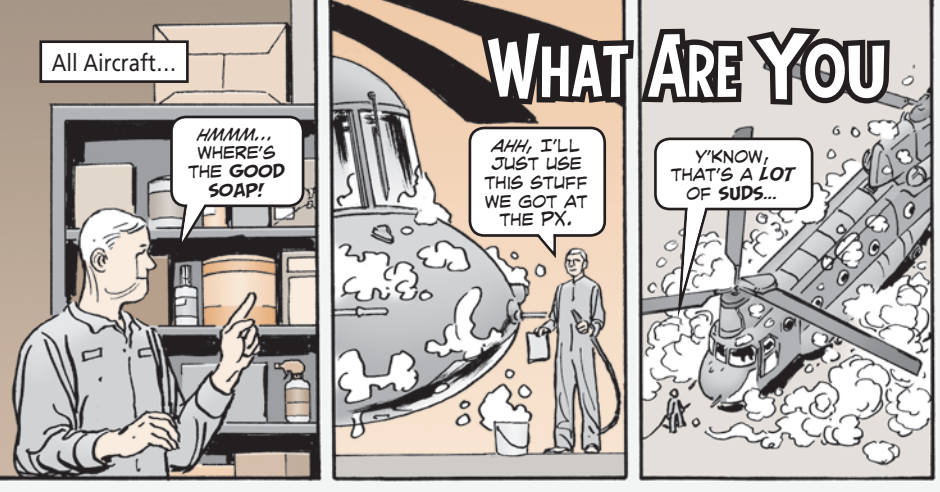
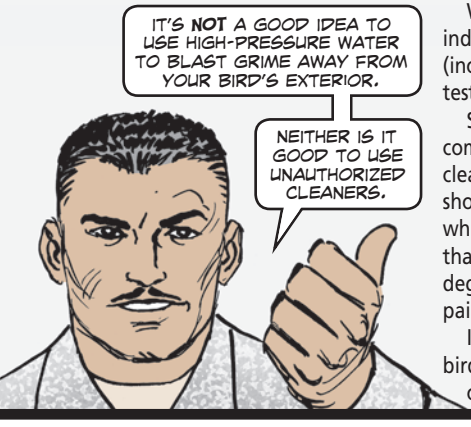




When cleaning your aircraft, **never** use industrial cleaners, detergents and degreasers (including Simple Green®) that the Army hasn't tested and approved.

Some unapproved cleaners have a "citrus" compound called "D-Limonene." These commercial cleaners did not pass Army performance tests and should not be used. These cleaners cause corrosion when runoff is trapped in nooks and crannies and that reduces strength in steel, makes alloys brittle, degrades canopy transparencies, and damages painted surfaces and cadmium plating.

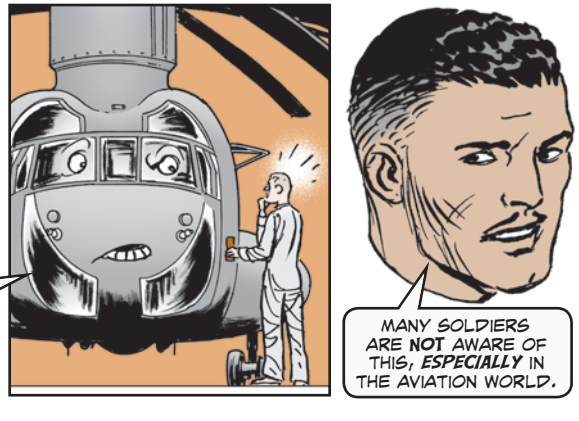
If you've used unapproved cleaners on your bird, lots of fresh water and an approved Army cleaning agent will get the stuff off.

Check your airframe TMs for approved cleaners. Follow up cleaning with a corrosion inspection and treatment. Apply approved corrosion preventive compound like it says in your -23 TMs and the info in TM 1-1500-344-23, *Cleaning and Corrosion Control.*

Make sure that every cleaning product used on your bird is approved by the Army and is listed in your TMs. Then check MIL-PRF-85570 and MIL-PRF-87937 and order the approved cleaners you need.

General Aircraft...

CORROSION CONTROL



Using CPC in this manner extends the life of the plugs and pushes out moisture from inside the connector. It is true that some types of CPCs interfere with current and signals from aircraft black boxes, but that happens only if you use the wrong CPC inside connectors.

When electronic systems have problems or don't work, the quick fix is to reseat (disconnect and reconnect) the cannon plug to clean off the corrosion from the pins. After that, the plugs usually have good connectivity unti the corrosion returns. Using electronic grade CPC, MIL-PRF-81309, Type III, NSN 8030-00-546-8637, helps keep the corrosion from returning. Because of their temporary nature, CPCs must be regularly removed and replaced. Consult TM 1-1500-344-23-2, Table 8-1, for CPC time limitations. Make sure you don't use excessive amounts of CPC. If you do, tilt the connector and let the excess drain out, then wipe off the connector with a clean, dry cloth.

For questions concerning usage and application of CPCs, contact the AMCOM Corrosion Program Office hotline at DSN 897-0209, (256) 313-0209.