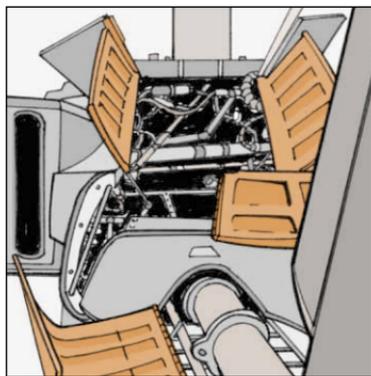


# DESERT REDEPLOYMENT CLEANING



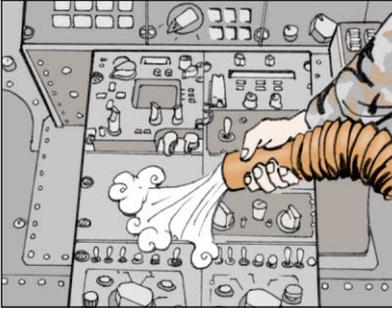
**W**ell, you've served your time in the sandbox, and redeployed to your home station. But this is no time to kick back and relax!

Your bird put in long hours in the sand and had a long sea voyage home. But sand (remember the sand?) got into every nook and cranny, and the salt air and sea spray may have added salt and moisture to the mix. Now you need to get busy to restore your helicopters to their pre-deployment condition.

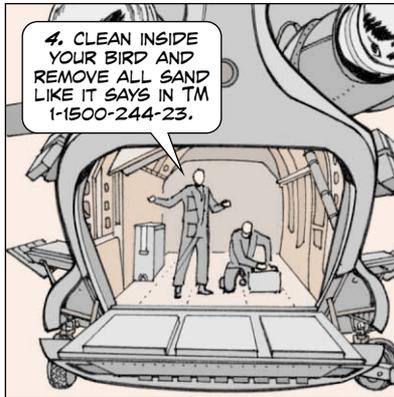


1. Open all access doors and remove all non-permanently installed panels and fairings. Inspect for damage.

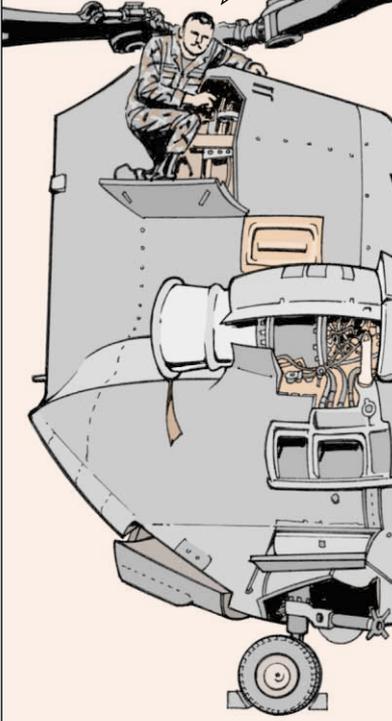
2. Vacuum loose sand or dirt from accessible parts of your bird.



4. CLEAN INSIDE YOUR BIRD AND REMOVE ALL SAND LIKE IT SAYS IN TM 1-1500-244-23.

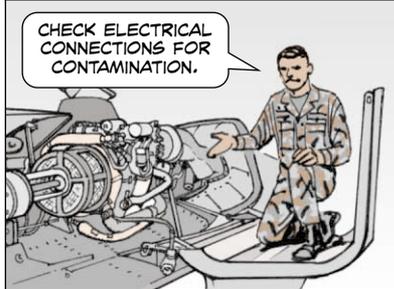


3. LOOK FOR CORROSION, DAMAGE TO TEFLON BEARINGS AND ROTOR FEATHER BEARINGS AND HYDRAULIC LEAKAGE, ESPECIALLY AROUND SEALS WHERE SAND CAN EAT INTO ANYTHING.

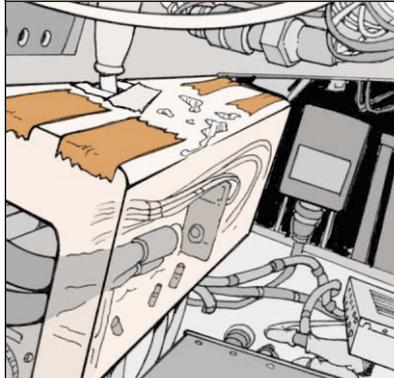


5. If you come across contamination on electrical connectors, clean and preserve them like it says in TM 1-1500-343-23. Use isopropyl alcohol instead of trichlorotrifluoroethane.

CHECK ELECTRICAL CONNECTIONS FOR CONTAMINATION.



6. After washing, remove standing water.



7. Inspect aircraft for additional sand and clean again if necessary until all contaminants are removed.

8. When your aircraft is dry, inspect for corrosion or other defects. If any are found repair them like it says in TM 1-1500-343-34, TM 1500-344-23 and each specific aircraft TM.

9. Apply type II corrosion preventive compound (CPC), NSN 8030-00-938-1947, to water entrapment areas in your bird's mating surfaces, bilge areas and hidden corrosion prone areas.

10. Wash your bird's engine according to its TM requirements.

11. When everything is complete, button up your bird.

HERE'S A LIST OF THE CLEANING MATERIALS YOU'LL NEED TO GET THE JOB DONE THOROUGHLY.



Nomenclature	NSN	U/I	Quan Req
Abrasive mat (280-400 grit) E	5350-00-967-5089	EA	100 Ea
Abrasive mat (180-240 grit)	3550-00-967-5093	EA	100 Ea
Abrasive mat aluminum (100-150 grit)	5350-00-967-5092	EA	100 Ea
Abrasive paper (silicon carbide)	5350-00-224-7205	PG-50	4 Shts
Abrasive paper (silicon carbide)	3550-01-043-2278	SH-50	4 Shts
Aircraft surface cleaning compound	6850-01-235-0872 or 6850-01-426-6682	GL-5	20 Gal
Chromium trioxide	6810-00-264-6517	LB-5	5 Lb
Calcium sulfate	6810-00-242-4066	LB-1	1 Lb
Corrosion preventive compound	8030-00-244-1297	GL-1	1 Gal
Corrosion preventive compound	8030-00-903-0931	PT-1	10 Pts
Corrosion preventive compound	8030-01-041-1596	CN-1	24 Cans
Corrosion preventive compound	8030-01-045-4780	QT-1	10 Qts
Corrosion preventive compound	8030-00-938-1947	LB-1	76 Cans
Corrosion preventive compound	8030-00-546-8637	CN-1	12 Cans
Corrosion resistant coating	8030-01-018-2838	QT-1	4 Qts
Isopropyl alcohol	6810-00-286-5435	GL-1	1 Gal

MAKE SURE YOU PERFORM OPERATIONAL OR MAINTENANCE CHECKS BEFORE FLYING INTO THE SAND STORMS.

ALL THIS INFO CAN BE FOUND IN TB 1-1500-200-20-31, AIRCRAFT DESERT OPERATIONS CLEANING REQUIREMENT. MAKE SURE YOU GET A COPY.



If you have any trouble getting cleaning materials, contact AMCOM's Ronnie Price or Judy Gerley at DSN 897-1312 or 897-1575 or commercial (256) 313-1312 or 313-1575.

Email is  
 ronnie.price@redstone.army.mil  
 judy.gerley@redstone.army.mil

