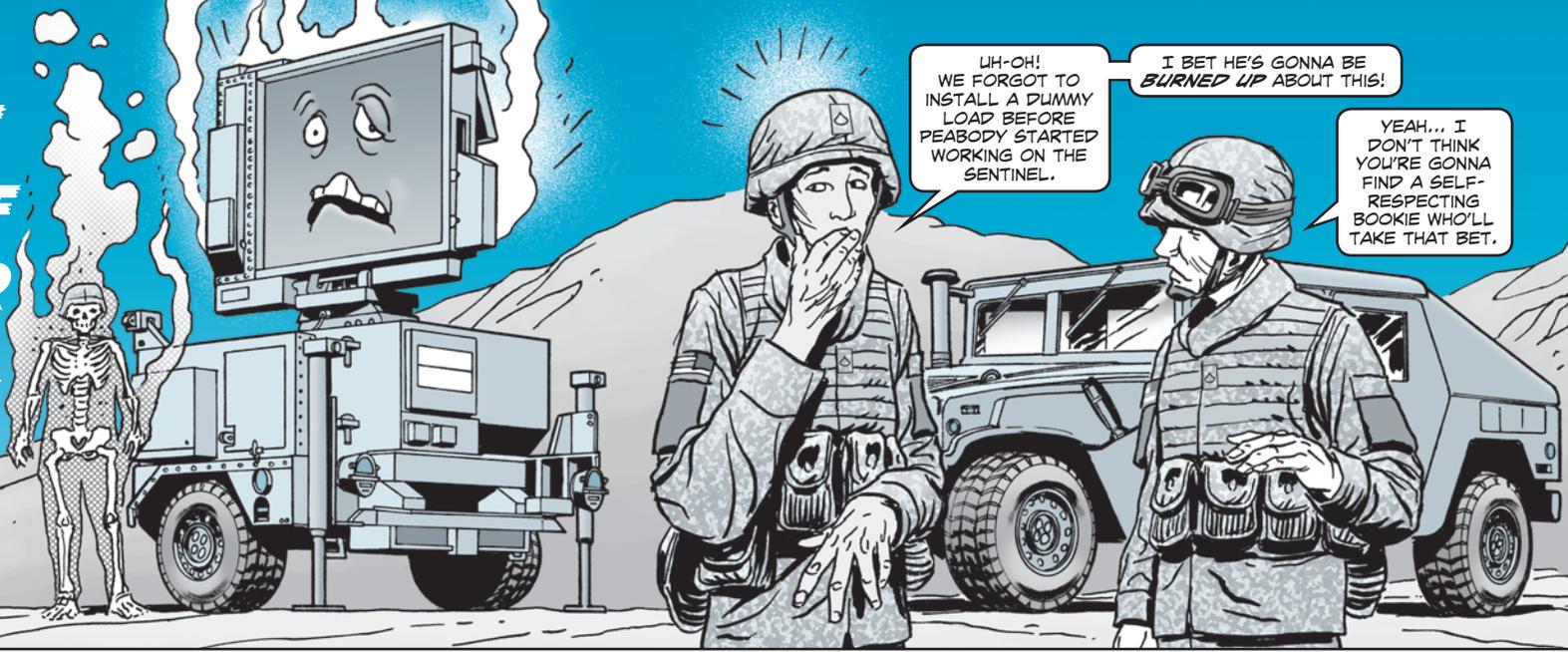


PROTECT YOURSELF AND YOUR SENTINEL

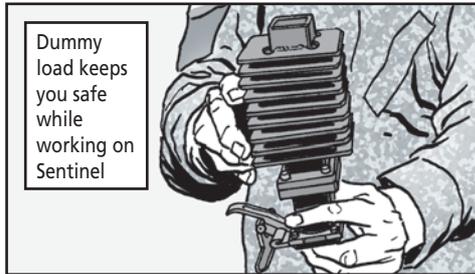


Protect Yourself

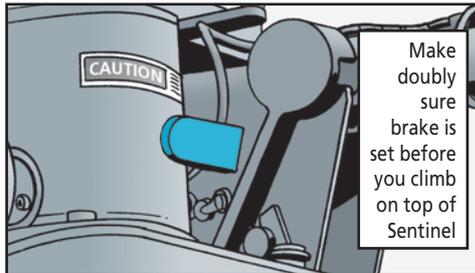
Before you do any Sentinel maintenance, install a dummy load. That way, the Sentinel sends RF into the dummy load and not out into space where it could microwave anyone on top of the Sentinel.

Check and check again that the brake is locked before you climb on top of the Sentinel. If the brake is not set, you could go flying if the Sentinel is activated and its dish whirls around.

For the same reason, make very sure that everyone is out of its way before you operate or test the Sentinel, especially if you're controlling it remotely.



Dummy load keeps you safe while working on Sentinel

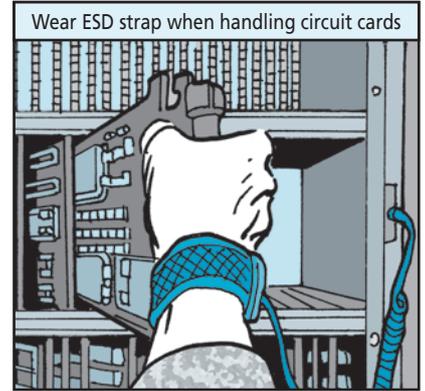


Make doubly sure brake is set before you climb on top of Sentinel

Protect Sentinel

When handling the Sentinel's circuit cards, wear ESD (electrostatic discharge) protection. Some of the Sentinel circuit cards cost thousands of dollars. One tiny spark of ESD can ruin one of those cards and your good name with your commander.

Before handling any circuit card, put on an ESD wrist strap and plug it in. Make sure the Sentinel itself is grounded or the ESD strap won't do any good. Never put circuit cards down on metal. Lay them down on an ESD mat or place them in an antistatic pouch.



Wear ESD strap when handling circuit cards



NSN 4940-01-253-5368 BRINGS AN ESD KIT WITH TWO WRIST STRAPS, A GROUNDING CORD, MAT, THREE ANTISTATIC POUCHES AND THREE BARRIER BAGS.

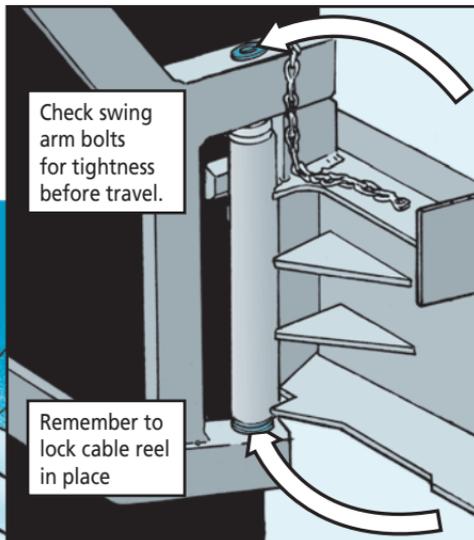
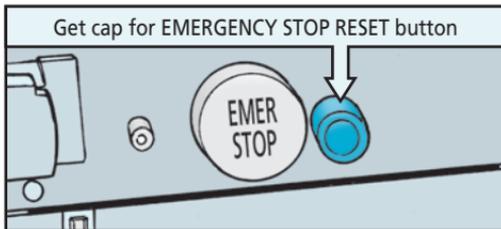
Get a cap for the EMERGENCY STOP RESET button.

The button has a housing that traps dirt and sand. If the buildup is bad enough, the button stops working. Order the cap with PN 40215A746 through your contractor support.

Check the bolts for the cable reel swing arm before travel.

Only two bolts hold the arm and if they become loose, the 200-lb cable reel can go rolling off.

MAKE SURE BOTH BOLTS ARE TIGHT AND THAT THE REEL ITSELF IS LOCKED IN PLACE SO IT DOESN'T SWING BACK AND FORTH.



Fight sand. Sand causes abrasions and other problems for the Sentinel's electronic components. The Sentinel compartment doors have an electromagnetic interference seal around each door. That means you can't add weather stripping to the doors to help keep out sand without hurting the EMI shield, which protects the crew from RF energy.

What you can do to fight the sand is keep the compartment doors closed as much as possible and wipe the compartments clean. In the desert, do that daily. And check the air filters daily in the desert, too. They can clog up fast.

