

LOOKS LIKE THE MISSILE SYSTEM IS ACTING SCREWY!



FIXING THE DOOR CHAIN PROBLEM

I THINK THE CHAIN SHORTED OUT THE MISSILE SYSTEM AGAIN!

WELL, WE DON'T HAVE TO WORRY ABOUT THAT ANYMORE.

LOOK WHAT I FOUND IN PS MAGAZINE!

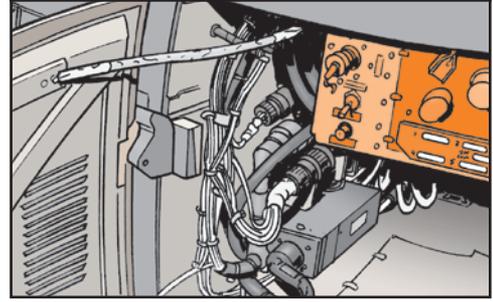
ALL WE HAVE TO DO IS APPLY SOME POLYURETHANE TO THE CMWS CONNECTIONS AND WE'RE BACK IN BUSINESS!



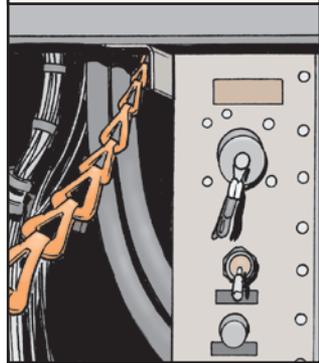
Arms, electrical and avionics repairers, the Kiowa Warrior aft avionics door chain has caused problems for the common missile warning system (CMWS) and in some cases the aircraft itself.

While the aircraft is in flight, the door chain can accidentally contact exposed CMWS circuit breaker connections behind the CMWS panel. When that happens, it causes electrical shorts that burn out the CMWS wiring.

Connections are behind CMWS circuit breaker panel



Metal chain can cause electrical short upon contact with exposed circuit breaker connections



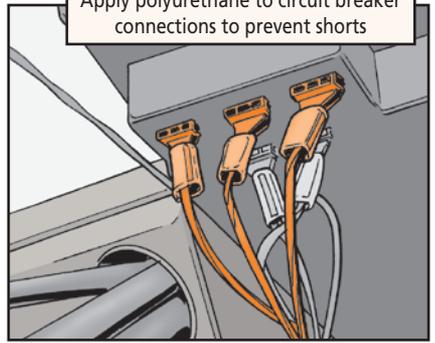
As a temporary fix, some repairmen have resorted to applying heat shrink tubing to the chain to prevent metal-to-metal contact with the circuit breaker wiring. That's not needed anymore.

So here's the solution. Instead of applying heat shrink tubing to the chain, follow the instructions in TB 1-1520-248-20-86, *Temporary Application of Polyurethane Removable Sealant to CMWS Circuit Breaker Wire Connections for All OH-58D Aircraft*. The fix involves applying polyurethane removable sealant, NSN 8030-01-577-8134, to the exposed CMWS circuit breaker wire connections using a dispenser, NSN 5120-01-494-7678. Applying sealant to the circuit breaker wire connections prevents shorts from the door chain.

TB 1-1520-248-20-86 gives you all the materials and detailed instructions to prep your aircraft before applying the sealant. For your safety, make sure you pay close attention to the warnings, cautions and notes.

Make a note that this fix will be added to an upcoming revision to MWO 1-1520-248-50-24, *Modification Instructions for the Installation of Common Missile Warning System (CMWS)*.

Apply polyurethane to circuit breaker connections to prevent shorts

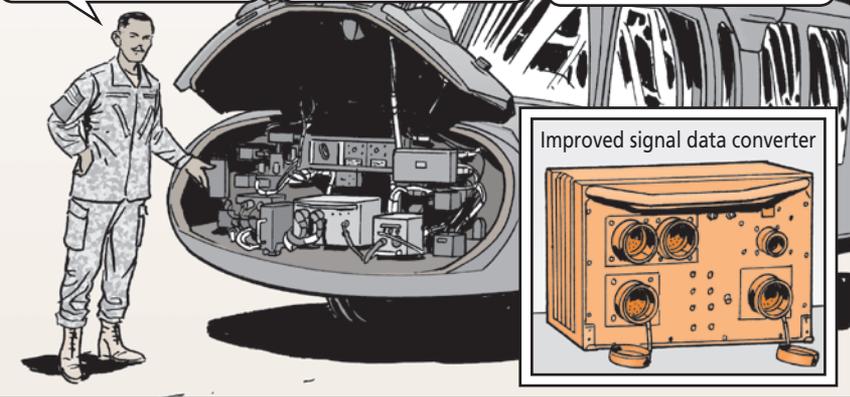


RETURN IMPROVED SIGNAL DATA CONVERTERS

MECHANICS, THE CECOM HEADSHED HAS A LIMITED SUPPLY OF SERVICEABLE IMPROVED SIGNAL DATA CONVERTERS, NSN 5895-01-577-5425 (PN MB503A-00).

TO HELP THEM OUT, RETURN ALL UNSERVICEABLE IMPROVED SIGNAL DATA CONVERTERS THROUGH NORMAL SUPPLY CHANNELS TO CECOM FOR REPAIR.

IF YOU HAVE QUESTIONS, CONTACT THE ITEM MANAGER, DANIELLE ZAMBRANO, AT (443) 395-1426 OR EMAIL: danielle.i.zambrano.civ@mail.mil



Improved signal data converter