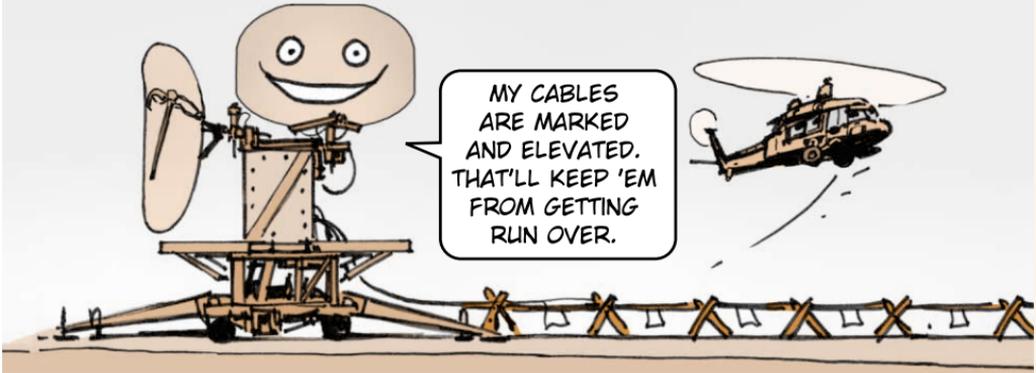


PROTECT ALL CABLES



Air traffic controllers, if your AN/TPN-18A radar is having power problems, check its weakest link—the power and data cables.

These cables are at the mercy of the elements, vehicles and airfield mowers.

When you set up your radar, protect its cables from vehicle tracks and mower blades and wheels. They can crush or cut delicate cable wires and knock out your radar.

A good rule of thumb to protect the cables is to elevate them above ground about 6 inches and mark 'em with white cloth or tape. Always separate the power cable from the others to prevent video interference. An easy way to get cables off the ground is to lay 'em on crossed tent stakes that are nailed or tied together. Then, tie the cables securely to the stakes with cable ties or engineer tape, remembering to tie the power cable off by itself.

Next, make sure the cables are greased with silicone compound, NSN 6850-00-295-7685. That'll keep bad weather from cracking, fraying and dry rotting the insulation.

Of course, always follow the good PM words in the AN/TPN-18's TM 11-5840-281-12-1.

