Safeguarding Your Avionics
Some helpful tips on maintaining your avionics investment.

Prolonging the life of your avionics

✓ Use sun shields consistently, or cockpit covers to reduce heat damage.
✓ Install a cooling fan. Outside forced air cooling is not recommended.
✓ Request your mechanic to keep control cables tight and dry for autopilot response.
✓ Conserve the use of the radar but test each flight (magnetron is life-limited).
✓ Turn radar off for landing.
✓ Ensure aircraft voltage is within limits.
✓ Keep antennas clean and free of corrosion.
✓ Keep vacuum system filters clean.
✓ Keep microphone/headset plugs clean.
✓ Keep airframe static wicks and bonding straps in good condition.
✓ Use avionics master to power avionics instead of individual unit on/off controls.
✓ Exercise autopilot motors and clutches at least once a month while on the ground.

Preventing Avionics Theft

✓ Lock your aircraft when you park.
✓ Installing deadbolt locks with pickproof tumblers on all cabin doors reduces the likelihood of locks being picked or broken.
✓ Do not leave the log books in the aircraft.
✓ Take photos of the aircraft inside and out, especially the instrument panel. Update photos as panel changes.
✓ Keep a list of your serial numbers along with the photos.
✓ Mark the face of your avionics with a distinctive scratch or dab of paint, and check before each flight to prevent “swapping” of avionics between aircraft.
✓ Cockpit covers and sun shields reduce “prying” eyes from seeing your avionics.
✓ Report suspicious activity to the authorities.
✓ Check used equipment serial numbers with the national avionics theft clearing house.

Created by the Aircraft Electronics Association’s Avionics Advisory Board. • www.aae.net
Aviation Crime Prevention Institute, Inc. (ACPI)
P.O. Box 30 • Hagerstown, MD 21741-0030
(800) 969-5473 or (301) 991-2817
www.acpi.org