The Infamous 10 Hour Magellan Triton Battery Lifetime Tests.

The results are in. It is sure nice to have five T500's to run experiments on.

Batteries used were POWER 2000 2750 mAH AA. Batteries were recycled three times before test.

Settings for the T500's were:
All three profiles hiking, marine and geocache were set to:
Backlight Level OFF
Backlight Timer OFF
Map Detail MEDIUM
Waypoint Names ON
Place Names ON
Trail Lines ON
Position Destination ON
Compass ON
Barometer ON
GPS Fix ON
Alarm Volume LOW (Does not work anyway)
Beeper Volume MEDIUM
Beeper Mode ALARM
Anchor OFF
Course OFF
Low Battery ON

Tracks were set as follows:
Display ALWAYS ON
Logging Mode was: Distance // 50 feet

<u>Results:</u>
Battery Drain was 245 ma/hr. Lifetime was approx. 11:20 hours. Same results for 2 units.

We ran four of the units in a vehicle all over our town at an speeds up to 40MPH. The units tracked perfectly. I saw somewhere that the units could track up to speeds of 954MPH. Next time I fly I will try this experiment if I can get a signal through the fuselage.

One unit we left with the backlight on and the battery drain went to 445+ ma/hr.

So the T500 can get over 10 hours if you shut off your backlights and necessary timers and if you use high capacity rechargeable batteries.

We did not test on AA alkaline because our batteries only had a capacity of 1300 - 1500 mAH's so the answer as to time could be easily approximated.

Jungle Ghost ...