

**USE THE RIGHT
GPS BATTERY!**



Dear Editor,

I am an ILS manager for the long range scout surveillance system (LRAS3) AN/TAS-8(V)1 & (V)2. I need to get the word out to units using LRAS3 systems that there is one, *and only one*, battery to use to maintain the GPS crypto data when the system is off. That battery is the non-rechargeable, BA-5372/U, NSN 6135-01-214-6441.

Some of you are trying to use a regular 3V lithium ion battery. *This battery does not work!* The right battery has reverse polarity. The positive end of the battery is flat and the negative end is pointed.

If you use the wrong battery, you will damage the system and lose the GPS data when no power is being applied to the sight sensor. This means the crypto load in the GPS is lost. Without crypto, the GPS system cannot transition to the precise positioning service, resulting in reduced GPS and target location accuracy.

So, all operators, maintainers, warrants and sensor LARs, make sure there are plenty of BA-5372/U batteries on hand for each LRAS3 and that everyone involved in switching out an LRAS3 battery knows not to use a different 3V lithium ion.

Robert E. Youngblood
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Editor's note: As always, Robert, you have good, absolutely need-to-know info for LRAS3 users. Users, find a way to make reading this info a permanent part of the backup battery replacement routine.