HAWKER® Headlines

Spring 2014 edition

Quick Tips!

Spring into action as the weather heats up…

Winter was exceptionally tough across the U.S. , and that means your batteries, like you, were exposed to very cold temps. Now, with the temps heating up, **so too will your batteries CCAs**…so expect them to be higher. But, be cautious of the following effects:

- Increase in battery self-discharge rate
- Lower voltage
- Shortened life

To mitigate any undesired effects…monitor your batteries and keep them at a full state of charge! For a **Hawker® Armasafe Plus™, that's 12.9V & 1225 CCAs** (minimum).

Answer to question from last issue:

Is a voltmeter or multi-meter sufficient to test and evaluate a battery? Well, yes & no! If battery voltage is less than the install spec…then you know you need to recharge. *But, what if the voltage is at or above the spec?* **Do you know if the battery actually has the necessary CCAs?** Uhm, you do not!!! You see, batteries can have voltage with no CCAs…but not the other way around. Therefore, a voltmeter or multi-meter is only a good "first check". If you have a **battery conductance analyzer** (image left)…you can **check both volts and CCAs…with one tool!!!**

Did you know:

There are U.S. Army charging procedures for your ***Hawker® Armasafe Plus™*** *batteries?*

Reference: U.S. Army TB 9-6140-252-13

Characteristic	Single 12 volt battery	24 volt battery or 12 volt series	Buss Bar (12 volt batteries)
Type	Constant voltage output (constant current chargers not recommended)		
Connector	Alligator or NATO slave connector		
Min Voltage[2]	NLT 14.4 VDC	NLT 28.8 VDC	NLT 14.7 VDC
Max Voltage[2]	NMT 15.0 VDC	NMT 30.0 VDC	NMT 15.2 VDC
Min Amps	NLT 10 amps	NLT 5 amps per battery	NLT 10 amps per battery
Charge complete	amp meter at 1 amp or less for 3 hrs or more	1/2 amp per battery for 3 hrs or more (e.g., if 4 batteries, amp meter reading should be 2 amps or less)	amp meter at 1 amp or less for 3 hrs or more (e.g., if 12 batteries on a buss, amp meter reading should be 12 amps or less)

Training:

Tired of burning through batteries at the *cyclic rate???* Call your **Hawker® FSR** for **free Battery Maintenance and Recovery Training** (BMRT). It'll be the best call you make this spring!!!

Next Issue:
Is a load tester sufficient to test and evaluate a battery?

Questions?

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