

Battery Performance Test

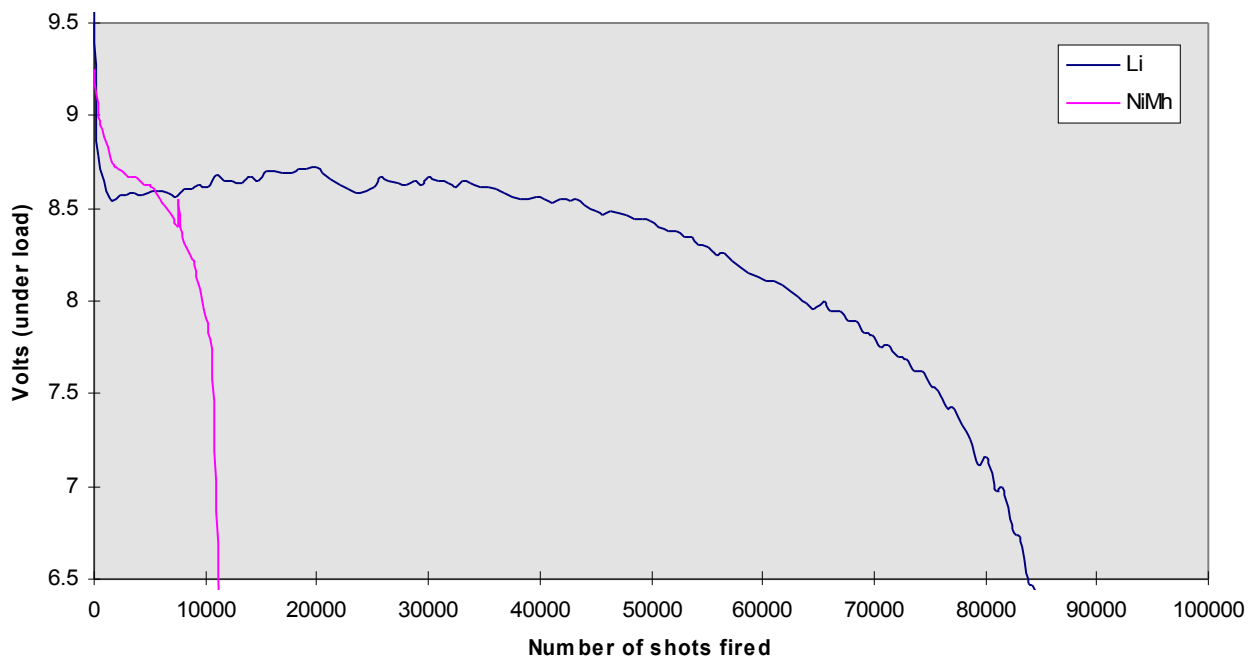
This test was carried out to check the performance of the battery supplied with the RMFTC stock. It was done under more onerous conditions than would occur in normal use.

Specifically the shots were fired at a rate of one shot per minute, and the deadman switch was permanently closed.

This firing rate is the slowest which could practically be used in a competition (twenty shots in twenty minutes). At twelve shots per minute firing rate, almost twice as many shots may be fired before the battery goes flat.

With the deadman switch closed power consumption is increased 20-30%. In normal use it would not be possible to keep the switch permanently closed, since your hand (which closes the switch when it is around the grip) must be taken off the grip in order to load the rifle.

Li battery, 1 shot/minute, 3i2 circuit



Li - the supplied battery, has a shelf life of 10 years.

NiMh - a rechargeable battery for comparison, however they do have a self discharge characteristic.

Dependant on setup occasional "misfires" start to occur between 5.0-6.0 Volts, these are overcome by refiring the shot (do not recock the bolt, simply aim, hold and fire) since the sears will have moved slightly and "stuck". The unit will work down to 3.0 Volts!

It is recommended that the battery is replaced before it goes below 7.0 Volts.

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