

Voltage Regulators...

YOUR NOSE KNOWS

First it's kablooy and then it's kaput! Now your battery's gone and your bird's in a world-of-hurt.

Why?

A poorly adjusted voltage regulator.

Para 3-4c of TM 11-6140-203-14-2, the Aircraft Nickel-Cadmium Battery manual, gives the word on checking your regulator.

Para 3-281 of TM 55-1500-204-25/1, the General Aircraft Maintenance manual, and your bird's TM, gives the specifics on how to adjust your regulator.

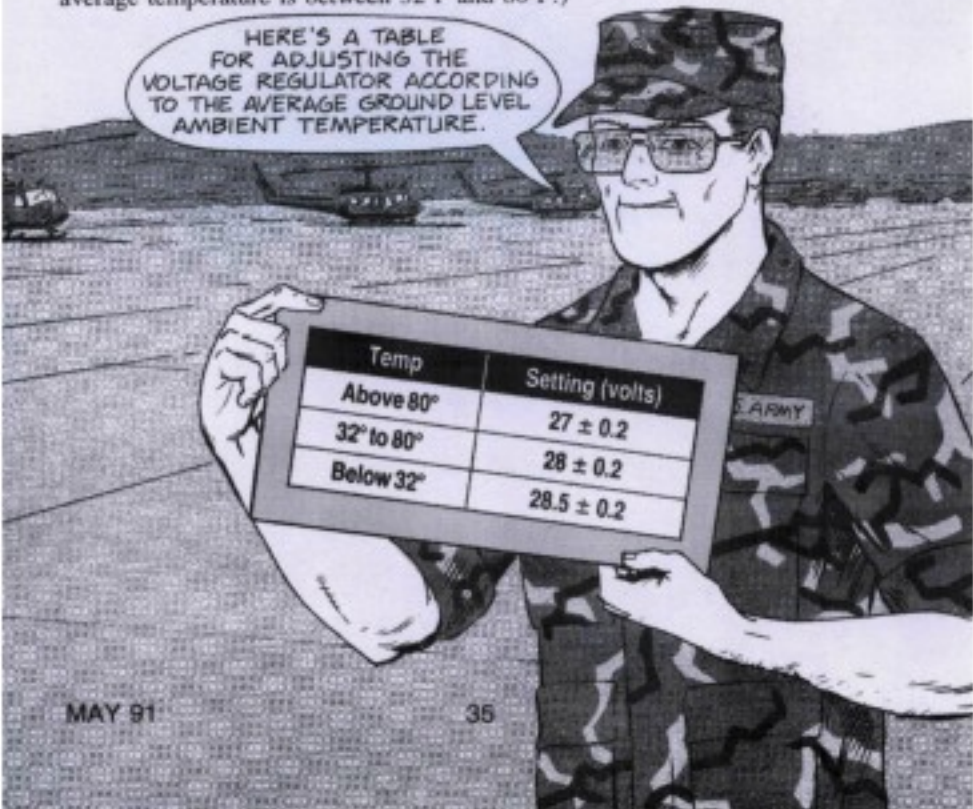
And your nose will tell you where to set the adjustment.

If your nose has an icicle dangling on it for a week, set the regulator on 28.5 ± 0.2 . (That will mean the average weekly ground ambient temperature is 32°F or below.)

If your nose gets badly sunburned for a week, set the regulator on 27 ± 0.2 . (That means the average temperature is 80°F or above.)

If your nose gives no signals, keep the setting at 28 ± 0.2 . (That means the average temperature is between 32°F and 80°F .)

HERE'S A TABLE FOR ADJUSTING THE VOLTAGE REGULATOR ACCORDING TO THE AVERAGE GROUND LEVEL AMBIENT TEMPERATURE.



Temp	Setting (volts)
Above 80°	27 ± 0.2
32° to 80°	28 ± 0.2
Below 32°	28.5 ± 0.2