

UH-1...

Double Check the Voltage

Dear Windy,
 Our UH-1's have solid state voltage regulators with color-coded outlets for checking voltage output. So why is it necessary to check voltage at the essential bus, too, like it says in TM 55-1500-204-25/1? P.B.M.

OUR HUEY HAS A VOLTAGE REGULATOR SO WHY CHECK VOLTAGE AT THE ESSENTIAL BUS?

Dear P.B.M.,
 It may seem like a duplication of effort to check voltage output at both places, but it's really not. Measurements made at the voltage regulator do not include voltage losses due to line and connection resistance between the DC generator and the essential bus.

Check voltage output at regulator and at the essential bus

In most cases, the loss is negligible, but if you have a poor connection or a broken wire, you'll get less voltage at the essential bus. So always check the voltage at both places using the measurement procedures in TM 55-1500-204-25/1.

Windy

