



www.PerihelionDesign.com



Eric M. Jones <http://www.PerihelionDesign.com/>
113 Brentwood Drive
Southbridge MA 01550-2705
508-764-2072 emjones@charter.net

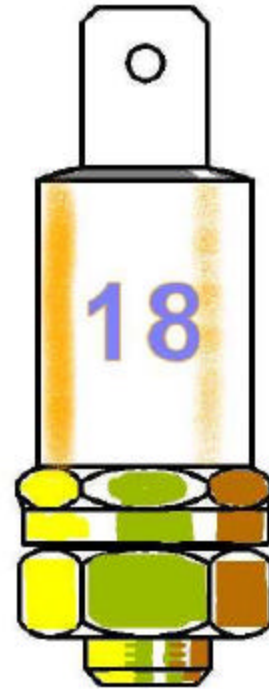
WhackJack™ does absolutely nothing—most of the time!

"The aircraft must be protected against catastrophic effects of lightning." *U.S. Federal Aviation Regulation - FAR 25.581*. On the average, commercial aircraft are struck by lightning once per year. And while experimental aircraft do not have to comply with this regulation, it seems an awfully good idea to take some precautions. With the many different types of home-built aircraft construction, this is difficult to accomplish. An official lightning certification would cost more than your airplane.

But a far more common killer of airplane electronics is "Load Dump". This happens when you simply turn OFF a large load. The alternator field has been cranked up and suddenly there is no need for the excess power. This problem takes 10 to 500mS to settle itself but in the meantime the power busses have 60 Volts or more on them.

So why buy this if your electronics already have MOVs? In aircraft, transient protection devices subjected to electrical transients such as MOVs foil and electrolytic capacitors and the insulation itself have finite lifetimes. The "WhackJack™" will tremendously extend these lifetimes and will save your expensive electronics.

So what makes sense? *Here's what—*



Basic Specifications:

Body: 0.625" X 1.25"

Weight: About 1/2 ounce (14 g)

Mounting: Connectors: 1/4-28 stud 1/4" Faston Tab
For 14.5 V aircraft voltage

US\$29.50

Shipping Free to Can-US-Mex-Foreign USPS at cost.
Paypal internet payment preferred

FOR EXPERIMENTAL AIRCRAFT USE ONLY.

