

# Re: Inverter Repair. WOO HOO!

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- *From:* "Michael Kennedy" <Mikek400@xxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Mon, 24 Apr 2006 15:41:14 -0400
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I think I fixed it!!! I think you were right about a capacitor shorting, just not the one we thought..

Anyway I was at the surplus store today and bought 2 18pF 3kv caps and replaced both output caps on the inverter board. I replaced the one on the "bad" side of the board first to no avail.. I then thought why not replace the one on the "good" side and I did and it turned on..

My only regret is ordering the 22pF caps from mouser that I no longer need.. :) oh well you live you learn.. I'll classify this as an education expense.. It doesn't come anywhere what my tuition for school is and is way more fun..

I probably couldn't have fixed this without the help of Dave, lsmartino, and Afra Dailey.. Thanks everybody..

Just hopefully I havn't spoken too soon.. :-)

- Mike

"Michael Kennedy" <Mikek400@xxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:LqWdnXjaVLIkYNbZRVn-qA@xxxxxxxxxxxxxx>

What worries me is the 1kv rating of the substitute cap... try to get one of 2kv at least, and repeat the tests.

Probably the 1kv cap is shorting under load.

hmm.. Cap shorting.. Well I'm not blowing fuses anymore but that does sound quite possible. I guess I'm going to have to order one since skycraft doesn't have any in stock.

- Mike