
From: Jeffrey Epstein <jeevacation@gmail.com>
Sent: Tuesday, November 26, 2013 10:32 PM
To: Eric Roth
Subject: Re:

but someone decided that we didn't have enough power

On Tu=, Nov 26, 2013 at 6:22 PM, Eric Roth <[REDACTED] wr=te:

I was not implying=that you did not know (Larry is cc'd on these e-mails).

I do not know, we do not have yo=r electrical load analysis book.

ERIC H. ROTH =span style="font-size:9.0pt;font-family:"Arial","sans-ser=f";color:#644e39"> | PRESIDENT

[REDACTED]
<<http://www.facebook.com/in=ljet>>

2221 Smithtown Avenue, Lon= Island MacArthur Airport, Ronkonkoma, New York 11779=/p>

From: Jeffrey =pstein [mailto:=eevacation@gmail.com <mailto:jeevacation@gmail.com>]
Sent: Tuesday, November 26, 2013 5:13 PM
To: Eric Roth; lv=et
Subject: Re:

i am well aware of th= diffrence betwenn ac and dc conversion, you say that there was not =nough ac power for a residential system what i asked was what pow=r there was in re 100 60 hz

=u>

On Tue, Nov 26, 2013 at 6:00 PM, Eri= Roth <[REDACTED]<mailto:[REDACTED]>> wrote:

Jeffrey -<=p>

Because we do not have your electrical lo=d analysis book. We did look into this early on and we identified that =here was not enough 110Vac 60 hz power to support a “residential” audi= system and that an inverter would need to be installed.<=u>

Please do not confuse 28V powe=, 12 volt (13.8vdc) power and 110V, 60 hz power.

On the other hand, you do have approximatel= 68 amps of 28 v power available from the aircraft side. This power is =converted to 13.8 v (car audio capable) through the Ameriking aircraft conv=rters.\

Each of the two (2) converters installed require 30 am=s each (60 amps total), so in theory, you have approximately 8 amps surplu= of 28vDC power as overage.

So here's how it works:

<=>

68 amps of 28vDC available on the aircraf= supply side

=/span>

Two (2) 28vDC to 13.8vDC converters are i=stalled to provide power for the car audio amplifiers. Each of these co=verters require 30 amps 28vDC on the input side to produce 40 amps of 13.8=DC on the output side.

The result is that the two (2) aircraft converters are=sized correctly for the existing power that the aircraft has available.

Each of these converters will provide approximately 55= watts of car audio power (13.8vDC), therefore the "600 watt" car audi= will only clip at full gain, maximum draw.

DC amps to watts calculation

The power P in watts (W) is equ=l to the current I in amps (A), times the voltage V in volts=(V):

$$P(W) = I(A) \times V(V) <=sub>$$

ERIC H. ROTH | PRESIDENT

<mailto:[REDACTED] /> www.intljet.com <http://www.intljet.com/> <http:[REDACTED]

not sure why the 11= watt number is still a mystery, , i thought we had it at our finger=ips as it was the limiting factor.

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im still wai

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