

To: jeevacation@gmail.com[jeevacation@gmail.com]
Cc: [REDACTED]
From: [REDACTED]
Sent: Thur 6/10/2010 8:51:50 PM
Subject: inverter bus

Jeffrey,
this is what I have so far,
the Facts:

-Instrument inverter bus light is flickering during flight
-normal system operation is "A" inverter (2500va) powers, "Main Inverter BUS", and Main inverter "bus" powers Instrument Inverter BUS with a back up of small E inverter (only 500va),
-there is one relay that I see in the schematic that controls switch ology for the MAIN INVERTER BUS to the INSTRUMENT INVERTER BUS, since its the INST INV BUS is flashing now, I think the culprit is the "INSTRUMENT BUS CONTROL RELAY" this is the only relay that comes between Main inverter bus power and the Instrument INV BUS, " A" inverter is powering the MAIN bus, plus powers INST INV BUS, with a back up power for INST INV BUS is "E" inverter, the only thing to cause this instrument bus to flash would be an A inverter problem, but that would cause the MAIN INVERTER BUS to flicker also, I'm only getting the INSTRUMENT BUS light flickering, so I think its the INSTRUMENT BUS CONTROL RELAY this time.

Meridean Avionics and Gulfstream Tech agree with my logic so far,,,

I plan to address this temporary item in Florida

thanks

Larry

-