



The Devil is in the Details: A look inside Panoptic's tireless commitment to the minutia

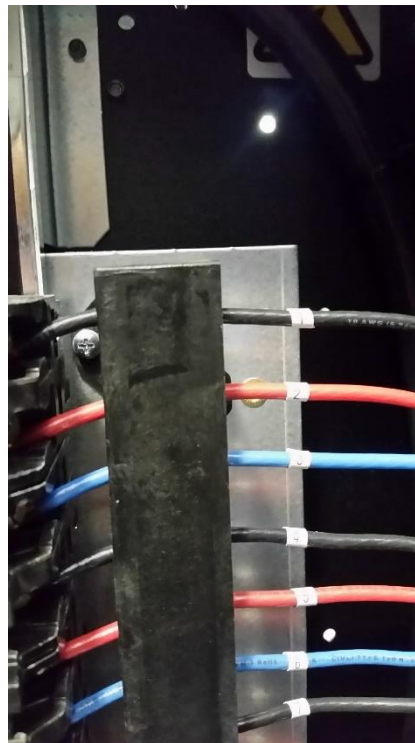
Working as an aircraft electrical-environmental system craftsman in the United States Air Force, I was frequently called on to troubleshoot and repair mission-critical systems. From my earliest days as an apprentice all the way all the way until my final day of service as a craftsman, each aircraft repair reinforced in me the importance of eagle-eye precision and proactive maintenance.

Never were these qualities more vital to me than during my deployments to Iraq. Back in the US, a loose wire or an inoperative power relay would have meant a cancelled training mission or a delayed flight. In a combat zone, a single broken wire left unnoticed meant failed troop movements or even life-or-death consequences.

While launching a C-130 out of Baghdad International Airport, the pilot signaled that there was something wrong: the right main landing gear wasn't signaling in the down position. Upon close inspection, I discovered a frayed wire with several broken strands. That single damaged wire wasn't making a reliable ground for the system, and compromised the landing capability of the aircraft. Had the pilot taken off, the wire would have certainly broken and the landing gear would not have lowered for his next landing. Mission effectiveness, not to

mention human lives, depended upon discovering that frayed wire.

Throughout the years, I have identified countless major problems that sprung from small beginnings. A 7-amp circuit breaker in place of a 5-amp circuit breaker caused a cockpit electrical fire. The wrong size terminal lug on a wire no bigger than spaghetti once stalled an engine and caused an emergency landing. A missing steel washer allowed a voltage regulator to vibrate loose and disable the main power system,



which cancelled that particular mission.

Working on aircraft electrical systems viscerally showed me just how much the devil is in the details. As a flight line specialist and an inspection team leader, I performed and trained others to perform thorough maintenance, and I am thrilled to find the same quality of work present at Panoptic Solutions LLC.

In under two weeks, I cultivated a professional bond with my colleagues because everyone worked with integrity and the kind of competence that existed in aviation. I rest assured knowing that our productivity would result in a safer industry that our clients could rely on for maximum performance and longevity. Panoptic Solutions uses state-of-the-art tools and advanced methods for detecting electrical faults before they become destructive and expensive. Our inspections verify each wire, termination, and relay to catch any possibility that might lead to a malfunction. Our thermographic imaging exposes all system issues and electrical spikes, better than monitoring systems or the naked eye could ever reveal.

I am thrilled to be a part of such a worthwhile mission, and fortunate to have found an integral organization to which I can bring my skills and experience.

--Chris Homan

Panoptic Solutions LLC
"Intelligence, Ability, Diligence"

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