



The Impossible Install, part 1

Have you ever had to do something where you got so frustrated that you gave up and said to yourself it was impossible? Did you give up? Or did you continue pushing on through it to solve the problem?

I'm sure we have all been there at some point in our lives. It's far too easy sometimes to give up and throw our hands up into the air when we get frustrated and upset at a situation we can't solve.

I recently had one such situation, here at AWA's HQ, on an obscure install with a navigational radio

system in one of our angel flight aircraft. I was installing two things: 1. a navigational radio, and 2. a display for the navigational radio called a CDI, or, *Course Deviation Indicator*. Pilots can use these radios and displays to navigate radio stations and to airports across the world. My job was to install the entire system and get the new display to read out information from the new nav radio. What seemed like an easy job at first turned out to be a complete nightmare!

I had been through all the trouble shooting in the manual. I talked to several avionics install places. Not one had installed the specific radio components



that I was currently installing. I double checked my wiring at least three or more times to make sure everything was right, yet still there was no success in getting the nav radio to display properly on the CDI.

I sent the radio back to the manufacturer and wouldn't you know it—it had a bad receiver! So the part of the radio that receives the radio signal was actually bad. *What an object lesson when you consider the part in us that's to receive signals from heaven is non functional and needs replacing. We need a new mind and new heart; to be "at-one-ment" with God.*

A bad receiver. Surely this had to have been the culprit behind all my headaches and problems with the system... Once the radio came back from repair, I installed it, fully expecting the system to come to life and have everything working as it should. The suspense was killing me! I quickly installed the radio, hooked up my test equipment and powered the system on... **No!** The **same** exact problem as before! The CDI was still not displaying the navigational data from the radio properly, and now, it was even worse. My head lowered. My shoulders wilted in despair. I mentally signed off from the whole thing. It was clearly an impossible feat. *Or was it?*

The nav radio obviously wasn't the problem, it was in working order with a fresh repair and test

by the manufacturer. I was then encouraged to call the manufacturer of the CDI this time. *Why?* I didn't want to do it, because in my mind I had tried everything and even the experienced techs and manufacturer of the nav radio were just as confused as to why it was not working. *Why? Why call?* So with much prayer and one last, "Hurrah," I called up the manufacturer of the CDI (Sandia Aviation) and we set up an appointment with the engineer that designed the gauge.

There is something to be said of setting up an appointment, daily, with the Engineer that designed us and our "gauges." Sometimes we just can't figure out that deep issue inside, can't put it into words, but our Heavenly Engineer, well, He wrote the manual, and He knows just what it will take to restore proper function.

Tune in next month for the conclusion of the dilemma and further "lessons learned."

Thank you for your prayers and support!

Until next month!

The Stevenson Family



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