

# Before & AFTER

INSTALLATIONS/REPAIRS & MORE



Century Avionics had to remove the complete instrument panel for the installation.

## Century Avionics

centuryavionics.co.za • Lanseria International Airport, South Africa

**Number of employees:** 40

**Installers/technicians involved with the project:**

- Clinton Farla (installations manager)
- Eddie Ferreira (installations technician)
- Jimmy Ferreira (installations technician)
- Shane Somerville (lead sales representative)

**Aircraft Type:** King Air 200

**What was the objective of the project?**

The aircraft is mainly used for medivac in Africa. The primary objective was to remove the analog, steam-driven gauges and install a more-reliable, solid-

state glass cockpit for better situational awareness, reliability and minimized downtime.

**What date was the project started?**

Jan. 31, 2017

**What date was the project completed?**

March 24, 2017

**What makes this installation unique?**

We removed the complete instrument panel for the installation, which gave us access to all the old wiring behind the instrument panel. We removed the unneeded wiring and reorganized the rest. The integration between the Garmin G600, L3 ESI-500 and the S-TEC

2100 Autopilot was a first for Century Avionics.

**Did you encounter any problems while working on the project?**

The customer opted to retain the analog gauges on the co-pilot side, which made the integration of the new avionics to the analog gauges time-consuming.

**How did you resolve these problems?**

By ensuring that each installation team member was aware of the daily objective, achievable time lines were set and met. Planning is an essential part of any project. Our staff takes pride in executing the plan and adapting to any challenge in a professional manner. The customer was kept up-to-date weekly with progress emails and pictures.

**What did you learn from the project?**

Century Avionics is always up for a new challenge.

**What was the customer's response?**

The customer was excited by the gained functionality and situational awareness and blown away by the finished product. □



A more-reliable, solid-state glass cockpit was installed for better situational awareness, reliability and minimized downtime.