



B214ST Field Repair

As one of the largest owners and operators of the Bell 214ST airframe, Erickson is well positioned to provide exceptional mechanical support to the repair station. Even deep within the remote regions of Sub-Saharan Africa, Erickson's crew of experienced mechanics was able to perform sophisticated support to the legacy aircraft.

A routine field inspection revealed a crack in the engine deck – likely due to regular flight vibration – the aircraft was grounded, and Erickson's crew of mechanicals was put into action. A repair of this nature would typically require mobilizing the aircraft to a certified maintenance center, where it could be dismantled in a secured hangar and lifted into an aircraft jig. Yet, while working in rugged and distant environments, down time on a critical flight schedule is not an option. Accordingly, Erickson crews are regularly equipped for repairs in the field.

In this situation, the mechanical team communicated with Erickson's stateside operations to engineer a mobile aircraft jig that could keep the frame aligned during repair. Engineers within Erickson's Manufacturing and MRO facilities replicated the hangar's permanent, full-size jig, into something that could be broken down and transported halfway around the globe. The result, thanks to Erickson's global supply chain and logistical support, allowed mechanics in the field to reassemble the jig, and repair the aircraft properly.

The ingenuity behind this repair, teamed with Erickson's organic engineering and fabrication capabilities, saved hundreds of thousands of dollars in transportation costs and allowed a much-needed asset to remain in theater. It easily saved the customer significant down time.



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