

Getting it Airborne

remote data logging of aircraft

test & measurement

custom electronics
engineering software
data management

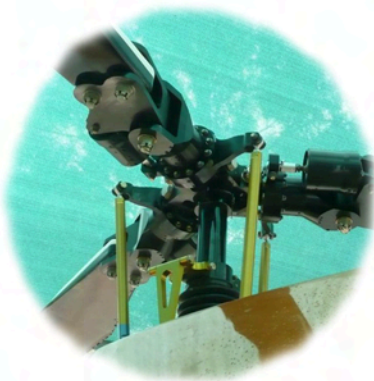


defence & aerospace

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Challenge

CPE were commissioned by Delta Helicopters to develop a method of recording the strain placed on helicopter main and tail rotor blades during operation. These readings were required to be taken and recorded without the need of complex slip-ring hardware, and at a reasonable cost.

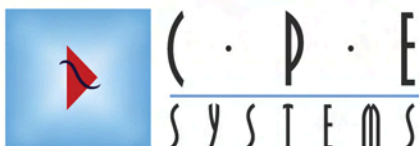


Solution

CPE Systems provided a solution utilising the NI WLS-9237 to record the strain readings, and a NI ENET-9215 to record sensor information. The data was recorded directly to a notebook computer within the helicopter using Signal Express.

CPE staff worked closely with the Delta Helicopter Engineers to install the equipment and to record and analyse the data.

CPE are continuing to work with Delta Helicopter to provide additional support during the initial test flights of this world first Diesel Powered, Australian Designed Helicopter.



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