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Rolls-Royce

To Whom It May Concern:

I am a Senior Project Engineer at Rolls-Royce Allison, presently working in our Industrial and Marine Product Line. As part of my responsibilities, I supervised the work of Larry Bryant, who was tasked with analyzing the 4-stage turbine rotor of our 501-K engine series. Of primary concern was a turbine rotor vibration problem which had remained unsolved despite the prior application of aggressive efforts, including the implementation of a "vibration team" assigned to resolve the problem. After approximately one year, the team was as of yet unable to resolve the problem. Some time afterwards, Larry and I joined the Industrial Product Line after having worked elsewhere in the company. As a result of ongoing customer concerns, I brought Larry's abilities to bear on the vibration problem. Within a matter of a couple months, Larry was able to develop a conclusive analysis that addressed the vibration problem. These results were independently verified at a customer overhaul facility, and showed the elimination of high rotor vibration.

In addition to the specifics identified above, Larry has proved himself as a highly motivated and fast working employee. Literally speaking, Larry performed analyses with accurate results at a rate of at least twice that of any analyst who had previously worked for me. Needless to say, this was quite a pleasure to me, as I was able to routinely budget work at a lower cost than had I been forced to use other analysts within the company. Typically, 1 man-month of Larry's effort would be the equivalent of 2-3 man-months' effort of most analysts.

I would strongly recommend Larry Bryant and United Contract Consultants, Inc., as the services provided were of the highest caliber. If you would like to discuss this matter in further detail, please feel free to contact me at (317) 230-3887.

Respectfully,


Paul C. Gosnell

Paul C. Gosnell
Senior Project Engineer
Industrial & Marine Engines

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