## THE PASSMORE LAW FIRM

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Via Fax: 405-433-2202

April 5,2005

Caleb Curry Radial Engines, Ltd. 9550 West Seward Road Guthrie, OK 73044

RE: Jacobs Engines Fuel Injection

## Dear Caleb:

I am pleased to report that Radial Engines appears to have found the Holy Grail. I have flown my new Radial Engines Fuel Injection installation for approximately 40 hours, and report that:

- 1. The engine makes more power at all altitudes, resulting in
  - a. Shorter take-off run,
  - b. Improved climb rate, and
  - c. Faster indicated air speeds at all altitudes
- 2. Fuel consumption is less at all altitudes,
- 3. Engine starts are very positive, typically first blade, and
- 4. The engine is marvelously smooth.

The most striking change resulting from the fuel injection is how incredibly smooth the engine is. When powering up for take-off, the sensation is much more akin to advancing the throttle on a turbine than a large recip.

When you and I first talked about doing the installation, you talked mostly about the fuel savings. At today's price of fuel, the amount of gas saved is not to be overlooked, but for me it is not a significant consideration in my evaluation. Rather, the silky smooth operating characteristics and improved performance in all configurations and at all altitudes make the reduced fuel bum the icing on the cake.

The magic question, of course, is whether I would do it again, knowing what I do now, i.e. after experiencing the difference. If asked, my answer would be an unqualified "yes."

Walter J. Passmore

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