

Biodiesel Makes Aviation History

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While the popular press has been concerned with murders, car crashes, and the unhappy news concerning mortgages, credit card crises, and the vulnerability of the American stock market, a very significant and happy event has occurred almost unnoticed. Without much fanfare, there has been a huge breakthrough that may significantly affect the Earth's environment and the American farmer in a very positive way.

On October 2, 2007, a military two place fighter jet named "BioJet I" took off from Reno-Stead Airport in Nevada and flew on 100 percent biodiesel fuel made from American grown Canola oil. Yes, I said 100 percent biodiesel! (With the addition of Technol B100 Cold Flow Improver.)

The civilian pilots, Carol Sugars and Douglas Rodante, did not seem to fully grasp what they had accomplished. **No jet had ever used any percentage of biodiesel.** No one dreamed it was even possible except Doug Rodante, the owner of the L-29 Czechoslovakian-made aircraft. The experimental test flights were conducted starting with a blend of jet fuel and biodiesel. The engine data was measured and the performance was evaluated and found acceptable for continued use, eventually resulting in the landmark flight using 100 percent renewable biodiesel fuel. According to Chief Pilot Carol Sugars, who wrote and conducted the test program, "As we gradually increased the amount of biodiesel in the fuel blend, the data confirmed that the aircraft continued to perform well, giving me the confidence to transition to 100 percent biodiesel."

Carol and Doug took the plane to 17,000 feet and flew around for about 45 minutes! **In the near future, the plane will be flown to Baylor University in Texas for further testing to confirm that biodiesel can be used to significantly reduce carbon emissions and have a positive influence on the environment and global warming.** With crops grown specifically for biodiesel production, we have the opportunity to reduce our dependence on foreign oil and also contribute to a cleaner environment. Could it get any better than this? Well yes — make your own family biodiesel with our proven FuelMeister II processor, or for your community with our 1,000 gallon per day Biodiesel Master.

Doctor Diesel is very proud to represent Biodiesel Solutions, who furnished the fuel, Technol Fuel Conditioners, Inc., who supplied the anti-gel additive, as well as Renewal Fuels, makers of the FuelMeister II.

By Chuck Cole, Doctor Diesel

