

[Skip to comments.](#)

## WORLD'S FIRST JET FLIGHT POWERED ENTIRELY ON RENEWABLE BIODIESEL FUEL

[www.greenflightinternational.com](http://www.greenflightinternational.com) ^ | 10/05/2007 | Staff

Posted on **October 17, 2007 8:12:41 AM EDT** by **[Red Badger](#)**

Green Flight International and Biodiesel Solutions

partner to set a new precedent in the use of renewable fuels in transportation.

RENO, NV. (October 5)... Aviation history was made earlier this week in the high desert at the Reno-Stead Airport when an L-29 military aircraft piloted by Carol Sugars and Douglas Rodante succeeded in completing the world's first jet flight powered solely by 100% biodiesel fuel. The Czechoslovakian-made aircraft is rated to fly on a variety of fuels including heating oil, making it the preferred platform for testing biodiesel in jet engines.

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% 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% biodiesel." Flight tests were conducted up to an altitude of 17,000 feet showing no significant difference in performance compared to conventional jet fuel.

"This test program between Green Flight International and Biodiesel Solutions was a unique and exciting opportunity to show what can be done in renewable fuels." said Rudi Wiedemann, president of Biodiesel Solutions. "The very idea of using 100% biodiesel to fly a jet aircraft makes a compelling statement about the possibilities for the future of renewable energy and a healthier planet."

Out of concern for our global environment, Green Flight International was conceived by Douglas Rodante in April 2006 to serve as a platform for future development in the use of environmentally-friendly fuels in aviation and elsewhere. "It is imperative that the global community take immediate steps to reduce our carbon footprint, because we can no longer afford to wait while our environment continues to degrade." said Rodante. "By implementing even a small amount of bio-degradable fuel in our transportation system we can significantly reduce the CO2 (greenhouse gasses) and NOx (the precursor to smog) that contribute to global warming."

In the near future Green Flight International expects to announce plans for another record-breaking aviation event. They invite aviation and biofuel enthusiasts to inquire about how they might be able to participate in this exciting venture. For more information contact Doug Rodante at (407) 880-2501 or [doug@greenflightinternational.com](mailto:doug@greenflightinternational.com).

---

**TOPICS:** [Business/Economy](#); [Miscellaneous](#); [News/Current Events](#)

**KEYWORDS:** [aviation](#); [biodiesel](#); [energy](#); [pollution](#)

Now Al Gore can fly green.....