



E-MAIL: cannon@cannoninstrument.com • WEB: www.cannoninstrument.com

| | | | |
|----------|---------------------------------------|---------|--|
| Date: | August 25, 2008 | Rev: | A |
| CONTACT: | Frank Saylor | Phone: | 814-353-8000 |
| | Vice President of Sales and Marketing | Fax: | 814-353-8007 |
| | | WEB: | www.cannoninstrument.com |
| | | E-MAIL: | cannon@cannoninstrument.com |

RE: **PRESS RELEASE—For Immediate Release**

CANNON® displays biodiesel powered go-kart at Penn State's Ag Progress Days Exposition.

ROCK SPRINGS, PA -- CANNON Instrument Company displays a go-kart manufactured by Cannon and powered by Penn State biodiesel at the Larson Agricultural Research Center during Ag Progress Days, Aug. 19-21.

CANNON is a local manufacturer of laboratory equipment which is used for the determination of fluid viscosity, flash point, and cloud point. These instruments are commonly used in petroleum and biofuels laboratories for testing the finished product before release to the market. The biodiesel go-kart was the idea of Patrick Maggi, engineer and President of CANNON. "I thought it would be an interesting project for our engineering team to work on – showcasing our engineering capabilities. Plus it serves as a



hands-on promotional tool for the emerging biofuels industry." The CANNON biodiesel go-kart basically is a heavily modified gasoline-powered model-T replica go-kart. The kart is now powered by a 5HP single-cylinder diesel engine which CANNON engineers fit inside just forward of the rear axle. Special modifications were made to the frame to fit the larger engine, to the drive system in order to handle the extra torque, as well as to the engine's fuel system so that it was compatible with the biodiesel. "This project wouldn't be too difficult for the average garage mechanic to undertake." The kart is a blast to drive and is presently running on a 33% blend of biodiesel derived from used soybean cooking oil made by the Penn State department of Chemical Engineering and petroleum diesel. Maggi envisions moving towards 100% biodiesel testing later this year after the engine gets a few more hours on it. The kart has a top speed of about 35 mph.

Ag Progress Days is Pennsylvania's largest outdoor agricultural exposition with more than 400 exhibitors expected this year. The event is sponsored by Penn State's College of Agricultural Sciences and held at the Larsen Agricultural Research Center and features more than 500 acres of educational and commercial exhibits, tours & machinery demonstrations. "Ag Energy: Harnessing the Potential" is the theme of exhibits to be showcased in the College of Agricultural Sciences Exhibits Building. The exhibits will feature special displays focusing on renewable energy and biofuels research.

.
.

###