



EAA Chapter 431 - Brodhead, Wis.
presents
AeroElectric Seminar
April 13-14, 2013

EAA Chapter 431 will host a weekend **AeroElectric Connection** seminar which will cover design, fabrication, troubleshooting and maintenance of homebuilt aircraft electrical systems. The AeroElectric Connection seminars are conducted by **Mr. Bob Nuckolls**, engineer, teacher, author and publisher of Electrical Systems Information Texts for Amateur Airplane Builders.

The seminar will be held in the EAA Chapter 431 building at **Brodhead Airport (C37)**.

The fee for the weekend seminar is **\$150** per person. EAA Chapter 431 has underwritten \$35 of the normal \$185 seminar fee as an incentive to area homebuilders.

Schedule For Saturday, April 13:

8:30 - 11:30 morning session:

- Parts Selection
- Failure Mode Effects Analysis
- DC Power Fundamentals
- Batteries
- Engine Driven Power Sources
- Voltage Regulators
- Grounding
- Over Voltage Protection
- Electrical System Instrumentation

Saturday Schedule cont.

12:30-5:00 Afternoon Session

- Wire Selection and Installation
- Wire Termination and Connectors
- Circuit Protection
- Switches Relays and Contactors
- Lighting and Lighting Controls
- Antennas and Feedlines
- Engine Instrumentation

Schedule For Sunday, April 14:

8:00-12:00 morning session:

- Noise - Antagonist, propagation paths and victims
- Tools, Wiring Techniques and Parts Selection
- Hands-on demonstrations of useful crimp tools and soldering techniques.

Registration will be capped at 25 participants.

To register or for more information, visit:

www.eaa431.org

Information about area lodging is available on our website as well.

