

Lake-Geauga Helicopter Association

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Flybarless Rotor

Realism and a sense of simplicity have sprouted up the popularity of flybarless rotorheads. The flybar on our R/C helicopters serves many purposes: maintaining mechanical gyroscopic balance of the main blades, dampening the action of rotor action, and allowing more control to the pilot for his comfort level of flying. Many of these attributes can be addressed in a flybarless rotorhead, with the use of a gyro that controls the cyclic servos. The use of a "multi-gyro" system to control the aileron and elevator servos is not new, but advances in microtechnology have allowed heli pilots to incorporate this system into a very small package. Pilots are using this system to model their helis realistically to full scale aircraft, that have no flybar, decrease drag on the rotorhead system, and minimize the parts needed to repair a heli rotorhead, in the event of a crash.

Some offerings in this field are: The Mikado Virtual Flybar System (V-Bar), for \$699.00, the HeliCommand Rigid, from MSCompositUSA.com (\$599.00), the Gyrobot from Germany (600 Euro), and a unique design that will be available in early April, called the SK360 Digital Flybar (~ \$300.00). The SK360 is a two-gyro cyclic system in one small package, that has been tested in many electric helicopters successfully. You can get more info on the SK360 by searching RunRyder.com, Keyword: SK360.

LGHA Spouses Dinner

The annual LGHA Spouses Dinner will be held at 6:30PM on Saturday, March 29th, at the Willoughby Brewing Company, in Downtown Willoughby. The address is 4057 Erie St., but is located behind the stores of Erie St., accessible from Glenn Ave. Members are reminded to be on their best behavior, lest the pursestrings be constricted in the purchases made at The Toledo Show in early April.

Rotorhead Ramblings

April 2008

The March 5th meeting was attended by: Mark Himmelman, Jeff Venecek, Alex Rodriguez, Dave and Matt Klein, Andy Jones, Dan Greathouse, Richard Walker, Mike Louie, Myron Levine, George Wasickanin, John Gelsimino, Eddie Petrick, Rick Haynes, Steve Zuzek, and Doug Wagner.

John Gelsimino showed a device called "DC-UP" from Fromeco, that is essentially a cluster of capacitors that will keep voltage to your receiver should your battery pack lose its power. This unit also serves to show the current voltage of the power buss, or the lowest voltage seen on the power buss during your flight session. He got this device from Don's Hobby in Salina, KS. John intends to make this an integral part of his electronics on his new Miniature Aircraft 600 size Razor that he is building. Dan Greathouse will soon be offering an ammeter that will measure up to 50 amps in a battery pack. Check out his website for further details: www.lazertoyz.com.

Alex Rodriguez showed off his Align TRex 500, that can utilize 2-3S batteries in series, or one 6S battery. This heli is sweet with carbon blades.

April Meeting

The next LGHA meeting will be held on April 2nd, at 7:00 PM.

LaBamba Mexican Restaurant
28611 Euclid Ave.
Wickliffe., OH 44092
(440) 833-0472
1/4 mile east of I-90
and Euclid Ave. exit, on the north
side of the street.

Coming Events

LGHA Spouses Dinner

March 29, 2008- 6:30PM
Willoughby Brewing Company
4057 Erie St. (440) 975-0202
Downtown Willoughby

Weak Signals R/C Expo

April 4-6, 2008
Toledo, OH
www.toledoshow.com

2008 Hirobo Cup USA

June 20-22, 2008
LaSalle, MI

Mid-America R/C Heli Fun Fly

June 27-29, 2008
Detroit, MI

2008 IRCHA Jamboree

August 14-17, 2008
Muncie, IN
www.ircha.org

April LGHA Meeting:

Wednesday- April 2nd, 2008

7:00 PM

LaBamba Mexican Restaurant

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1/4 Mile East of I-90 and Euclid Ave. Exit

On the North side (440) 833-0472