

MULTI-ROTOR AND HELICOPTER AT BARNSTORMERS!

The multi-rotor and helicopter (rotorcraft) flying area was moved due to interference with their on-board GPS equipment from the power lines on the northwest corner of the field. Here are the updated guidelines for flying multi-rotor and helicopter aircraft at the Barnstormers Field.

- Flying rotorcraft is limited to the southwest corner of the field bounded by the flight line on the east, the tree/fence line on the west and as far south as the eye can see. There will be a north limit set, probably at the field clean-up day March 14th. However, safety dictates that they never be flown over cars or people.
- They may be flown on the main field when there are three or fewer pilots present and they all are in agreement that it's OK. If any fixed wing pilot is uncomfortable with their presence on the fixed wing field, they must move to

the designated area in the southwest corner.

- Flying them is restricted during public events unless they are performing as part of the program. While they are performing, no fixed wing aircraft will be flying at the same time.
- As with all other aircraft, rotorcraft should be flown in a safe and controlled fashion in accordance with all safety recommendations specified by the AMA.

Let's all work together to bring these fun aircraft to the Barnstormers field in a safe and considerate manner.



Multi-Rotors Takeoff!

IN THIS ISSUE

Welcome to this issue of the Barnstormers Newsletter.

The updated calendar of events was set at the planning meeting. See the new calendar on page 4. As always, changes may happen so check your email, the

newsletter and the web site for the latest details.

As you can see above, the board agreed to move the rotorcraft flying area due to safety issues. See the guidelines above for details.

If there is something in particular you would like to see added to the newsletter, please contact Les Joslyn at 417-839-4682 or by email ljosllyn@sbcglobal.net.

Inside this issue:

Barnstormers Planning Meeting Notes	2
From The Safety Officer	2-3
Hints And Tips	3
From The Editor	3
Board Members	4
Calendar Of Events	4

BARNSTORMERS PLANNING MEETING

The Barnstormers had a planning meeting January 29, 2015. There were approximately 20 members attending.

The new rotorcraft flying guidelines were brought up. It turns out that flying multi-rotors near the power lines interfered with their on-board GPS receivers, creating possible damage to the aircraft as well as a potential safety issue.

The question was asked about using the southwest corner of the field for multi-rotor and helicopters. Since there was a quorum of board members at the planning meeting, the board was able to quickly move the multi-rotor and helicopter flying area to the southwest corner of the field. See the article on page 1 describing the guidelines for flying these aircraft for details.

The rest of the meeting was focused on planning event for this year. The calendar on the last page lists them all. Details for each event will be sent out when the time for the event is closer.



Planning Meeting Notes



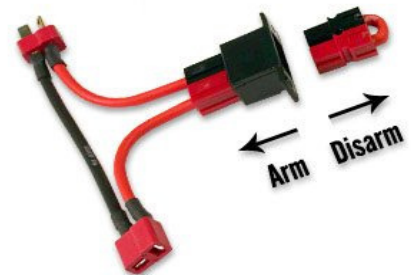
From the Safety Officer

SAFETY REMINDERS

As we all know, electrics have several additional requirements for RC airplane safety.

- Even with the very advanced electronic throttle controls (ESC's) now in use, they ARE prone to glitches, meaning that once the **battery is connected**, the motor and prop should be regarded as a loaded gun, ready to go off.

- Use a rubber band to keep throttle in the off position until your ready to launch.
- Also, there are arming switches available to install as shown below.



- Most Transmitters today, have the ability to set up a throttle hold switch, if it is on, throttle is off. Think about using this. If your not sure how to set yours up this way, goggle it, or someone at the club may be able to help.

This model belongs to:

Name

Address

City, State, Zip

Phone Number

AMA Number

HINTS AND TIPS

A lot of our members are building Versa Wing (and other) planes using Dollar Tree foam board and hot glue. I recently ran across a FliteTest YouTube video showing hot glue tricks. It's worth going to <https://www.youtube.com/watch?v=Dnj85Sziak> to watch!

The latest issue of Model Aviation had an article on spread-spectrum radios. But it may not have demystified the technology for you. Here is the link to a website that has a great description of how 2.4 GHz Spread Spectrum radios work. It's quick to read and also provides a link for those of us more inclined to the technical side of things: <http://www.rchelicopterfun.com/spectrum-radios.html>

One of our members recently lost a glider when the connection with the transmitter was broken. If that person had added his name, address, phone and AMA number on or in his model, he might have gotten it back. On pages 2 and 3, I've included a copy of a form you can use to put your contact information in or on your planes. Don't forget that AMA safety guidelines requires us to do this.



*Hints
And
Tips*



*From the
Safety Officer*

SAFETY REMINDERS—CONTINUED

- Keep the prop facing away from you (and anyone else) whenever a battery is in place.
- In the air or trying to get there often involves a hand launch – pilot and launcher need to agree on a procedure for the launch that doesn't involve the mixture of the fingers and the prop!
- When working on your control settings, remove prop. Or you can

use a 4.8V or 6V receiver battery to power your receiver while you do this. Unplug your ESC. That way you can work on control service setting without fear of accidentally throttling up the motor. It goes with our saying, so just to cover my butt, **DO NOT** hook up any plug from your 12V lipo to your receiver. Toast city!!

itself, that the prop will fly off, the battery will self-destruct and don't be caught by surprise if they do!

Ref: <http://rc-electric-aircraft-info.com>.

See the website for much more information about electric aircraft and their components.

- Expect that your motor will start by

This model belongs to:

Name
Address
City, State, Zip
Phone Number
AMA Number

**OZARK
MOUNTAIN BARNSTORMERS BOARD**

Jim Mikulin, President got.mikulin@gmail.com
Nick Huckstep, Vice President nhuckstep@cebridge.net
Ben Christianson, Secretary benchristianson@centurytel.net
Ron Niehoff, Treasurer flying4ron@gmail.com
Kenny Eckman, Safety Officer kdeck@centurytel.net
Jeremy Dunn, Board Member stockcar92@peoplepc.com
Les Joslyn, Board Member ljoslyn@sbcglobal.net



Visit our website at

<http://www.ozarkmountainbarnstormers.com>

CALENDAR OF EVENTS

March 14—Field Clean-up Day, 9:00 AM at the field. Many hands makes this go quickly.

March-November, every 3rd Saturday—Glider Event. Contact Bill Wilson for details.

May 9—Fun Fly—John Knowles is coordinating this event.

June 6—Chicken Fry—this may change.

July 25—Promote the club to the public. Initially planned for the Nixa Walmart.

August 15—AMA—Wounded Warrior Fly-in. Randy is heading it up with Bill Scott and Jeff Cook assisting.

September 12—Family Picnic—Jim Mikulin is leading the charge on this one.

November 14—Toys For Tots Fly-in. Buddy is coordinating this outreach event.

December 12—Christmas Party. Jeff Cook has kindly agreed to host the Christmas Party at his church in Nixa again. Thanks, Jeff.

January 1, 2016—Polar Bear Fly-in. Come out to the field to enjoy the fresh air and celebrate the new year!



**What's
Happening**