



THE INVERTED FLYER

NEWS of the BOULDER AEROMODELING SOCIETY
AMA Charter # 906

September 2012 Edition

Ken Miller Editor #50



Joe Sherran BBQing For the Picnic and Fun fly.

Photo by Al Coelho

Chandler Field

BAS 2012 Annual Picnic and Fun Fly:

There were some unusual flying objects at this year's BAS Annual Picnic and Fly-In on Saturday, August 18th at Chandler Field witnessed by the 45 to 50 pilots and guests. Among the gathering of airplanes, jets, and gliders keeping the runways busy, Joe Sherran organizing a fantastic luncheon spread with BBQ Ribs, Pulled Pork, Hot Dogs, Brats cooked with precision, along with several types of salad and cold drinks topped off with chilled sweet watermelon.

A good time was had by all and the weather man gave us a perfect day.

Thank you Joe Sherran for all your hard work and good food. Also thank you to all the hard working guys that got the field cleaned up for the event.

I have just been informed by James Mack, Chairman of our BAS Field Preservation Committee, that the wildlife restrictions imposed earlier this season by the City of Boulder have been lifted, **effective immediately**. The field can now return to normal operation.

With regard to the hours of operation, the new signs will remain in place for the time being. However, we will now be open from 9AM to sunset, Monday through Saturday and from 10AM to sunset on Sundays.

Thanks to all for abiding by the restrictions this season. In addition, we all owe James, and the other Committee members, our thanks for keeping the BAS field in operation once again.

Augie Bruno VP, BAS

Parks and Recreation to lift seasonal wildlife closures at Boulder Reservoir

The City of Boulder Parks and Recreation Department will lift the seasonal wildlife closures at Boulder Reservoir effective Tuesday, Aug. 28. Seasonal closures to protect nesting birds were in effect at Windsurfer's Point and at the Boulder Aeromodeling Society (BAS) field northwest of the reservoir since April.

Parks and Recreation staff report that, at Windsurfer's Point, the osprey nest was successful and three young ospreys fledged. At the BAS field, staff and volunteers saw several American bittern, but no young were observed.

"Bittern can be elusive birds," said Joy Master, conservation ecologist, "so the fact that we did not see any young does not mean that there were none. Just verifying the bittern's presence is a good indication of the health of the wetland habitat."

A pair of osprey adults was also seen tending to a nest near the BAS field, but no young were seen, so staff believes the nesting failed at that location.

Parks and Recreation relies heavily on the public to respect the closures and the cooperation of visitors to these areas is greatly appreciated.

Parks and Recreation would specifically like to thank the Boulder Aeromodeling Society members for their cooperation with respect to these closures.

Information: Joy Master, Boulder Parks & Recreation Department, 303-413-7261.

BAS MEETING MINUTES, CHANDLER FIELD BOULDER CO, August 8th 2012

Meeting called to order by PRESIDENT David Goodnow at 6:30pm with 11 members present. Motion by David Goodnow with a second by Joe Sherran to accept last months meeting minutes as they appeared in the last newsletter. Motion voted and passed.

TREASURE REPORT--Treasure Dean Ehn was not present at the meeting no report was given.

1ST VICE PRESIDENT REPORT-- 1st Vice President Augie Bruno reported two new members they are Gregory Smith and Kurt Rosner. This brings our total membership to 93 with 23 in the float fly sub group.

2ND VICE PRESIDENT REPORT--2nd Vice President Joe Sherran stated no new safety problems but cautioned members to be aware of the new prairie dog holes scattered at different locations at the field.

OLD BUSINESS--David Goodnow reported the charging station is complete and can now be used. Discussion was held on the Club picnic on who is getting drinks and supplies. Al Coelho stated he will send a email to the members informing them of the details of the silent auction which will be held in conjunction with the picnic. Motion by Tony Kilwein with a second by Joe Sherran to buy supplies for field maintenance. Motion voted and passed.

NEW BUSINESS--David Goodnow introduced a discussion about sealing cracks on the runway this season. It was decided to take no action this year. Rich Anderson gave a report on the Mal Meador youth program. He stated one youth is under his guidance and that James Mack has one part time student. Joe Sherran said he will have the porta-potty open for the Muddy Buddy on 8/12/12. Next club meeting will be September 12 at Hobby Town USA 6:30pm. Longmont Co. Motion by Tony Kilwein with a second by Augie Bruno to adjourn the meeting . Motion voted and passed.

Respectfully Submitted Rudy Glick.

Professional Engineer Peter F. Richiuso wrote in Model Aviation May 2012 issue on Puffed Lipos.

"I prevailed on one of my colleagues in the analytical chemistry lab to analyze the gas in a puffed LiPo I had.

It turns out that the gas is methane (CH4). I was surprised at first, but after reviewing the LiPo chemistry and discussing it with the chemist (Ph.D., in fact) it is very logical.

"One of the electrodes in a LiPo cell is lithium oxide infused in a graphite matrix (carbon). The hydrogen for the methane comes from moisture in the air when the batteries are assembled. Lithium metal will react with water to produce lithium oxide and hydrogen. The graphite matrix supplies the carbon that combines with the hydrogen to form the methane.

There's a limit to how low the humidity can be maintained since the materials used can be hazardous if they're very dry.

"Hard charging or discharging of LiPos causes heat to be generated, which accelerates the production of methane although the methane can form even if the battery is not being used due to self-discharge.

"The results of all this is that it should be okay to use a puffed battery as long as the battery has retained most of its capacity. The amount of methane generated is rather small and once all of the internal moisture is converted, no further gas generation will take place."

Submitted By Jim Ewing.

Our club has set aside Thursday evenings as flight training instruction at the field. Al Coelho, James Mack and Rich Anderson have agreed to be instructors for the Mal Meador Youth Training Program and will be at the field on Thursday evenings (weather providing) to provide instruction. The main focus will be for youth instruction, but anyone looking for help in learning to fly is welcome to come on out. Futuba and JR/Spektrum Buddy boxes are available to help get new students in the air. The information on the youth training program can be found on our web page. If you have questions or would like some help learning to fly contact.

Rich Anderson
anderson.rich@comcast.net

FOR SALE

Goldberg Obsession 3D--OS 160
RTF - \$800

Venus 3.8 Aero Tow Gkider
RTF—\$350

QQ Yak 54-72”--Super Tiger 2300
RTF—\$500

GregHine@gmail.com, 303-956-2119.

Members, September 2012 Birthdays

Rudy Glick

Bill Engelking

Charles Bowen

Darrell Adams

Boris Sergeev

**BAS Meeting, Hobby Town
Longmont Colorado 6:30pm
September 12th, 2012**

See Web Page for Event Listings
www.boulderaero.org