



October 2006 Edition

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CLUB MEETING: *October 11, 2006 at 7pm at
HobbyTown Longmont*

BAS MEETING MINUTES

Chandler Field
September 13, 2006

Meeting called to order by President Rich Chandler at 6: 55 pm with 19 members present.

Treasurer's Report

Ken Jochim was not present to give a treasurer report at the meeting, but reported a bank balance of \$10,563.41.

Old Business

Dean Chandler asked for a motion to accept last month's minutes as they appeared in the newsletter. Motion seconded by Al Coelho, and voted and passed.

President Rich thanked Tony Kilwein for the fence repair at the flight stations, also thanked Dean Chandler for the removal of the gas grills and his expertise in moving and leveling the dirt next to the runways

A discussion was held about the September 16th workday to prepare the shelter for painting and trim weeds in the pit areas.

New Business

A discussion was held on the cost of maintaining the porta-potty. Rich Rooney reported an increased cost to \$55 for each pump out with our existing contractor, and a new bid of \$50 from a different contractor. He was directed to go with the new bid. Discussion was held on making a sign to direct public users of the porta-potty to the city trailhead on the north side of the reservoir. Motion by Rich Rooney,

with a second by Tony Kilwein, to install such a sign. Motion voted and passed. Rich Anderson will check to see if the city will make this sign for us.

Discussion was held on the upcoming model expo to be held at the Wings over the Rockies Museum. Some members are interested in attending and showing their models. Boris Sergeev stated he would work on a club banner to display at the museum Expo. See the "Announcements" section for more information on this event.

Lee Sturgeon donated two boxes of spray paint to any member who wanted it. Also he gave to the club many old engines to raffle off at one of our club meetings.

Show and Tell

Rich Rooney displayed an A-10 Warthog twin motorducted fan electric model.

Mark Bradley displayed a mini Kantana electric with an A830 Hacker electric motor. This model is produced by Super Precision Aerobatics. The cost for the Kantana is \$115.

Rich Rooney provided a birthday cake for two of the elder members. It was enjoyed by the members so inclined.

Adjourn

Motion to adjourn by Lee Sturgeon, with a second by Rich Rooney. Motion voted and passed.

Respectfully submitted,
Rudy Glick

OUT AND ABOUT

1/9 Scale C-17 Globemaster III

The following was found on the club's unofficial email list, courtesy of Rudy Furman, Rudy Glick, and Augie Bruno. A brief description follows.

This 1/9th scale radio-controlled C-17 model was built in the United Kingdom. It was built as the centerpiece of a 15 program television series produced in the U.K. for the Home and Leisure satellite TV channel. It is built mainly from balsa and ply, with many glass and carbon fiber moldings to reduce weight, and covered in fiberglass and epoxy resin. Built with the aid of three friends, it took 1 year to build and is powered with 4 Jetcat P-120 turbines with a total thrust of 108 lbs. Wingspan is 20 feet 8 inches, and the top of the fin is 74 inches (6 feet 2 inches) above the ground. The model weighs over 264 lbs fueled, and carries 12.5 liters (3.3 US gallons) of 95% kerosene and 5% turbine oil fuel. Other details include 5 PCM receivers, 16 battery packs (93 cells), 20 servos, on board air compressor, electro/pneumatic retracts, pneumatically operated flaps, and a few other scale accessories. The rear cargo doors open and they drop an r/c jeep on a pallet, as well as 2 freefall r/c parachutists. The model also has smoke systems both of the inboard turbines, and uses 2.4 GHz data link to provide real-time data to a laptop computer on the ground while in flight, including airspeed, turbine RPM, EGT, and fuel consumption. The four builders are shown in the image below. This C-17 Globemaster III is one of the largest jet models in the world today!



R/C Antenna Experiments

I recently ran across the following web link detailing one person's experiments with receiver antenna configurations.

In the article, the author experimented with a GWS Pico single conversion receiver, measuring the receiver's signal output for various configurations of the antenna. Configurations included different lengths, different routing styles, and a base loaded antenna.

The conclusions can't necessarily be generalized to every R/C setup you might encounter, but the results were enlightening. The testing used a 40" straight antenna length as a baseline, comparing all other antenna configurations to this reference. Compared to this 40" baseline, a 62" antenna nearly doubled effective range, but a 92" antenna performed no better than the 40" reference. The stock (19") GWS antenna had roughly half the range of the 40" one, and coiling the 40" antenna up around a drinking straw resulting in one-fourth the effective range of the 40" straight antenna. Lastly, the base loaded whip antenna cut range by up to one-fourth as well.

The author's conclusion is as follows:

A high quality R/C receiver, with an advertised range of "beyond visual sight," is still reliable for most of us when the range is cut in half. But do that to a park flyer Rx with an advertised range of a few hundred yards, or a full range receiver installation that has other problems, then all bets are off. So follow the manufacturer's recommendations where possible. Above all, perform a thorough ground range test at the flying field, as instructed by your R/C system supplier.

Something to think about before you cut a few inches off that antenna or bundle it up to make it fit in your model.

For the entire test and results, visit:

http://www.rc-cam.com/ant_exp.htm

ANNOUNCEMENTS

Wings Over The Rockies Exhibition

The club is looking for volunteers for a booth at the Wings Over the Rockies R/C exhibition on February 10th 2007, from 10AM to 5PM. We will be provided with a table and chairs, and are asked to bring some of our models for display, and possibly set up some technique or product demos.

The organizers are hoping to make this a Toledo type event, with vendor booths for the big manufacturers (DuBro, Dave Brown, etc.) and lots of cool hardware. Plus, it should be a great opportunity to chat with fellow modelers from around the area.

If that wasn't incentive enough, the museum offers free admission to anyone participating, and their exhibits include lots of cool planes including one of only two B-1A bombers on display in the nation. They also make it open cockpit day, so you get the opportunity to drop into the pilot's seat of those planes as well.

If you're interested in participating, contact one of the club officers, or Bob Bergin at (303-693-9727) or bobbergin2@comcast.net.

Watch the Osprey Nest!

The ospreys have nested again this year on the dummy telephone pole erected by Boulder Parks northwest of the field. Please try to avoid flying or disturbing the ospreys, especially in August and September when the young chicks are learning to fly.

Flying Field Hours Clarification

The question of the flying field hours was recently brought up, partly because the old hours were established when we were in much closer proximity to our neighbors and electric powered models were almost unheard of. Although it seems logical that one could fly a quiet model outside of established flying hours without disturbing anyone, club members are advised not to do so. Our agreement with the city explicitly states our flying times, and we have been unsuccessful in re-negotiating these times in the past, so it's in the best interest of the club members to stick to the current hours.

From The Editor

I am going to try to keep a calendar of upcoming events in the newsletter in the "announcements" section of the newsletter. Please let me know if you have any local events I have missed.

CLUB DVD LIBRARY OPEN

The Club DVD library is open:

milehighwings.com/club/dvd.htm

You can request a title via e-mail and pick up the DVD at the club meeting. Don't miss *Tucson Aerobatic Shootout*, the best R/C video of all times!

Please feel free to [e-mail](mailto:bobbergin2@comcast.net) me your suggestions regarding the new DVDs to add to the library.

Boris Sergeev, Club Librarian

FIELD PARKING

There are parking spaces at the field marked and designated as handicap parking. We've been notified that if City Park Rangers see vehicles parked in those stalls without a proper handicap tag displayed they will start issuing violation tickets. **The fine for this type of ticket is \$125.00.**

All members need to be aware that, if you park in a handicap stall without a tag and a ranger comes by, it could become *an expensive day of flying*.

UPCOMING EVENTS

February 10^h, 2007

Model Exposition

Wings Over the Rockies Museum

For more info:

Bob Bergin (303-693-9727)

Or

bobbergin2@comcast.net

FLYING FIELD HOURS

9:00am to dusk on weekdays
10:00am to dusk on weekends

CLASSIFIEDS

FIELD BOX FOR SALE

Aircraft starter box for sale. Includes box, starter, battery, fuel pump, and a covering iron. Call Ken or Paula, (303) 442-4328.

AIRPLANE KITS WANTED

Looking for airplane kits, new or old, that will never get a chance to be built, or are no longer needed. Please contact Wan Suwito at (720) 212-8464, or email me at suwitow@yahoo.com

INSTRUCTORS LISTING

Call if you need help getting started:

Tony Kilwein	303-438-8500 Futaba
Wendell Wickstrom	303-494-9324 Airtronics
Ken Jochim	303-444-3206 JR
James Mack	303-819-6669 Futaba

THE YELLOW PAGES

A listing of area merchants, whose products are of interest to R/C enthusiasts; provided as a service to our members. Some will give you a discount with your current club card.

Phil's R/C Playground, 2850 Iris Ave. Suite k-1, Boulder (720-406-8409), Phil Bitter

Mile Sky Hobbies (formerly known as **HSJM Ltd. Hobbies**), 1300 W Midway, Broomfield (303-439-2640), Steve Clark

Action Hobbies, 1477 Carr, Lakewood, (303-233-6275), Glen A. Magree

Hobby Town, 1935 Main St. Longmont, (303-774-1557)

Mile High Wings store@milehighwings.com

Your source of R/C Simulator interfaces and all-composite ARFs: www.milehighwings.com

Don's Hobbies, 815 10th Street, Greeley (970-353-3115)
Tony Farro

Things with Wings, 6268 W. 10th #2 Greeley (970-352-1067) Jim Richardson

Hobby Town, 6815 W. 88th Ave., Westminster, (303-431-0482), James Miley.

Heliport Hobbies, 1400 W. 70th Street, Denver 303-430-8828, also Magnum Fuels