

HORSEFEATHERS!



Official Newsletter of the Billings Flying Mustangs

SEPTEMBER 2002 Volume 30 Issue 9



reported by Leland Schliep.

Carl Thuesen and his two great sons, Jake and Ben. Remember the names folks. They could well have their names on this Chamberlain trophy in the years to come. Carl and the boys saw the opportunity for the booth at the Montana Fair as a good thing so they took on the chore. Last year there wasn't a champion like this and the club didn't participate. This year Carl was the Champion. Carl and the boys made up work lists, made up model sign up sheets, phoned people and got the job done.

When Carl's job took him out of town at a critical time in the planning he got others to step up and help.

The Mustang's booth at the Montana Fair was staffed by a loyal and hard working group of Mustangs. Paul Yourk and his boys took almost all day every day from the start until they had to leave town to go to the Loveland Fly In. Linda Hahn, Leroy Bangert and Glen Hertz each had a turn. Marvin Steadman, father of Adam Steadman, stood a shift even though he isn't a member of the club. Wow, it looks like Adam, who is a new member is going to have his whole family involved. We got a deal on that membership application. I got in a couple of shifts but had to compete for them with Carl and his boys. Give all of these folks a hand guys. They represented your club very well.

Vergil Jones displayed his beautiful Road Runner, a radio and a dozen or so engines. Paul Yourk had his Bat Plane in the lineup and even with all the great looking "normal" model airplanes, the first thing out of 99% of the folks walking up to the booth was "Oh, look Johnny - a Bat Plane. Or "Hey! Batman's plane." Disgusting. :) Actually a great attraction. I had a couple of normal planes, radios and engines on display and Justin Haynes had two beautiful models. It was a very attractive booth. Our Booth won the People's Choice Award for the Hobby section on the second night of the Fair.

We handed out club and AMA brochures, and other paper work. We also gave out RC magazines to anyone showing some real interest. I think this is a great idea even if it came from Vergil. We had loads of folks asking where the field was and what night the meeting was and how they could get started. I think we did a good deed for the club. Thank you Carl, Jake and Ben for keeping the club in this show.

**THIS MONTH'S
MEETING WILL BE
AT THE FIELD**

on SEPTEMBER 9



President's Letter

Well, we are one month closer to building weather or we had one more month of flying weather, whichever is the best way for you to look at it. I hope you had a good month.

We took in the fly-in in Loveland, CO with Paul Yourk and his family. John Hahn, Bill and Diane Beck came down too and really enjoyed themselves. I think Bill is hooked and will probably be going back next year. We even got some night flying in with the cub. They had a pot luck dinner of milk jug stew on Friday night and roasted pig for Saturday night. The flying, friendship, dinners and prizes are worth going for.

I hope the fair went well. I know Paul and his boys put in a lot of time down there. I would like to thank the people that made it happen. It makes it all worthwhile if we can show the people what this hobby is all about and recruit some new members too.

Thermopolis, WY will hold their fly-in Labor Day weekend and Sheridan, WY is the weekend following. Both are good meets.

We are going to try to seal our runway on Labor Day, September 2 or the Sunday after, whichever works out. I might have to do it during the week if the sealer is ready. The runway will be closed for the day but it will be worth it. I will put a sign on the gate. Last time I sealed it in October and it snowed the next day. I think I'll be safe this time doing it in September.

Bob Moore is going through medical treatments and is turning the treasurer job over to Leland. Many thanks to Leland for doing the newsletter and now the treasurers job. I wonder if Leland knows how to repair heavy equipment. I could use an extra hand. We need to keep Bob in our prayers and if there's anything we can do I'm sure the club members will help. Bob's the kind of person that would do anything for you. That's what makes this hobby so enjoyable, the people and friendships.

Well, I'm still at work and they just put the D-8 Cat in the swamp. Have to step up a foot to get off of it. Guess I need to go back to work. I keep telling the guys that 80,000 pounds of steel doesn't float!

We need to continue to keep safety in mind and please be kind and courteous to others.

Your President,
Dennis



Last Meeting's Minutes.

Billings Flying Mustangs Meeting Minutes August 5, 2002

The meeting was called to order by President Dennis Rollins at 7:10 PM. The minutes from the last meeting were read and approved. Bob Moore gave the Treasurer's report. The report was approved.

Bob Moore is stepping down from the Treasurer's position due to poor health. Leland Schliep was appointed. A motion was passed and Leland will finish the remainder of the year as Treasurer.

Runway committee: Rotomill asphalt will not be available to the club to redo the runway this year. The runway is in need of repair and a crack sealing and repair date is slated for the Labor day weekend. Work is also to be done to the outhouse. New risers will be installed.

Montana fair display committee: Leland Schliep reported that the club will participate this year. A sign-up sheet for both display aircraft and booth workers was passed around.

Lynda Hahn has acquired the use of the AMA frequency meter for 2 to 3 weeks. There have been reports of possible radio interference. The meter will be able to tell if there are any problems with radio interference.

Speed Leckie took a group photo of the club. The photo is to be given to longtime member Bill Rattell. Bill is moving to Arizona.

A motion to adjourn the meeting was made by Paul Yourk, with a second from Earl Seaholm. Meeting was adjourned at 7:40 PM.



2002 OFFICERS

President - Dennis Rollins
Vice President - Leland Schliep
Treasurer - Bob Moore
Secretary - Steve Hergett

My Soap box

DERMATOLOGIST is the key word for today. The first of August I made my yearly visit to one at the clinic. After taking care of my sun damaged ears with liquid nitrogen, he strongly advised me to let him remove a bright red spot at the side of my nose. I did, and he did and the report two weeks later was cancer. We outdoor types with some Irish blood in our back ground are sensitive to the sun.

Enough on health except that if you will bend over and pull the weeds around the tables at the field it might help your waist line.

I want to thank the Carl Thuesen family, Paul Yourk and his family and the other club members, and at least one non member, who spent so much time and talent at the hobby display this year. I am sure we will get some new members for our efforts.

I understand that Fred Ott has taken off for the sunny climes of Florida. We will miss him at cleanup time and the smell of that old cigar that belonged in the trash can. Have a good trip Fred. Vergil

p.s.

TIME and the preception thereof is determined by the observer. The units of time is measured by ATTOSECOND (a billionth of a billionth of a second) and at the other end of the scale is ONE BILLION YEARS. Twelve or Fourteen of which is about the age of our universe. MY question is — from the time you realize your model is not responding to your commands and it meets mother earth ,which parts of the time scale are you living in? Vergil

p.p.s

it only takes an instant (nanosecond) for something to go wrong but forever (eternity ?) for your model to respond, or not, to your corrective measures .Actual time by an observer is something else.

Vergil

THIS SPACE AVAILABLE FOR YOUR
COMMENTS, OPINIONS AND WHATEVER!
EMAIL ME AT schliep22@attbi.com

"Horsefeathers" is the official newsletter of the Billings Flying Mustangs R/C Club. This newsletter is published monthly by the club and mailed to all current members. Newsletter editor: Leland Schliep P.O. Box 22406 phone 406 256-9836 Fax 406 256-9580 email schliep22@attbi.com

Leland's Ramblin's Junk You Can Skip If You're busy



Dang it, Everything done but my part! Why do I always finish last?

Hey, this was a great month for newsletter editor-ing. I had contributions coming out my ears. I even left out a couple of photos to get in the stories. I love it. Did you see Steve Hergett's article in this issue? I won't get to read the article close until my newsletter comes in the mail but from what I got to see in my editorial glance, I want one! I don't know where Vergil got his stuff over there on the left column but I can't stop laughing. Vergil you got good stuff there.

Did you get out to see the fair booth? If not, you may have missed our best display in years. I mentioned Carl and his boys, Ben and Jake. Paul Yourk and his two son's also need a great mention. I admire and envy both Carl and Paul. I think they are doing a great job of raising those kids. They are lucky kids to have the families they have.

I think our club is going to have a real tough time deciding this year about the Chamberlain Award for Outstanding member. Linda has been doing great work, Her fly-in and help every where. Paul and his family who've jumped in everywhere and now Carl and his family. On top of that think about the outstanding job Dennis has been doing as president. You had better be keeping a list and marking score. It will be tough.

Now as for flying, I ain't getting much! Sounds like I have priorities screwed up again. I will attempt to resolve this in the morning. I am going out flying for a few-hours if it kills me and leaves me unemployed. I don't care, I need stick time!

I may get some more stick time in - the computer simulator type anyway. I ordered and am waiting for the latest version of the Great Planes Real Flight simulator. I had an earlier version but lost some of the parts so when I got into trying to upgrade it all it became much easier to just get a new set and have it. Should be here this week.

Well, I am going to be short this week. Remember that the meeting isn't until the 9th due to the holiday.

See Ya Out Flyin'

Flight Report

Wattage Crazy Max

By Steve Hergett

The park flyer is becoming a common item for the active flyer to have in their fleet of airplanes. I've been looking for an affordable small electric plane that has 4 channel capability. A few people have seen my latest little gem flying at the field and were quite curious about it. I'm sure I will see a few more of them around.

The Wattage Crazy Max looked like it met most of the criteria I was looking for. This plane is not really a beginner's model. It is very responsive and capable of aerobatics, which is what I wanted. It all comes in a \$50.00 package, which includes all the hardware needed, the ARF model made of foam, and the motor. This looked like the ticket for me.

There are plenty of other types of airplanes and motors out there with good performance, but at a much higher cost. These higher cost set ups use a \$150.00 brushless motor, which I'm not willing to fork out the bucks for.

The Crazy Max uses an 8-cell battery pack. The 8 cell motors typically put out more power than the lower count 6 or 7 cell units. There is a full flight report in the July 2002 issue of Model Airplane News. After reading that article, I went online <http://media.hobbypeople.net/manual/128432.pdf> and downloaded the complete manual for the Crazy Max. This gave me a good idea of the equipment I would need to get this plane going.

The kit is marketed by Global Hobbies. I purchased mine online from Sheldon's hobbies. Tower hobby carries this item also as well. The recommended battery of choice is a 800 mah NiMH 5/4AAA battery. This battery weighs 4 oz. I'm using some KR600 mah nicads, which I purchased at least 4 years ago from New Creations RC. The nicads are almost 3 oz heavier and also larger. They barely fit in the space provided in the plane, but it worked, so that is what I'm using. These nicads can be purchased from many of the vendors listed in any current model magazine. I'm thinking the Nimh batteries would work better, but I would have had to update my charger and I wanted to keep costs down. You should also plan on getting some good quality connectors for connecting your battery to your plane and charger. Don't use the Tamiya type connectors. These tend to wear quickly. Use a small dean's connector, or I use the Anderson Powerpole or "Sermos" connector. These are available from any RC

battery supplier.

A speed control is also needed. This does two jobs. It reduces the 9.6 volts down to work with the receiver (which eliminates the need for a receiver battery) and is a fully proportional speed control for the motor. I ordered a Castle Creations Pixie -20P. This will handle 20 amps of current and up to three servos. You could possibly get by with a 15 amp unit. I chose the Pixie because of its small size. It is slightly larger than a servo connector. It is incredibly small and light. The manual for this item can be downloaded also at http://www.castlerc.com/documents/Pixie-20_User.pdf

Spend the money to get the small micro servos. Weight is the biggest killer of performance in this lightweight planes. I use the Hi Tec hs 50 servo. These run about \$28.00. You will need 3 for rudder, elevator and aileron control. The throttle is taken care of with the small speed control. Hi Tec sells a combo "feather flight pack" which has 2 hs 50's and a small receiver for \$64.00. I'm using a Hi Tec micro 555 with the case removed so it can be shoe horned into the tiny fuselage. I wish I had a smaller receiver, but it seems to work just fine.

The Crazy Max flies like a small fun-fly plane. You can keep it close in, shoot touch and goes, fly inverted, just about whatever you want except hanging on the prop. You'll need one of those \$150.00 motors to do that. I recommend this plane highly. You can get it together very fast. At least 6 times faster than Seaholm's simplest combat plane. I did do one modification to the plane. The wing mount is a lightweight vacu-formed piece that is just not strong enough to do the job. The rubber bands that hold the wing on compress it out of shape. I added some balsa stiffeners easily enough and also decreased the positive wing incidence.

This little power system works really well with good duration. I currently have small Balsa crop duster on the drawing board that the equipment will swap out of when I crash this little gem. I'm sure I will crash it. One tends to get a little bold with the close in maneuvers on a \$50.00 aircraft investment.

CODY FLOAT FLY

From John and Linda Hahn

We attended Cody's (and ours) first Float Fly and had a nice time. The weather was not too bad although we had to contend with some wind on and off, but I guess, given the area, it is to be expected.

They had 17 registered pilots coming from as far away

as Salt Lake City, Phoenix and Colorado. Don Fry and Greg Zeiler deserve a high five for all of their efforts in coordinating this event. They involved the local Chamber of Commerce, City Council, Fish and Game, Parks and Rec. With support given by all. The hockey team had a concession stand for lunch on Saturday to help earn money for their club. There was a chicken (KFC) banquet Saturday night with almost 30 people in attendance.

Bill Phoels got in some great flights and was fun to watch. Hope to see you all there next year even if you don't have a float plane to fly.

UPCOMING GREAT FALLS AIRSHOW

YOU COULD BE A STAR!

FROM DARRELL ANDERSON AMA AVP. - MEMBER GREAT FALLS BIG SKY MODELERS.

Big Sky R/C Modelers, Great Falls is organizing a late-season airshow/fly-in on September 28, or 29 as weather permits (sound of dice being rolled). We are looking for accomplished flyers (& comfortable in front of a crowd) from other clubs that would be willing to help us out. We are especially interested in any unique aircraft or acts that will hold the interest of a non-modeler audience for 5 to 10 minutes each. The airshow will be narrated by a radio station announcer that has aviation experience.

I know your club holds an airshow every year - any ideas/warnings to pass on? Yeah, I know, do it in the SUMMER.

I was hoping to find some of the following: Dual/multiple aerobatics act... formation, chase, or opposing solos. Helicopter, 3D if possible. (Hoping Eric would like to demo equipment for "Heli-Proz") Banner or Flag tow. Skydiver drop. Glider tow or winch/high-start launch. 3D aerobatics; fly to music; smoke,smoke,smoke. Big anything. Scale, sport. Small anything. 1/2A, electric, park flyer. RC Combat demo (some guys are signed up already). Demos of competition aerobatics, Pattern or IMAC. RC Racing demo. Jets - DF or Turbine (need waived pilot) I'll be checking with Duane Habets of Conrad, MT as he flies both. Novelty aircraft. THINGS that fly & shouldn't. Control line. We have a couple of guys lined up, but a good stunt flyer, or some slow combat would be a crowd pleaser. Free Flight Model Rockets

I have a few of these covered with local talent, but we could always use more.

We are attempting to try to bring all aspects of model aviation to the public, as well as introduce some new

concepts to inspire our mostly novice membership. Of course, it would be nice to make a little money for our treasury, but breaking even is OK anytime. The airshow portion will take precedence, but there will be open flying periods, too. We are only planning on doing the airshow acts one day, repeating in the afternoon, with Sunday the 29th as a rain date, or as a second day for open flying. Both days are AMA Sanctioned.

Thanks,

Darrell Anderson Big Sky R/C Modelers, Great Falls
d.l.anderson@att.net

Combat in Bozeman. August 17, 2002

From Ron Horton.

Just a brief note on the Bozeman Open B Combat.

There were 8 fliers that flew 6 rounds for the Battle of the Mountains on Saturday. Earl, Me and A new pilot Larry (sorry I didn't get his last name) represented Billings. Ben Billing and his brother Reg drove from Miles City. Charlie and Phil and a couple of other Bozeman pilots completed the roster for the show down.

The weather was perfect. No wind and sunny skies greeted all the spectators and judges. Words can't say enough about the Bozeman club, as they make you feel right at home.

Charlie took top honors, I took second and Earl took third. Earl had to fly the entire contest on one plane as a battery failure took his other plane out. Charlie was on top of his game and couldn't miss. My planes flew like that stuff you find at the bottom of the outhouse. I am working on a new plane and with my business taking off it doesn't leave much time to work the bugs out. I had built three new planes in one week and had to test fly two Saturday Morning. I'll get Charlie next time.

For you guys thinking about giving combat a try but think it too hard just give Earl or me a call and we will be glad to get you going. The planes fly really easy. And they will make a better pilot out of you.

I am trying to talk the Miles City guys into hosting the next combat meet in late September. I'll keep you posted.

Ron Horton RCCA V.P.



JAKE MANS THE BOOTH



Jake and Ben Working Hard.



Ben and Jake in the Booth.



Next Meeting
MUSTANGS CLUB FIELD
MONDAY September 9

Billings Flying Mustangs
P.O. Box 22406
Billings, MT 59104

FIRST CLASS

TO:

The latest scoop from the most active R/C club in the region!