

The "Rogue Eagle" is a publication of the Rogue Eagles R/C Club, Medford Oregon - AMA 534

# ***Rogue Eagle***

[www.rogue-eagles.org](http://www.rogue-eagles.org)

***September 2012***

## ***Great Air Show!***



**VR/CS Photos**  
**Keno Fun Fly Sep15**

### ***What's Inside:***

- President's Message
- Meeting Minutes
- Tips and Tricks
- Airshow Pics
- VR/CS
- Profili2
- More...



## ALL THUMBS- FROM THE PREZ'S CHAIR

My name is Jay Strickland and I approve this message

Whew! Another Airshow (#34) is in the books. You all should give yourselves a pat on the back as it was a very successful show. Almost fourteen hundred dollars was raised for the Children's Miracle Network! Larry Myers once again did a superb job as Airshow Director. I can tell you from experience that this is a huge, difficult assignment. Thank you Larry and Larry! Larry Cogdel did a fantastic job as PR officer in promoting the show. Since he is a TV star he has an agent now and I think you must have an appointment just to talk to him! Gary Croucher's preparation of the facility was awesome. Those flags were super neat and really added to the festive atmosphere. I think Gary also had the coolest Hawaiian shirt, hard to beat those Vargas girls!

I don't recall any serious crashes during the show however Snoopy "Bit it" during preparation as well as a couple of other daring airmen. My hat's off to all the intrepid pilots of the club who put their equipment and reputations on the line for the club. Without you guys (and Gal, sorry Patty!) there would be no show, well done! Thank you Martin for building or repairing what seemed like about half of the airplanes in the show. We appreciate your **BLOOD**, sweat and tears!

We had another very successful Airshow raffle as Dave Bartholomew took over and finished strong! I think overalls is a good look for you Dave! Thank you to Al's Hobby, Eldon Elder's family and all those who donated prizes for the raffle. Thanks to Paul and Debbie Starks who put in an encore performance in the Eagles Nest. This was their curtain call and they made it a good one! Thank you Starks, for several years of hard work and great chow.

I would also like to take a moment to recognize those fellows who consistently put the club first in everything they do, Rich D., Ben M., Gary N., Rick L., Alan L. and Werner. You gents certainly have my respect and admiration for all your work in the Rogue Eagle's interest. Lastly but definitely not least, I would like to thank my lovely wife Marti, without who's permission I wouldn't get to come out and play!

It looks like the VRCS Fly in went well with seventeen registered pilots and some beautifully done classic aircraft. Bruce Tharpe took over CD duties and as usual was professional and thorough. I promise Bruce, the mighty Falcon will fly next year! Don't forget the Klamath Flightmasters Fly in and potluck on the 15<sup>th</sup> in Keno. Map to this event is on the website.

I closing I would like to express our thanks to Ron Patterson (our honorary East Coast Rogue Eagle) for routinely delivering a superior website product. I always enjoy the site and still look forward to flying with you someday.

That is all for now, Grandog out.

Remember: To know a man in his entirety,  
know him at least once intoxicated!

## Rogue Eagles Board Minutes - August 28, 2012



Meeting called to order at 5:34 by President Jay Strickland.

There has been an ongoing discussion on whether or not to allow flyers with just AMA PARK flyer level of membership to fly at Agate field. It was brought up that this level of membership does have insurance but only half that of a full open AMA membership. After lengthy discussion a motion was made and seconded to require a full open AMA membership to fly at Agate field. The only exception is the 60 days that an Intro Flyer gets while flying with his instructor. The motion passed.

Larry Myers submitted a preliminary report on the proceeds from the air-show which after expenses nets the club roughly \$2000. Porta-potties will probably take a \$200 bite out of that. In addition, \$1376 was taken in at the gate which will be donated to the Children's Miracle Network in the near future. All present agreed that the air-show was a rousing success.

Paul and Debbie have decided to retire from the food preparation business. While everyone else was having fun, Paul and Debbie were back there slaving and it is about time they get to enjoy some quality flying time. Thanks for your service!

Werner Bruckner has tendered his desire to retire from the position of treasurer effective December 31st. He is another one that we will miss. Thank You, Werner, for 10 years of dedicated service.

The Rally of the Giants is definitely on for June 20, 21, 22, & 23 of next year. This promises to be the biggest event that our club has ever put on.

Discussions of runway repair and extension are ongoing with several options being considered. At this time we have approximately \$13,000 in the dedicated runway fund. Jay is working with the county on a partnership deal. Repairs to Station 5 are almost complete as well as station 6 becoming usable and should be completed by this Friday August 31st.

The start-up pads are also due to be completed after September 22nd.

The board unanimously wished to thank all who made the air-show such a success with a special thank-you to Larry Myers.

Meeting adjourned at 7:13pm.

Respectfully submitted by Rick Lindsey who cannot wait for Alan to come back.

## The Third Annual Meeting Vintage R/C Society (VR/CS)

August 31 - September 1, 2012, at Agate Field, Oregon

Think back to the year 1977 and imagine surveying the planes in your stable at that long ago time. Now fast forward to 2012 and here they are again in all of their radiant glory. There were pattern planes, high wing free-flights, rudder and elevator only and most every other kind and flavor represented. The VR/CS has but one simple rule and that is the airplane had to be available in either kit or plan form before 1977 in order to qualify as an oldie goldie and be eligible to fly at this meeting.



Photo and text courtesy of RC Eagles website.

## Air Show 2012 at Agate Skyways; August 18-19 A tip of the wing to all who participated and assisted

The yearly air show is historically the biggest event of the year and this year's show points out that it takes an entire club working together to pull it off. We are very proud of the participation of our members. Below you see a group photo of the pilots taken on Saturday which includes everyone except Cliff Sands. (Text and photos courtesy of Rogue Eagles Website)





# Recommended for Scratch Builders!

## **Profili 2** <http://www.profil2.com/eng/default.htm>

Profili is a software developed to help the 'do it yourself' modelers.

This new version can assist you in:

- Searching for the right airfoil for your application
- Creating new airfoils
- Analyzing the airfoil aerodynamics
- Drawing, plotting or printing all the ribs for a trapezoidal or elliptical wing or the foam cutting templates
- Cutting file generation for ribs and templates with a 3 Axis CNC milling machine
- Cutting file generation for foam wing panels with a 4 Axis CNC hot wire machine
- STL file generation for wing panels mold
- and much more!

Write to [info@profil2.com](mailto:info@profil2.com) or to [st.duranti@tin.it](mailto:st.duranti@tin.it) for more info.

*NOTE: I purchased this software for making accurate rib sets and wing panels. I highly recommend it! It's easy to use and it has a trial version. Check out the website for all the features and other great software.*

*Ed.*

---

## **FlySky FS-T6 2.4ghz 6 Channel System**

### **Specifications:**

Channels: 6 Channels  
Model Type: Glider/Heli/Airplane  
RF Range: 2.40-2.48GHz  
RF Power: Less Than 20dBm  
2.4ghz System: AFHDS  
Sensitivity: 1024  
Low Voltage Warning: 9V  
DSC Port: PS2;Output:PPM  
Charger Port: Yes  
Power: 12V DC (1.5AA\*8)  
Color: Black/Silver  
Certificate: CE,FCC

### **Required to Operate:**

8 AA Batteries for Transmitter

**\$49.00**  
**HOBBYPARTZ.COM**



## Outrunner Motors versus Inrunner Motors

### Outrunners

- Low RPM's, High Torque
- Less efficient than inrunners
- No gearbox required
- Narrow prop selection
- Silent

### Inrunners

- High RPM's, Low Torque
- More efficient than Outrunners
- Require a gearbox
- Wide prop selection
- Noisy



Outrunner



Inrunner

The faster a motor spins, the more efficient it is. Inrunner motors turn very fast (60,000 RPM's on average) and are much more efficient than outrunner motors. Inrunner, brushless motors require a reducing gearbox between the motor and propeller of your RC plane. For this reason the output speed and torque of the propeller can be easily "tweaked" to facilitate different flying characteristics by using different gear sizes.

The downside is added parts that can fail. The gears get stripped and the gearbox shafts are easily bent. It can also be an obstacle when mounting the gearbox-motor combination for your RC airplane neatly, especially under a cowling.

Melvin S. Harder III  
Level II  
Electric RC Pilot

---

---

## Club Corner

### Why Clubs Fail

*by Jim Wallen, Club Corner Author  
AMA Insider*

**Clubs can fail** in a variety of ways. The membership can lose interest. Perhaps no one in the club wants to take on the challenges of being a club officer to make things happen. Attitudes and camaraderie within the club start to fail. People just cannot get along. The primary culprit in club failure, however, is loss of the flying site.

To preserve your local club, pay attention to some very specific items. Again, being proactive in some areas increases your chances of keeping your club for a long and enjoyable period of time.

Be sensitive to noise-related and flyover issues. If you have housing nearby you always run the risk of complaint. Take on the challenge of evaluating your noise policies before some governmental agency gets a call from a disgruntled neighbor. If your field has flight boundaries and no fly zones to avoid sensitive areas, observe them, or your club may suffer the consequences.

Get to know the site owner. Keeping the owner happy is an absolute necessity.

*(continued on page 11)*

## Tips & Tricks

### Winter Aircraft Storage Tips

With the weather turning colder, many of us will be storing our airplanes for the season. Here are some tips that will make a happy aircraft and a happy flier come next spring.

#### The engine

When you finish flying for the day, you should always get the unburned fuel out of the engine. Do this by pulling off the fuel feed from the carburetor, attaching the glow driver, and flipping the propeller. The engine may run a little, or it may just pop. When there are no more pops, all the fuel is gone. Next, make sure all the fuel is out of the tank. You would not believe the green, slimy crud that grows inside a tank with fuel left in it!

After removal from the airplane, the outside of the engine should be cleaned off. Block the carburetor inlet and the exhaust outlet with some wadded up paper towel. Grab an old toothbrush and some engine cleaner (Formula 409, Fantastic, Windex, Comet, etc.) and scrub the engine. When everything is clean, wipe it down with a rag.

Oiling the inside of the engine comes next. Use Marvel Mystery Oil or plain automatic transmission fluid for this. For two-stroke engines, squirt some oil into the exhaust outlet, then remove the glow plug and squirt some into the combustion chamber. For four-stroke engines, squirt oil into the crankcase vent and for the top end, remove the glow plug and lubricate the valve train by squirting oil into the combustion chamber.

Use your electric starter to turn the engine over for a second or two. This will distribute the oil throughout the inside of the engine (including the front bearings). Be sure to lubricate the carburetor too so it doesn't get stuck. Put the glow plug back on and wrap your engine in a clean cotton rag. This will allow it to breathe over the winter. Don't put it in a plastic bag because it could trap moisture and cause rust and corrosion.

#### The airframe

Build some more wing racks, if needed, and store your wings on them. Don't stack them in a pile or lean them in a corner. You'll end up with warped wings. Hang the fuselage somewhere up out of the way.

#### The radio

Once a month, charge your system overnight. Keep a log book to record when you do this. Once every two months, after you finish the overnight charge, use a ESV, battery cycler, or just run the system for 1½ to 2 hours. Charge the system overnight again. Don't store the radio in a place where it will get too cold, such as an unheated garage.

—*First State R/C Club, Hockessin, Delaware*



## 2012 Event Schedule

MO	DATE	ACTIVITY	LOCATION	CD
Jan	1	Chili Dog Fun Fly	Agate Field	Larry Myers (B4 7:30p) 541-770-3390
	14	Polar Bear Fun Fly	Myrtle Creek Airport	Bruce Harlow 541-863-1920
Mar	9-10-11	Swap Meet	Yamhill County Fairgrounds, McMinnville	Larry Miller 503-472-4987
	24	Pylon Race #1	Agate Field	Ben Musolf 541-608-7240
	31	Swap Meet	Josephine County Fairgrounds, Grants Pass	Art Kelly 541-472-9683
Apr	14-15-16	Float Fly	Agate Lake <b>NOTE! 2.4 ONLY</b>	Larry Myers (B4 7:30p) 541-770-3390
	21	Pylon Race #2	Agate Field	Ben Musolf 541-608-7240
	28-29	IMAC Contest	Agate Field	John Gaines 541-951-1947
May	5	Swap Meet	Agate Field	Joe DeAscentis 541-890-2765
	19-20	Warbirds	Agate Field	John Gaines 541-951-1947
	24 thru 27	IMAA	Castle Air Base	Mike Brown 503-549-3005
	26	Pylon Race #3	Agate Field	Ben Musolf 541-608-7240
	27	Fun Fly & Pot Luck Keno Club Invited	Agate Field	Rick Lindsey 541-776-5832
Jun	1-2-3	Fun fly	Klamath Glen	Sam Ellis 707-954-8284
	1-2-3	La Pine Fun Fly	La Pine	Paul Lamb 541-536-2859
	15-16-17	Float Fly	Platt I	Dave Olson
	23	Pylon Race #4	Agate Field	Ben Musolf 541-608-7240
	24	Lee Renaud	Agate Field	Jay Strickland 541-855-7161
Jul	14-15	Float Fly	Lake Selmac	Art Kelly 541-472-9683
	6-8	Warbirds over the Pacific	Cottage Grove	Gus Phillips 541 643-9430
	13-14-15	IMAA Fun Fly	Agate Field	Cliff Sands 541-941-0503
	21	Pylon Race #5	Agate Field	Ben Musolf 541-608-7240
Aug	3-4-5	IMAA Fun Fly	Henry's Winery Sutherlin	Bruce Harlow 541-863-1920
	10-11-12	Dawn Patrol	Henry's Winery Sutherlin	Bruce Harlow 541-863-1920
	18-19	Air Show	Agate Field	Larry Myers (B4 7:30p) 541-770-3390
	25	Pylon Race #6	Agate Field	Ben Musolf 541-608-7240
	24-25-26	Fun Fly	Klamath Glen	Sam Ellis 707-954-8284
	31	VR/CS Fly-In	Agate Field	Richard Schwegerl 541-733-5479
Sep	1	VR/CS Fly-In	Agate Field	Richard Schwegerl 541-773-5479
	8	RVF Air Show	Grants Pass	Art Kelly 541-472-9683
	15	Flitemasters Fly In	Keno (Sportsmans Park)	Edward Huddleston
	22	Pylon Race #7	Agate Field	Ben Musolf 541-608-7240

**Thank You to the following  
Businesses!**



Southern Oregon's Premiere Bicycle and Hobby Source

541-779-9935  
127 N. Central ave.  
Medford, OR 97501-5925  
www.alscycleandhobby.com

**MILD TO WILD** Visit Our Website  
mildtowildhh.com

**HOBBY HOUSE LLC** Grants Pass RC Source  
Hobby Supplies

**DENNIS ROGERS, Owner**

**HOURS:** Tuesday - Friday 9:00 - 6:00 • Saturday 10:00 - 5:00

309 N.W. E Street  
Grants Pass, OR 97526  
541-471-8780  
rmildtowild@peoplepc.com

**WHY CLUBS FAIL** (continued from page 8)

Play an active role in community affairs to increase the club visibility to the public. Organize a fundraiser for a local charity. March in a parade. Put on a mall show. Invite local government officials to the field and feed them some mouthwatering hot dogs.

Fun-flys and potluck dinners are great ways to help pull the membership families together. Put on a special Valentine's Day event for spouses.

Make a concerted effort to attract new members. Youth are especially desirable. They bring some fresh ideas and enthusiasm to the club atmosphere. School visitations for all ages are an investment in the club future.

Emphasize to the club membership the importance of volunteering to be a club officer. Most members just want a good place to fly and have fun. They must realize, however, that things do not just happen on their own. Members have an obligation to be a contributor. As a club president you should discuss this subject at your next club meeting.

We are all very fortunate to be a part of the most satisfying hobby in the world. With some creative effort and a little bit of work, you can keep your club postured for a healthy future.



**Club Officers and Staff**

**President**  
Jay Strickland 541 855 7161  
strickdog@q.com

**Vice President**  
Gary Neal 541-476-6159  
cruisin60s@charter.net

**Secretary**  
Alan Littlewood 541 362 3731  
alan\_littlewood@charter.net

**Treasurer**  
Werner Bruckner 541 664 2549  
wkbruck@charter.net

**Board Members at Large**  
Gary Croucher 541 664 1133  
No email

Larry Cogdell 541 840 1514  
planner4u@aol.com

**Safety Coordinator**  
Richard DeMartini 541 245 9858  
medrico@earthlink.net

**Event Coordinator**  
Rick Lindsey 541 776-5832  
ricklindsey@charter.net

**Newsletter Editor**  
Ben Musolf 541 608 7240  
flight431@msn.com

**Public Relations**  
Larry Cogdell 541 840 1514  
planner4u@aol.com

**Field Maintenance**

**Webmaster**  
Rick Lindsey 541 776 5832  
ricklindsey@charter.net

**Flight Instructors**  
Rick Lindsey 541 776 5832  
ricklindsey@charter.net

Richard Schwegerl 541 773 5479  
bbschweg@aol.com

Ben Musolf 541 608 7240  
Flight431@msn.com