



# Sanderson Field R.C. News



Check out our web site at <http://sfrcf.quintex.com>

## Club Meeting

*This months meeting will be held on Thursday September 11th at the field, weather permitting, Time: 7:00 p.m.*

*Sharon Tells me we have the option of using a 2nd story room at the old Evergreen grade school, however it is not handicapped accessible. An elevator is to be installed in the near future. Evergreen is the building on the right as you face the building we used to use.*

The August meeting was rather short and was ran by the Vice President Dick Robb as Jody was busy with a wiring problem at home, it was however a beautiful night to fly and a couple of us took advantage of it.

Welcome new member Roger Hoe and also welcome returning member Don Riley.

Dick talked about the Board meeting which involved talking about a new meeting place (for winter), the TCMAA fly-in, the school demonstration and the possibility of another fly-in in September.

The Secretary read the treasurer's report and the minutes.

Dick told everyone we would have a radio impound this time as we had a problem

at the last fly-in.

Gary House got his Solo Certificate, congrats Gary!

Bob Andrew let me know his student Bob Giroux didn't get a certificate. Congrats to you also Bob. If you teachers want a certificate for your students, you need to let me know when they're ready so I can come up and take pictures.

This month we will have another Solo Certificate presentation, Bob Mason soloed on Aug. 28th. Congratulations Bob.

*Be sure to check out page 5 for an interesting news article from the AMA web site on Broadband over power lines and it's possible effect on RC modelers.*

Stacy Myers motioned to allocate \$150 for food for the scale fly-in, any extra will be returned to the bank.

Dick mentioned the McMinnville fly-in (see next page for article) and also the TCMAA float fly on the 16th and 17th of August.

Meeting adjourned at 7:11



Unlike her husband, Clair isn't waiting for the next good thermal.

## A Word From Your President

Once again the Scale Fly-In was a huge success. A special thanks to all who help put on this event and for those who participated. The next thing with have coming up is a demonstration for Pioneer Middle School. We will be putting on a flying demonstration and incorporating it into a career day theme. The demonstration will begin at 9:00 am. There will be two bus loads of 100 7th and 8th grades students arriving. We are hoping to have a few trainer planes there to let the students fly. If you are interested in helping out, or if you have a trainer plane you would like to lend it would be greatly appreciated. We could use all the volunteers we can get. Contact Jody Diaz at 360-427-6102 if you are interested.

# A visit to the Evergreen Aviation Museum



RC airfield

by Bob Beatty

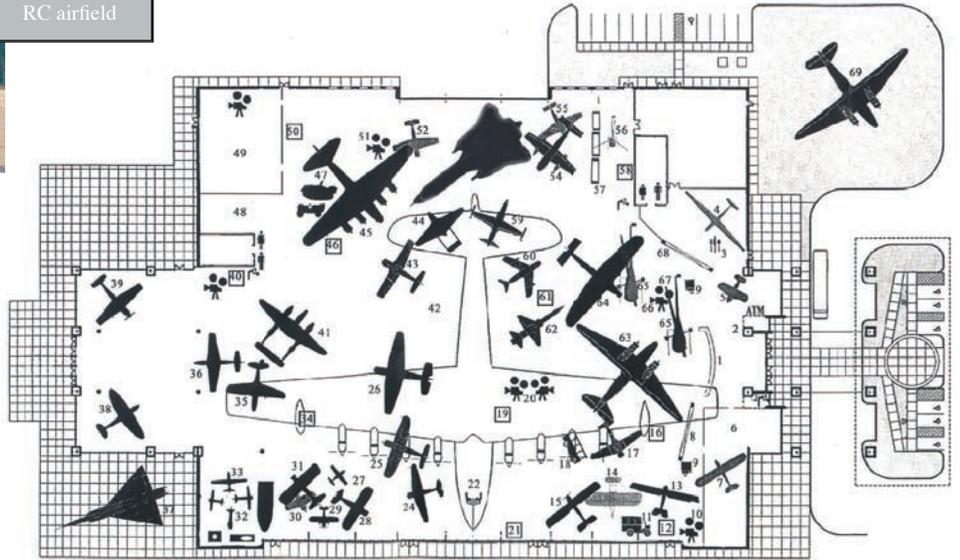
Last month a few club members went down to McMinnville to a full sized fly-in, it was interesting but the highlight of the weekend for me was the trip to the Evergreen Aviation Museum. New home to the "Spruce Goose".

The building is huge! As you drive up to the glass front you can see the nose of the "Goose" poked up against the



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glass. When you go inside, the size of the thing really hits you. Parked under one wing is a DC-3 and a Ford tri-motor (the Tri-motor was actually over at the fly-in on display) with plenty of room to spare. Near the front of the building is a cut-away Pratt and Whitney R-4360 Wasp radial engine that goes through the run cycle at the press of a button. The "Spruce Goose" needed 8 of these engines. Other highlights of the museum are a Messerschmitt BF-109, SR-71 Blackbird, Supermarine Spitfire Mark XVI, P40 Warhawk, P-38 Lightning, FG-1D Corsair, a replica of the Wright Flyer and across the street is the only



Layout of the Evergreen Aviation Museum



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The Museum's flying field

F-15A Eagle in private hands. They also have an SR-71 engine on a stand as well as a 747 engine.

stands (like TCMAA has). He didn't know when it would be done but I suspect that by

While talking to people there I found out the Museum is putting in an RC flying field and also a control line. I walked over to check it out and ran into a member of the club that will fly there when it's done and he told me it will be open to any AMA member. The blacktop runway and taxiways are in and the grass strip will be planted soon. The pin board is up and they have a number of plane



The Pits

the beginning of next summer it will be fully operational. If you make the trip and have the room take a plane with you and check it out. One way the trip takes 3 to 3 1/2 hours so you might want to spend the night to give yourself plenty of time and not have to hurry.

# Remote Control Model crosses Atlantic

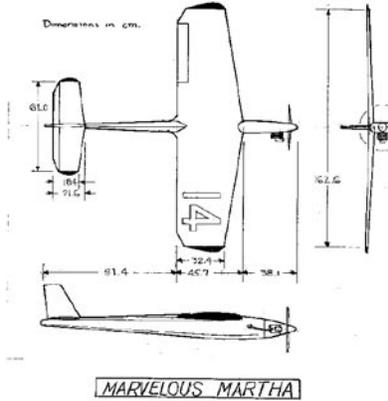
You may have heard that recently a remote control model has been flown non-stop across the Atlantic ocean from Newfoundland to Ireland. I did a little digging and found some more info on it and a couple of pictures.

## How it was done

The TAM model will be flown by a pilot using standard R/C hobby gear to a planned cruising altitude of about 1500 ft. There it will be put into an autonomous mode, steered by global position satellite signals and an on-board microprocessor. The flight of about 1950 miles is expected to take about 45 hours at 45 mph. No tail-wind will be needed although there probably will be one. The position of the airplane, as well as technical data about altitude, speed, engine rpm, and some autopilot functions will be telemetered to satellites and returned to monitors on both sides of the ocean. On arrival at its destination, an R/C pilot will take over control and land the model.

## The Plane

To get the FAI record the plane couldn't weigh more than 11 lbs and have an engine bigger than 10 cc, in reality it weighed 5.5 lbs and carried 5.5 lbs of fuel. It was powered by a 10cc 4 stroke engine and had a wingspan of 6.5 feet.



**IF YOU PAY BY MAIL SEND YOUR DUES, PROOF OF 2003 AMA MEMBERSHIP AND A SELF ADDRESSED STAMPED ENVELOPE TO THE TREASURER:**

**CHUCK KENTFIELD  
6843 Gallagher Cove Rd. NW  
Olympia WA 98502**

## CLUB OFFICERS

**President.....Jody Diaz ..... (360)427-6102**  
**Vice President .....Dick Robb ..... (360)427-4521**  
**Treasurer .....Chuck Kentfield ..... (360)866-9473**  
**Secretary .....Bob Beatty ..... (360)426-5601**  
**Field Marshal .....Chuck Kentfield ..... (360)866-9473**  
**Safety Officer .....John Tupper..... (360)426-6383**

**Board Member .....Jody Diaz ..... (360)427-6102**  
**Board Member .....Dick Robb ..... (360)427-4521**  
**Board Member .....Herb Coslett ..... (360)275-4158**  
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**Board Member .....Darryl Casad ..... (360)275-8690**  
**Alt Board Member .....Bob Beatty ..... (360)426-5601**  
**Alt Board Member .....Chuck Kentfield ..... (360)866-9473**

## Get your Raffle Tickets

Thanks again to Joe and Debralee Hein for the donation of the Lanier F-86 (.40-.46) The F-86 has all the control surfaces installed with control rods on, and the gas tank installed. It's been flown once. All you need is the radio gear, servo's and an engine. The proceeds from this raffle will go to the Scholarship fund, so come to the meeting and buy a ticket. It's for a GREAT cause.

This raffle is open to the public.



## Events around the Sound

September 6th & 7th..... Salmon Arm Seaplane event

September 17th..... Snipe pylon race (ORCA's)

September 20th & 21st ..... MRRCS fly-in/Swap meet

Contact Jerry Cohen 253 435-0364

## August Scale Fly-in

The August Scale Fly-in was another success, we had beautiful weather and a pretty good turn out. Once again many thanks to Bob and Chuck for taking care of the cooking. (it sounded to me like they were getting ready to stage a rebellion so everyone talk nice to them!!!)

In my opinion the highlight of the fly-in was Jody's Great Planes 1/3 scale Pitts Special.



Jody bought the Pitts at our swap meet last April. What a beautiful plane.

We also had a good turn out from TCMAA, hope they enjoyed the day as much as I did.

### Other Scheduled Events

September 20th..... fly-in??? Any one interested??

September 26th..... Demo for Pioneer Middle School

No other events are scheduled at this time

## Balsa Facts

### Where does Balsa Wood come from?

Balsa trees grow naturally in the humid rain forests of Central and South America. Its natural range extends south from Guatemala, through Central America, to the



A small part of the planes at the McMinnville fly-in

north and west coast of South America as far as Bolivia. However, the small country of Ecuador on the western coast of South America, is the primary source of model aircraft grade balsa in the world. Balsa needs a warm climate with plenty of rainfall and good drainage. For that reason, the best stands of balsa usually

Continued on page 5

## Tips

### Cutting holes in your covering job

Why would anyone want to make a hole in a nice new covering job? Holes for wing bolts, switches, hatch screws, and pushrod openings come to mind. You could cut the opening with an X-Acto knife or a razor blade, but then you have to adhere the fresh cut covering to the surrounding wood. The solution: get an old soldering iron tip (preferably pointed) and cut the opening with it. I use a 25-watt Weller, and it cuts through the covering with ease, making a perfect seal. Once you try this, you won't want to do it any other way. One word of caution: clean the tip after each cut. You can use a wet sponge. If you don't clean the tip regularly, the burned covering will cake on, and not only will it smell, it will inhibit future cuts because it will not use maximum heat.

from Thundervolts Newsletter  
Albany Thundervolts R/C Club  
Albany OR

### Marking dark MonoKote

Putting any kind of decent marks on MonoKote is difficult, especially if the MonoKote is a dark color. This becomes a hassle for you when trying to accurately place control horns or mount a switch to a surface that's already covered. Try putting down a piece of masking tape in the approximate location. Then line up the horn or switch plate and make your marks on the tape. The marks are visible, and you can cut or drill right through the tape. You can pull off the tape easily by pulling it sideways over itself (i.e. don't pull straight up or you may lift off the covering).

from RC Prop Wash  
Ocala Flying Model Club  
Dick Smith, editor  
Ocala FL

### FCC Examining Broadband Over Power Line Service (BPL) (Added 8/08/03)

**The Federal Communications Commission has launched an inquiry into the provision of broadband services over power lines. This service would provide users with the ability to connect to broadband services (such as the Internet) by simply plugging a BPL device into an electrical outlet.**

**While AMA realizes the potential for such a system we are concerned that there may be an interference issue for users of radio control systems. BPL would utilize frequencies in the 1.8 MHz to 80 MHz range. AMA is currently studying this issue to determine the affect this could have on our membership, and will be filing a reply comment with the FCC shortly. Depending on the outcome of this study further action by the AMA membership may be requested.**

**For more information Contact AMA Technical Director: Steve Kaluf at 765-287-1256 ext 230 or [skaluf@modelaircraft.org](mailto:skaluf@modelaircraft.org) .**

(From the AMA web site)

## Balsa Facts (cont.)

appear on the high ground between tropical rivers. Ecuador has the ideal geography and climate for growing balsa trees. The scientific name for balsa wood is *ochroma lagopus*. The word balsa itself is Spanish meaning raft, in reference to its excellent floatation qualities. In Ecuador it is known as *Boya*, meaning buoy.

### *How does Balsa Wood grow?*

There is no such thing as entire forests of balsa trees. They grow singly or in very small, widely scattered groups in the jungle. For hundreds of years, balsa was actually considered a weed tree. They reproduce by growing hundreds of long seed pods, which eventually open up and, with the help of the wind, scatter thousands of new seeds over a large area of the jungle. Each seed is airborne on its own small wisp of down, similar to the way dandelion seeds spread. The seeds eventually fall to the ground and are covered by the litter of the jungle. There they lay and accumulate until one day there is an opening in the jungle canopy large enough for the sun's rays to strike the jungle floor and start the seeds growing. Wherever there is an opening, made either by a farmer or by another tree dying, balsa will spring up as thick as grass. A farmer is often hard put to keep his food plot clear of balsa. As the new balsa trees grow, the strongest will become predominate and the weaker trees will die. By the time they are mature, there may be only one or two balsa trees to an acre of jungle.