

Radio Control Flyers Unlimited

Flight Plan

AMA Charter # 1442

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www.rcflyersunlimited.com

Current News

Well, we have a few things happening during October. First of all, Duck season will be starting. Based on California regulations, Duck season for our area, at the lake is from October 24, 2009 through January 31, 2010. During that time, the gates at the field will remain locked until 10 am. There will be no entrance to the field prior to that time for any reason. If you choose to violate this rule, the club will run the risk of losing our field. Plus, you may have your membership revoked and you will not have access to the field for flying. It appears that the county is already setting up Duck blinds in the lake.

The next thing is our annual nominations for club officers. The nominations will be accepted for President, Vice President, and Secretary/Treasure. Please come to the October Club meeting and make your nominations be known.

Finally, I will be sending out the annual billing. This will take place, hopefully, by the end of October. When you get your billing statement, please take time and put your email address on the form. If you do not, then please put on the form that you do not have one. The reason for this, is that I am going to streamline the newsletter. Because of the added requirements by the Post Office and the escalating costs to make copies and mail them off, I will be implementing a online version only of the

newsletter. If you do not have access to the internet (no computer, access, etc) you must let me know on the billing form, or I will assume that you have online access. Right now I have to make on average of 575 copies per month, and now with the new regulations with the Post Office, the newsletter cannot be sent as it has been without doubling the postage, therefore, I will have to use envelopes to mail the newsletters, or get special tabs to seal the folded pages. I plan on implementing this new policy as of January 2010. Currently all members can access the web site and obtain a copy of the current newsletter and up to 4 years of archives.

Our 5 year lease lapsed on September 1, 2009. The county has evoked its option to extend the lease for up to 5 more years. Instead of an annual renewal, it will be on a month by month bases for remitting the fees. This will allow the county time to draw up and ratify a new lease contract for us. Based on the current economic problems, the county has tabled the new lease for a little while.

It looks like we already have a date for next year's swap meet at the field. It will be held on March 27, 2010. If you have an idea for an event for next year, now is a great time to finalize a date and get the information to the AMA, IMAA, IMAC, etc to be sanctioned and posted on their periodicals.

Also as a reminder, the Toys for Tots event is scheduled for December 5, 2009. Please plan to attend and bring a toy.

PILOTS CORNER

Fun Fly Ideas

From the Wings RC Club, Le Mars, Iowa

Taxiing Contest: This is a timed event. Airplanes will start at a start/finish line, taxi to a turnaround line, and taxi back to the start/finish line. Fastest time wins. Two wheels must remain on the ground at all times. In the case someone enters a tail dragger, the rear wheel can come off the ground.

Hints: Make sure your steerable wheel is aligned and that your airplane will track straight on the ground. Apply full down trim to the elevator to keep your airplane from taking off. As soon as possible apply full throttle while keeping the model moving straight. Somewhere between 40 and 50 feet from the turn around, decrease the engine's power to an idle to avoid tipping the aircraft while turning around. Keeping the model moving in a straight line with full power can be tricky; it would be a good idea to practice before the contest. You might have to apply a little down elevator to keep the model from taking off when it picks up speed.

Timed Take Off and Landing: This is a timed event. The airplanes take off from beyond a start/finish line. The stopwatch starts as soon as the model is airborne. The aircraft circles the field, comes in, and lands beyond the start/finish line. The stopwatch stops as soon as all three wheels are back on the ground.

Hints: Try not to gain too much altitude after taking off. After crossing the finish line a spotter will call out "turn." Make a sharp turn, cut power, and come in on a short approach. Make sure you carry enough speed for the model to land beyond the finish line or that run will be disqualified.

Spot Landing: Three circles are drawn on the field. Landing inside the small circle will count for five points, the middle circle four points,

and the large three points. Two attempts are permitted, scores are added and the highest score wins.

Hints: This event is not timed. I suggest you make a long approach to the field, this will allow you to line up with the circles better. On approach a combination of engine speed and up elevator trim will allow you to make a shallow, controlled approach at a low speed. As you near the circles, decrease engine speed and drop down onto the field.

Hands-Off Event: This is a timed event. Take off and climb to 200 to 300 feet. Put in some left or right rudder or aileron trim, just enough to make the airplane fly a wide, slow turn. Add enough up elevator trim and engine speed to keep the airplane from losing altitude in its slow turn. When you are happy with the trim, put the transmitter down and tell the timer to start. Before the model hits the ground or flies out of sight pick up the transmitter and the stop watch records the total hands-off time.

Hints: You will have to adjust for any wind by starting upwind. How much engine speed you let the airplane fly with will depend on the design of your airplane. Too much speed and it will gain too much altitude. Not enough speed and you will have a short run. Make sure you have a full fuel tank.

Improving Poorly Controlled, Dangerous Takeoffs

by Jim Devine

From TRAC News, Tampa Radio-Control Aircraft Club, Tampa, Florida

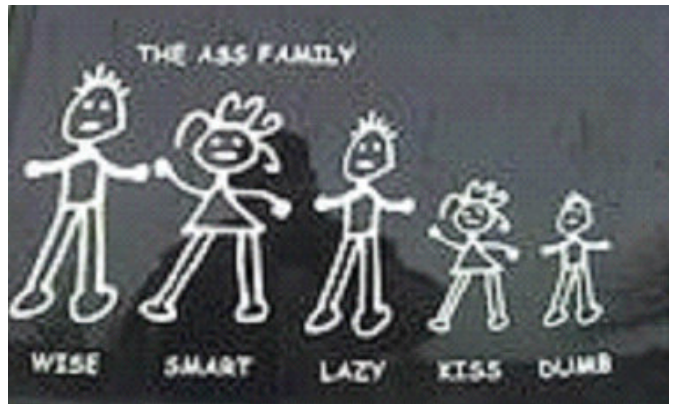
How often have you seen an airplane that is taking off veer toward the pilot stations? Usually the pilot gives the engine more gas and, using the ailerons, yanks the airplane back to the right. Occasionally, the airplane continues to the left, clears the safety barriers, and heads for the people in the pits and the cars just beyond.

If you have poorly controlled, potentially dangerous takeoffs, try practicing control of your aircraft on the runway. First, check the wheels and make sure they have a little toe-in. Also, the wheels should not continue to spin when given a flick. To create friction and avoid free-wheeling, slip a 3/16-inch long piece of fuel line on the axle and push the retainer collar in tight. With proper adjustment, the wheels will turn only if you push them with your finger. This braking action allows for a high idle speed without the airplane moving, which reduces the chance of the engine dying when the idle is too low. This also helps stop an airplane that might otherwise roll off the end of a runway during landing.

Choose a day when the wind is light and the runway isn't being used. Practice taxiing back and forth the length of the runway, using the rudder for control. Stay within a few feet of the yellow center line. When you have mastered taxiing at slow speed, click the throttle up an-

other notch or two and keep practicing. With enough practice and a slow, smooth application of power, you can approach takeoff speed while moving down the center of the runway. You also can practice aborting the flight by shutting off fuel when you're about to lose directional control of the airplane.

With this improved directional control and practice at aborting a poorly controlled airplane, your takeoffs will be much safer and a pleasure to watch.



Cash Flow Report

<u>Income</u>		<u>Expenses</u>	
Club Dues (including initiation fees, field assessment fees, and Donations)	\$0.00	Port-o-potty service	\$240.00
Event income	\$1,073.00	Newsletter	\$108.38
		Lease Payment (2 Months)	\$115.00
		Field Expenses: Fuel	\$140.09
		Service Charge	\$14.00
Totals	\$1,073.00		\$617.47

Last Month's Total	\$1,443.24
Income	\$1,073.00
Expenses	(\$617.47)
Balance	\$1,898.77

**The October Club meeting is scheduled for:
 Wednesday, October 14, 2009 at 6:30 pm
 at the Police Station at 10th and G sts.**