



HI-SKY R/C FLYER

June 2011

President: Chris Rutter
Vice President: Henry Smith
AMA Charter Club #851

Volume 40 Issue 6

Treasurer: Ed Anderson
Secretary: Ralph Gillette
www.hiskyrc.com

Meeting Notice: The June meeting will be at the flying field again on June 7, 2011. The meeting will start at 7:00PM. Come early and fly unless it rains and then we can watch it rain.

HI SKY R/C Club Minutes: May 3, 2011

Meeting was held at the Club Field.

Great day for flying. Lots of activity before the meeting. Very little wind.

Meeting called to order at 7:10 PM by President Chris Rutter. 19 members were present.

Minutes: Minutes were approved as published in the newsletter.

Field Report: Jim Tarrt reported that the field is doing pretty good. The safety nets lasted through last Sunday's high winds. Tom got the mowing done before the fun fly on April 10th.

Safety Report: AJ reports that we have been very safe.

Treasurers Report: We have money in the checking,

Improve Your Flying Skills at Home: Part 2

By John Burdin

From the Imperial Radio Control Club, Lakeland, Florida

In Part 1 we looked at a brief history and overview of the RC Flight Simulator as it relates to all levels of RC pilots. The single biggest benefit with an RC flight simulator is that all of this can happen on your schedule and while you're at home.

As we learn to fly, and our skill level and confidence increase, we all develop certain habits and tendencies. To help illustrate this, just take a look the next time you are at your local flying site at several pilots and watch them. Chances are they will fly basically the same flight pattern during most of their flights. Habit, habit, habit, and possibly some are missing skills. Notice how many of your friends can actually do both a left- and right-hand landing pattern. What about you?

The desired result from RC flight training is for you, the pilot, to be able to make your model go where you want it to go, and do it with confidence. Like most things we do, the more we practice the more confidence and skill we gain. Using a flight simulator at home could be the answer to making your days at the field more enjoyable and less terrifying.

There are many things that one can practice while on a flight simulator. If you are a "newbie" and you are happy to get your new ship up and back on the ground in one piece, there is obviously some work to. At this level some basic training is still needed, and don't be bashful about asking for help from your club instructors. This is also a great time to get on the flight simulator. Here is where you can practice your takeoffs and landings from the right and the left.

Try flying a large rectangle around your flying site maintaining altitude, keeping your model going in long straight lines, turning nice 90° corners, and doing this in both left-hand and right-hand patterns. This is making your model go where you want it to go.

After doing this on the flight simulator, do it at your

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savings and CD accounts. Got the bill for the caliche, two loads were \$544.00, delivered.

2011 DUES ARE DUE

Activities: The Fun Fly was blown away. Only a few showed up and there were some flights that ended in crashes.

IMAC	May 28/29
Fajita Fly-in	June 18/19
Pylon Race	July 2 (Fly what you bring) - (Cook what you bring)
Calling all Hogs	August 20/21
Fun Fly/Pylon Race	Sept/Oct
Electric Fly	Horseshoe is set for one day only, October 23 rd .

Old Business: Bruce Hoover reported on the club Tee shirts. The Tee shirts will sell for \$20.00, with \$6.00 going to the club. Bruce is taking care of the ordering.

New Business: Matt Allen asked about flyers to give out info on the club and where the field is located. General discussion held and it was suggested that we use the old business cards Dennis made up for the electric fly. Chris passed out cards to those that wanted them.

Show and Tell: None.

Club Raffle:	Servo Tester	Alvarez
	CA glue	Anderson
	CA Kicker	Alvarez
	PT 40 plans	Rutter
	Knife	Hoover

Next meeting: At the Club Field, 7:00PM June 7th.

Meeting adjourned at 7:30PM for more flying.

ON THE SAFE SIDE

Propeller Tracking

By Jim Tiller, Insider Safety Column Editor

We all know it is imperative to balance a propeller before installing it on your airplane. It is also important to check propeller tracking whenever installing a new propeller. A propeller that is not tracking properly will cause vibration similar to that of an out-of-balance propeller.

Propellers can be out of alignment by manufacture, or from over tightening—especially with wood propellers. The problem is exacerbated in large propellers with multiple holes. Each bolt should be

tightened the same amount to prevent a tracking problem.



Once your propeller is installed, it is quite simple to check the tracking by setting up an indicator, such as a square next to the propeller blade. Tie down the airplane if necessary to prevent it moving as you turn the propeller through a couple of revolutions. Each side of the propeller should show the same gap as you turn (see the picture). If your propeller is not tracking correctly, you can try sanding the hub a little on the high side and then retesting. With wooden propellers, sometimes just loosening the propeller, moving it a quarter turn, and retightening can solve the problem.

With large wooden propellers, you may want to retest the tracking when taking the airplane out of storage for the winter. Humidity and temperature changes sometimes cause warps.

If you cannot correct the tracking problem, it is better to set it aside than risk suffering some vibration related catastrophe.



CALENDAR OF EVENTS

Amarillo, TX Annual Fun Fly

Buffalo RC Club Field
June 4 & 5, 2011
\$15.00 landing fee f/both days and lunch

Big Spring Fun Fly

John Wesley Field
June 11 & 12, 2011
Visit www.bsmaa.org for more information

Old Farts Four Stroke Fly In

Ft Worth Thunderbirds Club Field
June 15, 2011
Limited to Four Stroke engine powered planes

Fajita Fly In

Midland Club Field
June 18 & 19, 2011
Anything that flies

Texas Chiefs Open House

Haskell, TX Model Airport
June 25, 2011

Pylon Race

Midland Club Field
July 2, 2011

Albuquerque IMAC Challenge

George Maloof Air Park
July 23 & 24, 2011
Events 411, 412, 413, 415, 414(JSO)

Do It Yourself Fly In

Odessa Club Field
August 13 & 14, 2011
Bring something that flies

Callin' of the Hogs

Midland Club Field
August 20 & 21, 2011

HorseShoe Electric Fly In

Midland Horseshoe Arena
October 23, 2011

More "You Might Be IF"

You know what "Dumb Thumb" really means.
You buy a gas "weed eater" and start thinking about converting it into a rc engine.
You have to explain to people that you belong to AMA, but you are not a doctor.
You have ever taken your plane off with the ailerons servo not plugged in and landed safely.

flying site. If you don't have a flight simulator this is still a great objective to work for. This format can also be used to complete figure eights and 360° circles in front of you from the flightline. These exercises are critical to gaining confidence and an increased skill level during the early stages of your RC flight training.

Now that you are getting in the groove, and having fun, it's time to learn some basic aerobatic maneuvers. How about a simple loop or a single roll? You probably don't need a flight simulator for these maneuvers, but you may want to perfect them on a simulator. From there let's try Knife Edge flight. How was that the first time you tried it with your model? Maybe we do need to go to the simulator to learn this maneuver so it makes it a lot less stressful when you try it again with your actual model.

From basic and advanced training let's try some more complex maneuvers. Let's try a slow roll, and a four-point roll. These two maneuvers require that you move both sticks in various directions at the same time. Yes it is confusing, and I have always advised pilots that it is tough to learn these maneuvers in the air. Because of the coordinated movement required with both sticks, this is a perfect opportunity to get in front of an RC flight simulator.

I remember when I was attempting to perfect the stick movements for both of these maneuvers many years ago. I could do them, but it was a mess! So I took my transmitter and sat in my favorite chair while watching TV. That's right, I closed my eyes and visualized my model and moved the sticks. I did this numerous times until it became routine, and when I tried it at the flying site, it was obvious that the off-site practice paid off. This was my preflight simulator, and today one may do this while flying on a simulator, and when it's time to go to the flying site, your confidence will be greatly increased and your skill level will soon follow.

Flying full-scale aircraft it's all about the seat time. Flying RC models it's all about stick time, and an RC flight simulator may save you time and money while dramatically increasing your "Fun-O-Meter" reading!

You might be an RC Modeler IF:

You have ever got to the field and realize you left your transmitter at home charging.
You have ever taken off with the glow igniter still attached to the engines glow plug.
You have ever brought your biplane to the field and realize you brought only one wing.
You have ever had to borrow a wing tube because you left yours at home.
You bring your new electric plane, fly a couple of flights and look for your charger that you left at home.

Student Trainer

The Balsa USA Student Trainer is intended as a building trainer designed for anyone who is looking for a first build. The Student Trainer will assist those who want to become model builders and take them through the basics of actually building a wooden model airplane from start to finish. Consider it a complete course in model building, and not just the instructions to a kit.

The 72-inch-span model has 840 square inches of wing area and a flying weight of approximately 7-8 pounds. The intended power system is a .40-.46 two-stroke or .50-.60 four-stroke engine.

If you ever wanted to build an airplane from a kit, the Student Trainer would be a great choice with the guidance it provides as part of the manual.

Balsa USA: Box 164, Marinette WI 54143; Tel.: (906) 863-6421; Website: www.balsausa.com



Beginning in June I am going to try once again to build a plane from a kit. My first and very bad experience to do this was trying to build an Astro Hog, which I later learned was not the ideal first kit. Ha!

I saw the above advertisement for the brand new Balsa USA "Student Trainer" kit and I was intrigued. I ordered the kit and it arrived in short order and in good shape. I opened the box and began to examine all the parts. To me, a first time builder, there are a lot of parts. It's pretty intimidating!

Balsa USA is claiming that this kit will truly teach you how to build a RC plane from a kit and I am inclined to agree at this point. The box contains four different manuals totaling over 180 pages of instruction covering not only plane assembly but a ton of "how to" tips and helps for the first time builder.

I am about half way through the four manuals and on the surface, Balsa USA may have indeed produced a kit that is long over due, but we are going to find out for sure. I am going to bring the kit to the meeting on June 7th so everyone can have a look, and then I am going to begin construction of this kit and will share of my adventure in this newsletter, so that my experience may inspire other new members to this hobby like myself to step out into the unknown and try their hand at actually building a plane from a kit.

In the mean time, I am still reading and studying the material, gathering tools and supplies, and of course praying for a steady hand and lots of patience (not my strong suit). Ha! We will find out if an ordinary ARF flyer can indeed earn the prestigious title of "BOK - Builder of Kits".

Till next time,

Ric

From the Robbins Nest:

I recently attended the 1st annual West Texas Indoor meet, held in Lubbock Texas, May 14th-15th. The venue was held in an old grain storage barn, (completely remodeled with three full basketball courts, concession area and seating, and very nice bathroom facilities.)

What made the event such a huge success what the size of the facility, 200' x 100'x 85' ceiling, and the hospitality demonstrated by the Lubbock Club. Lubbock is a little less than two hours from Midland, and well worth the drive to get to fly and visit fellow modelers from West Texas.

Enjoy the photos of the event. Some of the local midland folks who made the trip were David Harrell and his son, Taylor. Club members who made the trip were Matt Allen, myself, and my oldest son Justin. Many of the folks who regularly attend the Plainview fly-in made it down to the event as well, as well as some folks from San Angelo.

Everyone who attended had a great time.

Be sure to put this event down on your schedule for next year, you won't be disappointed!

Other indoor flight opportunities coming soon:

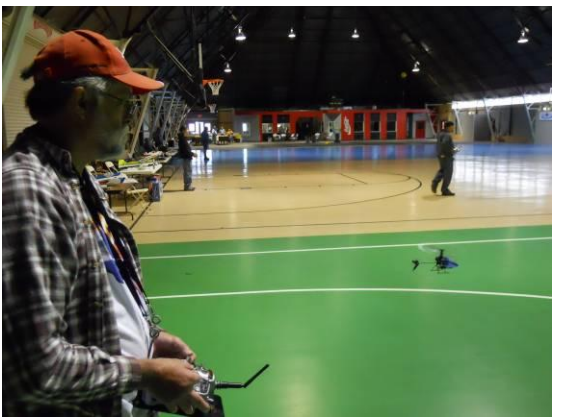
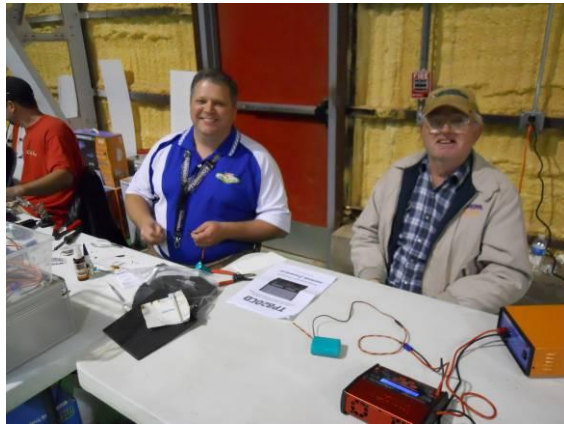
SPEF Indoor fly-in, Plainview, Texas, June 4th & 5th, 2011

(you know where I'll be this weekend!)

SPEF Indoor fly-in, Plainview, Texas, Sept. 24th-25th, 2011

The Horseshoe indoor fly-in, Midland, Texas, Oct. 23, 2011





***** MUSTANG MANIA *****

An unbelievable deal if you are a hardcore fan of the legendary P-51 Mustang. I'm selling everything Mustang from a Pilot's Operating Handbook and 1/48 scale plastic model to the ultimate RC scale Mustang by Aerotech. Check out the bundle below.

In addition to the POH and the Monogram plastic model, I'm including an old Fliteglas Mustang (.60 sized, for Rhom retracts, flyable with a bit of fixin'), two House of Balsa .40 sized Mustangs, (one the highly desirable fiberglass fuse, about 80% finished and one finished, with a minor repair needed to install the retracts), one House of Balsa Mustang kit, one Dyna-Flite Mustang (about 60% finished, .60 sized), and, the queens of the fleet, a Top Flite 1/5th scale Mustang complete with Hi-Tec Eclipse radio, Moki 2.1 engine, ready to fly, and an 100% dead nuts 1/5th scale Aerotech Mustang, about 80% finished, with ALL the bells and whistles, including highly detailed cockpit, pilot, sliding canopy, four-bladed display prop with extra spinner, highly detailed Mustang wheels and tires, retracts with scale gear legs, functioning inner gear doors, drop tank sway braces, ALL rivets and panel lines in the exact right locations...the ultimate Mustang. I intended to use the Top Flite Mustang as the "trainer" to break in the radio and engine and so will only sell them as a pair. **ALL OF THIS FOR \$2750.**

Also for sale:

- 1) Spitfires galore...A Spitfire package including a Dave Platt Spit Mk. 12 kit (88 inches, ultimate Spitfire model, no longer available), a Top Flite .60 sized Spitfire IX kit no longer available, and the ultimate ARF, a Spitfire Mk. 24 by Kondor Model Products, 80 inch wing span, beautifully built and painted, \$450 retail, Literally a steal at **\$600** for all three.
- 2) Top Flite P-39 Airacobra kit, no longer in production, .60 sized with interior kit included. **\$75 SOLD**
- 3) A true classic collectable kit, a Jetco/Sig PT-19 for .45 to .60 engines, very scale; a builder's kit. **\$100**
- 4) For you EDF fans, an F-4N Phantom, complete and ready to fly and an A-7 Corsair II, also complete and ready to fly. Both for **\$200**
- 5) A Sig "Kadet Senior," 80 inch wing span, with K&B .40, radio (needs Rx and Tx battery packs replaced), a great three channel trainer, almost ready to fly... **\$120 OBO**
- 6) A real unusual pairing, a Dyna-Jet pulse jet engine and a Dooling .29 speed engine, **\$80 OBO**
- 7) Two Guillows stick and tissue classic display models, built, a B-24 Liberator and a B-17 Flying Fortress, **\$5 each**
- 8) NIB OS.26 four stroke and NIB Cox .020...rare to find NIB...**\$75 for one \$40 for the other**

So, why am I selling? After 55 years in the hobby, the flame just doesn't burn as brightly. Alfa Models and flying at the park is about all I can do these days, so here is your chance to get some really good scale stuff at a great price.

I'll part out everything but the two big Mustangs: they need to go together.

Best to reach me via email at [SNJ24@ att.net](mailto:SNJ24@att.net). Bill Coombes

For sale:

OS 160FX with muffler. Bought at swap meet in Odessa and have never used it. Great shape!

Contact James Hoffman at: jameshoffmandude@yahoo.com

Or: 432-638-1780