

THE CLANKING ARMOR

July 2011
AMA CLUB # 405

PO Box 83605
Lincoln, Nebraska
68501-3605



NEWS AND ACTIVITIES OF THE LINCOLN SKY KNIGHTS R/C CLUB

President's Message

I received a notice from the Omaha Hawks that Jim Wallen, our District Nine V.P., and Mark Smith, AMA President, were going to be passing thru Omaha last Friday, July 29th, and would be at their field that evening before their monthly meeting to visit and discuss any AMA concerns. Mark could not make it as his flight was cancelled.

Don Svoboda and I pedaled over and had a nice conversation with Jim. Found out he grew up in Seward. Nice fellow to talk to. Anyway, the FAA, in their infinite bureaucratic way, still has not published any new rule proposals. Maybe in October, best guess. If any of you guys have not contacted your representatives you need to do it. There is a serious threat that they could impose strict rules that could limit the way we fly now. AMA's website has sample letters that suggest form/what to use. Also, AMA headquarters is starting to get back to normal after the great turnout for the Nats and 75th anniversary events. AMA has no rules pertaining to 3-D flying other than following the standard safety rules and it is up to the individual clubs to establish the way their field is used. Above all courtesy and safety are the words.

Dave

Answers to Visitors Jeopardy Questions

No, it's not a toy

Yes, it does fly

Higher & farther than you can see

45 to 200 mph

5 to 30 minutes

No, it isn't easy to fly ~ but you can learn

Get a computer simulator or an instructor

Depends on the crash

Runs on methanol, gasoline, electricity,
depending on engine

\$100 to \$10,000

No, you cannot fly my plane

Please do not talk to me while I am flying

Secretary's Notes

Minutes of July 2, 2011

Meeting Minute notes as taken by Brad Pankoke, since the only officer present was the President, and he was late due to a senior moment and the meeting did not start until after eight o'clock.

The Minutes of the June meeting were approved as published in the newsletter.

VP/CD Report ~ Absent

Treasurer's Report ~ Absent. However, Tim O'Brien & Gary Dunkel report that the Huck Fest showed a profit of \$1,500 and change. This will offset a lot of the field improvements done prior to same.

Safety Officer ~ Covered under New Business.

New Members ~ None

Old Business ~ None

New Business ~ A lengthy discussion followed as follows. Concerns were made about flying over the runway went under debate.

A motion was made by Don Svoboda, seconded by Don Saiser, that "all flying be done east of the paved runway" – and a sign be placed at the north and south pit boxes stating same. Motion carried.

Don Svoboda volunteered to make and place the signs.

Model of the Month ~ None

Meeting adjourned after 9:00 p.m.

Legacy Pattern Contest

The July 24 Legacy Pattern Contest turned out well. Eleven contestants entered. All but two or three were Lincoln Sky Knights. The forecasted rain didn't materialize. A mild easterly cross wind prevailed most of the day. Temperature was seasonal. Three rounds were flown interspersed with a lunch

break.

We used the Senior Pattern Association maneuvers as in the past. This year the maneuvers were slight changed. A new class, B-Novice, was added at the last minute. This class was introduced for the first time entrants who weren't quite ready for the new Novice Class with its inverted flight.

B-Novice

1st Place - Ric Feldman

2nd Place - Justin Gebes

Novice

1st Place - Rick Miller

2nd Places - Gary Dunkel

3rd Place - Tyler Brown

4th Place - Brian Ranson

Sportsman

1st Place - Riley O'Brien

Expert

1st Place - John Willman

2nd Place - Nick Reiss

3rd Place - Allan Worrest

The competition was tight for the top place in the B-Novice, Novice, and Expert classes. From the scores, the first two places in B-Novice and Novice were separated by less than 10%. It was even tighter in Expert where the difference between John and Nick was less the 1%.

Laser engraved plaques were presented to the first three places in Novice, Sportsman, and Expert. Only one plaque had been ordered for the B-Novice. However as there was no one to take second place in Sportsman, that plaque was given to Justin Gebes with the suggestion he should take a felt pen and change the category on it.

While Mike Yearley had entered the Expert class, he had engine problems. As he was also the CD and head chef, he decided not to fly.

In addition to the plaques, merchandise was awarded to all participants. There was enough to do a couple rounds of drawings. Our sponsors this year were:

Great Plains, Inc. donated a flight simulator
HobbyTown USA - Lincoln donated a \$50 gift certificate
SIG Manufacturing Company, Inc. donated two discount certificates
Radio South, Inc. donated two labor discount certificates
Micro Fasteners donated an assortment of fasteners
Landing Products - APC Props donated three vouchers for free props
Bob Smith Industries donate an assortment of CA adhesives

The following members are to be commended for the work they put into the event: Mike Yearley for officiating as the CD and cooking, Tyler Brown and John Willman for assisting Mike, and David Greathouse for registration duties and general help.

Submitted by Allan Worrest, event coordinator and scorekeeper.

Wings Across America

From Leonard Akert –

About Wings Across America 2008

A group of model airplane enthusiasts will fly a battery powered Radio Controlled (RC) airplane designated as a parkflyer in all 48 contiguous United States. A parkflyer is a small RC plane typically flown in a field such as a local park or soccer field. The name they have given this adventure is Wings Across America 2008 or WAA-08 for short.

This type of project has been attempted

before, but what sets this project apart from all the others ever attempted or completed is that the pilots will hand deliver the plane from pilot to pilot. The plane will never be shipped by mail to its next destination. This method will be creating a "chain" of pilots that personally fly, then hand off the model to the next pilot, all across the continental United States. In the end, the model airplane will have flown in all 48 states and cover a distance of over 14,000 miles along the way. It will end its journey at home field about

12 months after it made its maiden flight in eastern Virginia. Currently, over 260 pilots have registered to take part in this history making project.

WAA-08 is the brainchild of Frank Geisler of Gloucester, Virginia. Frank is an avid RC pilot who also enjoys discussing flying with people all over the USA using the RC Forums on the World Wide Web. When Frank discussed this project with some of his on-line friends, it was received with such enthusiasm that the project was born of this energy. All that was needed were hundreds of RC pilots across the US in every state willing to fly the plane at their home field then drive to the next pilot, thus forming a nationwide network of pilots who would fly across America.

The equipment used for WAA-08 has been donated by the participating pilots. Fortunately, one of the pilots owns Stevens AeroModels in Colorado Springs, CO. Bill Stevens donated a plane called a SQUIRT which stands for Simple, Quiet Reliable Trainer. This tough little 38" wingspan parkflyer is easy to fly and should take the abuse that over 260 pilots can dish out. Bill also talked his Horizon Hobby sales representative into donating their newest high-tech radio system to go along with the plane. Batteries and a charger were donated by Common Sense RC. To insure the batteries for the plane were safely transported, Big Al's Hobby Supply from Tupelo, MS, donated a Lipo sack.

The RC community has really embraced the idea of flying this plane across America. There are so many wonderful and generous people involved in the radio controlled airplane hobby. No other hobby has so many people willing to help folks involved in the hobby and out of it. We have seen RC pilots donating to people with losses in natural disasters, personal losses, including but not limited to sending RC related equipment to our Military deployed in the war on terrorism. The sense of camaraderie demonstrated by the pilots in this project has been outstanding. The RC community is always looking at ways to promote the hobby and introduce the fun, excitement, and learning opportunities this hobby has to offer to young adults. What better way is there then to fly a model airplane around the USA?

Mission Statement

Provide an atmosphere in the spirit of camaraderie by having a single, focused goal of flying a radio controlled airplane around the 48 continental United States in an expeditious manner to help promote the hobby of radio controlled flight.

Vision Statement

Fly a battery powered model airplane (Stevens Aero SQUIRT) in all 48 states by as many pilots as possible at their local fields. The plane will be hand-delivered to the next pilot on the list creating a "chain" of pilots that theoretically fly the airplane across the United States and back.

More details - <http://www.waa-08.org/>

The Squall

By Tim O'Brien

A few club members may have seen these little foam ducted fans fly at the June funfly huckfest event. They are the Squall HP version from Phase 3 aircraft. I went ahead and purchased one along with several other guys in the club and other pilots from around the area. I have had a lot of questions about them, so thought I would contribute an article to the newsletter.

Quick overview - \$100 or so for the kit and it includes ESC, fan, and motor. All you need to finish the plane are cheap 9gram servos and a 4S 2200-3000mah lipo. Altogether the plane runs about \$150. There is also a thrust vectoring option that adds about \$25 to the price. Build time is under two hours and requires CA and epoxy.

I consider myself an average pilot and these jets are stable and pretty easy to fly. If you are on your 3rd airplane you should have no trouble flying one of these birds. They have a top speed of around 80mph.

HobbyPeople sells the Squall - <http://www.hobbypeople.net/index.php/phase-3-squall-edf-4-cell-hi-perf-arf-w-fan-motor-esc.html>

Or if a group of guys is interested again, I can call our friends in Council Bluffs and should be able to get a deal again if we order several. Contact me if interested soon - timobrien1@gmail.com

Might be fun to have an electric fun fly in the next few weeks. I would be willing to help coordinate if others would help. Thoughts?

A few photos of some Squalls!!!



Colors and Markings Guidelines for US Navy and Marines WW II Fighters. This document was acquired by Glen Lau and he was granted permission to reproduce for the club newsletter. Enjoy

Colors and Markings

The U. S Navy and Marines WW II fighter aircraft colors cross-referenced to the U. S. Federal Standard colors are:

- Light Grey F. S. 36492 (undersides)
- Blue Grey F. S. 38118 (undersides)
- Dark Gull Grey F. S. 36270 (undersides)
- Light Gull Grey F. S. 36463 (undersides)
- Non-Specular Sea Blue F. S. 35042 (topsides)
- Glossy Sea Blue F. S. 15042 (overall)
- Intermediate Blue F. S. 35164 (mid-fuselage camouflage)
- Bright Red F. S. 31136 (insignia and markings)
- Insignia Red F. S. 30109 (insignia and markings)
- Insignia Blue F. S. 35044 (shade 44)
- Identification Yellow F. S. 33538 (shade 48)
- Engine Grey F. S. 16081 (interior of cowl, etc.)
- Zinc Chromate, Type #1 F. S. 34151 (interior surfaces)
- Instrument Black F. S. 27038 (cockpit, panels, etc.)

Reference Sources

1. IFMS Color Cross-Reference Guide by David H. Klaus. 1991
2. Chicago Scalemasters Color Guide, 1975
3. M/FTE Military Color Guide, 2002

MODEL BUILDING MATERIALS COMPATIBILITY CHART											
	OVER		Polyester Resin, Finish, & FRP	Acrylic Lacquer Primer	Nitrate Dope	Butyrate Dope	Acrylic Lacquer Finish	Alkyd Enamel Finish	Acrylic Enamel Finish	Polyurethane Finish	Epoxy - Resin, Finish, & FRP
	UNDER	Vinyl Spackle									
Vinyl Spackle		C	NC	C	C	C	C	C	C	C	C
Polyester Resin, Finish, & FRP		C	C	C	C	C	C	C	C	C	C
Acrylic Lacquer Primer		C	NC	C	C	C	C	C	C	C	C
Nitrate Dope		C	NC	C	C	C	C	C	C	C	C
Butyrate Dope		C	NC	C	NC	C	C	C	C	C	C
Acrylic Lacquer Finish		C	NC	C	NC	NC	C	C	C	C	C
Alkyd Enamel Finish		C	NC	C	NC	NC	C	C	C	C	C
Polyurethane Finish		C	NC	C	NC	NC	C	C	NC	C	C
Epoxy - Resin, Finish, & FRP		C	NC*	C			C	C	C	C	C
Super Glue		C	C	C	C	C	C	C	C	C	C
Wood Glue		C	C	C	C	C	C	C	C	C	C

C = Compatible

NC = Not compatible

FRP = Fiberglass reinforced plastic. Sometimes known as GRP (glass reinforced plastic).

* - Do not repair epoxy fuselages, parts, etc. with polyester resin based products as they will not cure over an epoxy base. You can use epoxy to repair polyester based products though

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<http://www.lincolnskyknights.org>



For information on the web about
local events and activities

<http://metrorcflying.com/>

WHO TO CALL FOR HELP!

<i>Rich Kuenning</i>	<i>464-3256</i>
<i>Ron Vogel</i>	<i>466-0031</i>
<i>Bill Davis</i>	<i>475-2305</i>
<i>Wilson Hardy</i>	<i>890-3161</i>
<i>Dennis Osburn</i>	<i>470-0271</i>
<i>Mike Yearley</i>	<i>475-1609</i>
<i>Leonard Akert</i>	<i>489-6277</i>
	<i>rakert@neb.rr.com</i>
<i>Nick Wheatley</i>	<i>eve6w@hotmail.com</i>

UPCOMING EVENTS

Don Neill – August 20th

2011 LSK Officers

President: Dave Reiber
483-5696 sreiber@windstream.net

VP/CD: Gary Dunkel
261-3630 garydunkel@yahoo.com

Treasurer: John Willman
jwillman3@windstream.net

Secretary: Tim O'Brien
440-2114 timobrien1@gmail.com

Safety Officer: Brad Pankoke
797-8710 bradpankoke@hotmail.com

Executive Committee:

Don Svoboda
Riley O'Brien
Aaron Clark

Webmaster: Aaron Clark
770-9251 aaron@gonines.com

PLEASE REMEMBER!! IF YOU ARE THE LAST PERSON AT THE FIELD IN THE EVENING, PLEASE BE SURE THAT THE CLUBHOUSE AND THE GATE ARE LOCKED!!!!

Tuesday night flying will run from May thru September. Guests can receive introductory flights from our members.

Meetings are the first Friday of every month except December at the LSK field at 7:30 PM

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