

Ampeer

The EFO Officers:

President: Ken Myers 1911 Bradshaw Ct. Walled Lake, MI 48390 phone: (248) 669-8124	Vice-President: Richard Utkan 240 Cabinet Milford, MI 48381 phone: (248) 685-1705	Secretary/Treasurer:
Board of Directors: Jim McNeely 4733 Crows Nest Ct. Brighton, MI 48116 phone: (810) 220-2297	Board of Directors: Jeff Hauser 18200 Rosetta Eastpointe, MI 48021 phone: (810) 772-2499	Ampeer Editor: Ken Myers 1911 Bradshaw Ct. Walled Lake, MI 48390 phone: (248) 669-8124
Ampeer subscriptions are \$10 a year US & Canada and \$17 a year world wide.	The Next Meeting: Date: Thursday, January 4 Time: 7:30 P.M. Place: Ken Myers's house (weather permitting)	

What's In This Issue:
Laker Landing – Iowa Indoors – NEAT Fair 2001 – New Electric Planes from GP – Trexler Online – December EFO Meeting – Profili Found – Aqua Sport – Jr. Falcon Info

Ah, Summer

From: David Summers
 ironsidz@attcanada.ca
<http://members.attcanada.ca/~ironsidz/>

Here is a photo I took this summer at the EMFSO float fly on Lake Scugog. Robert Pike's Laker came in for a perfect "watering" posing landing perfectly in front of the camera.

INDOOR FLY-IN AT THE UNI-DOME

Iowa Indoor Flying 2001
 From: Bob Nelson bobsrc@forbin.com

The Black Hawk R/C Pilots club has secured the use of the University of Northern Iowa UNI-Dome for indoor flying for two days in the winter of 2001.

The UNI-Dome is a 12,000 seat indoor football stadium with a ceiling height over



100' in the center. We flew in here last winter and found it to be a great flying area in spite of having a basketball court in the center of the playing field.

This year we have it on Saturday Jan. 13, 2001 from 7 a.m. to noon with the bb floor in place. On Sunday, Feb. 13, 2001 we have the facility from 7 a.m. to 9 p.m. for a total of 14 hours. This is open to all indoor flyers, both free flight and R/C. The only restrictions are no liquid fuel engines and a maximum flying weight of 28 oz.

These days are primarily for open sport flying, but if a special interest group wants to run a competition, we could work it in if it does not interfere with the sport flyers. Contact me to work out a time slot if you want to run an event. Since we are renting the dome, we will have to charge admission to the flyers for its use; Jan. 13 -\$10 a head, Feb. 25- \$15 for 18 and older, \$10 for 17 and younger, \$2 for spectators with kids under 12 free when with parent. We believe this to be a world class indoor site and hope to attract enough participants to make this a yearly event. For more information, e-mail or snail mail me for a brochure.

Bob Nelson

BOB'S R/C HOBBY STORE

6322 University Ave.
Cedar Falls, IA 50613
319-277-0211
bobsr@forbin.com

NEAT Fair 2001

From: Tom Hunt THunt95147@aol.com

After much discussion with PV/pilots/vendors/and the man upstairs, we have decided to move the NEAT fair for 2001 to the 14th, 15th, 16th of September.

We will post the following message on the news board of the site.

(<http://www.nyblimp.com/NEAT.htm>)

The 2001 NEAT Fair will be again held at the Peaceful Valley Campsite in Shinhopple (Downsville) NY on September 14, 15, 16th. This date was chosen to "hopefully" produce better weather for the event. We cannot move it any sooner as there are conflicts with the site in the month of August and "Labor Day weekend" (not that we think anyone would come that weekend!) On the 8th, 9th of September, there is another large model meet only about 1 1/2 hours away at the Rhinebeck Aerodrome. This meet would not necessarily take away pilots, but would reduce the amount of spectators.

We have "in the works" plans for a Saturday night

social (BAR-B-QUE). We will post more information as it becomes available. Seating (in the pavilion) will be limited for "dinner", but if the weather holds, there will be no limit on "socialites".

In response to the comments we have received by e-mail the following changes will be made.

- The large "spectator" area behind the flightline will be reduced.
- A "two row" Pilot/Vendor lay out will be instituted. The front row (about 90 slots) will be for pilots only. The back row (along the dirt road entrance) will have 60 more pilot spots and 30-35 vendor spots. This increases the pilot pit "real estate" by almost 50% while still accommodating the vendors in an area closer to the "main event". The old "vendor" area will be used for "overflow" pilot pits.
- More trash cans will be sprinkled about.
- A better impound procedure will be instituted.
- We are working towards getting some new and different on-site food vendors.

Things asked for that we cannot improve:

- sorry, moving the mountain is not within our means...
- sorry, the weather machine we brought with us last year was found to have a fault on Saturday of the 2000 meet and out of warranty. We cannot afford a new one. We can't seem to rent one locally (they are calibrated to a specific geological area).

Although we did receive some less than stellar comments about some the "local" accommodations, we did not receive enough bad reports directed to any particular establishment to remove them from our "Motel/Hotel list". If there are any hotels/motels that you know of that are not on our list, please send us the name, address and telephone number to neatfair@aol.com. We will add them to our list.

Below is a tabulation of the results from our "comments page". Overall the people who responded think we did quite well. (1 is worst, 10 is best)

- Overall, what did you think of the 2000 NEAT fair? 9.1
- Flying site? 9.1
- Pit layout? 8.6
- Vendor layout? 8.0
- On site Food? 7.0
- Rest room facilities? 7.8
- Camping facilities 8.2

- B&B facilities? 9.2
- If you stayed off site how would you rate your Hotel/Motel? 6.5
- If we moved the 2001 NEAT fair one weekend earlier (Sept 14, 15, 16th) could you still come? 98% said "yes"

See you in September!
Tom and all of SEFLI

New Electric Aircraft!
PRESS RELEASE from Hobbico
FOR INFORMATIONAL PURPOSES ONLY
From: Heather Rose HROSE@hobbico.com

**SEMI-SCALE ELECTRIC REPLICAS OF
FAMOUS AIRCRAFT**

Great Planes is excited to introduce two of the most popular designs of Simprop model aircraft as exclusive products: sport/scale replicas of the famous German Albatross D-V biplane and airshow favorite Cap 231 EX.

Complete, easy-to-follow instructions guide you through every step of assembly in just a few hours they're ready to fly! With their foam fuselages, these great models are as sturdy as they are lightweight.

The foam is molded to the shape of the aircraft and pre-painted; a decal sheet for completing the model's appearance is included. Experienced pilots will thrill to the maneuverability of the Cap 231 EX, while the slow-and-steady-flying Albatross is a great choice for newcomers.



Specifications (Albatross D-V Bipe)
Wingspan: 34 in (865mm)
Wing Area: 360 sq in (23.2dm²)
Weight: 12 oz (340g)
Wing Loading: 4.8 oz/sq ft (14.5g/dm²)
Length: 37 in (940mm)

Requires: 3-4 channel radio w/micro receiver & 2 micro servos, electronic speed control, 7-8 cell @ 270-550mAh battery pack, 9 x 6 Slo-Flyer propeller, motor, gear drive

unit



Specifications (Cap 231 EX)
Wingspan: 35 in (890mm)
Wing Area: 277 sq in (17.9dm²)
Weight: 15.5 oz (440g)
Wing Loading: 8.1 oz/sq ft (24.4g/dm²)
Length: 31.8 in (810mm)

Requires: 4-channel radio w/micro receiver & 3 micro servos, electronic speed control, 7-8 cell @ 270-550mAh battery pack, 9 x 6 Slo-Flyer propeller, motor, gear drive unit

		Retail
GPMA1150	Albatross D-V Bipe	\$199.99
GPMA1170	Cap 231 EX	\$239.99

**ELECTRIC-POWERED FOAM R/C MODELS
WITH "ROARING 20s" STYLING**

Distributed exclusively through Great Planes, the Lazy Sparrow and Crazy Sparrow electric R/C models from Flying Styro Kits are fun, carefree and economical. Pilots of all ages will admire their nostalgic profiles, and both are flight-ready in just a few hours with a motor and gear drive unit included!

Foam construction for the Lazy Sparrow and Crazy Sparrow combines the benefits of durability and extremely light weight. The foam is molded to the proper shape and pre-painted; decals are included to complete the look. Beginners can start out learning the basics with the slow-flying Lazy Sparrow trainer, while the aerobatic potential of the Crazy Sparrow will appeal to intermediate-level modelers.

Specifications (Lazy Sparrow)
Wingspan: 42.5 in (1080mm)
Wing Area: 300 sq in (19.4dm²)
Weight: 10.9 oz (310g)
Wing Loading: 5.2 oz/sq ft (15.9g/dm²)
Length: 25.6 in (650mm)
Includes: motor, gear drive unit, glue

Requires: 3-4 channel radio w/2 micro servos, electronic speed control, 7-cell @ 270mAh battery pack



Specifications (Crazy Sparrow)

Wingspan: 38.2 in (970mm)
 Wing Area: 251 sq in (16.2dm²)
 Weight: 11.6 oz (330g)
 Wing Loading: 6.7 oz/sq ft (20.2g/dm²)
 Length: 25.6 in (650mm)
 Includes: motor, gear drive unit, glue
 Requires: 4-channel radio w/3 micro servos, electronic speed control, 8-cell @ 270mAh battery pack

		Retail
GPMA1106	Lazy Sparrow	\$159.99
GPMA1171	Crazy Sparrow	\$199.99

THE PROMISE OF EASY-FLYING, ELECTRIC-POWERED ADVENTURE

If you're searching for a durable, easy -flying "second" airplane that's also very affordable, the electric-powered Escapade* from Great Planes is an ideal choice.

The Escapade features a low parts count, which speeds assembly to the point where you can expect to be out flying in just a few hours after you take it out of the box. The foam shell is very rugged, yet extremely lightweight. The shoulder-mounted wings are also all-foam, with additional dihedral at the tips for stability. Because it has no ailerons (it has elevator, rudder and throttle controls instead), the Escapade sports a very economical price. It comes equipped with a 280 motor and a high-performance 4:1 gear drive that provides quiet, smooth-running power; tricycle landing gear offers excellent stability on the ground.



Specifications:

Wingspan: 40 in (1015mm)
 Wing Area: 292.25 sq in (18.8dm²)
 RTF Weight w/270mAh NiCd: 11.4 oz (320g)
 Wing Loading w/270mAh NiCd: 5.6 oz/sq ft (17.1g/dm²)
 Length: 26.1 in (665mm)
 Includes: 280 motor w/4:1 gear drive
 Requires: 3-4 channel radio w/mini receiver and 2 mini or micro servos, CS-10 ESC, 7-8 cell 270-550mAh battery pack, 9x6 Slo-Flyer prop

		Retail
GPMA1105	Escapade Park Flyer	\$139.99
(All photos from the Tower Hobbies Web Site.)		

Trexler Online

Many of you are familiar with the Trexler Balloon Wheel Company which makes inflatable balloon wheel tires for model airplanes. These wheels are especially useful for electrics. They have created a new web site at <http://www.trexlerballoonwheel.com>.

Stop by to see what they offer, and remember NEVER blow up a Trexler with your mouth. You WILL ruin the valve. I know!! Don't ask.

The December EFO Meeting

The meeting started at Ken's house. The members enjoyed each other's company and some goodies including Ken's infamous Manwich pizza.

Ken put in the his tape "Electric Flight in the 90's" which he produced in 1989 using two VCRs, a record player for sound and an Apple IIGS for graphics. Actually, it is pretty neat. Some highlights include Keith's Stearman with smoke and the King Crimson blowing off a prop from one of the four motors at the top of a loop. Ken's dumping a battery pack out the bottom of a Sig Scamp on take off is pretty funny as well. The one thing that Ken noticed the most was that Keith was a lot less gray and Ken was a lot thinner!

Don and John came up from Cincinnati and Don shared his tape of his Fokker Triplane. Really neat little plane.

The group moved to the Oakland Yard for some

Please Send Ampeer Subscriptions or Renewals to:
 Ken Myers
 1911 Bradshaw Ct.
 Walled Lake, MI 48390

indoor flying. Jack brought along his fleet of free flights, while others brought their R/C indoor fliers. John had some neat models that are controller by infrared. Rick was kind enough to let Ken fly his Zagi and his own design based on the Zagi concept. Hands down, Rick's plane is a lot better! Flying with 13 Zagis in the air inside a golf dome is very interesting, and of course Ken came out of the air several times, while other members, including his buddy Jeff noted that he was flying like an old man. What can I say?

Dave came up from Coldwater and did a lot of flying of his LMH electric chopper.

There were a lot of fliers there. Ken was most impressed with Joe Hass's Eindecker from Hobby Lobby. Joe uses a geared Speed 400 and it is a wonderful flier. It looks very nice in the air, and he found some Krylon acrylic paint that matches the yellow of the wing and tail surfaces so the color fuselage matches them.

The next meeting will be at Ken's house on Thursday, January 4, 2001. Topic: End to end soldering of cells using Charlie White's hammer head soldering tip.

Profili Found

From Rick Page rick-page@home.com

Stefano has moved to a new site with Profili on Angelfire.

<http://www.angelfire.com/sports/profili/>

From Stefano's new site:

Freeware software for modeller airfoils managing, modifying and drawing

- **Profili 1.2 supplies 1.800 ready to use airfoils.**
- **You can add new airfoils, modify the existing ones and draw them by every printer or plotter (Windows compatible) you own.**
- **System requirements :** Windows95 or later, 16 Mb RAM, 3 Mb free disk space and a Window compatible printer or plotter for hard drawing.
- **The software is freeware.** To use it download the file Profi1_2.exe (about 1.490 Mb) and execute it to install Profili 1.2.
- **NEWS of 1.1 version : automatic generation of NACA airfoils and export in DXF format.**
- **NEWS of 1.2 version : automatic generation of all the wing ribs from different root and tip airfoils and sizes, managing of different thickness for upper and lower skin.**

• Please send me your **sensations or suggestions** (durone@libero.it) and you will be e-mailed every new

program release.

Software developed by:

Stefano Duranti
via della Casazza 43 B
32032 - Feltre (BL) - ITALY
Tel. ++ 39 439 310326
E-Mail durone@libero.it



Aqua Sport

From Rich Flinchbaugh
7 Avon La.
South Dennis, MA 02660
Email: richf@gis.net

Rich sent in a photo of his Mitch Poling designed Aqua Sport which has Kircher foam floats. The 62-inch span model uses a Magnetic Mayhem motor, 3.5:1 gearing and 11x8 prop. A Castle Creations Pegasus 35 delivers the power from 8 Sanyo 2000 cells. Flying weight is 64 ounces. It is ready for its spring trials. The photo was taken at Fresh Pond in South Dennis, MA. According to Rich, "Electrics are great!"

Rich also made a couple of requests. First, he would like Bob Pike's postal address. Secondly, if there are any modelers on or near Cape Cod that are interested in forming an all electric club, Rich would like you to contact him.

Jr. Falcon Revisited

Back in November of 1998 I published some information on the Jr. Falcon, but still have not had a chance to build it. Recently, there was some information posted to the eflight mailing list that might be useful to those of you wishing to pursue the building of this plane. Michael McIntyre mgmrcfly@davesworld.net posted this: "I ordered a set of plans from John Pond's old time plans service. They are plan # 68G1 Jr. Falcon for \$6.00 The Phone number is: 408-292-3382 for credit card orders and the office hours are variable (he's retired). Fax number is 408-292-3323"



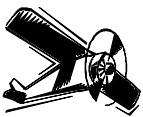
Of interest in this 1970 version of a Jr. Falcon is the lack of canopy. I made it "open cockpit" and tail-dragger.

Up Coming Events

Where to get plans for the Goldberg Jr. Falcon can be found inside. This is a photo of one of Ken's Jr. Falcons from 1969 or early 1970. When I first mentioned it in the *Ampeer* in the Nov. '98 issue, I was wondering what power system to use. Today I know. I would use the Multiplex Turbo 450 (Sagami) motor, 7x4 prop, seven 2000 mAh NiMH cells and an Astro Flight 215D speed controller. The color scheme on this one is red and white. I made it a tail-dragger with the gear banded on as well as the hatch. Sure would be nice to see one of these at the next Mid-Am.

February 16, 17, 18, 19 San Diego Mid-Winter Electrics, open flying on Monday (no events), indoor flying Friday and Sunday, info: www.sefsd.org or contact Bill Everitt: phone: 760.753.1055 fax: 760.633.2271 email: billeveritt@cs.com - Lots of events and demos - great winter break!

September 14, 15, 16 Neat Fair 2001 - Peaceful Valley Campsite in Shinhopple (Downsville), NY Info: www.nyblimp.com/NEAT.htm or email neatfair@aol.com



The Ampeer/Ken Myers
1911 Bradshaw Ct.
Walled Lake, MI 48390
<http://members.aol.com/KMyersEFO>

The Next Meeting:
Date: Thursday, Jan. 4, 2001 Time: 7:30 P.M.
Ken Myers's house - 248.669.8124
1911 Bradshaw Ct., Walled Lake, MI