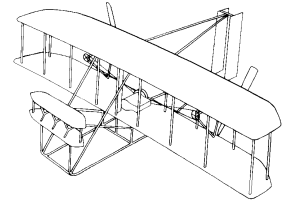


# The Wright Flyer

WEBSITE: [WWW.JOELD.NET/WFRC](http://WWW.JOELD.NET/WFRC)



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NEWSLETTER OF THE WRIGHT FLYERS R/C CLUB

## Meeting Highlights

On Tuesday, December 12th, the Wright Flyers held the monthly membership meeting at the Monticello Middle School. This was the third monthly indoor meeting of the winter season.

The business meeting was called to order at 7:08 PM by President Scott Leiferman. There were 8 members present including three club officers. The secretary presented the minutes of the November meeting and they were accepted as read. The treasurer reported the current balance is \$3909.80. Perry has purchased new green colored cards for issuing membership cards for 2007.

Joel Dirnberger presented a sample for supply of a club logo sticker. The sticker is 3 inches in diameter, with self adhesive back and protective finish on the front face. A quantity purchase of 1000 stickers would cost \$235. It was moved to have it announced in the club newsletter that a 1000 unit purchase would be considered from funds out of the club treasury at the next monthly meeting. The sample stickers were also to be tested for resistance to glow fuel and results reported at the next meeting. If the purchase is approved, the stickers would be available to members to buy and may also be used in promotions and perks for new members joining the club.

The slate of officers for 2007 had no changes presented at the meeting. There were no contests for any post so the slate of Scott Leiferman president, Wayne VanDenBoom vice-president, Perry Dziuk treasurer, Leo Davids secretary, Garth Landefeld safety officer were installed for 2007 by acclamation.

The meeting was adjourned at 7:52 PM.

# Happy New Year!!

The next meeting is scheduled for **7:00 PM** on Tuesday, January 9th, 2007. It will be held in Room 30 of the Monticello Middle School.

## Show and Tell

Joel Dirnberger brought back his kit of a Bede-5 that he had framed up at the last meeting. The covering was now completed and his custom molded canopy was installed. Joel's Li-Poly battery and Cd-rom brushless motor combination was producing enough power to give the plane about a 1:1 thrust to weight ratio. The nice looking Bede-5 is ready for its maiden flight.

Joel also brought in an interesting new development in the R/C hobby, the latest version of a spread spectrum radio. It was the Spektrum model DX7 which recently became available from Horizon Hobby. Joel had already been using the previous spread spectrum model, DX6, this past season which is a park flyer 6-channel version. The newer DX7 is seven channel with richer programming features and signal range to fly any size R/C aircraft. The package included four digital servos suitable for 40-60 sized aircraft. The transmitter is compatible with the 6-channel receivers Joel has for his electric park flyers so he can put it to use for many of his fleet.

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Scott Leiferman brought in a Sig Kadet LT-25 he had built to "use up" R/C supplies and equipment he has had laying around from other projects. Scott did a couple of modifications to change the wing from rubber binder to bolt-on and used a pair of wing mounted servos rather than strip ailerons with a single center servo. Scott set it up to have conventional landing gear and powered it with a Magnum 25 2-cycle glow engine. This will give Scott a real change of pace from his stable of high energy aerobatic aircraft.

Leo Davids brought in his latest electric park flyer, a Phase-3 Fidget. This is an all foam material kit from Hobby People. It builds into a very light (14.5 oz.) 3D biplane with about 410 sq. in. wing area. Leo transplanted his power system from an E-flite Tensor 4D that had been in service for about a year. With a wing loading of only 5.2 oz./sq. ft., the power system does well with a modest power-to-weight of 7.5 watts/oz.

A unique feature of the Fidget was use of carbon fiber flat strip edging on the wings and control surfaces to give the 3mm flat foam impressive rigidity for 32.5 inches of wingspan. The fuselage is molded foam shell with a skeleton of plywood and foam formers. The Fidget has been a regular at the Metrodome this fall where it has smooth but strong aerobatic flying qualities for this venue.

## TCRC 31st RC Aircraft Auction

Mark your calendars for this event presented annually by the Twin Cities Radio Control Club on Saturday, February 10<sup>th</sup>. It will be held at the usual place, St. Peter's Church in Richfield. The registration begins at 8 AM and auction starts at 10 AM. Only radio controlled aircraft and associated equipment can be consigned for auction. The admission is \$3 including a bidding card. Opening bid is \$20 for items consigned. Raffles and concessions are run for the day by the host TCRC club. Call Jim at 952-445-5257 or Scott at 952-934-1471 or visit <http://www.tcrconline.com/pages/auction.htm> for flyers, rules, maps and advance registration.

## For Sale

For Sale by Leo Davids ph: 763-263-3577]

**E-Flite Tensor 4D** - Year old aircraft, flat foam biplane, flown indoors and out. Currently has no un-repaired damage and was flying before radio and power system removed. Flies on a 100 watt outrunner brushless motor and 3 Hitec HS-55 servos. Check Horizon Hobby web site link for specs and features:

<http://www.horizonhobby.com/Products/Default.aspx?ProdID=EFL2100>

Bare bones plane for \$20.

**Top Flite Sierra 40-sized glow engined trainer airplane** - This is a mid-1990's high wing balsa constructed tricycle gear kit aircraft. It has 62 inch wingspan with 675 sq. in. of area. The airfoil is flat bottomed with strip ailerons. The plane is covered in white and metallic red Monokote. Plane is both cosmetically and structurally in very good condition. The motor included is an Enya 45BB. Servos included are Tower Hobby and Cirrus brands. Currently the plane is flying with a 6-channel Airtronics radio of mid-1990's vintage. Price complete with radio is \$180, without radio but including servos is \$120.

## Safety in the Workshop

It's winter and the building season is in full swing. Just as the safety coordinator focuses on flight safety during the flying season, he should not forget about shop safety during the building season. Below are some general tips to share with your club:

### **Keep it Clean**

Many injuries result from poor housekeeping in the shop. Trips, slips, and falls account for the bulk of these mishaps.

Scrap material and wrappings, loose parts, scattered tools and equipment, or oil spills can cause injury. Debris should be swept up and disposed of.

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Parts should be kept on work benches. Tools should be placed where they cannot fall and cause damage or injury. Oil spills should be covered with absorbent material and cleaned up.

**Lighting, Heating, and Ventilation**

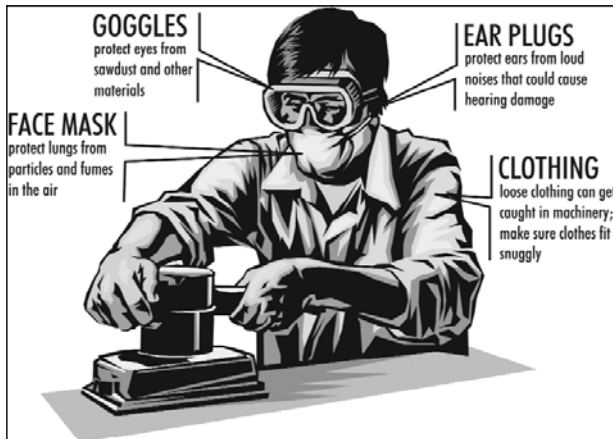
Enough windows and overhead lights are required for a good level of overall illumination. Additional lighting should be available over benches and stationary tools.

When supplemental heating is required for winter workshop operations, the heating unit should be located to provide an adequate, even distribution of heat, but should not cause a fire hazard.

Adequate systems are needed to vent smoke, fumes, and exhaust gases. Open windows and doors may provide enough ventilation in the summer. Special systems may be needed to remove exhaust fumes and other gases during the cold-weather months.

**Little things make a big difference**

When working on your next building project do not forget the safety precautions below:



Sources: www.safety-council.org & Microsoft Clipart (image)

from the Anoka County Radio Control Club, Coon Rapids MN

**ParkZone Electric Models**

Here is some information for all of you who may be worried about the influx of park flyers and their impact on our channels—especially after the holidays. As an aside, almost all of the

models sold at toy and department stores operate on the 27 and 49 MHz frequencies—far from our 72 MHz channel frequencies.

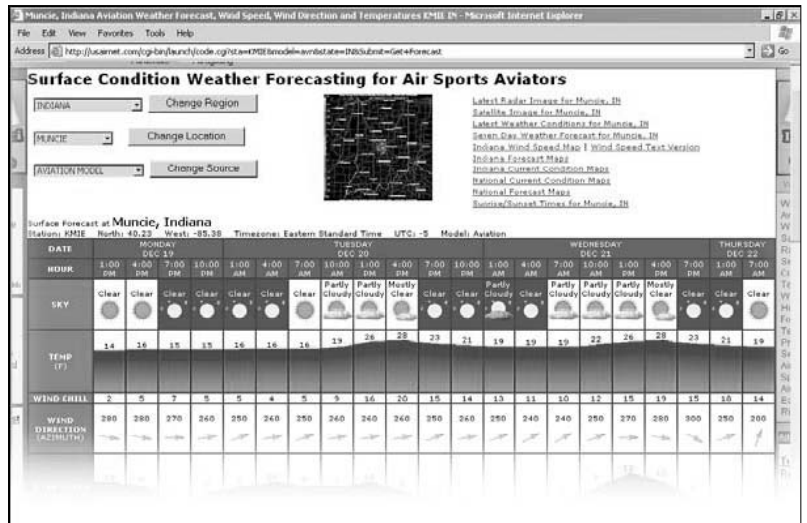
Horizon Hobbies is marketing a series of electric park-flyer type models under the brand ParkZone. These models come complete with a radio system installed. Some models in this line operate on 72 MHz. It's possible (expected) that some who purchase these models may be operating them at places other than what we think of as traditional model flying fields. Horizon recognizes this, and in an effort to minimize the potential of radio interference they have limited the channels these models operate on to six: 17, 19, 21, 50, 52, and 54.

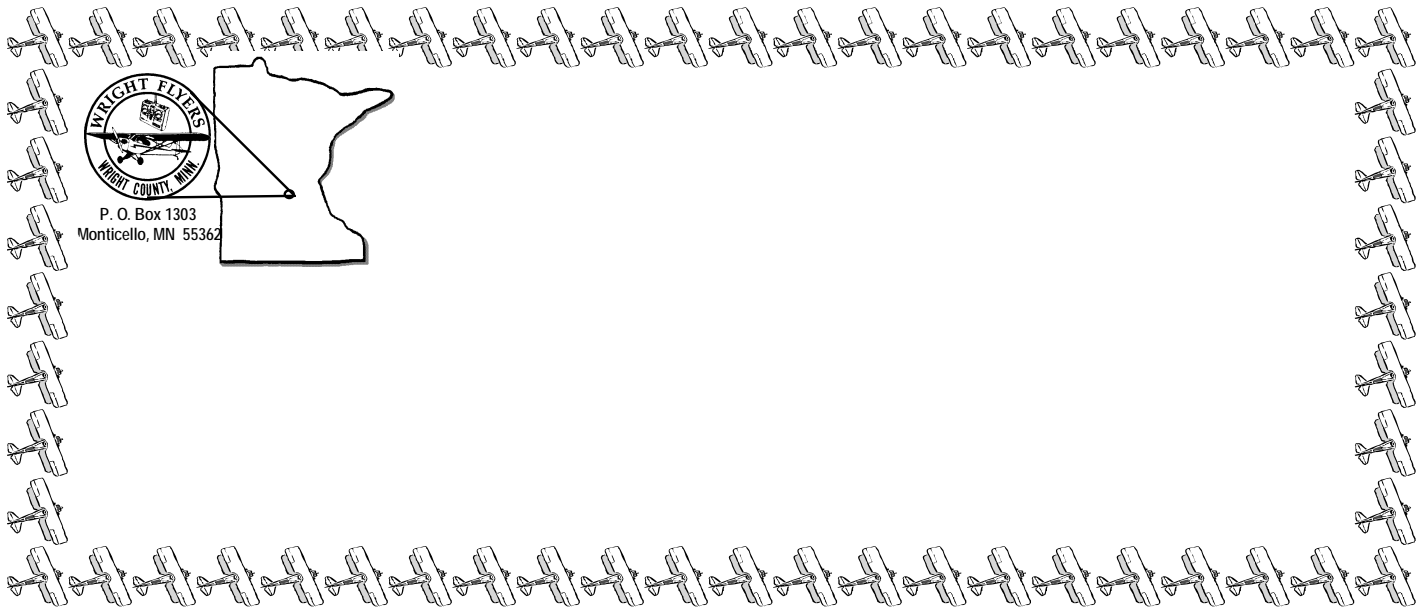
by Dr. Alexander Szemere, AVP AMA District II  
John Donnelly, editor  
from the Tri County RC Club, Butler NJ, January 2006



This Web site provides accurate weather and wind forecasts. Other sites do the same thing, but this one actually graphs the wind speed over the course of the day in three hour increments.

Try it for yourself at [www.usairnet.com](http://www.usairnet.com). Click on weather, and then choose a region and location.  
From the Checkerboard Field RC Club, Chicago IL





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### 2007 Club Officers

**Pres**..... Scott Leiferman ..... 763-682-2707  
**VP** ..... Wayne Van Den Boom .. 763-428-2360  
**Treasurer**... Perry Dzuik ..... 763-477-6865  
**Secretary**.... Leo Davids ..... 763-263-3577  
**Safety Off.**.. Garth Landefeld ..... 763-497-5828  
**News Ed.**... Jean Davids..... 763-263-3577

If you have news or ideas for articles you would like to see, you can email me at [jedavids@charter.net](mailto:jedavids@charter.net)  
Or call me at 763-263-3577.

### *Café Express*

Want club logo apparel & other items? Shop here:  
<http://www.cafepress.com/wrightflyersrc>.

## 2007 Membership Renewal

Included with your newsletter this month is an application for membership renewal for the 2007 season. The fees remain the same as last year's; adult \$50, additional family member \$10, junior (under 18) \$35. All fees are inclusive of the current \$20 assessment for 2007 field maintenance. Your application should indicate if you would be willing to receive the club newsletter by e-mail and your email address if you select that option.

Completed applications and fees can be brought to the monthly meeting, sent to the club P.O. box or given to the club secretary or treasurer. You will be issued a club membership card at the time of the



next newsletter issue or subsequent monthly meeting. Also, please insure you have renewed your AMA membership for 2007 so that we have all our members recognized when we apply for AMA charter and field insurance at the end of January.