



PLANE TALK NEWS

The Des Moines Modelaires Newsletter



Warbird photos by Richard Konopka (Pilot unknown)

A Message from Club President Jim Porter:

***Our Club** - Unbeknownst to most of you the Des Moines Modelaires is one of the oldest (charter number 740) continually operating model airplanes clubs in the nation; 80 years of flying enjoyment. I tried searching the AMA website to see how many other clubs could claim this length of continuous activity but could not find any comprehensive listing of AMA clubs. Still, I doubt there are too many. Get out there and enjoy the facilities we have knowing that you're adding to a long line of active fliers.

* **Soldering** - There were a couple of questions that came up at the board meeting about soldering. One of the things I mentioned was that I only use 63/37 solder, not the more common 60/40. The reason is that the 63/37 has a very limited time during which it is plastic; i.e., it goes from a liquid to a solid with only a VERY short time (temperature range) where the solder is plastic. The plastic phase is where you can make a 'cold' solder joint by having the parts move as the solder solidifies. The MUCH shorter plastic phase nearly eliminates the possibility of a 'cold' solder joint. It also makes the process go faster as you don't have to hold things nearly as long for a good joint. Lately I've bought all of my solder (Kester brand) from All-Spec (<http://www.all-spec.com/>). They seem to have the best price and great delivery service. I use mostly 0.031 diameter as the majority of connections I make are small electronics items with the occasional battery connection. Their product number for a one pound spool of solder is 24-6337-0027-16600, costing \$19.95. The shipping charge for two pounds was \$6.78, so I suspect that one pound would be a little less.

* **FPV at our fields** - We need to be vigilant when anyone decides to fly a FPV vehicle. The AMA and FAA rules require a qualified spotter who can maintain a direct visual contact with the FPV vehicle. Don't be bashful about reminding anyone of these rules.

***FAA** - The AMA has managed to get Congress to pass and the President to sign a new authorization for the FAA that includes a provision to exempt our activities from overview by the FAA until September of 2017. We do, however, need to continue to observe three things. One, the sUAS registration number is still required on all of our models weighing more than nine ounces (255 grams). Two, we need to observe the rules/regulations as published by the AMA. Three, as in the past we need to see and avoid any full-scale aircraft near our flying site.

* **Westfield charging station** - This charging station has a limited current delivery capacity. Although we have not put up a sign to this effect, we need to limit the size of batteries that are placed on this system. For the moment we would like to limit the batteries to 6s1p 6000 mah and a 1C charge rate (6 amps). Batteries larger than this and charge rates higher than this depress the voltage of the system to the point that most chargers will stop working. If you use batteries larger than 6s1p 6000 mah you need to use the battery and charging system in your automobile or truck as some members are already doing. When we have a sponsored/scheduled event at Westfield we will get out the generator to provide more power for the additional fliers.

***Field conditions** - Both fields are currently in excellent condition. Be sure to thank those who have put out the effort to mow and trim the fields. It's quite a task to keep them looking as nice as they are. You might consider volunteering to help with this.

Enough, Jim Porter

Membership meeting minutes for July 5 2016, EPJ

Meeting was called to order at 7:00pm with 13 members present.

Minutes from June membership meeting were approved.

Denis Roy read the treasurer's report. He reported that we now had 115 members and a projected \$1100 surplus at years end.

Jim Porter talked about the charging station at West Field and reported that the board had decided to limit the size of batteries that members could charge to 6000mAh at 1c. Jim will write about it in the newsletter.

Vote was taken on the changes to the by-laws and those changes were approved. **(Updated by-laws are posted on the club website)**

Meeting was adjourned about 7:30. Submitted by John Faust

Can you guess what is the most popular first name in the Des Moines Modelaires? Check for the answer before the page long events listing!

Upcoming Events

August 1 - Training Program (West Field 6pm)

August 2 - Club Meeting (West Field 7pm)

August 6 - Electrics Fun Fly (Jim Porter – West Field 10am – 2pm)

August 13 – Coffee & (West Field 10am)

August 15 - Training Program (West Field 6pm)

August 13 – National Model Aviation Day (Alan Annear – West Field 9am – 2pm)

August 15 - Training Program (West Field)

August 22 - Training Program (West Field 6pm)

August 26, 27, 28 – Heli Fly EPJ

Civil Air Patrol Event July 2, 2016 – was well attended by club members and about 35 CAP cadets.

Two club instructors buddy boxed a number of cadets on both a glow and an electric trainer during some pretty windy conditions. A number of spirited demo flights with helicopters, EDF jets, and propeller planes were made for the cadets. Sadly, I failed to take any photos. *Dave*

***A few photos from the July 9th Warbird
fun fly at EPJ – Submitted by Rick
Konopka***

A well-attended event, great weather and some
great airplanes and pilots!





Great attendance at the EPJ Warbird Fun Fly!

National Model Aviation Day Flying Demonstrations and Fun Fly Saturday August 13, 2016



The Des Moines Modelaires is a radio controlled aircraft club with about 120 members. To celebrate National Model Aviation day the club will open our flying field to the public on August 13, from 9 AM to 2 PM. Our pilots will be happy to demonstrate a number of radio control models, and answer questions about the hobby. If the weather cooperates, there will be an opportunity to try out flying a radio controlled aircraft with an experienced instructor. The instructor will have ultimate control of the aircraft, while letting a visitor fly the aircraft using a trainer transmitter.

If you are already an accomplished RC pilot and are a member of the AMA, you may fly at West Field that day (after a quick "check ride") as a guest.

A cash donation from each pilot would be appreciated. Lunch will be available for a cash donation. All profits will go to a local Veterans Support Organization.



If you would like to provide possible content for the newsletter, email to: DB500_1999@yahoo.com

I am happy to include links to flight videos you may have posted, description of club events, photos of your projects, or technical articles and reviews you have written. Let me know if any corrections in dates or contact information are needed. *Dave Beecher*

The most common first name for club members actually is tied at seven - between Jim and Dave.

2016 Calendar of Events

(Dates and locations are subject to change)

- Club Meetings are generally the 1st Tuesday of the month at alternating flying fields during the flying season
- Fun Flies are generally the Saturday after a club meetings during the flying season
- Coffee Socials are generally the 2nd Saturday of the month

January 1, 2016 - Penguin Fly/Club Meeting (West Field 9am)

January 9 – Coffee Social (West Field 10am)

February 13, 2016 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm)

February 20, 2016 – Coffee Social (West Field 10am)

March 1 – Club Meeting, EPJ

March 12 - Coffee Social (West Field 10am)

April 5 - Club Meeting (West Field 7pm)

April 9 - Coffee/Cub

May 3 - Club Meeting (EPJ 7pm)

May 7 Multi-wing Fun Fly (Alan Annear – West Field 10am – 2pm)

May 14 – Coffee Social (West Field 10 am) and

High-wing Fly (John Faust 10am – 2pm)

June 6 - Training Program (West Field 6pm)

June 7 - Club Meeting (West Field 7pm)

June 18 - EDF/Jets Fun Fly (Dion Kintz)

June 11 – Coffee Social (West Field 10 am)

June 13 - Training Program (West Field 6pm)

June 20 - Training Program (West Field 6pm)

June 27 - Training Program (West Field 6pm)

July 2 – Civil Air Patrol (West Field 1 pm)

July 5 - Club Meeting (EPJ 7pm)

July 9 – Warbird Fun Fly (Ray Pick – EPJ)

July 16 – Coffee (West Field 10am)

July 11 - Training Program (West Field 6pm)

July 18 - Training Program (West Field 6pm)

July 25 - Training Program (West Field 6pm)

August 1 - Training Program (West Field 6pm)

August 2 - Club Meeting (West Field 7pm)

August 6 - Electrics Fun Fly (Jim Porter – West Field 10am – 2pm)

August 13 – Coffee & (West Field 10am)

August 15 - Training Program (West Field 6pm)

August 13 – National Model Aviation Day (Alan Annear – West Field 9am – 2pm)

August 15 - Training Program (West Field)

August 22 - Training Program (West Field 6pm)

August 26, 27, 28 – Heli Fly EPJ

August 29 - Training Program (West Field 6pm)

September 6 - Club Meeting (EPJ 7pm)

September 10 – Sailplane Fun Fly (Dave Beecher - West Field 10am – 2pm)

September 10 – Coffee Social (West Field 10am)

September 15-18 - 3D Harvest Huck (EPJ)

October 4 - Club Meeting (West Field 7pm)

October 8 – Club Auction (Catholic Church Ankeny) (Ray Pick) Doors open at 8:00am

October 15 - Any Size Warbird Fun Fly (Ray Pick – EPJ)

October 22 – Coffee/Pot Luck / Gasser Fun Fly (Alan Annear / Denis Roy – West Field 10am – 2pm)

November 1 - Club Meeting (EPJ 7pm)

November 12 – Coffee Social (West Field 10am)

December 6 - Club Meeting and Elections (TDB-7pm)

December 10 – Coffee Social (West Field 10am)

January 1, 2017 - Penguin Fly/Club Meeting (EPJ 9am)

February 4, 2017 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm)

Fun Fly Information:

April 9 - Cub and High-wing Fun Fly – West Field, John Faust

May 7 – Multi-wing Fun Fly - West Field, Alan Annear

June 11 - EDF/Jets Fun Fly, EPJ, Dion Kintz

July 9 – Warbird Fun Fly, EPJ Ray Pick

August 6 – Electric Fun Fly West Field, Jim Porter

September 10 – Sailplane Fun Fly – West Field, Dave Beecher

September 15-18 - 3D Harvest Huck – EPJ, Duane Vierling

August 26, 27, 28 – Heli Fly EPJ (Matt Coleman)

October 15 - Any Size Warbird Fun Fly, EPJ Ray Pick

October 22 - Gasser Fun Fly, West Field, Denis Roy

2016 Des Moines Modelaires Membership Application

(Please Print Clearly)

You must be a member of the Academy of Model Aeronautics (AMA) before joining the Des Moines Modelaires

Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____ AMA #: _____

Birth Day: Mo _____ Day _____ Year _____

Email Address: _____

(Used for club newsletters and club informational emails)

- **Flying Membership:** Must have a current AMA membership and Club membership. Can fly at both our fields, be a club officer / board member, vote concerning club business, take part in all club activities, and receive club newsletter via email.

Annual Dues are: Adult (19 & over at any time during 2016) \$100.00, Youth (18 & under) \$15.00. Dues are in effect from January 1st through December 31st, after July 31st, adult flying membership dues are \$60.00 through December 31st.

Send this membership application, a copy of your AMA membership card, and check to:

Denis Roy
1872 NW 150th Ct.
Clive, IA 50325
(515) 249-1617
Email: DenisRoy81@gmail.com

Please make checks payable to: Des Moines Modelaires

Why joining the Academy of Model Aeronautics (AMA) is so important?

The AMA provides a wealth of information about our wonderful hobby along with their magazine, Model Aviation. For yours, and the club's protection, the AMA also provides member insurance benefits: \$2.5 million liability umbrella, \$25,000 medical coverage, and \$1,000 fire and thief coverage. Please go to www.modelaircraft.org to join the AMA and to learn more about the benefits of AMA membership and their insurance coverage.

Club Officers

President	Jim Porter *	(515) 986-0512 airporter96@gmail.com
Vice President	Bill Garrett **	(515) 473-1488 billg@sprayers.com
Secretary	John Faust**	(515) 771-3866 faustj@q.com
Treasurer	Denis Roy *	(515) 249-1617 DenisRoy81@gmail.com

Board Members	Alan Annear *	raannear@gmail.com
	Dave Heuton *	dcheuton@aol.com
	Ed Niles**	edniles32@yahoo.com
	Tim Nissen *	nissentimothy@mchsi.com
	Ray Pick **	rpick37681@aol.com
	LaVerne Sanders**	ldsanders2807@mchsi.com
	Karl Schultz *	iakarl@yahoo.com

* Term expires on December 31, 2016

** Term expires on December 31, 2017

Public Relations Officer

Dave Beecher - db500_1999@yahoo.com or (515) 661-2456

Safety Officers

EPJ – Dion Kintz

West Field – John Faust

Membership	Denis Roy 1872 NW 150 th Ct Clive, Iowa 50325 (515) 249-1617 DenisRoy81@gmail.com
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Newsletter	Dave Beecher db500_1999@yahoo.com
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Club Training Team

If you are interested in learning to fly please contact any one of these fine instructors

Denis Roy	249-1617	DenisRoy81@gmail.com	Airplane (West Field)
Dave Beecher	777-1665	db500_1999@yahoo.com	Airplane (West Field)
Pat Nestvedt	222-1987	plnest@hotmail.com	Airplane (West Field)
Jim Lewis	289-1144	clone2tb@gmail.com	Airplane (EPJ)
Tim Nissen	964-9307	nissentimothy@mchsi.com	Airplane (EPJ)
Doug Griffith	480-1585	duggriff@yahoo.com	Airplane (EPJ)
Duane Vierling	238-0924	dwvierling@gmail.com	Airplane (EPJ)
Kelly Brown	494-4884	kbrown@dwx.com	Helicopter

Our Field Locations:

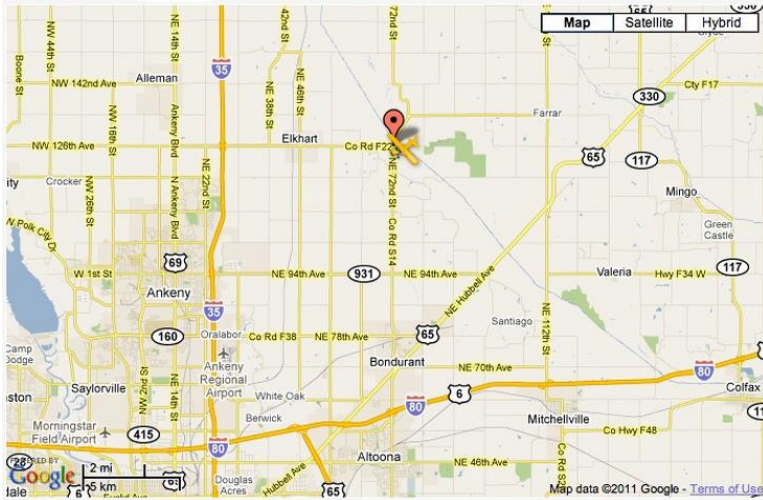
EPJ

E. Paul Johnson Field (EPJ)

12559 NE 72nd St, Polk County, Iowa (East of Elkhart, Ia.)

Latitude: **41.47 25 N**

Longitude: **93.27 51 W**



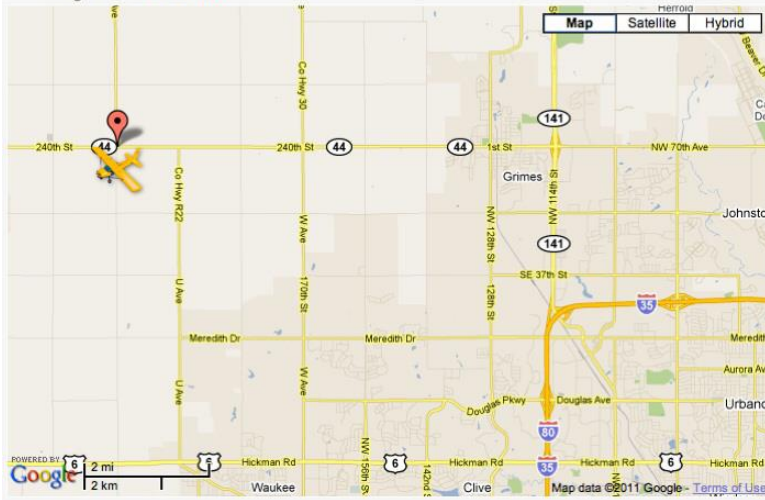
West Field

West Field

T Avenue (West of Grimes, Ia., 1/4 mi. S of Hwy. 44)

Latitude: **41 40 51 N**

Longitude: **93 54 45 W**



The Des Moines Modelaires

- We fly radio controlled model airplanes, helicopters, and quad-copters at our two private flying fields
- We hold monthly meetings generally the first Tuesday of each month
- We produce a newsletter for our members and the general public
- We sponsor several fun flies during the year
- We will demonstrate our hobby at events when safety can be maintained and there is adequate room to fly
- We sponsor several swap meets during the year
- We conduct free pilot training programs and have volunteer trainer pilots