



# PLANE TALK NEWS

The Des Moines Modelaires Newsletter

## A Message from Club President Jim Porter:

\* From the AMA newsletter:

"There have been questions about FAA registration numbers and if it should be checked by contest directors (CDs) or clubs at sanctioned AMA events, or if models should be inspected for the number at club fields. The answer is an emphatic *no!* There is no place on Form 10B to report this information, and that is on purpose! AMA's position is that everyone should be registered, but it is not the AMA's job to police it. AMA membership does not require FAA registration, so attending an AMA event does not require it either. Please do not create an issue by refusing to allow a member to participate in an AMA-sanctioned event because he or she has not registered with the FAA".

I realize this is in contradiction to our proposed bylaws and field rules, but believe that in order to stay ahead of the possibilities of local law enforcement making themselves known at our flying fields we should stick with our original approach of requiring the FAA registration number on ALL of our planes weighing more than 255 grams (9.0 ounces).

\*Field Marshall - by request, now to be called 'Field Liaison'.

### EPJ Field

1. Duane Vierling has volunteered to head up the oversight for our EPJ/Elkhart field. Please give him your support by volunteering for the various tasks that are needed to maintain the field in good flying condition.
  2. At this time of year mowing is the primary activity and will require a LOT of effort to keep ahead of the growing grass. Please contact Duane to help with this critical task.
  3. We've had yet again another equipment failure with mowing equipment. It's crucial that we take good care of our equipment as replacement costs will eat into our budget very quickly. Fortunately, Jim Lewis has been very generous and taken care of the current issues.
- Westfield

### An EPJ Update

A big Thank You to Bob Sturm for his recent cleanup efforts at EPJ. He painted the trim on the mower shed, built shelves in the mower shed and organized the contents, cleaned up the hanger, and cleaned up the junk pile between the hangar and the mower shed. Bob also applied the weed and feed purchased last year. There was enough to do everything East of the hangar. Those dandelions are not looking too healthy now.

The club purchased a surface water pump to be used to drain the lakes that form in heavy rain. Ed Niles donated hose and a drop cord for the pump. Thanks Ed. The pump and supplies are in the hangar.

Jim Lewis donated a replacement Swisher pull behind mower. The engine on the previous one threw a rod through the block. Jim will try to sell the old one for parts or dispose of it.

Duane Vierling has a mowing team organized. The team can always use more volunteers. Anyone interested in joining the team should contact Duane.

### **Jim Porter**

#### Membership meeting minutes for 03 May 2016

19 members attending

#### *Treasurer's report*

We currently have 97 adult and 8 youth members, total 105.

With four months of the year behind us we've spent \$6,510.81 of our \$11,755.74 proposed budget for the year.

The anticipated surplus at year end has dropped to \$1,119.26 due to the recent mower repair expenses.

#### *Old business*

\* EPJ runway water problem

1. First option discussed was the installation of sand points in two places in the runways. Ray Pick had received a quote of \$1500 maximum, but unfortunately was not given enough information to make a good decision. Ray will go back for more information.
2. Second option was to try a surface water pump. An approximate cost of \$100 for the pump plus the need for an extension

cord and 100' of hose. The best feature of this was the low cost and eliminating the need to tear into the runway. After some discussion it was decided to try the surface pump. Jim Lewis will obtain the pump and Ed Niles will provide the hose and extension cord.

\* Gravel for the driveway.

1. There was some thought that additional gravel was needed for the driveway. For Westfield Brad Fox used his truck and brought gravel from a local source (10 tons @\$20/ton = \$200).

2. Duane Vierling will look into how this might be accomplished for EPJ and what the cost might be.

\*Bylaws update

1. One minor change (clarify the wording on who can vote) was proposed and approved. The proposed changes to the bylaws will be published in the next newsletter and voted on in the July meeting, to be effective 01 August 2016.

\*Newsletter frequency

1. Several members have questioned the need for a newsletter every month. After some discussion it was decided that during the winter months a newsletter would only be published as needed - upcoming club activities or required votes being the main newsworthy items.

\*FAA and model aviation

1. The AMA continues to work with Congress to reduce their impact on our hobby.

2. The House and Senate have proposed significantly different legislation, with the House bill being much more favorable to our activities.

3. The AMA is hoping to get the House bill to be the one to survive the process intact. This bill eliminates the concern with the 400' altitude limitation in the Senate bill and also does not include the requirement for FAA oversight in the design and build process for modelers.

*New business*

\* The EPJ mower, due to an unreported fire last year, required an expenditure of \$685 to repair.

\* Please help with the coffee/water fund at each field. So far it looks like these have been well supported, but for them to continue we need to be generous.

\* We really need a three to five-year financial plan so that we can plan for any needed major expenses. Bring your idea to the next membership meeting so the board can put one together.

\*Flight training

1. At the previous board meeting it was decided that some revisions to the training program were needed and should be presented to the membership for consideration.

2. Rather than setting aside every Monday evening during the flying season it might be better to have the interested person set up an appointment with the instructors (to be listed in the newsletter). This would put the initiative on the interested person and might reduce or eliminate the 'baby-sitting' effect.

3. There would be a limit of three sessions with the club equipment.

4. After the three sessions if the person is still interested they would need to purchase their own equipment and would need to join the Modelaires.

5. From this point on additional instruction would be obtained by contacting an instructor (a second list in the newsletter).

\* Overflight problems

**5/14 UPDATE:** A number of volunteers have been approved by a majority of the board to trial Monday night training nights at West Field, and monitor the response. The desire is to have a minimum age limit, such as 14, to reduce "baby sitting". Appointments will also be a part of training for both fields

1. At Westfield Pioneer has requested that we NOT fly over their fields when they are either flying drones or when workers are present in the field.

2. At EPJ our neighbor to the south has complained about turbine powered planes flying over their barn. That's a LONG way out there so be careful.

\*Johnston school program

1. On May 31 Jim Lewis will be coordinating the presentation of a program at the Johnston elementary school in the morning. Denis Roy, John Faust, Jim Porter, and Christopher Powers will assist.

2. There will be a backup plan to present indoors if the weather does not cooperate.

\*2.4 GHz and microwave interference.

1. Duane Vierling set up his laptop with a 2.4 GHz receiver to show the effects of a microwave on the 2.4 GHz section of the band that we use as modelers. It demonstrated a pretty convincing case for NOT having a microwave at the field.

2. It was agreed to remove the microwave from the EPJ clubhouse.

\*Bondurant Boy Scouts & EPJ

1. Denis Roy had been contacted by Bondurant Pack 10 for a possible field trip on Monday, May 16 to EPJ with a demonstration and possible stick time for the scouts.

2. Duane Vierling will contact the Cub master to coordinate and host the event.

**Jim Porter**

**Upcoming Events**

**June 6 - Training Program (West Field 6pm)**

**June 7 - Club Meeting (West Field 7pm)**

**June 11 - EDF/Jets Fun Fly (Dion Kintz – EPJ)**

**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 5 - Club Meeting (EPJ 7pm)**

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

**The Des Moines Modelaires Board has been working on updates to the club ByLaws, which includes alternative voting. Please find a copy with proposed changes below:**

## **DES MOINES MODELAIRES BY LAWS**

### **Effective August 2016**

#### **Article I**

The Officers of the Des Moines Modelaires Club shall consist of a:

- (a) President
- (b) Vice-President
- (c) Secretary
- (d) Treasurer

All Club Officers must be current and paid club members.

#### **Article II**

The Board of the Des Moines Modelaires shall consist of:

All Officers, six (6) current and paid club members, and the past President assuming the past President is a current and paid club member and willing to participate on the Board.

#### **Article III**

Officer and Board Member Duties and Responsibilities:

(a) President- The President shall preside over all meetings of the club including Board meetings and shall act as spokesman for the club in all matters pertaining to the club. The President has discretion over routine and necessary decisions concerning club business.

(b) Vice-President- The Vice-President shall act for the President when he is unable to serve, and facilitates hobby related programs at general club meetings.

(c) Secretary- The Secretary shall keep the minutes of all meetings and the attendance roll of such meetings. They shall maintain an official minute book for this purpose.

(d) Treasurer- The Treasurer shall collect all membership dues and other club income and shall keep a record of all monies received and monies disbursed by the club. The Treasurer is also responsible for keeping track of club membership and distributing ID cards to paid members.

(e) Board - The Board shall act / vote on all matters of general policy.

(f) Any Officer or Board member may be removed from their position if they have missed three (3) consecutive Board meetings without just cause, repeatedly conducts themselves in a manner harmful to the Modelaires or have let their club membership lapse. Removal from the position will be by vote of the remaining Officers and Board members.

#### **Article IV**

Terms of office and election matters:

(a) All Officers of the Des Moines Modelaires Club shall serve for two years from date of election. The offices of President and Secretary shall be elected in even numbered years and the offices of Vice-President and Treasurer shall be elected in odd numbered years.

(b) All Board members shall serve for a period of two years. Three members shall be elected in even numbered years. The other three members shall be elected in odd numbered years.

(c) To facilitate the transition of office, the past club President shall be asked to serve on the Board for a term of one year after their final year as President assuming they are a current and paid club member and they are willing and able to serve.

(d) The annual meeting and the elections of Officers and Board members shall be held at the regular meeting in December of each year. Current and paid club members can self nominate or nominate other club members. All nominations are to be distributed to the current general membership prior to the December club meeting.

(f) Eligibility for nomination and election to any Officer or Board position, and to hold that position, requires that they are a current and paid club members as of February 1st and for the duration of the term they are elected to. If they are not a current and paid club member in the Modelaires by February 1st, they must forfeit the position they were elected to.

## Article V

### Vacancies

Vacancy in any Officer or Board position shall be nominated by the club President and voted on by the club Board. Such positions will serve to the end of the term for which their predecessor was selected. If the club President becomes the vacancy the nomination will be made by the current club Vice President, who has assumed the office of President for the remainder of the term.

## Article VI

### Meetings

Regular meetings shall be held each month on a day decided by the club Officers.

Notice of regular meetings will be published in the club newsletter or by email to current club members.

Club members will be notified via the club newsletter or by email to the current club membership of annual election meetings at least three weeks in advance. However, failure to notify the members in advance shall not nullify any election procedures conducted at any meeting where a quorum is in attendance as stipulated in Article VII (b).

Election of club Officers and Board Members will be held at the December general membership meeting and will include votes made by members' present including votes received via mailed in paper ballot. Officer and Board member candidates must be finalized four weeks in advance of the December meeting at which a vote is to take place. The finalized ballot will be sent via email to the club membership three weeks in advance. Paper ballots must be received at the designated address, as directed on the ballot, the day before the December club meeting at which an election is to take place. The paper ballots will be opened and counted at the club meeting.

Special meetings of the club shall be at any convenient time, as decided by the club President and other available Officers' or by at least three current Board members, or by any ten club members. The meeting time and place shall be published in the club newsletter or distributed to the current club membership via email at least three days in advance.

## Article VII

Modelaires business meetings and voting rules.

### Voting

- (a) Only current and paid **adult (19 years of age or older)** members will be eligible to vote
- (b) A passing vote requires one more than half the votes cast
- (c) In person and mailed in paper ballots shall be utilized for:
  - a. Election of club Officers and Board members
  - b. By-Law changes
  - c. Increase in annual club dues
  - d. Non budgeted expenditures over \$1000

- e. When the club Board believes an item is such importance that having a mailed in paper voting process is warranted
- (d) Only current and paid **adult (19 years of age or older)** club members may vote. Voting will be done at a general membership meeting or by a mailed in paper ballot approved by the Board. In person votes and unopened mail in ballots will be opened and counted at the meeting to insure that a member only votes once.
- (e) The club will not accept any form of Proxy Voting.
- (f) Any time an absentee vote via paper ballot is required by bylaw requirements, the form from which the ballot can be printed will be included in the previous month's e-mailed newsletter or sent via special e-mail

#### Regular Business

- (a) All regular business affairs conducted by the club shall be directed by the Board, except that at any time the President, or the Board, may call a special meeting of the membership to decide on any problem of business activity.
- (b) At any club meeting, a passing vote requires one more than half of the members present.  
At any Board meeting, a passing vote requires one more than half of the Board's personnel.
- (c) The Board may approve financial expenditures up to \$500 for any non-budgeted expense.
- (d) Any non-budgeted expenditure above \$500 and below \$1,001 shall be taken to a General membership meeting for vote of approval.
- (e) Any non-budgeted expenditure above \$1,000 shall be taken at a general membership meeting for vote of approval by the majority of members present, including votes received via mailed in paper ballots.

#### Article VIII

##### Dues and Fees

The collection of and setting of, dues and fees (such as Landing Fees) for the Des Moines Modelaires Club.

**Membership** - An applicant must have a **current** Academy of Model Aeronautics membership valid through December 31 of the membership year, and is registered with the FAA to fly sUAV valid through December 31 of the membership year, and who pays the club annual dues and assessments, if any, will be issued a flying membership card that entitles them to full use of all of the Modelaires flying fields, voting privileges, and the possibility of holding any office in the club. They will also receive the club newsletter via email when published.

- (a) Membership types and dues shall be per the Membership Application which will be reviewed annually.
- (b) Annual membership dues shall be adjusted according to the financial needs of the club and approved by vote of the general membership present at the club meeting which such vote is taken, including votes received via mailed in paper ballots. Any change in club dues will be published via the club newsletter or via distribution to the current club membership via email and voted on at the August General Membership meeting.
- (c) No special assessment shall be levied upon the club membership at any time, except by vote of the current paid club membership provided a majority vote of those present at the club meeting that such a vote is taken, including votes received via mailed in paper ballots.

#### Article IX

##### Special Funds

The Treasurer of the club is authorized to receive contributions or specially obtained funds from any individual or institution, to be applied to the operation of the club.

#### Article X

##### Amendments

Amendments may be made to these Bylaws at any general meeting of the club membership by vote of the current paid club membership upon majority vote of those present at the club meeting, including votes received via mailed in paper ballots., provided the Members shall have been notified via the club newsletter or email at least ten days in advance that an amendment is to be considered.

Copies of the proposed amendments shall be provided to all Officers and Board members and to any members who may request the same.

### West Field Runway Project (April)

The new runway at West Field is now in. Over 25% of our club members (approximately 30 members) were able to help out for one day or even both days. Understanding most of us have so many pulls on our time I personally think this is an amazing turnout. The final result is one fine RC flying site!

Friday was dedicated to pulling out the main runway but why stop there. The group decided to keep working and to use some of the old runway material to widen the cross runway so now the cross runway is 36 feet wide by 250 feet (it was 24 feet wide).

Saturday was committed to installing three new rolls of 12 feet by 350 feet of runway material. So now the main runway is 36 feet wide by 350 feet long with no cross seams at all (it was 24 feet wide by 250 feet long with lots of cross seams).

Attached are a few pictures of the new runway. I am so proud to be part of such a great club!  
Thanks, Denis





**May 7, 2016 Multi-Wing Fly at West Field**





## **SUPPORT OUR VETERANS AIRSHOW**

***"You are all invited to attend this very Special Event"***

*The history of this Airshow*

***As a group "The Ottumwa Radio Controlled Flyers", we support our Veterans by flying our planes and using our hobby as a Tool to promote "PATRIOTISM" for the Men and Women that have served and are Currently serving in the Armed Forces. It has been a great feeling for those in this club to look back at the years that we have done this with pride. In conjunction with the AMA org, we support the National Day of Flying. On that day clubs all over the country clubs like ours, fly our planes to support the MEN and WOMEN of the Armed Forces.***

***The flyer this event is more then 12 pages, find more at this link:***

[https://www.rcflightdeck.com/event\\_details.cfm?event\\_id=5563](https://www.rcflightdeck.com/event_details.cfm?event_id=5563)



**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*

## 2016 Calendar of Events

(Dates and locations are subject to change)

- Club Meetings are generally the 1<sup>st</sup> 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 2<sup>nd</sup> 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 11 - 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 5 - Club Meeting (EPJ 7pm)

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

July 9 – 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 1<sup>st</sup> through December 31<sup>st</sup>, after July 31<sup>st</sup>, adult flying membership dues are \$60.00 through December 31<sup>st</sup>.*

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

Denis Roy  
1872 NW 150<sup>th</sup> 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](http://www.modelaircraft.org) to join the AMA and to learn more about the benefits of AMA membership and their insurance coverage.

## Club Officers

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

<b>Board Members</b>	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 *	<a href="mailto:iakarl@yahoo.com">iakarl@yahoo.com</a>

\* Term expires on December 31, 2016

\*\* Term expires on December 31, 2017

### Public Relations Officer

Dave Beecher - [db500\\_1999@yahoo.com](mailto:db500_1999@yahoo.com) or (515) 661-2456

### Safety Officers

**EPJ** – Dion Kintz

**West Field** – John Faust

<b>Membership</b>	Denis Roy 1872 NW 150 <sup>th</sup> Ct Clive, Iowa 50325 (515) 249-1617 DenisRoy81@gmail.com
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<b>Newsletter</b>	Dave Beecher <a href="mailto:db500_1999@yahoo.com">db500_1999@yahoo.com</a>
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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	<a href="mailto:DenisRoy81@gmail.com">DenisRoy81@gmail.com</a>	Airplane (West Field)
Dave Beecher	777-1665	<a href="mailto:db500_1999@yahoo.com">db500_1999@yahoo.com</a>	Airplane (West Field)
Pat Nestvedt	222-1987	<a href="mailto:plnest@hotmail.com">plnest@hotmail.com</a>	Airplane (West Field)
Jim Lewis	289-1144	<a href="mailto:clone2tb@gmail.com">clone2tb@gmail.com</a>	Airplane (EPJ)
Tim Nissen	964-9307	<a href="mailto:nissentimothy@mchsi.com">nissentimothy@mchsi.com</a>	Airplane (EPJ)
Doug Griffith	480-1585	<a href="mailto:duggriff@yahoo.com">duggriff@yahoo.com</a>	Airplane (EPJ)
Duane Vierling	238-0924	<a href="mailto:dwvierling@gmail.com">dwvierling@gmail.com</a>	Airplane (EPJ)
Kelly Brown	494-4884	<a href="mailto:kbrown@dwx.com">kbrown@dwx.com</a>	Helicopter

## Our Field Locations:

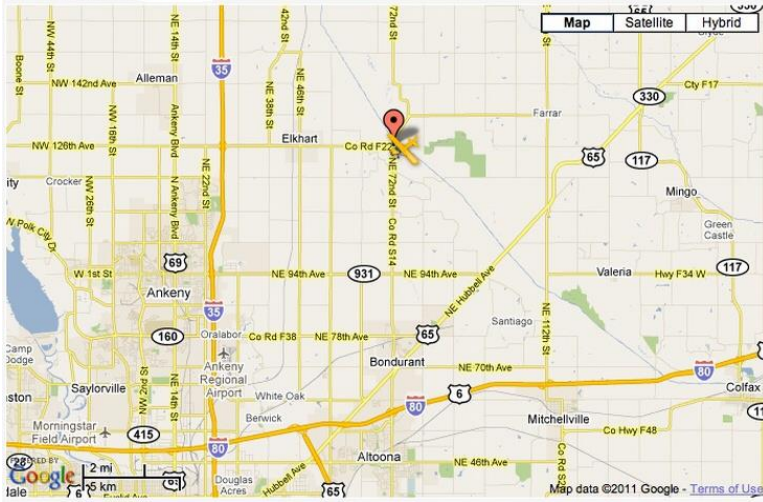
### EPJ

#### 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**



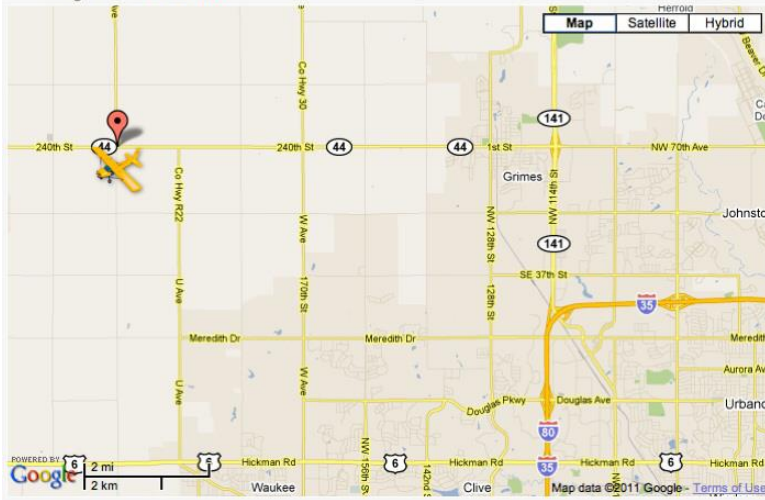
## West Field

### 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