



PLANE TALK NEWS

The Des Moines Modelaires Newsletter

A message from club president Jim Porter:

++Field Maintenance

If I understand correctly Keith Page has volunteered to continue to be the 'Field Marshall' for Westfield this year. For the last several years Jim Lewis has fulfilled this function for EPJ but has requested a well deserved break from this 'position'. We need someone to step forward and take over as EPJ Field Marshall. Without this position a flying field would soon deteriorate to where it's no longer useable. I believe the job is best filled by someone who lives close to the field and has the time and willingness to check the field on a regular basis.

My impression is that this 'job' entails closely following the condition of the flying field, recommending projects needed to keep the field in flyable condition, coordinating these projects and overseeing the mowing arrangements. I would not expect the Field Marshall to have the added position of mowing coordinator, but to find someone who could coordinate the mowing and recommend and oversee needed maintenance on the mowing equipment. However, this could be done by one person if they were willing.

I hope someone will step forward and take on this responsibility for EPJ.

++Johnston Wallace Elementary School program

Jim Lewis has been contacted by Mike Sandberg asking if the Modelaires could/would make a presentation to the school on Tuesday, May 31 about R/C airplanes. The presentation would be to either six groups of 40 students in six morning sessions or six afternoon sessions or both morning and afternoon sessions to twelve groups. According to Jim the club had done at least a flying demonstration at one of the Johnston schools in the past. At this point Jim had not been told the focus of the presentation nor where it would take place. Please think about this and we'll discuss this at the next board and general membership meeting.

++Spring maintenance

I'm sure the recent weather change has nearly everyone longing for a session at the field. Before you load up and mosey out to the field you need to think about the condition of your equipment when you put it in storage last year. It's so much easier to take care of maintenance problems at home than to endure the frustration of getting to the field only to find that something is not working right - including the mental state of the pilot.

The list of things to check is nearly endless, especially as we have so many different types of flying machines in the club. But here's a few ideas.

- * Check your batteries, both radio, receiver, and power. It wouldn't hurt to cycle ALL of your batteries of both varieties. It's particularly helpful to perform at least one gentle charge/discharge cycle on your LiPos to 'wake' them up. Recent recommendations from several manufacturers say that this will improve the number of cycles you can get out of your power batteries.
- * Turn your engines over to make sure the bearings haven't become sticky or rough from congealed oil or rust. Hopefully you added some preservative oil to your engine after the last run of the season. Replace any fuel tubing that is old or that has become hard. Gassers need to make sure that the pump carburetors have not gummed up over the winter.
- * I don't know if anyone still uses rubber bands for any parts retention, but last year's bands need to be thrown away and replaced with fresh ones - preferably with ones you just purchased.
- * Do your wheels turn easily? Dirty darts on that first rusty takeoff are sure to raise the pucker factor a few levels. A little dry lubricant (graphite) is better than oil as it doesn't attract and hold dirt.

- * Unless you use Sullivan clevis's with metal keepers, replace ALL the elastic keepers on your clevis'.
- * A general wipe down to remove the winter's dust and the crud left over from last year will give you an opportunity to look at the general condition of your flying machine. Does everything look 'right'? Is the covering loose anywhere? Are the hinges still solid? Are all the Loctite fasteners still in the correct place? On a 'regular' power plane this might only cause a minor inconvenience, but on a fling wing it's a sure recipe for transfer of dollars from you to the hobby shop for repair parts - and a LONG look for all those parts that went missing when the 'Jesus' bolt left the main shaft.
- * Grab hold of those things that stick out into the air and wiggle them. Does anything seem looser than it should be?

I may have been preaching to the choir, but a little time spent now may prevent some frustration later.

++Absentee balloting

I doubt that any one process will satisfy all members, but I believe that your board of directors has found a process that will fulfill the needs of most of the membership. We are now working on the changes to the bylaws that will make this process possible. One or two more reviews of the bylaws should see them ready for presentation to the general membership for comment and hopefully a vote of approval.

Enough already.

Jim Porter

March 1, 2016 Summary of General Club Meeting

Meeting was called to order at 7:00, 9 members were present.

-Jim Porter read the February minutes and the treasures' report in John Faust's and Denis Roy's absence.

-Jim then discussed the board's proposal to put signs at the entrance to both fields welcoming members and guest and stating that both AMA and FAA registrations would be required to fly. Gene Czarnecki volunteered to make mountings for the signs.

-Jim also talked about maintenance needs at West Field (gravel for the driveway, sealer for the club house, replacement fencing, runway, and paint for the shed)

-An update of the boards work on the by-laws and voting proposals.

-Matt Coleman asked for volunteers for his Heli event. Call or email Matt if you would like to help.

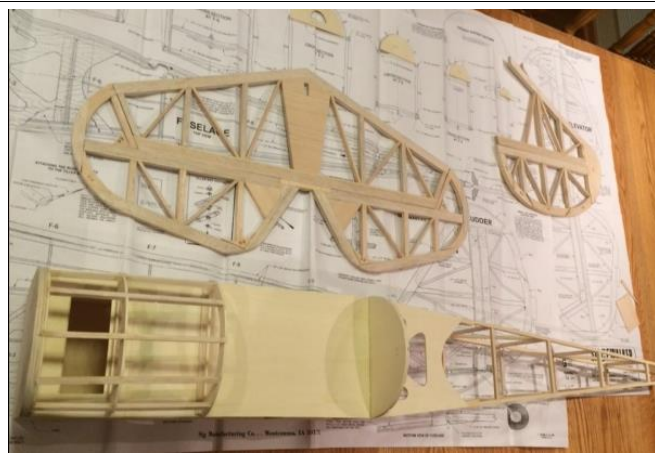
Sig 1/3 Scale Spacewalker Project by Bill Garrett

My enjoyment with the hobby is twofold, building airplanes and flying them. This project began the weekend of Thanksgiving of 2015. I have not kept track of my hours working on this project but I am sure it would be upwards of 60 hours so far. I wanted to build something that met the following criteria. I wanted it to be scale, at least 80 in. wing span, and something that had to be built rather than purchased. I plan to use an RCGF 50cc Twin for power. Since it will be gas, I will be using 6 channels (Aileron, Rudder, Elevator, Throttle, Choke and Remote Engine Cut Off) to control it. The landing gear used is Robart ¼ Scale Cub Gear. I plan to cover the model with fabric and paint it to match the original Sig Spacewalker. As of now the model requires all control surfaces to be hinged, radio gear placement and any final structure work before covering. I hope to have it in the air towards the end of the 2016 season.

Here are the specifications for the Skywalker

| | |
|-----------------|--|
| Wingspan | 104 in |
| Wing Area | 1800 sq in |
| Length | 72 in |
| Flying Weight | 20 lb |
| Radio Required | 4 – Channel with 5 servos |
| Engine Required | 2-Stroke 1.5 - 2.4 (25-40 cc) 4-Stroke 1.8 - 3.0 (30-50 cc) |

A few photos follow:





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 is needed.

Dave Beecher

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
- Coffee Socials are generally the 2nd Saturday of the month
- Fun Flies are generally the Saturday after a club meetings during the flying season

| | |
|---|--|
| January 1, 2016 - Penguin Fly/Club Meeting (West Field 9am) | August 22 - Training Program (EPJ / West Field 6pm) |
| January 9 – Coffee Social (West Field 10am) | August 26, 27, 28 – Heli Fly EPJ |
| February 13, 2016 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm) | August 29 - Training Program (EPJ / West Field 6pm) |
| February 20, 2016 – Coffee Social (West Field 10am) | September 6 - Club Meeting (EPJ 7pm) |
| March 1 – Club Meeting, EPJ | September 10 – Sailplane Fun Fly (Dave Beecher - West Field 10am – 2pm) |
| March 12 - Coffee Social (West Field 10am) | September 10 – Coffee Social (West Field 10am) |
| April 5 - Club Meeting (West Field 7pm) | September 15-18 - 3D Harvest Huck (EPJ) |
| April 9 - Coffee/Cub and High-wing Fly (John Faust – West Field 10am – 2pm) | October 4 - Club Meeting (West Field 7pm) |
| May 3 - Club Meeting (EPJ 7pm) | October 8 – Club Auction (Catholic Church Ankeny) (Ray Pick) Doors open at 8:00am |
| May 7 Multi-wing Fun Fly (Alan Annear – West Field 10am – 2pm) | October 15 - Any Size Warbird Fun Fly (Ray Pick – EPJ) |
| May 14 – Coffee Social (West Field 10 am) | October 22 – Coffee/Pot Luck / Gasser Fun Fly (Alan Annear / Denis Roy – West Field 10am – 2pm) |
| June 6 - Training Program (EPJ / West Field 6pm) | November 1 - Club Meeting (EPJ 7pm) |
| June 7 - Club Meeting (West Field 7pm) | November 12 – Coffee Social (West Field 10am) |
| June 11 - EDF/Jets Fun Fly (TBA) | December 6 - Club Meeting and Elections (TDB-7pm) |
| June 11 – Coffee Social (West Field 10 am) | December 10 – Coffee Social (West Field 10am) |
| June 13 - Training Program (EPJ / West Field 6pm) | January 1, 2017 - Penguin Fly/Club Meeting (EPJ 9am) |
| June 20 - Training Program (EPJ / West Field 6pm) | February 4, 2017 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm) |
| June 27 - Training Program (EPJ / West Field 6pm) | |
| July 5 - Club Meeting (EPJ 7pm) | Fun Fly Information: |
| July 9 – Warbird Fun Fly (Ray Pick – EPJ) | April 9 - Cub and High-wing Fun Fly – West Field, John Faust |
| July 9 – Coffee (West Field 10am) | May 7 – Multi-wing Fun Fly - West Field, Alan Annear |
| July 11 - Training Program (EPJ / West Field 6pm) | June 11 - EDF/Jets Fun Fly, EPJ, Dion Kintz |
| July 18 - Training Program (EPJ / West Field 6pm) | July 9 – Warbird Fun Fly, EPJ Ray Pick |
| July 25 - Training Program (EPJ / West Field 6pm) | August 6 – Electric Fun Fly West Field, Jim Porter |
| August 1 - Training Program (EPJ / West Field 6pm) | September 10 – Sailplane Fun Fly – West Field, Dave Beecher |
| August 2 - Club Meeting (West Field 7pm) | September 15-18 - 3D Harvest Huck – EPJ, Duane Vierling |
| August 6 - Electrics Fun Fly (Jim Porter – West Field 10am – 2pm) | August 26, 27, 28 – Heli Fly EPJ (Matt Coleman) |
| August 13 – Coffee & (West Field 10am) | October 15 - Any Size Warbird Fun Fly, EPJ Ray Pick |
| August 15 - Training Program (EPJ / West Field 6pm) | October 22 - Gasser Fun Fly, West Field, Denis Roy |
| August 13 – National Model Aviation Day (Alan Annear – West Field 9am – 2pm) | |
| August 15 - Training Program (EPJ / West Field 6pm) | |

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 clubs 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 150th Ct
 Clive, Iowa 50325
 (515) 249-1617
 DenisRoy81@gmail.com

Newsletter Dave Beecher
db500_1999@yahoo.com

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 |
| Jim Lewis | 289-1144 | clone2tb@gmail.com | Airplane |
| Tim Nissen | 964-9307 | nissentimothy@mchsi.com | Airplane |
| Doug Griffith | 480-1585 | duggriff@yahoo.com | Airplane Mode 1 & 2 |
| Kelly Brown | 494-4884 | kbrown@dwx.com | Helicopter |

Our Field Locations:

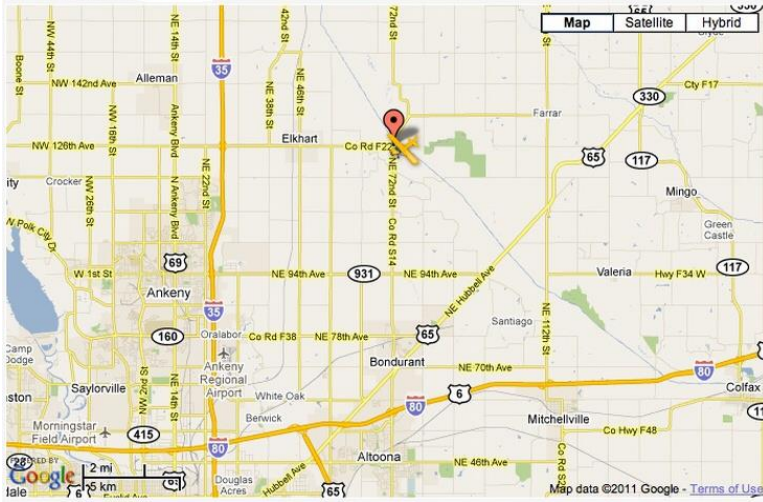
EPJ

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



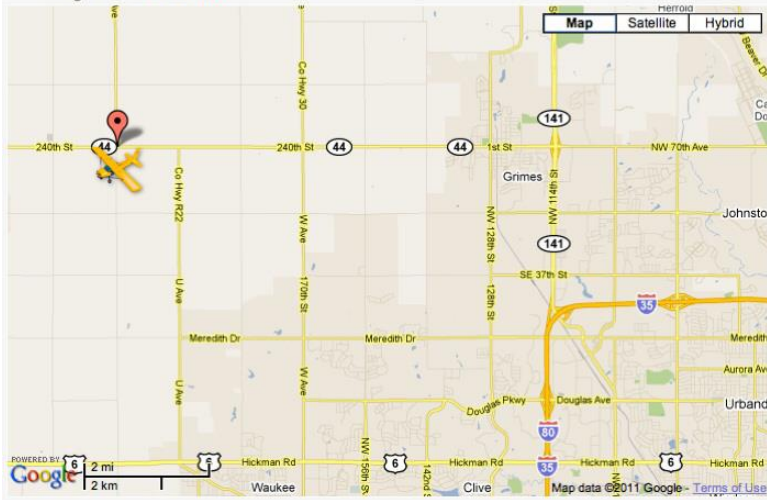
West Field

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 monthly 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