

PLANE TALK NEWS

The Des Moines Modelaires Newsletter

Freewing 80mm A-10 Warthog Review, by Dave Kalwishky , Modelaires Vice President

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A week or so ago I finally got to maiden my A-10. As many have already written this is a SWEET flying plane and has plenty of power with the 80mm stock setup. I've only got three flights on her so far (stupid Iowa hot and windy summer) but I'm looking forward too many more.



I'm running a pair of Admiral 6 cell, 5000mAh, 50C batteries. My timer is set at 3:30, when the timer goes off I land, I'm usually at 4:00 – 4:15 by the time I'm done, my cell voltages are 3.70 – 3.80 volts which is where I like them. I'm flying with mostly 50% throttle with 100% on passes. :)

I'm flying with the low rates from the manual with 30% expo on all surfaces and the CG somewhere between 85 – 90mm which seems to be perfect. The plane is big so I had a hard time with balancing it. I have not added any elevator mix with the flap deployment; on the three flights I've had I haven't seen the need.

The takeoff was really easy, I spent a lot of time tweaking the nose wheel to make sure the plane tracked straight and that time spent paid off. I gave a little up elevator once I felt I had flying speed and up I went. I didn't need much trim; she flies like she's on rails.



The landing was not as good as I wanted as I was carrying too much speed and she ballooned on me, I was nervous about slowing it down but the next two landings were perfect. A lot has been written about landing this plane, here is the approach I take as a full scale pilot. On downwind I deploy the first notch of flaps and let her slow a bit, right before I turn base I go to full flaps, I keep a touch of power in. When I turn short final I cut the power and coast right in keeping the nose up thus landing on the mains first then full up elevator to keep the nose up as long as possible (just like a real plane). If you have too much speed when you land and haul back on the elevator you will be flying again. Lastly if you bounce your landing you ease the plane back down. If you bounce again go around and

do it again, the third bounce is almost always a guarantee that something could break on the front landing gear.

MotionRC and Freewing have hit it out of the park with this plane, I'm looking forward too many more flights this summer.

Maiden flight video

https://youtu.be/7u1U2tH_rT4

July Member's Meeting at EPJ, submitted by John Faust

- Meeting called to order at 7:10 with 14 members present.
- Both the meeting minutes and the Treasurer's reports were read and approved.
- Jim Porter talked about the board's work on the proposal to add a late fee for members who renew after Feb 28, he also stated that it was very important that we have membership renewed in a timely fashion. Several members said that there were a good number of people who would wait to renew until the tax return came back. A proposal was made and passed that the late fee be set at \$20.00 and applied after Mar. 31st.
- Jim Porter reported that the issue with one member's membership had been resolved and then he talked about the definition of "guest" that would be published in the newsletter along with the changes in board officers' responsibilities.
- Trainers that were stored at EPJ were also discussed. Matt C asked that he be allowed to keep one of the trainer at the field for him to use as a trainer for those who wanted to try RC flying. Several members reminded Matt that he would need to be put on the list of trainers on the AMA roster. The other trainer would be offered for sale in the club newsletter or the sold in the auction.
- Tim N reported on efforts to get dirt for repairs to the runway. The club members also approved \$100.00 for repairs to the mower shed and picnic tables.
- Meeting was adjourned at 7:55

Upcoming Club Events

- July 24 - Training Program (West Field 6pm)
- July 31 - Training Program (West Field 6pm)
- August 1 - Club Meeting (West Field 7pm)
- August 5 - Electrics Fun Fly (Jim Porter – West Field 10am – 2pm)
- August 7 - Training Program (West Field 6pm)
- August 12 – Coffee & National Model Aviation Day (Alan Annear – West Field 9am – 2pm)
- August 14 - Training Program (West Field 6pm)
- August 21 - Training Program (West Field)
- August 25,26,27 – Mid West Chopper, (Matt Coleman - EPJ)
- August 28 - Training Program (West Field 6pm)
- September 5 - Club Meeting (Weiss-Merkle Financial 7pm)
- September 9 – Coffee Social (West Field 10am) Sailplane Fun Fly (Dave Beecher - West Field 10am – 1pm)

MIDWEST CHOPPERS

AUGUST 25TH-27TH

PRIZES

BUDDY BOXING

Hosted by Des Moines Modelaires at EPJ Field

Address: (use google maps) 12559 NE 72nd St. Elkhart, IA

For those traveling on I-35: take the Elkhart Exit 96 and head east on NE 126th Ave through Elkhart to the T,. Can't miss it.

Open to all, AMA required to fly (\$20 landing fee includes 1 meal voucher);
Turbine (with waiver), gas, electric, and nitro welcome

DES MOINES MODELAIRES
AMA CHAPTERED CLUB #1740 ESTABLISHED 1935

HOBBY HAVEN
Your Family Hobby Center
Urbandale, IA

A Message from Larry S. Zimmer

Des Moines Modelaires

July 10 2017

I have been visiting the EPJ site since 2011 and taking many photos. All members have been friendly and very willing to let me take photos of their babies. I saw Helicopters, Fuel Powered, Electric, and even got to see one JET. That one was so fast on the way by it was very difficult to take a photo that was not blurred! From the 1 foot to 6+ foot wingspan fixed wing and those Electric Helicopters were fantastic.

I am trying to keep from starting another hobby. I have a few Quad Copters and one that I use for aerial photos for hobby sake. Not many people are excited about an Iowa Corn Field from 300 feet. I even was allowed to take a video of a Corn Picker from 50 feet up. Not many farmers have the slightest interest in seeing photos of their corn field from 100 feet but I am.

I have given a disk with some of my photos from this year only as my way of saying thanks for letting me be a guest and allowing me to take photos all of the time. What do I do with them? Not much I print a few and pass a few out at the EPJ field where I have visited all of the time.

Having attended an Air Show in South Carolina, this year, was surprised to see members at the EPJ airfield with P51's that had a similar paint scheme that the full sized ones had. I will include a couple of photos to show this.



Ok with the RC unit on the ground you can easily see which one is the full sized unit.

Oh now I use a Canon 70D with either a 10-22MM Wide angle or a 55-250MM Zoom lens to take photos.

I can take Videos but need a tripod to hold the camera steady and in bright sunlight it is hard to see the monitor on the camera.

See you on the week end events or just checking to see if anyone is there.

Larry S. Zimmer

A Few of Larry's Photos of the EPJ Warbird Fly – Many More on the Modelaires Website





**Photos and
Comments for the
Warbird fly from Rick
Konopka**

We had great
weather, great food
and a wide variety of
airplanes resulted in

one of the best fun fly events of recent years. Nice job by event leader, Ray Pick, and the many participants! More of Rich's photos on the website.



June 17 – Flylow Jet Funfly, EPJ, Hosted by Matt Coleman



Attached are the amended bylaws and ballot. The vote will take place at the August meeting at West Field and will include mail-in ballots. The proposed bylaw changes are in RED. Amended field rules follow.

DES MOINES MODELAIRES BY LAWS

Effective August 2017

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. **The Vice President is also responsible for keeping track of club membership and distributing ID cards to paid members.**

(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.

(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 Treasurer shall be elected in even numbered years and the offices of Vice-President and Secretary 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.

Membership Renewal- If a person renews their club membership after March 31st, an additional fee of \$20 will be added to the regular membership dues.

- (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

Membership revocation / Expulsion from the Club

Revocation of membership or expulsion from the club may happen if a member repeatedly violates safety rules of the club. They may also be expelled or have their membership revoked if they participate in an illegal activity (As defined by Iowa law.) at either of the Club's fields or while participating in a Modelaires event at another location.

When a violation occurs, the Board shall be informed immediately and a Board decision regarding the matter will be made. The offending member and other witnesses shall present their statements of the incident prior to the Board making its ruling. This decision will then go to the General Membership for a vote to either accept or reject the Board's ruling.

Article X

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 XI

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.

Des Moines Modelaires

August 2017 Bylaw Amendments Ballot

You can vote in person at the club meeting on August 1, 2017 at West Field, or you may vote by mail by completing this ballot and sending it to:

John Faust
Des Moines Modelaires Bylaw Vote Ballot
1269 17th
West Des Moines, IA 50265

Your ballot must arrive in John's mail box by Monday July 29, 2017 to be counted. Voting by email will not be counted.

Your Name: _____ AMA#: _____
Please Print Clearly Please Print Clearly

Select one of the Following Votes on the Proposed Bylaw Change:

_____ Yes (to Update the Bylaws as Proposed)

_____ No (do not make the proposed Bylaw Update)

_____ Abstain

Member Signature

____/____/____
Date

Des Moines Modelaires Field Rules
Effective August 2017

All rules apply to both Des Moines Modelaires club fields (E. Paul Johnson field East of Elkhart and Westfield West of Grimes) except as noted.

It is the responsibility of all members to monitor for compliance with these rules.

Any member may ask you to stop flying if you are not in compliance with our field rules or flying in an “unsafe” manner. Neither you nor our field owners are covered by liability insurance if you are not in compliance with these rules.

Violations of field rules should be reported to the club Safety Officer. Repeated violations can result in revocation of your membership.

General Rules:

- Flying gas, glow, or turbine powered aircraft before 9am (10am Sundays at EPJ due to proximity of the church) or after sunset is not permitted.
- At West Field flying near the home south of the field or performing acrobatics over the farm east of the field, **when people are present**, is strictly forbidden.
- At West Field flying turbine powered aircraft is not permitted.
- Alcoholic beverages are not permitted on the field at any time.
- Firearms **and fireworks** should never be discharged **or ignited** at our fields.
- Use of our fields is restricted to current members of the Des Moines Modelaires and their guests.

Members must be present with, and supervise, their guests.

A guest shall be defined as the following:

1. A person who is undergoing flight training by a Des Moines Modelaires flight instructor.
 2. An AMA member who is flying with a current club member as a guest and flies with that member present at all times.
 3. An AMA member who has been a Des Moines Modelaires and is not currently a member, who contacts a current club board member to specifically ask for “guest status” for a specific day and is granted such status.
 4. An AMA member who is not currently a Des Moines Modelaires member who is participating in a club AMA sanctioned event.
 5. All Guest’s **MUST** fly with a sponsor member at all times.
- Both our flying fields are AMA sanctioned. To fly at these fields:
 1. All pilots must be a Des Moines Modelaires club member or invited guest.
 2. All pilots must have a current AMA membership.
 3. All pilots must have a current FAA registration.
 4. Club members must have a current Des Moines Modelaires membership and display their membership card on their person at all times.
 5. Invited guest pilots must be with a current Des Moines Modelaires member who is present and display their AMA card on their person at all times, or display it upon request as they may not have the means to attach it to clothing.
 - Pilots must stand near a designated flight stations and behind the safety fence when flying. We have a limit of 1 pilot at each flight station.
 - New members must demonstrate their flying proficiency to an existing member before flying solo.

- Spectators are welcome to observe from the pit area but are not allowed within the flying portion of the field.
- Pets are **NOT** allowed in the pit area and must be on a leash away from the pit area and the flying area.
- Club members must have current Des Moines Modelaires and AMA memberships and display their membership card on their person at all times.

Use of 72 MHz Transmitters / and Ham Frequencies

A frequency board is used to share 72 MHz frequencies. Do not turn your transmitter on, or begin flying, until you have placed your membership card on the frequency control board and know for sure your frequency is clear.

If you are using a transmitter that broadcasts on a frequency other than 2.4GHz you must post your frequency on the board. This includes Ham Radio frequencies and includes the video link frequencies used in FPV if required by the AMA.

1. Place your current membership card over the frequency number you will be using.
2. If your frequency is in use, communicate with the other pilots on your frequency and negotiate sharing it. Please be courteous and share frequencies.
3. Des Moines Modelaires members will use their current club membership card on the frequency board.
4. Guests must use their current AMA card on the frequency board.
5. Your **72 MHz** transmitter must have a frequency number displayed.

Starting or running of engines / motors

- Do not start or run engines / motors in the pit area. This includes helicopters, Quad copters, and electrics.
- If you are using a 72 MHz transmitter to run your engine, your card must be on the frequency control board.
- If you are preparing to fly, start your engine or arm your electric motor at a flight station.
- Effective mufflers are required on all fuel based engines as we must respect our neighbors by minimizing engine noise.
- Engine tune-up and engine testing must be done in the designated area at either end of the pit area and away from all flight stations.

General Flying

- Before taxiing onto a runway announce loudly "coming out" to let others know your intentions.
- Before starting your takeoff roll announce loudly "taking off" to let others know your intentions.
- Fly from the "Pit" side of the runway only. This includes all 3D activities and helicopter flights.
- Absolutely no flying over the pit area. **Repeat violations will result in termination of your membership.**
- Flying must be to the far side (away from the pit area) of the runway. This includes helicopters, quads and 3D flying.
- Always take off into the wind, if a cross wind or no wind situation exists, the pilots present will decide which direction to fly.
- After takeoff always turn 90 degrees away from the pit area and continue to fly in a rectangular or oval pattern.

- When landing, announce loudly to the other pilots, “landing” to let others know your intentions
- If you are “dead stick” (engine not running) announce loudly “dead stick” to let others know your situation. **Dead Stick aircraft have priority for landing.**
- Retrieval of downed aircraft from adjacent farm fields must be done on foot only.
- When retrieving an airplane from any part of the flying field:
 1. Check traffic to be sure you can retrieve your aircraft safely.
 2. Announce loudly “on the field” to let others know your intentions.
 3. Retrieve your aircraft as quickly as possible.
 4. When you are back behind the flight line fence, announce loudly “clear” to let others know you are safely off the flying field.

3D / Helicopter / Quad copter Flying / Gliders

- If you would like to fly a 3D plane, helicopter, glider, or quad copter clear of the active runway you must coordinate with pilots using the active runway and make sure they know your intentions.
- You must be skilled enough to ensure your aircraft does not cross the active flying pattern in use.

FPV (First Person View) Flying

- Your aircraft must remain in sight at all times.
- You must have an active spotter next to you at all times.
- You must follow AMA published rules.

Always Coordinate and Communicate, remembering Courtesy is Contagious and Safety is No Accident.

Academy of Model Aeronautics National Model Aircraft Safety Code

Effective January 1, 2014

A. GENERAL: A model aircraft is a non-human-carrying aircraft capable of sustained flight in the atmosphere. It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in accordance with this safety code and any additional rules specific to the flying site.

1. Model aircraft will not be flown:

(a) In a careless or reckless manner.

(b) At a location where model aircraft activities are prohibited.

2. Model aircraft pilots will:

(a) Yield the right of way to all human-carrying aircraft.

(b) See and avoid all aircraft and a spotter must be used when appropriate. (AMA Document #540-D.)

(c) Not fly higher than approximately 400 feet above ground level within three (3) miles of an airport without notifying the airport operator.

(d) Not interfere with operations and traffic patterns at any airport, heliport or seaplane base except where there is a mixed use agreement.

(e) Not exceed a takeoff weight, including fuel, of 55 pounds unless in compliance with the AMA Large Model Airplane program. (AMA Document 520-A.)

(f) Ensure the aircraft is identified with the name and address or AMA number of the owner on the inside or affixed to the outside of the model aircraft. (This does not apply to model aircraft flown indoors.)

(g) Not operate aircraft with metal-blade propellers or with gaseous boosts except for helicopters operated under the provisions of AMA Document #555.

(h) Not operate model aircraft while under the influence of alcohol or while using any drug that could adversely affect the pilot's ability to safely control the model.

(i) Not operate model aircraft carrying pyrotechnic devices that explode or burn, or any device which propels a projectile or drops any object that creates a hazard to persons or property.

Exceptions:

Free Flight fuses or devices that burn producing smoke and are securely attached to the model aircraft during flight.

Rocket motors (using solid propellant) up to a G-series size may be used provided they remain attached to the model during flight. Model rockets may be flown in accordance with the National Model Rocketry Safety Code but may not be launched from model aircraft.

Officially designated AMA Air Show Teams (AST) are authorized to use devices and practices as defined within the Team AMA Program Document.

(AMA Document #718.)

(j) Not operate a turbine-powered aircraft, unless in compliance with the AMA turbine regulations. (AMA Document #510-A.)

3. Model aircraft will not be flown in AMA sanctioned events, air shows or model demonstrations unless:

(a) The aircraft, control system and pilot skills have successfully demonstrated all maneuvers intended or anticipated prior to the specific event.

(b) An inexperienced pilot is assisted by an experienced pilot.

4. When and where required by rule, helmets must be properly worn and fastened. They must be OSHA, DOT, ANSI, SNELL or NOCSAE approved or comply with comparable standards.

B. RADIO CONTROL (RC)

1. All pilots shall avoid flying directly over unprotected people, vessels, vehicles or structures and shall avoid endangerment of life and property of others.

2. A successful radio equipment ground-range check in accordance with manufacturer's recommendations will be completed before the first flight of a new or repaired model aircraft.

3. At all flying sites a safety line(s) must be established in front of which all flying takes place. (AMA Document #706.)

(a) Only personnel associated with flying the model aircraft are allowed at or in front of the safety line.

(b) At air shows or demonstrations, a straight safety line must be established.

(c) An area away from the safety line must be maintained for spectators.

(d) Intentional flying behind the safety line is prohibited.

4. RC model aircraft must use the radio-control frequencies currently allowed by the Federal Communications Commission (FCC). Only individuals properly licensed by the FCC are authorized to operate equipment on Amateur Band frequencies.

5. RC model aircraft will not knowingly operate within three (3) miles of any pre-existing flying site without a frequency-management agreement. (AMA

Documents #922 and #923.)

- 6. With the exception of events flown under official AMA Competition Regulations, excluding takeoff and landing, no powered model may be flown outdoors closer than 25 feet to any individual, except for the pilot and the pilot's helper(s) located at the flightline.*
- 7. Under no circumstances may a pilot or other person touch an outdoor model aircraft in flight while it is still under power, except to divert it from striking an individual.*
- 8. RC night flying requires a lighting system providing the pilot with a clear view of the model's attitude and orientation at all times. Hand-held illumination systems are inadequate for night flying operations.*
- 9. The pilot of an RC model aircraft shall:*
 - (a) Maintain control during the entire flight, maintaining visual contact without enhancement other than by corrective lenses prescribed for the pilot.*
 - (b) Fly using the assistance of a camera or First-Person View (FPV) only in accordance with the procedures outlined in AMA Document #550.*
 - (c) Fly using the assistance of autopilot or stabilization system only in accordance with the procedures outlined in AMA Document #560.*
- C. FREE FLIGHT**
 - 1. Must be at least 100 feet downwind of spectators and automobile parking when the model aircraft is launched.*
 - 2. Launch area must be clear of all individuals except mechanics, officials, and other fliers.*
 - 3. An effective device will be used to extinguish any fuse on the model aircraft after the fuse has completed its function.*
- D. CONTROL LINE**
 - 1. The complete control system (including the safety thong where applicable) must have an inspection and pull test prior to flying.*
 - 2. The pull test will be in accordance with the current Competition Regulations for the applicable model aircraft category.*
 - 3. Model aircraft not fitting a specific category shall use those pull-test requirements as indicated for Control Line Precision Aerobatics.*
 - 4. The flying area must be clear of all utility wires or poles and a model aircraft will not be flown closer than 50 feet to any above-ground electric utility lines.*
 - 5. The flying area must be clear of all nonessential participants and spectators before the engine is started.*

Monday Night Training Nights West Field



Newsletter and Events

If you are an event coordinator I would be happy to run a poster or other advertisement for your event, just email it to me. If you would like to add an event check with the board, and let me know when it is approved. 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*



Fall Meeting Location Change

Jim Lewis has arranged for the club to be able to meet at an indoor location for the September, October, November and December monthly meetings. The new location for the fall meetings is at Weiss-Merkle Financial , 5409 NW 88th, Johnston. The building is west of the Price Chopper on 86th in Johnston. Thanks to Jim for helping making this location available.

National Model Aviation Day Flying Demonstrations and Fun Fly Saturday August 12, 2017



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 12, 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.

Lunch will be available for a cash donation.



The event will be at the club's West Field, located west of Grimes.



<http://www.desmoinesmodelaires.com/>

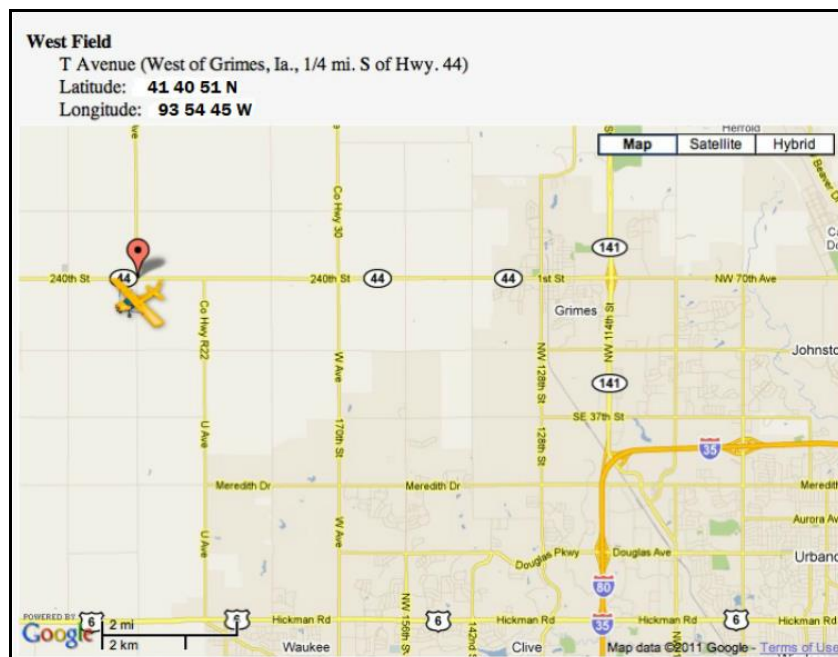


Have you ever wanted to learn to fly Radio Controlled (RC) Aircraft? If so, come to our West Field (just west of Grimes) on Monday evenings

We hold **free** public training at our West Field every Monday beginning Monday June 5th through Monday August 28th. If you are over 14 years old you are welcome to attend this program for up to three evenings. Club instructors and equipment will be available from 6pm until dark on days conducive for flying. You will be able to actually fly our training aircraft and learn about our club and the best equipment options if you do decide to continue flying. Flying RC aircraft often turns into a lifelong hobby and is a wonderful way to meet new people who also love to fly.

Our West Field Instructors are:

Denis Roy DenisRov81@gmail.com 249-1617
Dave Beecher db500_1999@yahoo.com 661-2456
Pat Nestvedt plnest@hotmail.com 201-8112
Scott Leonard scott@sjleonard.com 494-2011





AMA FOUNDATION
JET RALLY 2017



AUGUST 24-27, OTTUMWA, IOWA
PILOT FEE: \$65
(INCLUDES DINNER AND MEET & GREET WITH AIRSHOW PILOTS)
TENT RENTAL: \$150 (20 X 20 SPACE)
SATURDAY DINNER ONLY: \$20 (PER PLATE)
AMAFoundation.MODELaircraft.org/JETALLY

FLY IOWA AIRSHOW
SEE SOME OF THE WORLDS BEST!



MATT YOUNKINS



KYLE FRANKLIN



BRIAN CORBELL



SKIP STEWART

SATURDAY AT IPM

2017 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, 2017 - Penguin Fly/Club Meeting 11 am (EPJ 9am)
 - January 14 – Coffee Social (West Field 10am)
 - February 4 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm)
 - February 11 – Coffee Social (West Field 10am)
 - March 11 – Coffee Social (West Field 10am)
 - March 18 - Indoor Flying (Catholic Church Flying 9am, Club Meeting 1pm)
 - April 4 - Club Meeting (West Field 7pm)
 - April 8 - Coffee Social and High-wing Fly (John Faust) (West Field 10am – 2pm)
 - May 2 - Club Meeting (EPJ 7pm)
 - May 6 Multi-wing Fun Fly (Alan Annear – West Field 10am – 2pm)
 - May 13 – Coffee Social (West Field 10 am)
 - June 5 - Training Program (West Field 6pm)
 - June 6 - Club Meeting (West Field 7pm)
 - June 10 – Coffee Social (West Field 10 am) & Little Plane Day Fun Fly 10 – 2 (Denis Roy, West Field)
 - June 12 - Training Program (West Field 6pm)
 - June 17 – Flylow Jet Fly (Matt Coleman – EPJ 9 AM -6 PM)
 - June 19 - Training Program (West Field 6pm)
 - June 26 - Training Program (West Field 6pm)
 - July 3 - Training Program (West Field 6pm)
 - July 8 – Warbird Fun Fly (Ray Pick – EPJ)
 - July 10 - Training Program (West Field 6pm)
 - July 11 - Club Meeting (EPJ 7pm)
 - July 15 – Coffee (West Field 10am)
 - July 17 - Training Program (West Field 6pm)
 - July 24 - Training Program (West Field 6pm)
 - July 31 - Training Program (West Field 6pm)
 - August 1 - Club Meeting (West Field 7pm)
 - August 5 - Electrics Fun Fly (Jim Porter – West Field 10am – 2pm)
 - August 7 - Training Program (West Field 6pm)
 - August 12 – Coffee & (West Field 10am)
 - August 12 – National Model Aviation Day (Alan Annear – West Field 9am – 2pm)
 - August 14 - Training Program (West Field 6pm)
 - August 21 - Training Program (West Field)
 - August 25,26,27 – Mid West Chopper, (Matt Coleman - EPJ)
 - August 28 - Training Program (West Field 6pm)
 - September 5 - Club Meeting (Weiss-Merkle Financial 7pm)
 - September 9 – Coffee Social (West Field 10am) Sailplane Fun Fly (Dave Beecher - West Field 10am – 1pm)
 - October 3 - Club Meeting (Weiss-Merkle Financial 7pm)
 - October 7 - Any Size Warbird Fun Fly (Ray Pick – EPJ)
 - October 14 – Club Auction
 - October 21 – Coffee/Pot Luck / Gasser Fun Fly (Alan Annear / Denis Roy – West Field 10am – 2pm)
 - November 7 - Club Meeting (Weiss-Merkle Financial 7pm)
 - November 11 – Coffee Social (West Field 10am)
 - December 5 - Club Meeting and Elections (Weiss-Merkle Financial - 7pm)
 - December 9 – Coffee Social (West Field 10am)
 - **January 1, 2018** Penguin fly and Club Meeting (West Field 9 am, Meeting at 11 am)
 - February 17, 2018 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm)
 - March 10, 2018 - Indoor Flying and Club Meeting (Catholic Church Flying 9am, Club Meeting 1pm)
 - **Fun Fly Information:**
 - April 8 – High-wing Fly (John Faust - West Field 10am – 2pm)
 - May 6 - Multi-Wing Fun Fly (Alan Annear – West Field 10am – 2pm)
 - June 10 – Little Plane Day (Denis Roy – West Field 10am – 2 pm)
 - June 17 – Flylow Jet Fly (Matt Coleman)
 - July 8 – Warbird Fun Fly (Ray Pick – EPJ)
 - August 5 - Electrics Fun Fly (Jim Porter – West Field 10am – 2pm)
 - August 25,26,27 – Mid West Chopper, (Matt Coleman - EPJ)
 - September 9 – Sailplane Fun Fly (Dave Beecher - West Field 10am – 1pm)
 - October 7 - Any Size Warbird Fun Fly (Ray Pick – EPJ)
 - October 21 – Coffee/Pot Luck / Gasser Fun Fly (Alan Annear / Denis Roy – West Field 10am – 2pm)

2017 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 #: _____ Birth Day: Mo _____ Day _____ Year _____

AMA #: _____ AMA Expiration Date: _____

FAA #: _____ FAA Expiration Date: _____

If you plan to fly any aircraft over 0.55 lbs.

Email Address: _____

(Used for club newsletters and club informational emails)

You must have a current AMA membership and FAA Registration valid through the year of membership to be a Des Moines Modelaires club member. If you are flying an aircraft weighing more than 0.55 lbs., it must have an FAA sUAS registration number affixed to it.

Annual Dues are: Adult (19 & over at any time during 2017) \$100.00, Youth (18 & under) \$15.00. Dues are in effect from January 1st through December 31st. New adult members can join after July 31st for \$60.00 through December 31st.

Send this membership application, a copy of your AMA membership card and FAA registration, 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	Dave Kalwishky **	(515) 314-7060 dave@kalwishky.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	(515) 491-9039
	Dave Heuton *	dcheuton@aol.com	(515) 971-1677
	Ed Niles**	edniles32@yahoo.com	(515) 276-9058
	Tim Nissen *	nissentimothy@mchsi.com	(515) 975-1091
	Ray Pick **	rpick37681@aol.com	(515) 964-1408
	LaVerne Sanders**	ldsanders2807@mchsi.com	(515) 537-8482

** Term expires on December 31, 2017

* Term expires on December 31, 2018

Public Relations Officer

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

Safety Officers

EPJ – TBD

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

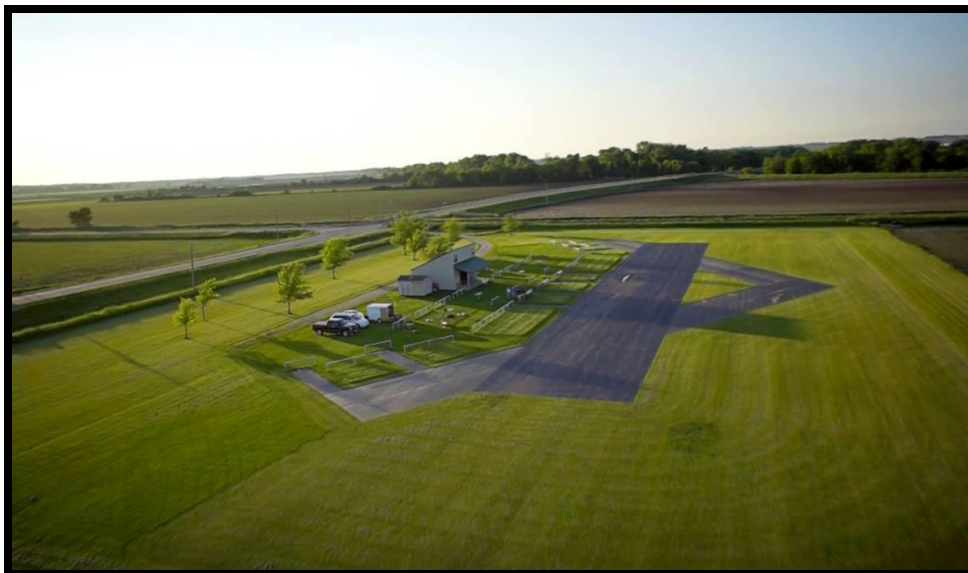
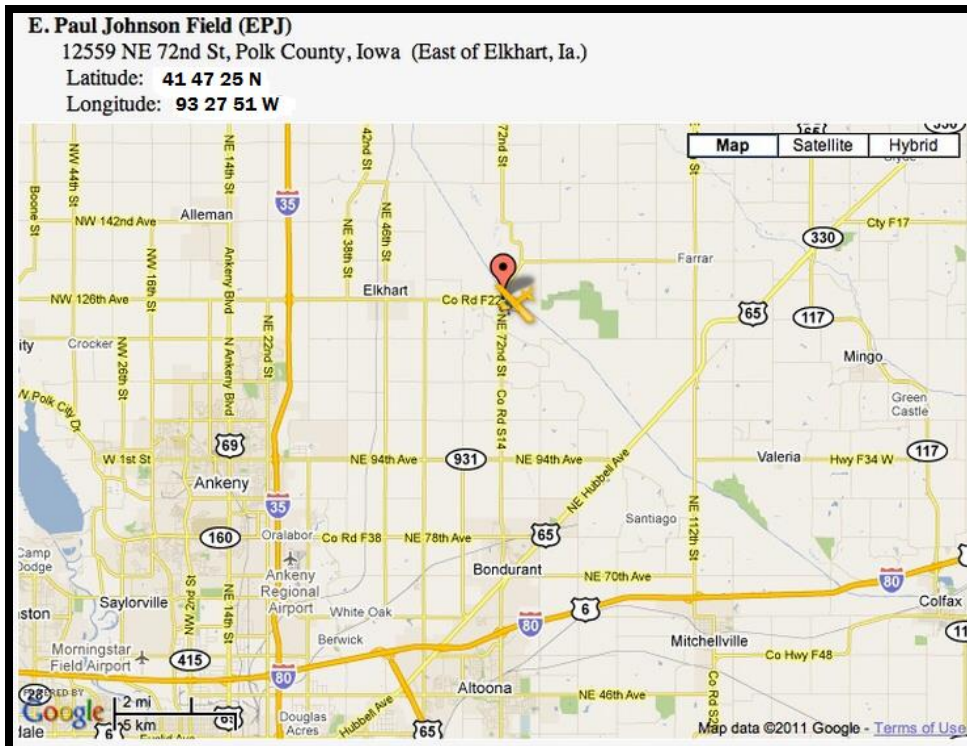
Club Training Team

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

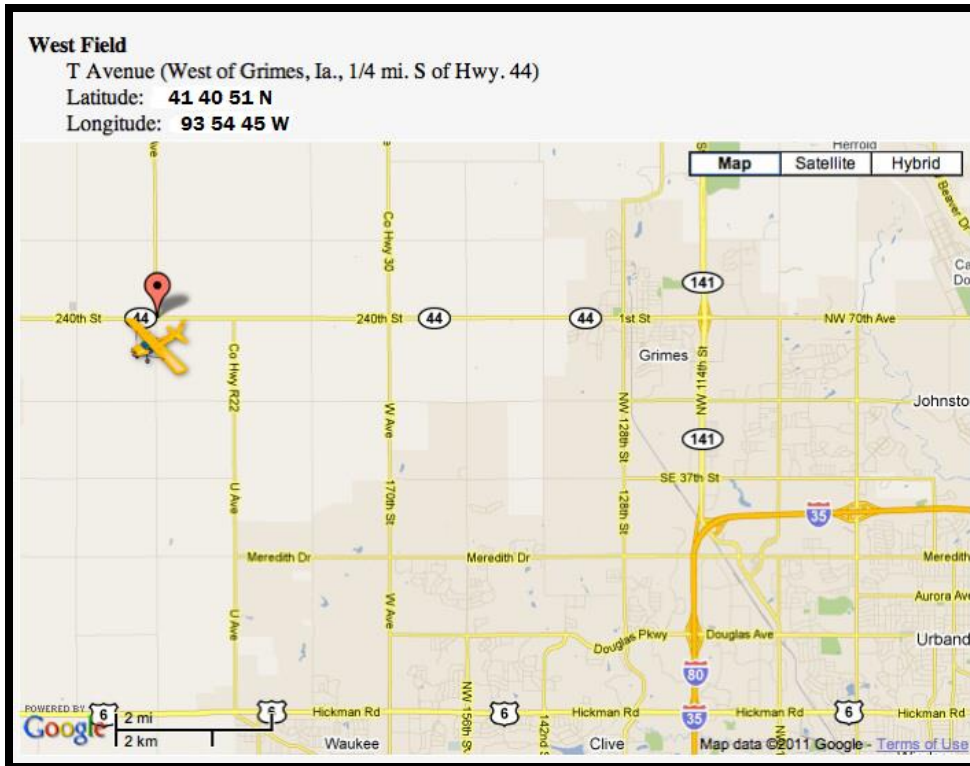
Denis Roy	249-1617	DenisRoy81@gmail.com	Airplane (West Field)
Dave Beecher	777-1665	db500_1999@yahoo.com	Airplane (West Field)
Pat Nestvedt	201-8112	plnest@hotmail.com	Airplane (West Field)
Jim Lewis	289-1144	clone2tb@gmail.com	Airplane (EPJ)
Tim Nissen	964-9307	nissentimothy@mchsi.com	Airplane (EPJ)
Doug Griffith	480-1585	duggriff@yahoo.com	Airplane (EPJ)
Kelly Brown	494-4884	kbrown@dwx.com	Helicopter

Our Field Locations:

EPJ



West Field



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