

PLANE TALK NEWS

The Des Moines Modelaires Newsletter

Upcoming Events

Saturday, 10/24/2015

8:00am - 3:00pm

Club Auction
See Flyer

Our Lady's Immaculate Heart
Church, 510 E. 1ST, Ankeny, IA

Saturday, 11/7/2015

9:00am - 5:00pm

Heli Fun Fly
Beverages and Lunch
available for purchase
EPJ

Tuesday, 11/10/2015

7:00pm - 9:00pm

Club Meeting
EPJ

Saturday, 11/14/2015

10:00am - 2:00pm

Coffee Social
West Field

Tuesday, 12/1/2015

7:00pm - 9:00pm

Club Meeting and Elections
Jim Porter's House
4923 160th ST, Urbandale

Saturday, 12/12/2015

10:00am - 2:00pm

Coffee Social
West Field

Saturday, 1/1/2016

9:00am - 2:00pm

Penguin Fly / Club Meeting
West Field

Hi Everyone,

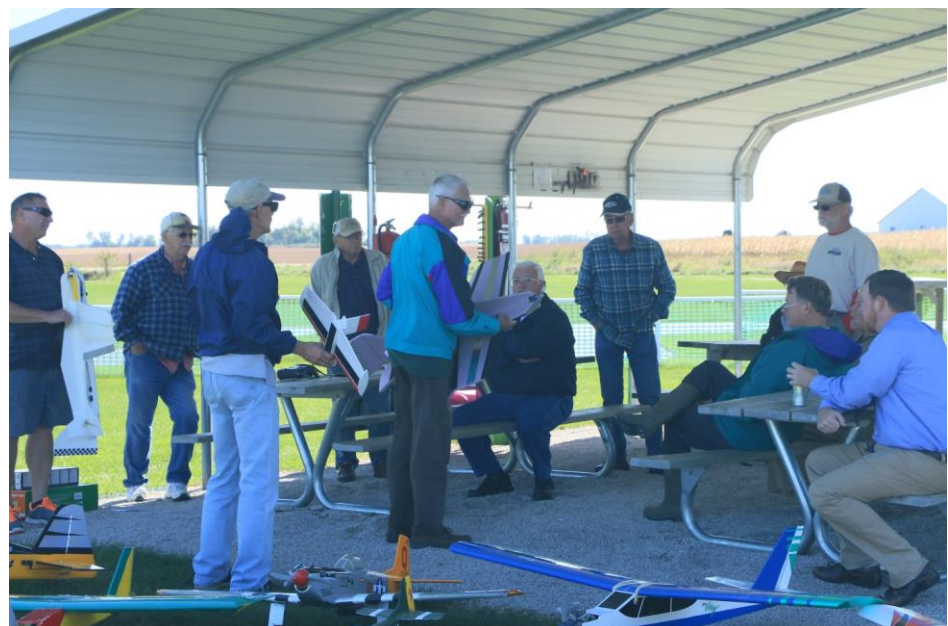
There has been lots of good flying weather lately. I hope you've been able to get out to the fields and enjoy it. I've been able to enjoy several good trips to the field and I'm hoping for a few more before the weather gets too cold.

Just a reminder, we will be holding club Officer and Board elections at the general meeting on December 1st. We need nominations for President, Vice President, Secretary, Treasurer, and four Board positions. This is a great way to help the club so please consider running for one of the positions.

One of the fun aspects of our hobby is night flying. This is a good time of the year to enjoy night flying as the insects are on the decline and the sun goes down earlier so you don't need to be a night owl to participate. Pick up some LED lights and add them to an existing plane you have. It is amazing how much fun night flying is and how easily you can become accustomed to "flying by light."

The Harvest Huck was well attended with over 40 registered pilots. Unfortunately, the weather didn't help the first couple of days and flying was hampered by the wet conditions. Dave Schlindwein told me that over the time the event has existed, it continues to grow each year.

We had a demonstration and static display at West Field on Sept. 29th for the Dallas Center Rotary Club. The flying conditions were poor but Keith Page and I were able to fly a little. All-in-all the demonstration went well and created some interest in our hobby for a few of the Rotary members.



I wanted to thank everyone who helped repair the runway at West Field, it looks great and I'm sure our models will appreciate the smooth surface!



The annual auction is on October 24th. If you are able to help that day, please contact Ray Pick at RPICK37681@AOL.COM

Our flying season will be coming to an end before long. The Club auction is always good place to buy 1 or 2 winter projects. There are usually many good deals to be found.

Alan

Drones are back in the headlines and members sent me the follow two articals that I thought were rather interesting.

The DroneDefender

While some homeowners are turning to shotguns to deal with unwanted drones, federal agencies and law enforcement lack the necessary technology to deal with this increasing menace. However, thanks to Battelle Innovations and its new DroneDefender, law enforcement now has an anti-drone system designed to disable a drone without blasting it out the sky.

The new DroneDefender uses radio pulses to disable a hostile drone within a 400-meter radius. These pulses interrupt the communications system of the drone, making it think it is out of range. The drone's safety protocols then kick in, forcing it to either hover, return to its point of origin, or descend slowly as it prepares to land. Because the weapon jams communication with the nearby operator, the DroneDefender also can prevent detonation and other remote functions.

The radio jamming system is mounted to a gun chassis that makes the anti-drone weapon lightweight (10 lbs or less) and easy-to-use. It is designed to fire within 0.1 seconds of startup and can operate for five hours straight. Not only is this system efficient, this rifle-like design is also familiar to the DroneDefender's targeted audience — government agencies and law enforcement.

Known for its ability to transform technology breakthroughs into useful hardware and services for both government and commercial customers, Battelle Innovations developed the DroneDefender using its in-house expertise, which spans both military and technology applications.

The company plans to begin selling the DroneDefender in 2016 and already has several federal agencies interested in obtaining the anti-drone weapon when it's released next year. Though it will be available to government agencies in the US and overseas, it won't be available for consumer use stateside, as it currently operates on non-consumer frequencies controlled by the FCC.

Drones have moved from military darling to consumer item in the last few years, with applications ranging from entertainment to video capture to sheep-herding tool. But despite the popularity of GoPro-enabled models that follow you down the slopes and record your every mogul and wipeout, it's clear the military aspects remain items to watch.

Drone registration details emerge

By Elizabeth A Tennyson

Manufacturers had many potential customers to talk to during the InterDrone conference in Las Vegas in September.

The Department of Transportation and the FAA have published new details about plans to register unmanned aircraft systems and set out their legal authority to regulate all UAS of any size, **including model aircraft**.

In a notice published in the *Federal Register* on Oct. 21, the DOT cited existing regulations that already require the registration of all aircraft, including UAS, and noted that Congress has confirmed the FAA's authority to regulate unmanned aircraft of all types. And while the FAA has exercised discretion and chosen not to enforce that requirement on recreational UAS in the past, the dramatic increase in reports of unsafe UAS operations has caused DOT to reconsider that practice.

But while the FAA plans to enforce its authority to require that unmanned aircraft be registered, it also wants to make the process less burdensome than the current paper-based registration system. A task force announced by DOT and the FAA during an Oct. 19 news conference will assist in that process by providing input on the type of information that should be collected, what type of registration platform should be used, and which if any UAS should be exempt from registration requirements because they pose a negligible risk to the National Airspace System.

“We appreciate the FAA’s move to create a task force made up of diverse stakeholders to provide input on these important decisions,” said AOPA President Mark Baker. “The safety of our airspace and everyone who operates in it is paramount, but we also want to ensure that the UAS community can continue to grow and thrive. Although model aircraft have been operating for many years largely without incident, other applications for unmanned aircraft are relatively new and have enormous commercial and recreational potential. Right now, we have the opportunity to make sure that regulatory requirements are right-sized to provide real safety and accountability benefits without stifling innovation, unnecessarily burdening operators, or driving up costs.”

The planned task force of 25 to 35 members will include representatives from government as well as from both the manned and unmanned segments of the aviation community. The panel will have to move swiftly to develop recommendations in order to meet the Nov. 20 deadline set by the FAA.

To help the task force make meaningful recommendations, the FAA also has asked the public to provide comments answering specific questions about how to best identify individual UAS; whether registration should take place at the point of sale or prior to the operation of a new UAS; how registration data should be collected, stored, and used; and whether and how to collect a registration fee, among other issues.

In explaining its decision to develop a new registration system for UAS, the FAA noted that the number of pilot reports of potentially hazardous UAS operations has doubled in 2015 compared to the previous year, adding that pilots have spotted UAS at altitudes up to 10,000 feet and close to the approach ends of runways. The FAA also cited incidents that led to the grounding of firefighting aircraft earlier this year. The agency said it wants to create a culture of accountability and responsibility among UAS operators while creating “a space for the creativity, innovation, and exploration that will drive this industry forward.”

Part of the issue seems to be that, with the proliferation of highly capable UAS, many operators are unaware that they are operating within the National Airspace System and don’t understand the requirements for doing so safely. AOPA has been advocating for improved education to make recreational UAS owners aware of the regulatory and safety requirements affecting their operations. The association has contacted UAS operator groups and manufacturers, and has also formally weighed in on pending regulations governing small commercial UAS.

“Decades of experience with model aircraft have shown that most people want to operate responsibly,” said Melissa Rudinger, AOPA vice president of government affairs. “It’s up to us as a broader aviation community to identify the best ways to provide operators the tools and information they need to do that.”

While task force members have not yet been identified, AOPA has been actively engaged in UAS issues and has said it will participate if asked.

The Des Moines Modelaires - General Membership Meeting Minutes

October 6, 2015

The meeting was held at the club's West Field in Grimes Iowa. The meeting was called to order by club President, Alan Annear, at approximately 7:00pm. There were 22 members present.

The club Secretary, Keith Page, presented the minutes from the September general meeting. The minutes were approved and accepted with a minor correction.

The club Treasurer, Denis Roy, presented the Treasurers report. The Treasurers report was approved and accepted.

Old Business:

Alan reported that the Board had decided to do limited repair work on the runway at Westfield where soil movement due to the Spring and Summer floods caused a very large "bump" to be created and many of the petromat staples to lift up. He asked for volunteers to help with the repairs. The workgroup will meet on October 17th at 9:00am.

Alan stated he would write a letter to the EPJ field landowner to get a new lease signed.

New Business:

Alan reported that Ray Pick has sent out fliers regarding the October 24th auction. Ray then asked for volunteers to help. He needs people to man the registration, checkout, the auction floor, as well as the Friday Night setup. Please E-mail Ray if you can help. Ray also asked for some extension cords to be added to the club equipment boxes.

Alan reported that while the weather was not very good for flying there was a good turnout for the Rotary Club demo. He and Keith Page were both able to demonstrate some flying and the members of the Rotary Club showed quite of bit of interest in model aviation.

Alan then reminded everyone that October 10th was originally a "gasser" fun fly but it has expanded to an "anything" fly. It is also a scheduled Coffee Social, and the grill will be ready for cooking at noon. Bring your own meat, along with a side dish to share.

Matt Coleman announced he will organize another helicopter fun fly On Nov 7th.

Alan stated that Dion reported that the Jet Fly was not well attended and had only eight pilots flying likely due to poor weather.

Alan then asked Matt for a report on his work at possibly changing the voting methods for the club. Matt suggested post card voting, or having a secured box at each field so members not able to attend a meeting would be able to vote by dropping it in the box to be collected by a board member. Matt then discussed online voting and asked for guidance concerning the type of subjects that should be voted on as it would not likely be needed for everything. He was then advised that the board could vote on general items up to \$500.00 and that anything over that amount needed a membership vote. Another example would be changes to the club's by laws.

Alan then reminded members that nominations or volunteers for officer and board positions should be made at the November General meeting, which will be on November 10th, rather than the first Tuesday of the month due to Election Day.

Duane then reported on the Huckfest. The total income realized from that event will be approximately \$750.00. He had 41 paid pilots and numerous spectators. They had some publicity in the "Des Moines Juice" prior to the event. The raffle was also very successful. They had a vendor for the food service, and he suggested that if the club handled food service, that we could gain a nice income from it. He did caution that it would require more than just a grill, and would require a number of club volunteers.

Meeting adjourned at 8:30pm.

Submitted by Keith Page

2015 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 - Penguin Fly/Club Meeting (EPJ 9am)
 January 10 - Coffee Social (West Field 10am)
 January 31 - Indoor fly/Club Meeting (Catholic Church 9am)
 February 12 - Club Meeting (Catholic Church 7pm)
 February 14 - Coffee Social (West Field 10am)
 March 7 - Coffee Social (West Field 10am)
 March 14 - Indoor Fly/Club Meeting (Catholic Church 9am)
 April 7 - Club Meeting (West Field 7pm)
 April 11 - Coffee/Cub and High-wing Fly (West Field 10am)
 May 5 - Club Meeting (EPJ 7pm)
 May 9 - Coffee/Multi-wing Fun Fly (West Field 10am)
 June 1 - Training Program (EPJ 6pm)
 June 2 - Club Meeting (West Field 7pm)
 June 6 - EDF/Jets Fun Fly (EPJ 11am to 6pm)
 June 8 - Training Program (EPJ 6pm)
 June 13 - Coffee Social (West Field 10am)
 June 15 - Training Program (EPJ 6pm)
 June 22 - Training Program (EPJ 6pm)
 June 27 - City of Elkhart Demo (12-3pm)
 June 29 - Training Program (EPJ 6pm)
 July 6 - Training Program (EPJ 6pm)
 July 7 - Club Meeting (EPJ 7pm)
 July 11 - Warbird Fun Fly (EPJ 10am)
 July 13 - Training Program (EPJ 6pm)
 July 18 - Coffee/Workday (West Field 10am)
 July 20 - Training Program (EPJ 6pm)
 July 27 - Training Program (EPJ 6pm)
 August 3 - Training Program (EPJ 6pm)
 August 4 - Club Meeting (West Field 7pm)

August 8 - Coffee & Electrics Fun Fly (West Field 10am)
 August 10 - Training Program (EPJ 6pm)
 August 15 - National Model Aviation Day (West Field 9am)
 August 17 - Training Program (EPJ 6pm)
 August 24 - Training Program (EPJ 6pm)
 August 29 - Heli Fun Fly (EPJ 11:00am)
 August 31 - Training Program (EPJ 6pm)
 September 1 - Club Meeting (EPJ 7pm)
 September 5 - Sailplane Fun Fly (West Field 10am)
 September 12 - Coffee Social (West Field 10am)
 September 17-20 - 3D Harvest Huck (EPJ)
 September 26 - FLY LOW Jet Fly (EPJ)
 EDFs, ducted fans, and flat foam jets welcome
 Waiver required for turbines
 October 3 - Any Size Warbird Fun Fly (EPJ 8:30am)
 October 6 - Club Meeting (West Field 7pm)
 October 10 - Coffee/Pot Luck & Gasser Fun Fly (West Field 10am)
 October 24 - Fall Auction - Ray Pick (Catholic Church)
 November 10 - Club Meeting (EPJ 7pm)
 November 14 - Coffee Social (West Field 10am)
 December 1 - Club Meeting and Elections (Jim Porter's House 7pm)
 December 12 - Coffee Social (West Field 10am)
 January 1, 2016 - Penguin Fly/Club Meeting (West Field 9am)
 January 9, 2016 - Coffee Social (West Field 10am)
 February 13, 2016 - Indoor Flying (Catholic Church 9am)
 February 13, 2016 - Coffee Social (West Field 10am)

Fun Fly Information:

April 11 - Coffee/Cub and High-wing Fun Fly (West Field 10am to 2pm) - John Faust, \$10 Landing Fee (includes lunch)
 May 9 - Coffee/Multi-wing Fun Fly (West Field 10am to 2pm) - Alan Annear, \$10 Landing Fee (includes lunch)
 June 6 - EDF/Jets Fun Fly (EPJ 11am to 6pm) - Dion Kintz, \$5 Landing Fee (includes lunch)
 July 11 - Warbird Fun Fly (EPJ 10am to 2pm) - Ray Pick, \$5 Landing Fee
 August 8 - Electric Fun Fly (West Field 10am to 2pm) - John Faust
 August 29 - Heli Fun Fly (EPJ 11:00am to 4pm) - Matt Coleman, Lunch will be available for \$5
 September 5 - Sailplane Fun Fly (West Field 10am to 2pm) - Dave Beecher
 September 17-20 - 3D Harvest Huck (EPJ) - Duane Vierling
 September 26 - FLY LOW Jet Fly (EPJ 10am to 4pm) - Dion Kintz

This is an AMA sanctioned event - EDFs, ducted fans, flat foam jets welcome, waiver required for turbines

October 3 - Any Size Warbird Fun Fly (EPJ 8:30am to 3:00pm) - Ray Pick, \$10 Landing Fee (includes lunch)
 October 10 - Coffee Social / Pot Luck Lunch / Gasser Fun Fly (West Field 10am to 2pm) - Denis Roy / Alan Annear

2015 (Partial Year Dues)

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.

Partial Year Dues - After July 31st are: Adult (19 & over at any time during 2015) \$40.00, Youth (18 & under) \$5.00. Dues are in effect 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.

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	Alan Annear *	(515) 491-9039 raannear@gmail.com
Vice President	Bill Garrett *	(515) 473-1488 billg@sprayers.com
Secretary	Keith Page *	(515) 210-8953 pathfinder_page@msn.com
Treasurer	Denis Roy *	(515) 249-1617 DenisRoy81@gmail.com

Board Members	Darwin Chapman **	chapman@dps.state.ia.us
	Ben Erickson *	beelectric@ymail.com
	John Faust *	faustj@q.com
	Dave Heuton **	dcheuton@aol.com
	Tim Nissen **	nissentimothy@mchsi.com
	Karl Schultz *	iakarl@yahoo.com

* Term expires on December 31, 2015

** Term expires on December 31, 2016

Public Relations Officer

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

Safety Officers

EPJ – Dion Kintz

West Field – John Faust / Dave Beecher

Membership	Denis Roy 1872 NW 150 th Ct Clive, Iowa 50325 (515) 249-1617 DenisRoy81@gmail.com
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Newsletter	Denis Roy DenisRoy81@gmail.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	
Jim Lewis	289-1144	clone2tb@gmail.com	Airplane	
Darwin Chapman	964-8872	Chapman@DPS.state.ia.us	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	

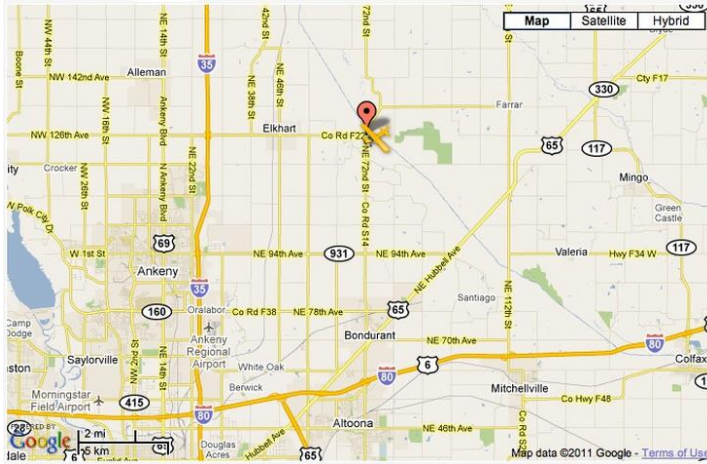
Our Field Locations

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**

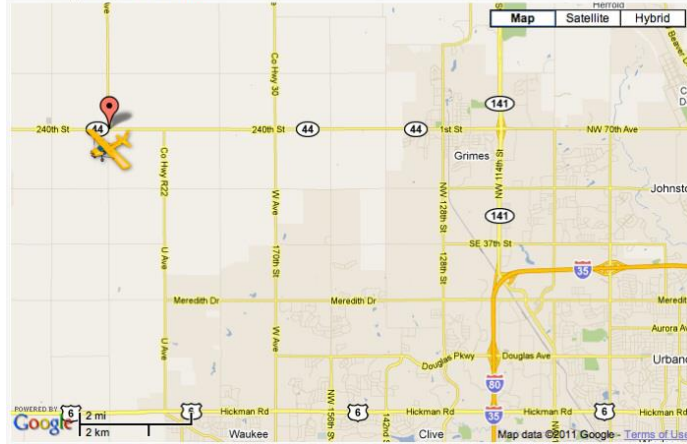


West Field

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

Latitude: **41 40 51 N**

Longitude: **93 54 45 W**





R/C AUCTION and SWAP MEET SATURDAY OCTOBER 24, 2015

Doors open 8A.M. Swap Meet 8:30A.M. – 10:00A.M.

Auction starts at 10:30AM

WWW.DESMOINESMODELAIRES.COM

AUCTION INFORMATION

- Buyer Nbr. - \$5 Registration Fee (No fee for Sellers)
- To pre-register items, send item descriptions, and minimum bid to address below. Pre-registration information may be picked up at the auction site.
- Items sold in order of registration
- \$5 minimum (group items accordingly)
- Items with no minimum bid sold to highest bidder
- 10% fee on all items sold (\$2 minimum)
- No "No Sale" fee
- Fast computerized check in and check out
- All items must be removed after the auction

SWAP MEET INFORMATION

- \$10/table
- Setup at 8am
- Non-sold items may be entered in auction
- Send pre-registration to Auction Contact

FOOD AVAILABLE ON SITE

**OUR LADY'S IMMACULATE HEART
510 E. 1ST ST, ANKENY, IA. 50021**



For pre-registration or questions contact:

Ray Pick
Modelaires Auction
2502 SW 38th St.
Ankeny, Ia. 50023-9697
(515) 964-1408
RPICK37681@AOL.COM

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



1479 NW 71ST PL
Ankeny, IA 50023