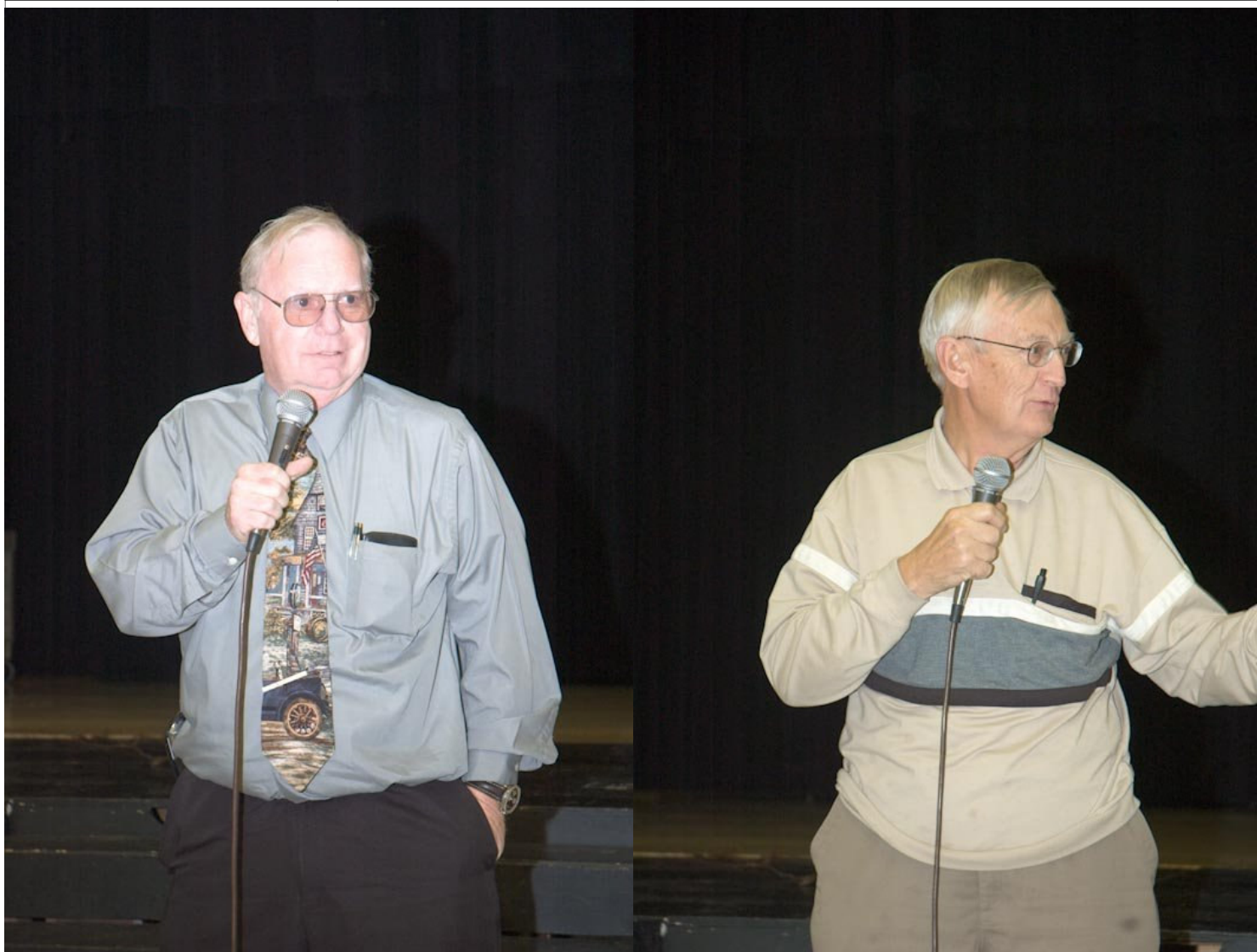




Academy of Model Aeronautics

Chartered Club #970
5 Year Gold Leader Club

Skypwriter



AMA President Dave Brown and District 7 Frequency Coordinator Pete Waters speaking at the October 26th meeting.



2005 Club Officers & Appointees...

President:	Joe Hass	1142 Brunswick Dr.	Rochester Hills 48309	248-321-7934
Vice Pres:	Paul Zabawa	PO Box 138	Metamora	48455 810-678-3332
Secretary:	Dave Wendt	4549 Sedona	Clarkston	48348 248-969-8738
Treasurer:	Joe Rubinstein	155 Cayuan	Lake Orion	48362 248-693-4265
Editor:	Pete Foss	562 Tanview Dr.	Oxford	48371 248-236-0676
C F I :	Ron Sokacz	40714 Matlock	Sterling Hts	48310 586-977-1404
State Park:	Bill Stark	1010 E. Clarkston	Lake Orion	48362 248-693-8639
Membership:	Gary Weeks	2512 Red Fox Trail	Troy	48098 248-540-8358

PRESIDENT'S MESSAGE...

BY: Joe Hass

I write this just before Thanksgiving. You will see it before Christmas. The snow is just beginning to fly and while I am happy that I am ahead of the curve for the company that is coming tomorrow I regret that I took those extra park flyer flights and didn't put up the Christmas decorations when it was 50 degrees.

I have much to be thankful for. I am surrounded by family, friends and club members who enjoy the same passion for aviation that I do. The club is filled with people who simply do what is necessary when it is needed. Many times I have to ask to find out who made the repairs, adjustments, plantings, etc. There is so much sweat equity it is immeasurable. No one makes a big deal about what they do. For example, when reviewing the budget for the year I found that no checks had been sent for the use of the school. Only after a lot of digging did I find out that one of our members quietly paid for the school rental for the last year out of his own pocket to help make sure the club was on good financial footing. He joins a long list of people who not only give of their time but reach very deep into their pockets and spend their hard earned dollars to make things happen for the membership. I relish those fleeting, reflective moments when I can thank the Almighty for being associated with such a fine group of people.

Take a moment during this hectic time to enjoy the most important things in life, your family and friends. Give yourself a pat on the back as well for your contributions. And sneak out on a good day and get a quick flight in. MERRY CHRISTMAS AND HAPPY NEW YEAR. Let's make it a good one.

Our last three speakers certainly complimented one another. It was great to see AMA President Dave Brown looking so well. The complexities of what he and the AMA are involved in are mind boggling. Former AMA VP and Hall of Fame member Pete Waters' comments on some of the new radios was most informative especially when taken in the context of the November 9 speaker. Pete Bergstrom of Horizon surprised even me when he brought the new spread spectrum transmitter and all those beautiful new engines. I know that I had a message to Santa before the evening was over. Let's hope the reindeer make it on time.

In a hotly contested race with a strong possibility of a recount, we have officers for 2006. Al McGee will join the officers as VP. Al has done a lot of work at the field and takes over for Paul Zabawa. Joe Rubinstein continues as treasurer. Dave Wendt will be the secretary. You still have me as president. *(Thanks for volunteering guys—Pete)*

Our January speakers are outstanding. Lt. Col. Alexander Jefferson, a member of the Tuskegee Airman will address us on January 11. I am personally bringing some of Chris' young friends to get this very important history lesson. Members of my full size club TOPS will be there too. **I BELIEVE THAT THIS IS A VERY IMPORTANT MEETING. I PERSONALLY ASK THAT EACH OF YOU BRING A YOUNG PERSON TO HEAR LT. COL. JEFFERSON. IN A FEW YEARS WE WILL NOT HAVE THE ABILITY TO GET A FIRST HAND HISTORY LESSON LIKE THIS!**

Andrew Jesky is scheduled for the second meeting in January. Andy will speak on his world class flying and how to trim your model. Remember that there will only be one meeting in February, the Swap Shop, and that it will be on a new date, Wednesday FEBRUARY 15, 2006.

See you at the Christmas Party, a meeting or the field.

Joe Hass 248-321-7934

Skymasters R/C Club 2006 Application For Membership



Information (print clearly)

New Member () Renewal ()

Last Name: _____

First Name: _____

AMA #: _____

Pilot: () Student: ()

Address: _____

Home Phone: _____

City: _____

Work Phone: _____

State: _____ ZIP: _____

Cell Phone: _____

E-mail: _____

Frequencies: _____

Birth Date: _____

Newsletter: Will be sent by email. If you need a paper copy,
please check here: Standard Mail ()

Significant Other: _____

Other Family Members Who Fly

Name: _____

AMA #: _____

Pilot () Student ()

Name: _____

AMA #: _____

Pilot () Student ()

Field Rules

- 1) Field hours are 10 AM - 8 PM (NO EXCEPTIONS)
- 2) Noise limit for 2006 is 94 dB at 10 feet.
- 3) All transmitters must be narrow band (Gold Sticker equivalent) excluding 53 mHz.
- 4) All receivers must be AMA approved narrow band (dual conversion or ABC&W) excluding 53 mHz.
- 5) Radio in impound when not in use - Membership card must be placed in slot on frequency board when pin is removed.
- 6) You must not fly behind the flight line.
- 7) AMA Safety Code must be followed.
- 8) All vehicles at field are required to have 2006 State Park Permit.

I have read the above rules and agree to abide by them and all other Skymasters and AMA rules and regulations.

Member's Signature: _____ **Date:** _____

Club Officer Use:

Date: _____ Dues Paid: CK () CA () AMA Verified _____ *Voted In _____

To renew by mail, send the following:

- 1) Check for \$70* (\$100 after February 28, 2006)
- 2) Photocopy of 2006 AMA Card
- 3) Self addressed stamped envelope
- 4) Completed & Signed Application
- 5) *New members \$70+\$30 Initiation Fee

Mail To: Gary Weaks
2512 Red Fox Trail
Troy, MI 48098

Make checks payable to Skymasters

We are asking ALL MEMBERS to fill out an application to help verify our records. Thank You.

Membership Renewals for 2006

All membership renewals and membership questions for 2006 should be addressed to:

GARY WEAKS
2512 Red Fox Trail
Troy, MI. 48098

You can phone Gary at:
248-540-8358

or email him at:

Gary.T.Weaks@USA.dupont.com

Remember, if you are renewing by mail you must include a photocopy of your 2006 AMA card & completed application.

New for 2006

Renew your membership online at
www.skymasters.org/members !!!

You must have a PAYPAL account to use this service. Contact Greg Cardillo if you have questions.
greg@skymasters.org

"RETIREEES & WANT-A-BEE'S BREAKFAST'S"

December 5 and 19, 2005

Breakfast starting at 9 AM at the "RAM'S HORN FAMILY RESTAURANT" located on the North East corner of Crooks Road and M-59 (2265 Crooks Road, Rochester Hills). Breakfast's will be the first and third Monday each month, all winter. Come enjoy breakfast and good conversation.

SKYMASTERS December 2005

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5 Retiree Breakfast	6	7	8	9	10
11	12	13	14 XMAS Party at Larson	15	16	17
18	19 Retiree Breakfast	20	21	22	23	24
25	26	27	28	29	30	31 Crazy Snow Fly

Meeting Minutes Wednesday October 26, 2005 Larson Middle School

President Joe Hass gives the greeting:

Attendance: 37 members were in attendance while 2 Guests were in attendance. Don Reinholm and Ross Jones from RJR tools

Guest Speaker: Dave Brown – AMA President

Dave thanked us for inviting him. Dave encouraged us to come see the museum in the AMA headquarters and also mentioned that the national championships are held at the AMA headquarters. The AMA flying site is really something to be enjoyed by all the AMA members. Dave mentioned that he was able to fly a 1970's era Barfly last weekend. He also mentioned the recent helicopter event with nearly 500 helicopter competitors.

Dave spoke about the new the JR spread spectrum radios. The advantage is that there is no need for frequency control. The spread spectrum runs in the 2.4 GHz range, which is much higher than our 72MHz range. Dave believed that this is important because it protects the club's flying sites from radio interference. Dave felt that there was not a large problem from the park fliers. Industry statistics show that the market is selling is 10 park fliers to every one regular RC plane. Dave sees the park flier as a large asset for the RC interest. Currently the FAA has large concerns with the rapidly expanding unmanned aircraft segment. The unmanned group UAV group consists of military and civilian aircraft. The FAA is worried that UAV aircraft are entering FAA airspace. Much of the worry centers around aircraft altitude. The AMA is interested in increasing our ceiling limit of 700 to 1000 ft. Many of the sailplane SIG's would like to see a 3000 ft limit. The FAA deck is 500 ft. Dave is currently tiring to work with the FAA to treat model aircraft as another piece of VFR traffic. Today VFR flight rules have right of way priorities. Dave is proposing that model aircraft would be at the lowest end of the VFR flight priority rules. However, that would give model aircraft the right to be in the airspace regardless of altitude. The AMA currently gets a "NOTEM" from the FAA during the nationals to give the airspace above the AMA property a higher ceiling. The AMA also has difficulties trying to figure out where the model airspace ends and UAV's begins. The bottom line is the FAA is currently determining what the rules are going to be for UAV's. Dave and the rest of the AMA are working to make sure the FAA does not create rules that have unintended consequences for the model aviation community. The current rules say we have a 400 ft ceiling but Dave estimates that 75% of the model flights exceed this limits. Dave stressed the importance not to fly our model aircraft near full sized aircraft. Dave is working with the FAA to get the AMA fields listed on the FAA maps.

The AMA deals with a lot of different issues. One of the AMA's role is to promote model aviation. The AMA also regulates the industry and even insure the industries existence.

Last week the AMA had another fatality. A young adult hit a club gate on a motorcycle. This unfortunate accident will likely affect the AMA from an insurance perspective. Dave said this is the third fatality involving personal motor vehicles on an AMA site., The first two incidents involved chains across roads or entrance points. Other significant injuries were from helicopters. The important information to remember is that safety is important not only when flying our aircraft but also the way we set up our fields.

Dave spoke of the importance of getting kids involved in aero modeling. The experience is good for kids because it's a fun learning experience and it's also good for the AMA. The child that once had a positive experience with model aviation not only helps grow the AMA numbers, there is also much less chance of that child growing into and adult who is a proponent of model aviation.

Dave also told his part in Maynard Hill's model trans Atlantic flight.

Dave spoke about the AMA's field assistance program. A program where clubs can apply for 10% of field improvement projects. 7 or 8 clubs received assistance this year. This year the AMA started a member to member assistance program for modelers who where affected by the hurricanes. This program was a great success. The AMA just instituted a program of disaster relief for clubs. The AMA has about 20k set aside and will solicit donations to help gain revenue.

Guest Speaker: Pete Waters - Frequency committee member:

Pete explained spread spectrum technology. Spread spectrum means that the radio and receiver utilize an entire range of frequencies. The transmitters and receivers have bidirectional communication to utilize the entire spectrum. Pete explained that spread spectrum virtually eliminates radio interference. However, there is a

(Continued on page 6)

down side. The down side is that spread spectrum is very directional and airplanes tend to flip around a lot. Spread spectrum controlled airplanes will most likely require multiple antennae BPL is also an issue to the frequency committee.

Show and Tell:

Greg Brausa – Funtana 90 YS 90 flying with 30% heli fuel, 16X4 APC prop with a Dave Brown spinner. The plane weighs about 8.5 lbs. Also a Midwest Aerostar 60 powered by an OS FP 60.

Dave Nellis – Cylinder from a Continental ground power unit head that he is planning on making a lamp from.

The 50/50 raffle was won by Joe Reubinstein.

Two Dave Brown spinners were won at the raffle drawing by Gene Thuringer and Al Nelson.

Meeting Minutes Wednesday November 9, 2005 Orion Township Hall

President Joe Hass gives the greeting: Joe displayed some newspaper clippings brought in by Jack Goodrich of the late Bob Irwin's sail boats. Joe introduced John Hoover from Rider's.

The nominations for 2006 Skymasters officers were presented. Nominations were approved and elected. Al McGee is replacing Paul Zabawa while the other officers remain the same.

Attendance: 37 members were in attendance and 4 Guests. Derrick and Dan Van Housen who purchased a Hobbico Superstar and are sharing the plane. Also Art (AMA Hall of Fame) and Arch Adamisin.

Guest Speaker: Pete Bergstrom from Horizon Hobbies.

Pete mentioned that Horizon is trying to grow the model airplane market not just Horizons market share. Pete showed us a new 2.4 GHz spread spectrum radio. This radio is intended to do away with frequency pins. The difficulty with this new technology is the antenna orientation. Horizon is working to overcome this challenge with two receivers and antenna. The transmitter and receiver are bound together and can use any number of different frequencies dynamically. The market for spread spectrum radios is currently being designed for small foam park fliers. In the next year or so Horizon will start marketing to the larger airplane market. Interference from the airplanes is virtually eliminated. The system only requires 3.4 volts in the transmitter but the system Horizon is marketing is set up for 9.6 with a voltage regulator. The reason Horizon is using the old battery size is for old charger compatibility. Pete encourages us to use the current spread spectrum radios for small park fliers until more testing is done with the larger more dangerous planes.

Pete brought along a new Saito 220. Pete said it runs great with a 19X8 prop. Pete brought a tried and true 120 and the new 125 replacement. The 125 was significantly smaller. The 125 was actually 10oz lighter.

Next Pete showed us the Evolution line of gas engines. The entire line can be purchased with electronic ignition. Evolution engines are either 2 stroke conversions or purpose built gas engines. These engines are significantly lighter than Zenoah. Canister mufflers can be purchased. Pete showed us a 26, 58 and a twin 116.

Show and Tell:

Dave Shea – Widgeon 5.5 oz. Dave is enjoying spending large amounts of money to make this small plane lighter.

Paul Borrer – SR Eindecker E1 powered by a G26 with the CH ignition. Paul really likes the engineering of the kit.

Chris Hass – Great Planes Viper 500. Hitec 425 servos and a Thunder Tiger 46. The graphic were done by Dennis Waske from Waske signs.



AREA EVENTS...

AMRCC CONTEST SCHEDULE

RCCD Swap Shop

January 22, 2006
Lakeshore Knights of Columbus
25003 Little Mack Ave.
St. Clair Shores, MI .

Contact:
Keith Jones
586-786-1474
kaydeejay9@yahoo.com

Detroit Aero Modelers Swap Meet

January 8, 2006
9:00 am—3:00 pm
Monaghan K of C Hall
19801 Farmington Rd.
Livonia, MI

Contact:
Charlie Thomas
313 565-2973
DAMswap@comcast.net

Propbusters Swap Meet (and Pancake Breakfast)

January 29, 2006
8:00 am—1:00 pm
Community Center Building
Goodells County Park

Contact:
Sheila O.
810 367-6367
www.propbusters.com

Flint's R/C Swap Meet

February 19, 2006
9:00 am—1:00 pm
NEW LOCATION
Lake Fenton High School
4070 Lahring Rd.
Linden, MI 48451

Contact:
Bill Gerald
810 845-3007
www.rcflyingaces.com

SPECIAL SALE

A member is reducing his inventory of kits, ARFs, completed aircraft, projects and supplies. All items are high quality and well maintained. Many are new in box. The list is being compiled as the newsletter is going to press. Skymasters members will have the first opportunity to enjoy the selection and savings. Contact Joe Hass at 248-321-7934 for more details.



Orion Township Supervisor Thanks Skymasters

Gerald Dywasuk spoke briefly at the November 9th club meeting that was held at the Orion Township hall. Gerry, the township supervisor, thanked the club for our help in the unsuccessful fight against the DNR land swap.

Future Club Meeting Schedule

Date	Location	Subject
December 14	Larson	Christmas Party
January 11	Larson	Lt. Col. Alexander Jefferson Retired Tuskegee Airman
January 25	Larson (Media Ctr)	Andrew Jesky ETOC Winner
February 15	Larson	SWAP SHOP (Note Date Change) <i>We will have only one meeting in February, the Swap Shop, But the school is not available on the usual date we are moving it to the 15th. Make a note and pass it on.</i>

SKYMASTERS FAMILY CHRISTMAS PARTY

WEDNESDAY, DECEMBER 14 , 2005

SOCIAL TIME WITH APPETIZERS STARTS AT 6:30

POT LUCK DINNER STARTS AT 7:30

It is time for your annual Christmas pot luck party. This is a party for all ages, a party for you and your family. There are good friends, good food and Santa Claus coming for a visit with the children.

This is a pot luck so bring a dish to pass for that is what a pot luck is all about. We will supply the plates, silverware, sliced ham, chicken tenderloins, bread, coffee and pop. Now we know sometimes it is not convenient for you to bring a dish to pass, please come anyway. A party without you, is not a party! The most important thing is for you to be there.

Santa has gifts for the children, there are gifts for the ladies and pilots bring a plane to display and you can enter into the pilot's drawing.

If you have missed this party the previous years please do not miss this one, the food is good the fellowship is great. It's Christmas, a time to celebrate together. Come bring your family and join in the fun.

If you have any questions you can reach Bob or Donna Burns at 248-628-4666.



SKYMASTERS RADIO CONTROL CLUB OF MICHIGAN

Pete Foss
562 Tanview Dr.
Oxford, MI. 48371

Web site: www.skymasters.org
 Email: newsletter@skymasters.org



PHOTOGRAPHY by
 Greg Cardillo

HOME OF THE

 "MIDWEST REGIONAL FLOAT FLY"

Skymasters Information.....

Skymasters field is located within the Bald Mountain State Park on Scripps Road (see map). State Park Permits are required and can be obtained from the Park Headquarters located on Green-shield Road or at club events. Flying is permitted from 10 AM to 8 PM. The noise limit for 2005 is 94 dBA at 10 feet—this noise rule is strictly enforced.

In the summer, Wednesday evenings are Student Nights and there are usually instruc-

tors around all night is also a

SCRIPPS ROAD FIELD



WINTER MEETINGS



Student pot luck buffet, bring something for the grill & a dish to pass. Meet the Instructors and arrange for more instruction time together on other days. Our Chief Flight Instructor is Ron Sokacz (586) 977-1404.

From June to August, Club meetings are held at the field, on the second Wednesday of

the month at 8 PM. A great chance to fly and socialize. Winter meetings—September to May—are held at Larson Middle School (on Long Lake just east of John R—see map) on the second and fourth Wednesday of the month at 7:30 PM. Bring a model for Show and Tell, enjoy coffee with donuts and listen to the speaker of the evening.

The Skywriter newsletter is sent to members, local hobby shops, and other R/C clubs in the area and around the country. All contributions are welcome. Please send articles to the Editor. If you know of anyone who may be interested in R/C Aviation, please give them a copy of this newsletter or a copy of an AMA magazine. It may spark their interest!