



Academy of Model Aeronautics

Chartered Club #970
5 Year Gold Leader Club

Skywriter

Jason Cole From Hobby Lobby



Jason Cole from Hobby Lobby demonstrates the Co-Co Lama Coaxial Contra Rotator Electric RC Helicopter.



2006 Club Officers & Appointees...

President:	Joe Hass	1142 Brunswick Dr.	Rochester Hills	48309	248-321-7934
Vice Pres:	Al McGee	1502 W 13 Mile	Madison Hgts	48071	248-589-0283
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
CFI :	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 Weaks	2512 Red Fox Trail	Troy	48098	248-540-8358

PRESIDENT'S MESSAGE...

BY: Joe Hass

What a great month!

The President's Choice was a lot of fun with a lot of innovation for Delta Darts. Look for more details elsewhere. The visit by Hobby Lobby was absolutely awesome. Over 95 modelers from 6 local clubs were treated to a presentation by Jason Cole, Public Relations Director, that included the latest in speed controls and programming technology, helicopters and 4-D prop reversing aircraft. Jason introduced the new SPIN speed controls and programmers. They are a premium speed control that allow you to reverse rotation, set head speed for helicopter use, change motor timing and record performance data.

Jason was bombarded with questions during the break. After show and tell, son Chris brought out his Hobby Lobby Animal foamie for a demo flight as Jason prepared the rest of his machines. Chris tried something new in that he hovered the Animal up between the rafters in the ceiling.

Jason then moved to the counter rotating LAMA heli followed by the Falcon 3D. The LAMA is an entry level machine. The Falcon is a fully functional collective pitch machine that is capable of inverted flight. The beauty is that the Falcon is \$300.00 ready to fly, with transmitter, gyro and batteries.

Jason first flew the LAMA to show its stability. He then put the Falcon through its paces, stopping short of inverted flight because of the small size of the gym. Chris again took the sticks for his first flight on a collective heli machine flying the Falcon. I had to give it a try as well and did a little circling tail in hover. The Falcon is a great machine!

We were all looking forward to the 4-D flight with the prop reversing Edge foamie. Jason gave us one example of the wild maneuvers that are possible when his propeller pitch servo mount broke loose. Without foam safe CA or epoxy we were done flying the Edge for the evening. Too bad, as you simply can't believe what the prop reversing can do.

Jason asked that everyone be given a raffle ticket. He then gave away over \$1,000.00 worth of speed controls, programmers, and motors with variable pitch props. After the last item was given away, Jason was again bombarded with questions, this time with people looking for info on the helicopters. Members and guests flew the LAMA as Jason explained the details of the Falcon. He then told the crowd that the Falcon was available for purchase for \$200.00 since it was used (*LESS THAN ONE FULL BATTERY PACK!*) If you were more than 5 feet away you didn't even have a chance to raise your hand. It was sold on the spot.

It was another informative and entertaining Skymasters evening. The folks from Hobby Lobby have now been with us twice in 10 months. Make sure you get their catalog or visit their web site at www.hobby-lobby.com. You can also get Hobby Lobby products through local retailers. Hobby Lobby has Wednesday morning sales each week and a giant sale the day after Thanksgiving. Thanks Jason!

Dave Lange hosted the "Field Closing Party". Note that the field doesn't actually close. It is just our way to celebrate the end of the warm weather flying and an excuse to get together one more time.

I couldn't attend the party as we were down in Muncie for the Scalemasters. Talk about spectacular models WOW! I flew the 182 down on Saturday with noted scale modeler Skip Mast. Saturday was the "good day" of the 4 day event. While it was sunny it was very windy and cold. The ground was saturated from the constant rain the previous days. The weather was so bad that the scheduled Sunday flying was cancelled. Chris took 7th place in the Open category. I flew back to Troy in solid IFR from take off to landing.

Our next meeting will be Wednesday, November 8 and will feature Jack lafrate and his high perform-

(Continued on page 3)

(Continued from page 2)

ance motor gliders. How high is the performance? 1000 feet in 10 seconds (6000 feet per minute). We will also hold our annual elections. Please let a board member know if you would like to run for an office. Remember that there is only one meeting in November.

RCCD field update: I was able to attend the presentation on the utilization of Wetzel State Park. Suffice to say that the DNR and the consultant involved left with a much better understanding of how much modelers mean to the park, contribute to the community and contribute to the economy. While it isn't finished until the gravitationally enhanced non male performs (it ain't over until the fat lady sings), I think a lot of progress was made.

All 24 of the first SIG Somethin' Extra kits went quickly. Six more have arrived. We should have a spectacular Corn Roast in 2007 with a lot of "Cartoon Scale" aircraft. Contact me if you still want to get in on a great deal in a great kit.

Just in case you thought I was busy... I was elected president of the Troy Oakland Pilots (TOPS) the full size flying club that I have been associated with for some time.

Two club members have recently put airplanes on display for the public. Gary Weaks donated his 1/3 scale Fleet Bipe to the Detroit Science Center for their "The Power of Air" display and Harold Reuter has a very large Wright Flyer currently on display at the Orion Township Library. Be sure to check them out!

Joe

For Sale

B-17 Royal kit.
has 4 OS .25 never run. tanks are installed.
all lined. has push rods and some servos
fabric covered. flat olive drab paint.
Has original instruction manual.



Best price over \$1100.00
contact: Larry Boulet
labco@wideopenwest.com

For Sale

Graupner Loop
31.75" span, 32" length
Conventional Landing Gear
Speed 400 Geared with (9" X 5") Prop and spinner
4 HS-50 Servos, Pixie 20 ESCI and Battery
Add receiver and fly.
\$175.00 or best offer.
Contact Joe Hass
248-321-7934

FOR Sale

NIB Pitts Special ARF
68" wingspan
25 to 40 Gas
120 to 220 4 stroke
Beautiful construction
\$275.00 or best

Skymasters at NEAT 2006

What can be better than spending four days of flying at a campground in the Catskills dedicated to RC? This year five Skymasters were present at the 2006 NEAT Fair held at the Peaceful Valley Campground in New York. Joe Rubinstein and myself arrived Wednesday at dusk with the camper and flight line canopies. After staking out the Skymasters flight line spot, Joe and I set up two tents and a large Skymasters banner covering 30 feet of prime flight line Real Estate.

Thursday morning Greg Cardillo and Pete Foss arrived and we all meet up with Al Mrock in the vendor area where Al had set up his Classic Aero booth. We were all wondering if the weather was going to cooperate with us because it rained on Wednesday, and Thursday wasn't looking too good either. We were able to get a few flights in prior to the event starting on Friday but the rain was off and on through Friday. On Saturday, the weather started to clear and Sunday was one of the best flying day's I experienced all year.

Some of you may not be familiar with NEAT so I will start with the basics. NEAT stands for the Northeast Electric Aircraft Technology fair. NEAT, one of the largest gatherings of electric model aircraft in the US, is held in the Catskill mountains in lower New York state. This year there were 300 registered pilots! The flying site is about 1000 feet of flat grass runway found at the Peaceful Valley campground. There are mountains running parallel to the runway. The site is simply beautiful!.

We were able to see some truly fantastic aircraft from all around the country. Each day around noon there are flight demos including some of the top RC pilots and planes. Our own Greg Cardillo flew Joe Rubinstein's Bloch 210 in the demos. Keith Shaw flew his Czechmate which was clocked at 160+ miles per hour. There was also a note worthy demo done with a 1/4 scale Piper Cub replicating the "crazy farmer" flights seen at Rhinebeck (*Incredible one wheel touch and goes - Pete*).

After dark people would fly airplanes lit up with colored LED lights. On Saturday evening, a night time fun fly contest was held. Pilots had to fly a figure eight type pattern around large spot lights trying to pop helium balloons with glow sticks attached. It was definitely strange to see glow sticks at different levels and not be able to see the ground.

During the day, a Cox micro warbird races were held using airplanes supplied by Cox.. The warbird races were more for fun than a cut throat serious event, and most people got a big kick out of watching the tiny electric planes zipping around in circles. Each morning we would wake up to a couple of hopped up Zagis clearly hitting 105 db. The Zagis were so fast they would traverse the 1000 foot runway in about 3 or 4 seconds. Most pilots got a little tired of the high pitched whine each morning. I heard more than one person say they wished they had a shotgun on hand to take care of the screaming Zagi's. Aside from the morning Zagi alarm clock, we all had a great time at the event and I would recommend making the journey in 2007.

David Wendt



Field Closing Party and Bonfire

About a dozen brave souls braved the chill October weather and had a great time at the annual field closing party and bonfire. Actually, the weather was quite nice, much better than had been predicted. We all got in quite a few flights before sunset and dinner. Thanks to Dave Lange for putting the event together and providing the firewood.



Barn Daze

The cold winds of October showed up again, three years running now, for this annual event held at Friendship Park in Orion Township. That didn't stop the Barn Daze fall festival from taking place as scheduled. This event gives us a chance to share our hobby with the public who might not have visited us at our more secluded Scripps Road site to see and try R/C flying. We were prepared to fly visitors with trainers and buddy boxes. However, the high winds limited us to just do some demonstration flying in addition to our static displays. New this year was a simulator set up by Wade Wiley. He brought out an enormous flat screen monitor and his own power unit to keep the flying going in the virtual world. This event always gets a lot of attention and some visitors even remembered the buddy box flying from last year and were hoping to try it again. All of those who visited us received an information sheet on the club and warm invitation to visit us again at a Larson meeting or at the field. A big thanks to those who helped this year: Greg Cardillo, Roger Schmelling, Bill Stark, Wade Wiley, Ron Sokacz, Chuck Slattery, David Turner, Dan Berry and Bruce Thoms. - Gary Weaks



President's Choice 2006

Over 30 Skymasters and friends participated in this year's event building and fly Delta Darts (AMA Cubs). It was most interesting to see untested and untrimmed machines morph into winning competitors as the participants tuned their aircraft. There were a number of unusual assembly techniques. There was a "low wing" version. John Collins had balsa landing gear on his. But clearly the most unusual were produced by Joe Rubinstein. Joe created a large wing version complete with carbon fiber reinforcement. But he topped the evening with his R/C Delta Dart Bipe! That's right a Delta Dart with 2 wings and control of rudder, elevator and throttle. He flew it very fast in a figure eight pattern. You had to see it to believe it!

All participants received a goodie bag with a bottle of CA and 2 packages of miscellaneous hardware. Not bad for showing up and having fun! John Hoover at Rider's in Madison Heights gave great pricing on the prizes for first, second and third place. And the winners are:

First Place	Ron Sokacz	Futaba 6 Channel Radio System
Second Place	Chris Hass	Cox Thunderbolt
Third Place	Greg Cardillo	GWS Ducted Fan Flying Wing

Of special note, Greg Cardillo built his winning Delta Dart in the gym the evening of the event.

What shall we do for next year? I found some plans for a Canard Dart. Are we ready to progress to an indoor RC event? Let me know. We have a year to plan.

Wade Wiley won the Show and Tell with the Flying Hydro that he won at the MWRFF. Greg Brausa brought in a beautiful Dave Patrick Cub. Harold Dory brought in a Ducted Fan NorthStar in the bones. That should be very interesting on the water and in the air. Chris Hass brought in and flew his Hobby Lobby Animal 3-D foamie.

Joe Hass



Meeting Minutes September 27, 2006
Larson Middle School

Attendance: 41 people were in attendance.

Financial Report: Joe Haas went through the income statement and balance sheet for the club.

John Collins will join the Skymasters Board of Directors as the Media Director. John's first assignment will be to get the word out to other clubs about the Skymasters symposiums. .

MWRFF report – Greg reported the kitchen made \$594.00 in profit while the raffle netted \$2585. Total profit to the club for the event should be about \$2,000.00. 81 pilots this year. Greg received some prizes from vendors after the float fly. Greg wanted to make sure all of the prizes donated by the vendors were given to registered pilots of the MWRFF, so he held a raffle at the meeting event for all registered pilots of the MWRFF. The winning pilots were as follows. Bob Burns - \$25.00 SIG gift certificate. Pete Foss - 2100 NiMH receiver battery by Radical RC. Bill Stark - \$25.00 gift certificate on any SIG airplane purchased from a local Hobby Shop. Chris Hass - \$25.00 gift certificate on the purchase of 100.00 or more from SIG.

Joe spoke of a revised version of the cartoon scale Slow Poke from a few years ago. The only difference the year will be this time we are going to do it with the SIG Somethin Extra. SIG will sell Skymasters the kit for a very good price. Joe will be scheduling the cartoon scale event at the 2007 Corn Roast. Contact Joe Hass to purchase your kit. 18 people were interested at the club meeting.

Greg Cardillo on the new FMA Cell Pro 4s: The problem we have today with most Lithium chargers is that they charge a multi cell pack as though it is a single cell. If one of the cells gets over charged as a result of unbalanced cells a serious fire will most likely occur. The new FMA Cell Pro charges and balances each cell individually. The result is a safer charging system. Greg demonstrated the different charge connectors to fit the different battery manufacturers connectors.

The field closing party will be held October 21st.

Show and Tell:

Greg Cardillo – E-Flite Cub from Horizon Hobbies. Greg commented on how well the plane flies on wheels or floats. The plane sports the E-Flite Power 25 Brushless outrunner motor, E-Flite 40 Amp ESC, and a Thunder Power 4200 mah 3s2p Lipo. Greg said the floats are a bit heavy at 9 oz each. That's 18 extra oz on a plane that flies best at 4lbs. Greg thinks he could find lighter floats..

Joe Rubinstein – Great Planes YAK 54 with a EVO 45 gas engine. Greg said the biggest challenge was setting up his first gasoline engine.

Jim Held – H1 racer designed by Jim Young. Jim Young sells the short kit for \$40.00. Jim's humorous technical review was stated as "It has a motor and it's in the front"

Chris Hass - Nakita's Animal with an AXI 2808/24 and a 2100 thunder power pack and 3 HS55's. Chris says the plane flies great.

Pete Foss – Aero Ace Jet from Air Hog. Weighs about ¾ oz. Pete was flying it in the meeting. Pete purchased the plane for \$40.00 RTF. Terry Nitsch MIG 29. Pete commented that it's the best flying ducted fan foamy made. (*Watch FlyRC for an upcoming review by your editor*).

Fred McConkie – Hanger 9 60 sized P51 Mustang. OS 91 four stroke.

Special thanks go to Marv Middleton, Bill Stark, and Steve Fredericks for storing the trailers and tractor.

Next meeting is Presidents Choice. This year the airplane of choice is the Delta Dart. 50/50 was won by Dan Berry \$31.00

David Wendt



Meeting Minutes October 25, 2006
Larson Middle School Gym

Attendance: 98 people were in attendance.

Club President Joe Hass opened the meeting.

Guest Speaker: Jason Cole of Hobby Lobby

Jason showed us the new Jeti SPIN Box and ESC Spin Controller. Jason went through each of the functions including temperature control for the ESC, braking, graduated braking for gear boxes, motor timing (adjustable in 1 degree segments), acceleration control, and many others. The SPIN Box ESC controller was hand held and loaded with functions including receiver and servo testing options. The Spin Box retails for \$48.20.

Jason moved on to show us the Co-Co Lama counter rotating helicopter. The stability on these are supposed to be amazing. The Co-Co Lama costs 179.00 Jason also showed us an entry or intermediate micro helicopter called the Falcon 3D. The Falcon 3D is capable of most aerobatic and some 3d maneuvers. The falcon comes complete with the radio and training gear. The Falcon is on sale at hobby Lobby for \$279.99.

Jason also brought a variable pitch AXI 2208 in a foamy. The gym is fairly small so flying it was challenging.

Joe Hass - General Announcements.

October 28th is the last week for the Seven Lakes float fly

November 5th is the Midwest Swap Shop

November 4th - 5th is the JR indoor Fly in

www.hobby-lobby.com usually has a sale on Thanksgiving weekend.

Chris Hass took 7th at the US Scale Masters

Flight Demo's: Chris Hass flew his Hobby Lobby Animal in the gym. Nice Job!
Jason Cole demonstrated the Co-Co Lama. He tried to crash this heli. No damage done!
Jason also flew the New Falcon 3 Next Jason demonstrated the reverse prop plane but had some mechanical problems.

Show and Tell:

Don Wert – Cessna Skylane Great Planes ARF with an OS 4stroke 48.

Teo Terry – World Model Groovy 50. With and AXI 4120/18 with a 5 cell Lipo weighs 6 Lbs and generates 700 watts. The ARF was about \$150.00.

Jerry Gaulin – SIG Kadet Senior with an AXI 4120/18 on a 6 cell lithium.

Bob Johnson – With an E-Flite Cessna 182.

Joe Rubinstein – GWS A10 glassed with polyurethane weighing 26 oz. The A10 was powered by Alpha fans with 1 oz razor motors.

Chet Sherman with a \$29.00 Pico 2 micro Helicopter.

Hobby Lobby meeting prizes:

2 complete Axi motors with variable pitch props (Bob Burns, and Steve Smith from Lake Orion).

Jeti Spin 11ESC - Joe Hass - Skymasters

Jeti Spin 22 ESC - John Ferguson - Skymasters

Jeti Spin 33 ESC - Susan Fontana - New Horizons International Flying

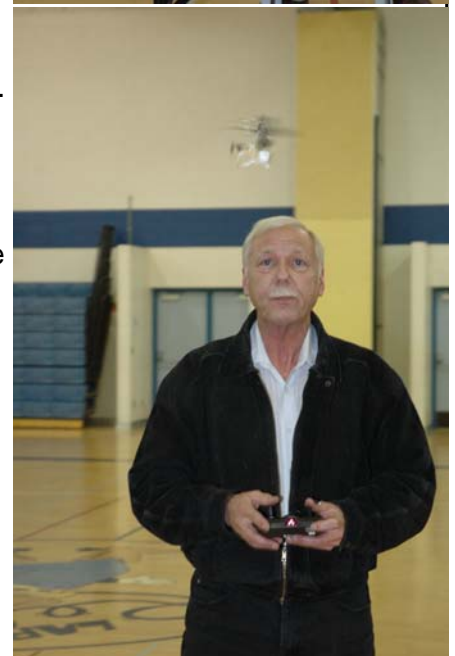
Jeti Spin 44 ESC - Wolfgang Ludwig - Greater Detroit Soaring

Jeti Spin 55 ESC and a Spin Box - Bob Harris - Skymasters

Jeti Spin 66 ESC and Spin Box - Herm Greif - Skymasters

50/50 was won by Douglas Norris from RCCD \$78.00

David Wendt



UPCOMING SKYMASTERS EVENTS

Retiree and Want'A Be's Breakfast - Monday, November 6, 2006

Rams Horn Restaurant - 2265 Crooks Road, Rochester Hills - 9:00 AM

First and third Monday of each month throughout the winter - Join us for breakfast and R/C talk. (SE corner of Crooks Rd and M-59)

Skymasters Meeting - Wednesday, November 8, 2006

Larson Middle School. 2222 E. Long Lake Road, Troy - 7:00 PM

Jack lafrate joins us with his Extremely High Performance motor gliders. Up to 4 HP electric motors capable of reaching 1000 ft in 10 seconds!! Annual Elections!

Note 7pm start time for all future Larson meetings!!

Retiree and Want'A Be's Breakfast - Monday, November 20, 2006

Rams Horn Restaurant - 2265 Crooks Road, Rochester Hills - 9:00 AM

First and third Monday of each month throughout the winter - Join us for breakfast and R/C talk. (SE corner of Crooks Rd and M-59)

***NO Meeting* - Wednesday, November 22, 2006 - School Closed for Thanksgiving.**

Retiree and Want'A Be's Breakfast - Monday, December 4, 2006

Rams Horn Restaurant - 2265 Crooks Road, Rochester Hills - 9:00 AM

First and third Monday of each month throughout the winter - Join us for breakfast and R/C talk. (SE corner of Crooks Rd and M-59)

Skymasters Christmas Party - Wednesday, December 13, 2006 - Larson Middle School. 2222 E. Long Lake Road, Troy - 6:30 PM

Our annual Christmas Party. Bring the family for food, fun, and a visit from Santa with gifts for the kids! Social time with Appetizers starts at 6:30. Pot Luck Dinner at 7:00.. Santa visits after dinner!!

Status: Note earlier dinner time of 7pm this year!

Retiree and Want'A Be's Breakfast - Monday, December 18, 2006

Rams Horn Restaurant - 2265 Crooks Road, Rochester Hills - 9:00 AM

First and third Monday of each month throughout the winter - Join us for breakfast and R/C talk. (SE corner of Crooks Rd and M-59)

***NO Meeting* - Wednesday, December 27, 2006 - School Closed - Christmas Break**

Krazy Snow Fly - Sunday, December 31, 2006

Scripps Road Field, Lake Orion - 10:00 AM

Our last event of the year! Whether snow and ice; or maybe a sunny day - one of our most popular events. Come join us for some hot chili and weather permitting - flying to end the year.

ESTATE SALE

Several airplanes and helicopters, engines, radios, field equipment. Most new in box.
Contact Dave at 248 969-8899 for more details.



SKYMASTERS RADIO CONTROL CLUB OF MICHIGAN

Pete Foss
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Oxford, MI. 48371

Web site: www.skymasters.org
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PHOTOTOGRAPHY by
Greg Cardillo and Sam Foss



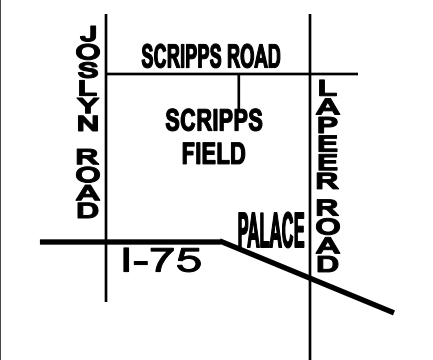
Skymasters Information.....

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 Greenshield 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.

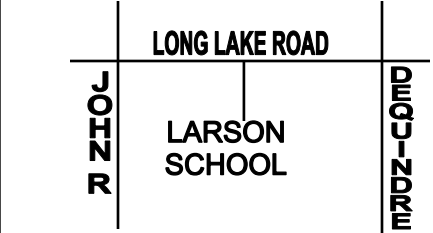
In the summer, Wednesday evenings are Student Nights and there are usually instruc-

tors around all day. Student night is also a 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.

SCRIPPS ROAD FIELD



WINTER MEETINGS



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!