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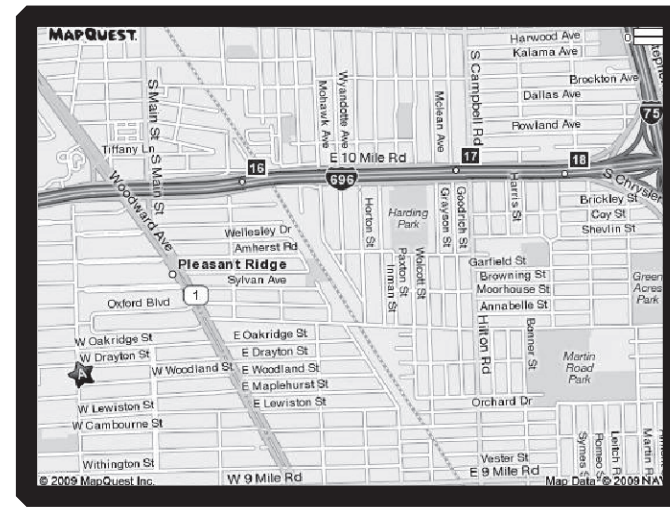
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Cloudbusters Model Airplane Club  
25436 Wareham Drive  
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The Cloudbusters meet at 8pm. on the third Tuesday of the month at  
**Drayton Ave. Presbyterian Church**  
2441 Pinecrest Avenue  
Ferndale, MI 48220 The meeting room is #309  
No meetings in June, July, or August.

Be sure to visit our web page to get the summer 2013 handout. If you do not have access to the web or a printer, contact a member who does and get your copies for handout today.

# Cloudbusters NEWSLETTER

Cloudbusters Model Airplane Club of Michigan, Inc.

Our 74th Year

Sept/Oct 2013

## The 2013 Flying Aces Outdoor Championships

The two-day running of the Flying Aces outdoor Championships fielded by the Cloudbusters this September 5 and 6 was favored this year by good weather. Forty eight (48) Contestants flew in twenty one (21) events and enjoyed the vast area of the A.M.A. Headquarters Field #4 to ply and fly their hobby to the fullest. About half that many volunteers and officials enabled the meet to happen in proper order. Registration, judging, Timing, Mass Launch Event Directors, and our ever present and essential Stew Meyers, the "Computer Speak" person who does a great service tabulating the meet results.

Our Grand Champ this year was a young fellow by the name of Wally Farrell who showed the rest of the flyers how things are properly done.

The Flying Aces Outdoor Champs are held on what I consider the best flying site west of the Mississippi. To add to this, Because of the fine financial tuning of the Cloudbuster Treasurer, Dan Olah, who doubles as the Co-CD for the meet, every Contestant received a free "T" shirt. (The early entries even have their size reserved). Plans of the Theme model were also made and given free to the contestants. This plan will build the One-Design model for 2014. The raffle held 151 items, mostly kits worth \$25 or more, a Real treasure of "Stuff" to keep the building hands busy this winter. The wife of Fred Wunsche, Doris, brought Fred's collection of kits to the Cloudbusters, which added considerably to the raffle items.

The Cloudbusters wish to thank all who came and flew at Muncie to fly, and the generous event sponsors, who help dispel the anxiety of the up-front monetary commitment of the meet. These good folks were given special identifying "T" shirts. The Outdoor Champs will be held next year on September 4 and 5. We'll see you there, a winning model in your hand and a big grin on your face.

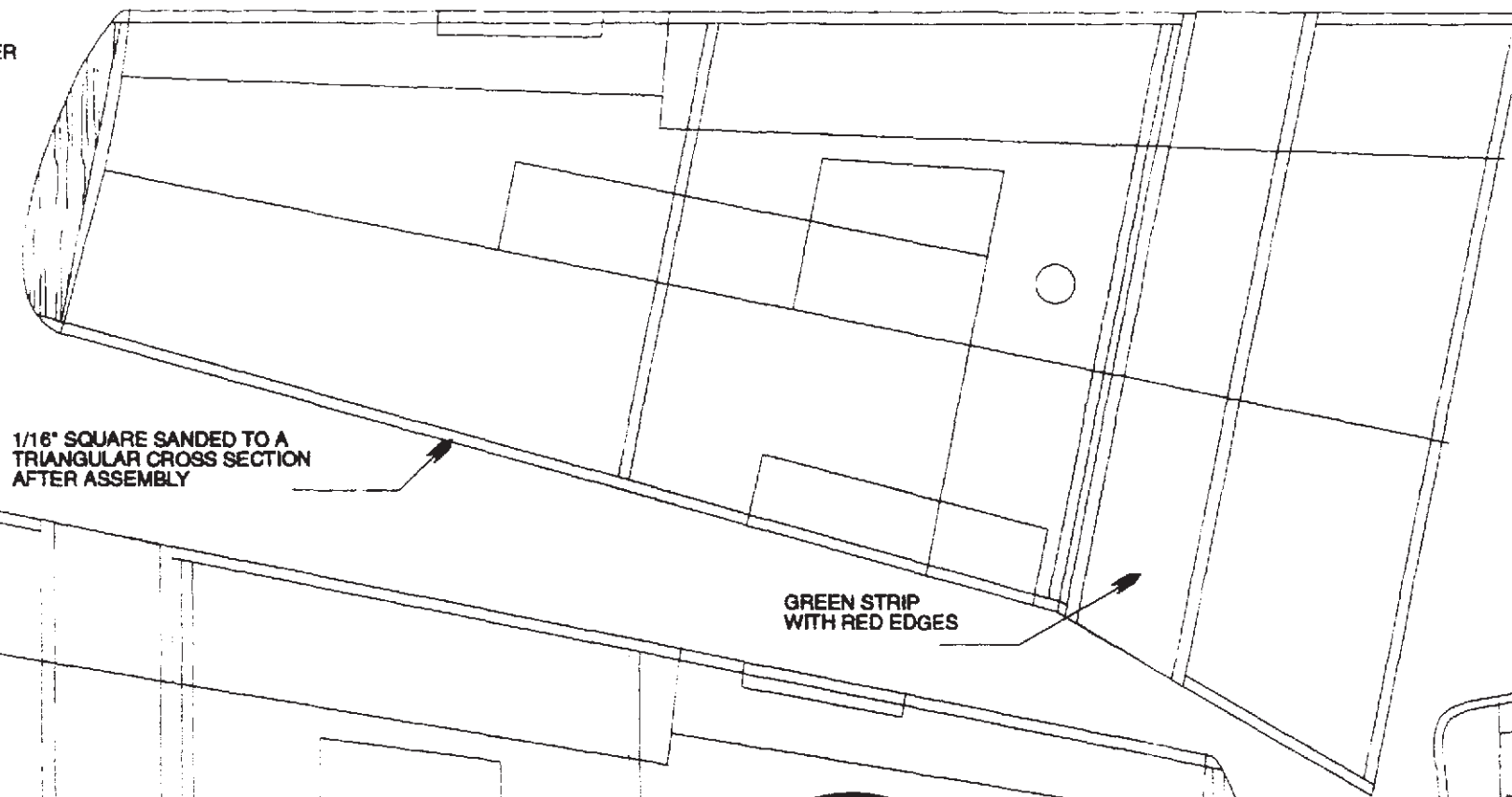
My best to you all, F-A-C Forever!  
Ralph Kuenz,  
Contest Director,  
Flying Aces Outdoor Championships





1" DIHEDRAL UNDER EACH WING TIP

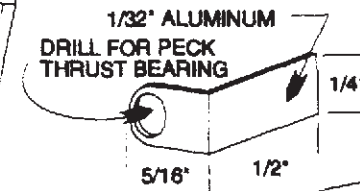
WING TIPS ARE CUT FROM 1/20" SHEET



1/16" SQUARE SANDED TO A TRIANGULAR CROSS SECTION AFTER ASSEMBLY

GREEN STRIP WITH RED EDGES

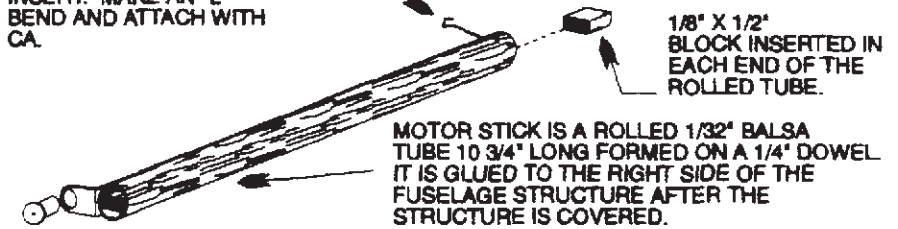
### PROP HANGER DETAIL



LE.  
PROP BLADES ARE 1/32" SHEET FORMED ON A 3" CYLINDER. SET EACH BLADE AT 15° LEFT FROM VERTICAL ON THE CYLINDER. MAKE 2 IDENTICAL BLADES.

REAR HOOK IS .020 WIRE INSERTED THROUGH THE Balsa TUBE AND BLOCK INSERT. MAKE AN "L" BEND AND ATTACH WITH CA.

WING RIBS ARE CUT FROM 1/20" SHEET. TRIM TO LENGTH FROM TRAILING EDGE.

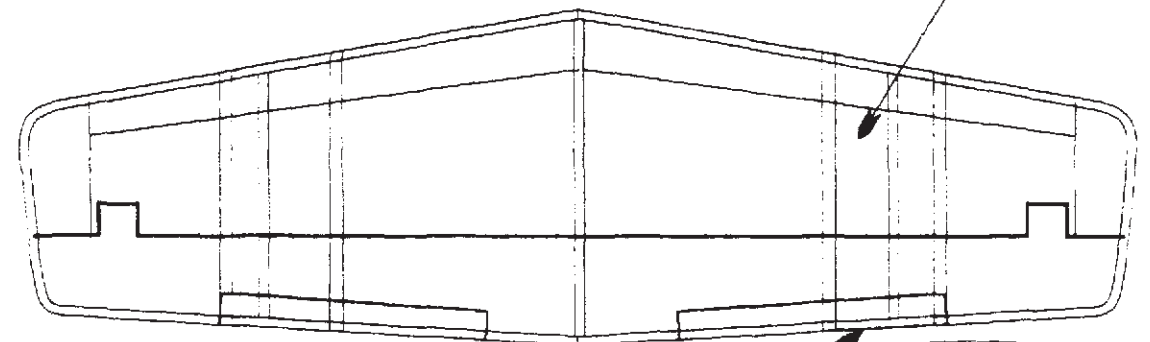


1/8" X 1/2" BLOCK INSERTED IN EACH END OF THE ROLLED TUBE.

MOTOR STICK IS A ROLLED 1/32" Balsa TUBE 10 3/4" LONG FORMED ON A 1/4" DOWEL. IT IS GLUED TO THE RIGHT SIDE OF THE FUSELAGE STRUCTURE AFTER THE STRUCTURE IS COVERED.

### MOTOR STICK

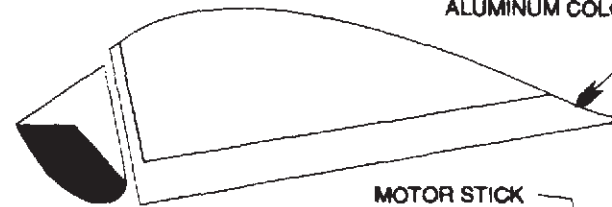
STAB IS GREEN WITH YELLOW STRIPES EDGED IN RED.



USE 1/20" SQUARE FOR STAB STRUCTURE.

WET FORM

THIS PORTION OF CANOPY IS ALUMINUM COLOR.



MOTOR STICK

WET FORM

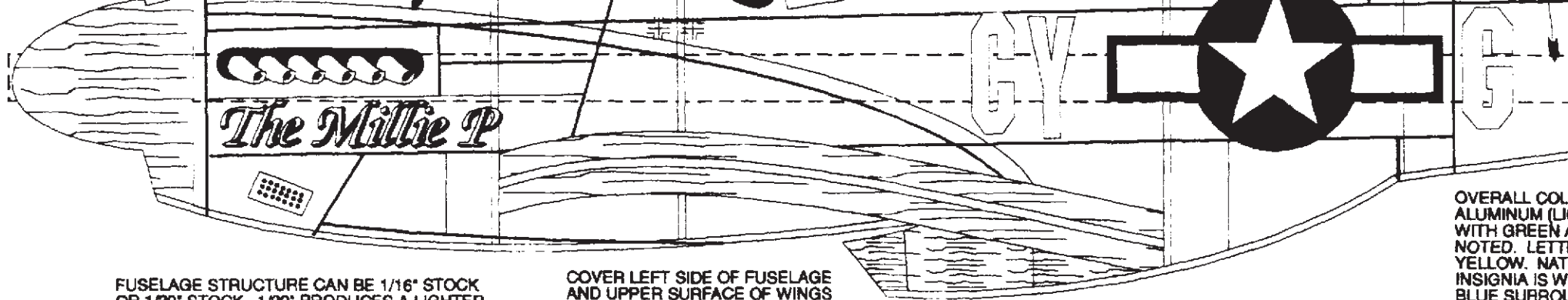
GREEN ABOVE AND BEHIND THIS LINE. EDGE IS RED.

IF A PLASTIC PROP IS USED, SELECT A 6" PROP OR A 7" PROP CUT TO 6". SHAVE TO LIGHTEN.

RED



YELLOW



YELLOW RUDDER. RED HORSE.

### P-51D NO-CAL SCALE

OVERALL COLOR IS ALUMINUM (LIGHT GREY) WITH GREEN AREAS AS NOTED. LETTERING IS YELLOW. NATIONAL INSIGNIA IS WHITE WITH BLUE SURROUND.

FUSELAGE STRUCTURE CAN BE 1/16" STOCK OR 1/20" STOCK. 1/20" PRODUCES A LIGHTER MODEL.

COVER LEFT SIDE OF FUSELAGE AND UPPER SURFACE OF WINGS AND STAB ONLY.

DESIGNED AND DRAWN BY PAUL BRADLEY 4/93

All,

Below please find the dates for flying at Heritage School this winter season. As always, start time is around 7:30 P.M. but you can normally get in at 7:00 to set up. Flying ends at 9:30 P.M. As last year, watch your emails or call if the weather is suspect. We may have to cancel under certain conditions. You can contact me at [mbwelshans@aol.com](mailto:mbwelshans@aol.com) and Bruce at [bthoms3006@wowway.com](mailto:bthoms3006@wowway.com) for updates. Keep in mind when flying at the school that when finished we need to police the gym for any trash, broken motors, etc. and dispose of them. Treat it like you lived there.

Also when you see Bruce give him a big thanks as he worked very hard to put this program together. Dates follow. Please note that there are three in January and only one in March.

October 11 & 25 2013

November 1 & 15 2013

December 6 & 20 2013

January 3, 17 & 31 2014

February 14 & 28 2014

March 7 2014

As always, we will fly FAC No Cal Scale and FAC Phantom Flash. We can also fly Blatter 40 if anyone wants to build one. Blatter 40 does not qualify for Kanones, but if someone want's to keep a running log (let Bruce or I know) of fliers and the top three each session we can come up with a perpetual trophy (to be awarded at the March meeting) for the best total score based on the formula used for Top Gun. Sport and fun flying is also on the agenda.

Mike Welshans - President

Bruce Thoms - Heritage Chairman

Hi all,

Thursday Indoor Free Flight flying will begin on Thursday, October 17.

We will once again fly most Thursday's that fall in weeks without holidays. As last year the times will be from about 1:00 until 3:00 unless there is a soccer game scheduled at 3:00. Cost will remain \$10.00 per week payable on site when you arrive.

I talked to the new restaurant when at the Wounded Warrior fly-in last August and there is a chance that they will be open for lunch Thursday's. We'll know more about that as we go along.

Right now we have committed through Thanksgiving and will work out details for Thursday's after that as we go.

Questions, let me know.

Mike Welshans

Hello McCook Flyers and Friends, I learned from Lonnie Kinder at his Ted Dock contest that Phil Cox passed away recently. He will be missed in the model community. Obituary below. Also a picture from my files of Phil launching his FA Moth at the June 21, 2011 McCook contest.

Stu Cummins.

Philip W Cox

February 12, 1930 - September 16, 2013

Obituary

Philip W. Cox, age 83, of Highland (Indiana) went to be with his Lord and Savior on Monday, September 16, 2013. Philip is survived by his wife of 62 years, Doris (nee Gatlin); daughters Barbara Stepp of Crown Point, Christal (Steve) Chadwick of Wheatfield and Robin (Mike) Rosner of Griffith; 9 grandchildren; many great grandchildren; 2 sisters Corliss (Harold) Lien of California and Judith Broussard of Washington State. Philip was the son in law of Ivan and Marjorie Gatlin. Funeral services will be at Kuiper Funeral Home, 9039 Kleinman Road, Highland, on Thursday, September 19 at 10 AM and officiated by Pastors Don Rector and Ron Lundy. Burial will follow at Chapel Lawn Memorial Gardens. Friends may visit with the family on Wednesday September 18 from 3-8 PM. Philip was a member of Jasper County Baptist Church. He was a retired carpenter and contractor. He loved building and flying model airplanes.



Gents,

Official announcement:

2014 FAC NATS will consist of one day judging and three days of competition.

Judging will be on Wed. at the motel.

Flying Thursday - Saturday.

B-B-Q dinner at the field on Thursday.

Banquet on Saturday.

No calendar in front of me at the moment...should be July 16 - 19.

I will be CD.

Pass the word,

Ross

Presidents Notes

First off a GIANT THANK YOU to Doris Wunsche who has donated all of long time Cloudbuster Fred Wunsche's kit collection to the club. The first part of the collection that was received consisted of over 170 kits with more to come. They will be used as door prizes for club meetings and the Cloudbuster Picnic and as raffle prizes for both the Outdoor

Champs and the Indoor Fling as we go forward.

It was disappointing that many of the members who voted for an August meeting, the first summer meeting in the incorporated years of Cloudbuster's, didn't show up. The officers all did and the club doesn't get the un-air conditioned room at the church for free, we have to rent it. That does however lead right into the next subject. A motion was made to have a meeting each summer month. The motion asked that the meetings take place before or during a scheduled monthly (June, July & August) contest at Broome Park. They would be less formal and if the contest was canceled because of weather the meeting would also be canceled. After much discussion the motion was tabled until the October meeting while it was absorbed by everyone. Any thoughts on this?

October is also the meeting that nominations are made for officers for the next year with the voting taking place at the November meeting. Keep in mind that some of the officers could be developing burn out and think about accepting a nomination. One night per month for part of the year doesn't kill anyone and if you're not there for whatever reason another officer takes on your duties. October and November are also the months to turn in your nominations for Cloudbuster perpetual awards. Think about deserving members for the Bill Adams (service to Model Aviation), George Lewis (service to the Cloudbuster's) and Dave Dulaitis (Contributions to Scale Modeling). These trophies cannot be won in consecutive years.

Current trophy holders who are ineligible are

Adams-Chris Boehm,

Lewis-Mike Welshans &

Dulaitis-Pres Bruning.

Keep in mind it is Okay to think out of the box here. It would be nice to see some new names on these awards. There are many deserving members who never get nominated.

October 30 is also the cut off for your Ron Sears "Top Gun" trophy results for 2013. Remember that you get accumulated points for contest results as follows. 1st place - 3, 2nd place 2 and 3rd place 1. You don't have to think you were the winner to turn in your scores. Turn them in so you can be recognized in the Newsletter and on the Website. Remember this is about having fun, not just winning.

Fair skies and tail winds,

Mike

S.T.E.M. (Science Technology Engineering and Math) has become an important part of K-12 curriculums as educators work to improve the performance of students.

What better way to introduce the concepts of S.T.E.M. than Aviation?

On Saturday October 26, 2013 the Michigan Department of Transportation, in conjunction with the Michigan Aeronautics Commission and Square One, will host a Teacher's Workshop showing how Aviation can support S.T.E.M. curriculum. This all day event will be held at Capital City Airport in Lansing.

There will be a wide variety of aviation activities available to the teachers. Weather permitting there will be rides available in GA aircraft. John Hoover of Flight Line, Mark Freeland of Retro R/C and yours truly will be there to demonstrate how aeromodeling can be an integral and easily accessible activity supporting S.T.E.M.

The workshop only costs \$25.00. Contact information and the Square One website is <http://www.squareonenetwork.org/professional-development/> or by contacting Karl Klimek at [karl@squareonenetwork.org](mailto:karl@squareonenetwork.org).

Please pass this on to your favorite schools or teachers. It should be a great day!

Joe Hass

248-321-7934

John,

Thanks for the info and positive response on the Outdoor Champs. I'm glad you had a good time at Muncie. It's a bit of work for us, but what a super place to fly model airplanes, and I love it. I'm passing this message with the Waywayanda data on to the Cloudbusters. We go right bye Waywayanda on our way to Geneseo if we go through Canada to Buffalo and on.

I put your E-mail address on my list.

Schtiks und Tizzu Uber Alles! Rottensox

From: John Houck <[jphouck@comcast.net](mailto:jphouck@comcast.net)>

To: Ralph Kuenz <[rdkuenz@yahoo.com](mailto:rdkuenz@yahoo.com)>

Sent: Tuesday, September 24, 2013 11:48 AM

Subject: Dear Contestant

Hi Ralph,

First, the e-mail address - [jphouck@comcast.net](mailto:jphouck@comcast.net)-

Second, it's not my stop watch.

Third, I would like to thank You and the Cloudbusters and the other folks who put on this fine meet; we will try to be there next year.

Fourth, Tom Hallman and I would like to invite you and the Cloudbusters to the Barron Field Air Races at Wawayanda, NY. A map and event list can be found at

[WWW.hallmanstudio.com/wawamap.jpg](http://WWW.hallmanstudio.com/wawamap.jpg)

To give you an idea, Wawayanda (it's a township and dose not appear on most maps) is located near the top tip of New

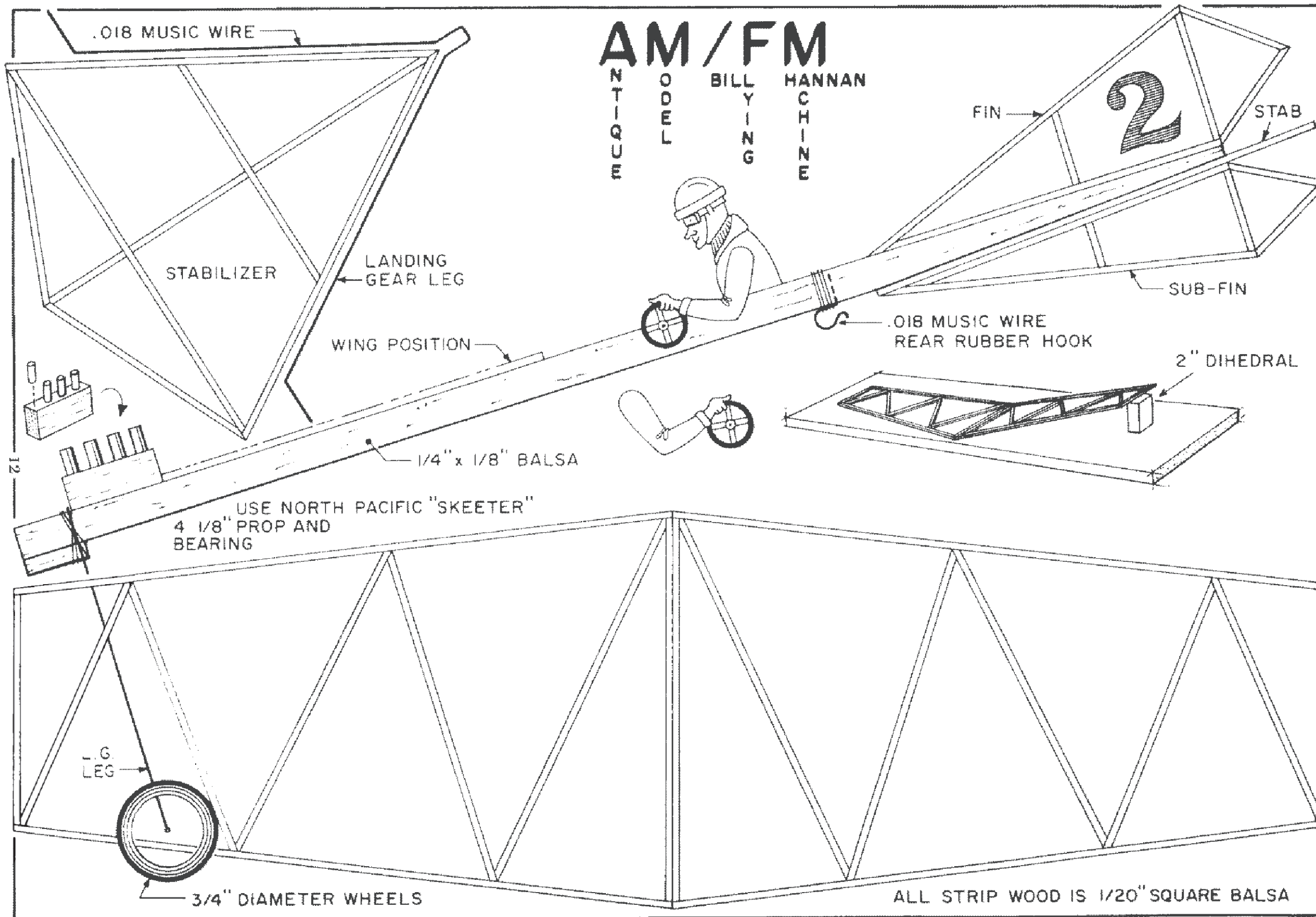
Jersey, near Middletown, NY, where it comes together with Pennsylvania and New York.

Sorry about the postage,  
John Houck

P.S. This answer is a bit late because, as soon as I got back from Muncie, my wife and I left for the Jersey shore; payback for Geneseo, Muncie, and the coming meet at Wawayanda.



**Ramblings From The Editor:**



This issue of the Cloudbuster Newsletter as you may have noticed, is a little late. I have had family issues, job issues,(working too much,) health issues, computer issues, just plain and simple, life happened. In trying to keep the fun in flying, I have been talking to our President, Mike, and would like to reintroduce everyone to KISS - Keep It Simple Stupid. If you want something that is easy to build, and easy to fly so you can just have some fun, try the; \*\*\*\*\*PINKHAM FIELD STICK\*\*\*\*\*

This event is for stick models having a solid stick or non-scale profile models with a span not greater than 20 inches. They may be built up, all sheet, or a combination of both. They can be flown as many times as you wish all day. There is no max flight time. Highest single flight time wins. Only the winner is listed. No second or third place credit is given.

A slight modification has been added. Any model that fits into another event cannot be flown in Pinkham Field. If we are flying Phantom Flash, you cannot fly a Phantom Flash in Pinkham Field.

With that in mind, I have included two great little planes that fit the Pinkham Field rules. The AM-FM and the Sky Bunny. The AM-FM I have enlarged here to 16" wing span. You can use 1/16" square lumber instead of the 1/20" shown on the plan. Either way it is a great flier.

The Sky Bunny plan shows only the left wing, but that should not be a problem for most of you. If it is, let me know and I will draw up a right wing for you.

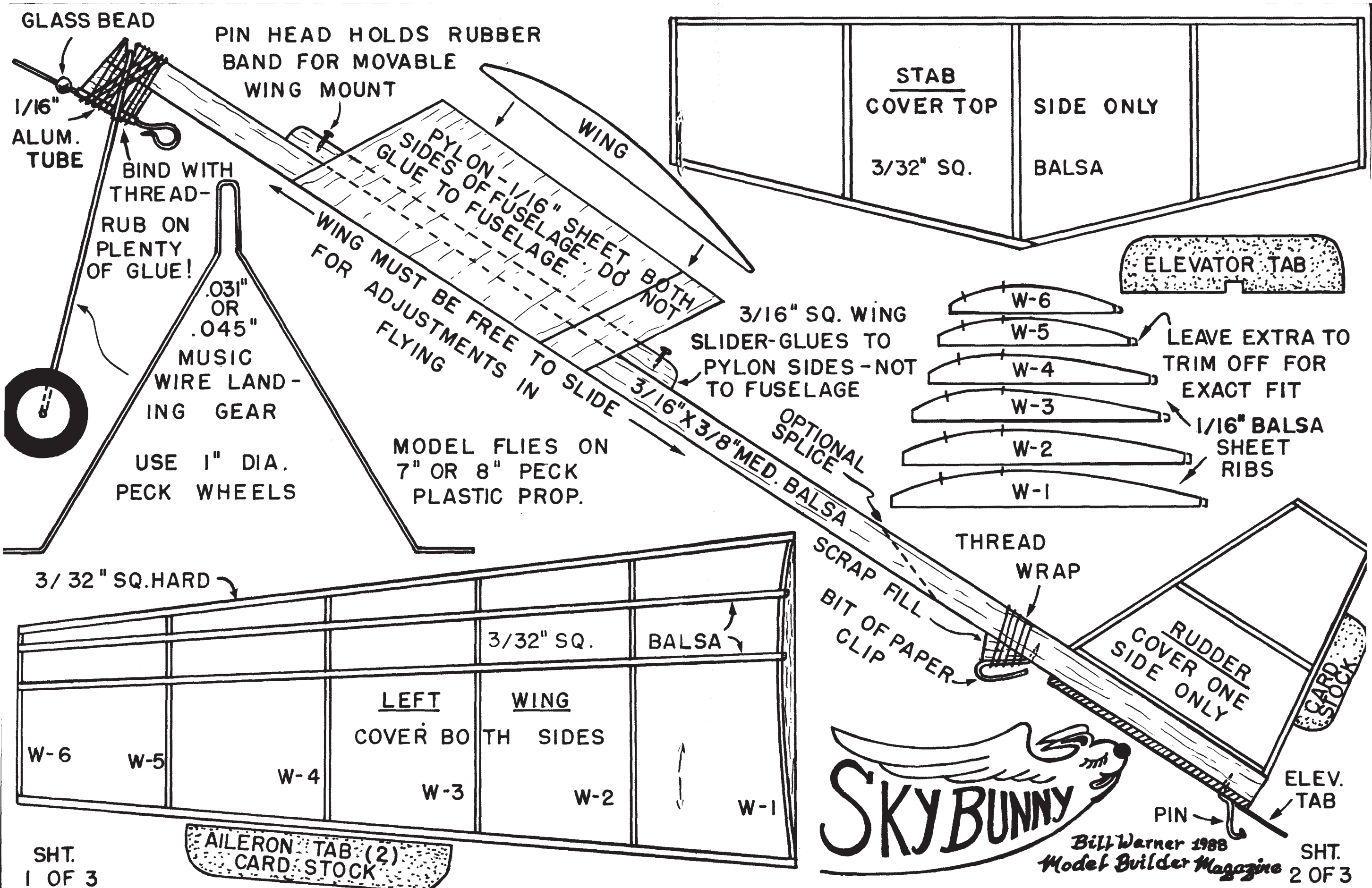
Go ahead build one of each or something similar but above all have some fun.

For those of you that want a little more challenge, I have included the Paul Bradley P51D Nocal plan. This should not be too difficult to build and certainly promises as do all of Paul's planes, to be a great flier. Just think of all the ways that you can paint this one up. There are hundreds of possible color schemes.

We have two outdoor contests scheduled for Broome Park yet this year, Saturday, October 19 and Saturday, November 2. As has become tradition The Oldenkamp Cup (P-30) contest is scheduled for each of the last two Broome Park Contests. It will be flown on the first good weather day, in which there are at least 3 contestants with P- 30s. So bring your P-30 to each of the these contests.

Till next issue Happy Flying. I will try not to be late next time.

Chris





**The 2013  
Flying Aces  
Outdoor Championships  
Results**

Grand Champ	Reg#	Name	Place	Points
25	Walter Farrell	1	316	
11	Thomas Hallman	2	258	
10	Don Deloach	3	183	
2	Patrick Murray	4	146	
3	Paul Grabski	5	122	

Event#	Event Name	# Entries	Reg#	Name	Place	Points
1	Fac Peanut Scale	14	11	Thomas Hallman	1	70
1	Fac Peanut Scale		3	Paul Grabski	2	42
1	Fac Peanut Scale		25	Walter Farrell	3	14
2	Fac Rubber Scale	10	31	Chris Starleaf	1	50
2	Fac Rubber Scale		11	Thomas Hallman	2	30
2	Fac Rubber Scale		10	Don Deloach	3	10
3	Fac Jumbo Scale	5	11	Thomas Hallman	1	25
3	Fac Jumbo Scale		2	Patrick Murray	2	15
3	Fac Jumbo Scale		31	Chris Starleaf	3	5
5	Fac Power Scale	4	19	Edward Allebone	1	20
5	Fac Power Scale		42	Martyn Richey	2	12
5	Fac Power Scale		11	Thomas Hallman	3	4
6	Low-wing MT	7	11	Thomas Hallman	1	35
6	Low-wing MT		2	Patrick Murray	2	21
6	Low-wing MT		10	Don Deloach	3	7
7	Golden Age Combined	13	2	Patrick Murray	1	65
7	Golden Age Combined		36	Paul Boyanowski	2	39
7	Golden Age Combined		25	Walter Farrell	3	13
10	Old Time Rubber Stick	8	35	Jack Tisinai	1	40
10	Old Time Rubber Stick		9	Stewart Cummins	2	24
10	Old Time Rubber Stick		33	Larry Coslick	3	8
11	OT Rubber Fuselage	16	3	Paul Grabski	1	80
11	OT Rubber Fuselage		19	Edward Allebone	2	48
11	OT Rubber Fuselage		35	Jack Tisinai	3	16
14	Old Time Gas Replica	3	28	Mark Rzacca	1	15
14	Old Time Gas Replica		19	Edward Allebone	2	9
14	Old Time Gas Replica		46	Sidney Harden	3	3
16	Dime Scale	17	11	Thomas Hallman	1	85
16	Dime Scale		44	Jack Bredehoft	2	51
16	Dime Scale		10	Don Deloach	3	17
19	Embryo Endurance	18	33	Larry Coslick	1	90
19	Embryo Endurance		28	Mark Rzacca	2	54
19	Embryo Endurance		10	Don Deloach	3	18
22	Thompson Racer	7	25	Walter Farrell	1	35
22	Thompson Racer		10	Don Deloach	2	21
22	Thompson Racer		36	Paul Boyanowski	3	7
23	Greve Race	11	39	Michael Isermann	1	55
23	Greve Race		36	Paul Boyanowski	2	33
23	Greve Race		25	Walter Farrell	3	11
24	Goodyear Race	9	35	Jack Tisinai	1	45
24	Goodyear Race		25	Walter Farrell	2	27
24	Goodyear Race		11	Thomas Hallman	3	9
25	Wwi Dog Fight	9	2	Patrick Murray	1	45
25	Wwi Dog Fight		25	Walter Farrell	2	27
25	Wwi Dog Fight		31	Chris Starleaf	3	9
26	Wwii Combat	18	25	Walter Farrell	1	90
26	Wwii Combat		10	Don Deloach	2	54
26	Wwii Combat		6	John Houck	3	18
29	1/2 Wakefield	5	19	Edward Allebone	1	25
29	1/2 Wakefield		35	Jack Tisinai	2	15
29	1/2 Wakefield		29	Pres Bruning	3	5
17	No-cal Profile	11	25	Walter Farrell	1	55
17	No-cal Profile		6	John Houck	2	33
17	No-cal Profile		38	Dennis Ruhland	3	11
98	Ama P-30	12	43	Dan Driscoll	1	60
98	Ama P-30		10	Don Deloach	2	36
98	Ama P-30		25	Walter Farrell	3	12
97	Earlstahl Scale	4	10	Don Deloach	1	20
97	Earlstahl Scale		25	Walter Farrell	2	12
97	Earlstahl Scale		6	John Houck	3	4
99	Comet 25" Porterfield	4	25	Walter Farrell	1	20
99	Comet 25" Porterfield		27	Claude Powell	2	12
99	Comet 25" Porterfield		36	Paul Boyanowski	3	4

**Results from Broom Park 9/22/13**

All and all the weather turned out fine, a little windy but we were able to keep the great majority of the flights on the field, with only one plane lost to the tall pines around the ball field. Seven flyers and six events.

**Phatom Flash**

1st	Winn Moore	303
2nd	George Bredehoft	257
3rd	Chuck Hickson	253

**Dime Scale**

1st	Jack Bredehoft	159
2nd	Winn Moore	108
3rd	Jack Moses	49

**Embryo**

1st	Winn Moore	316
2nd	George Bredehoft	248
3rd	John Jackson	235

**No-Cal**

1st	George Bredehoft	138
2nd	John Jackson	137
3rd	Winn Moore	103

**Mass Lunch  
WWII**

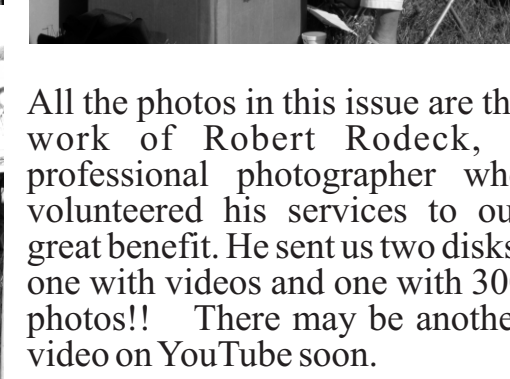
1st	Jack Moses
2nd	George Bredehoft
3rd	Winn Moore

**Race**

1st	Jack Bredehoft
2nd	Winn Moore
3rd	George Bredehoft



**The 2013  
Flying Aces  
Outdoor Championships**



All the photos in this issue are the work of Robert Rodeck, a professional photographer who volunteered his services to our great benefit. He sent us two disks, one with videos and one with 300 photos!! There may be another video on YouTube soon.