CENTRAL INDIANA AEROMODELLERS

INFORMER

FREE FLIGHT NEWS OF THE MIDWEST

** The Weather **

All the ground is bare and chapped with bitter cold. The ruts are iron…

- Editor -
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Welcome to the "Contest Results" issue of the Informer. Many thanks to those of you who sent the results info to me. Keep it up!

Report from Slanic, Prahova, Romania…..
In case you didn't already know, Agent **Jim Richmond** did it again – winning his 7th Indoor Individual World Champion gold medal! His 71:19 was more than 2 minutes ahead of the individual 2nd place finisher, Lutz Schramm of Germany. But teammate John Kagan edged Jim out for the longest flight by 2 seconds! Despite these achievements, the US team finished 2nd overall to the Romanian team. Apparently the home field advantage is a real thing!!

The USA Junior Indoor Team *ruled*! Individually, they placed 1st, 2nd and 4th – while winning the team gold! Kudos to Doug Schaffer, David Rigotti and Brett Sanborn!! Their team total of 168:40 was over a *half-hour* better than the 2nd place Romanian team!! And most impressive is the fact that our Juniors' times are right up there with the Open fliers!!

The **Annual CIA Banquet** and **Awards Shew** is rapidly approaching! Be sure to check out the particulars inside.



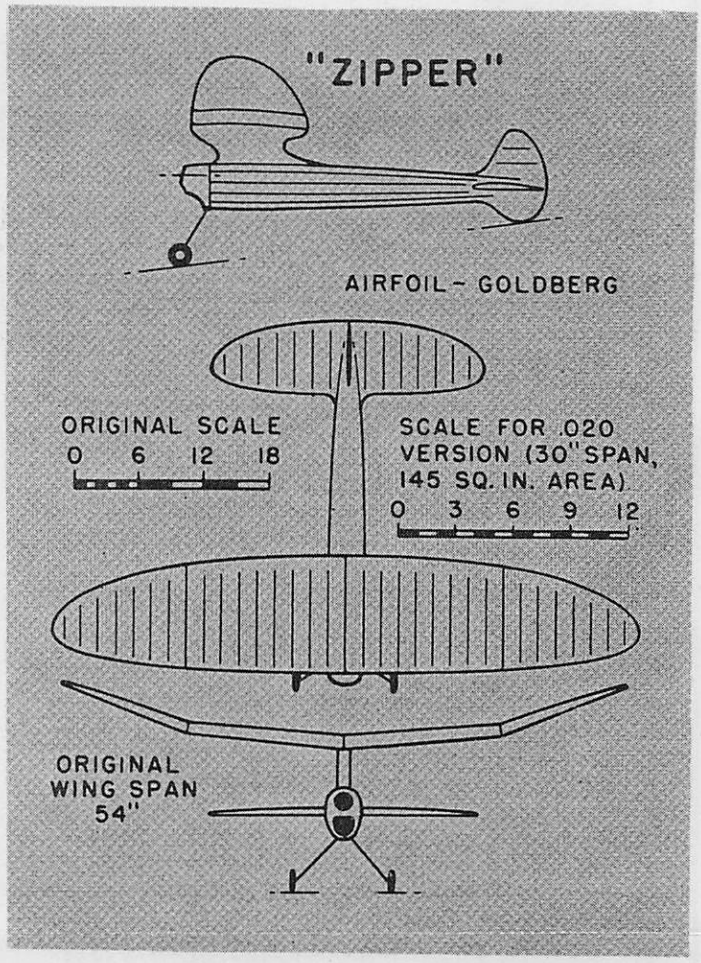


Front row; left to right:
Rigotti
Schaeffer
Sanborn
Richmond
Brown
Kagan

New Faces!! How about a big, fat handshake for new Agents **Bob Bienenstein** of Allen Park MI and **Pat Murray** of Indianapolis IN. Welcome aboard! And welcome back to Agent **Charlie Sotich** of Chicago, IL.

Looking for some Indoor flying opportunities? Here's a short list of area events from Indoor News & Views:

1. *Brainbusters Winter Contest Series*: Jan 22-23; Feb 26-27; Mar 26-27. Langley VA. Contact Abe VanDover, 757-877-2830.
2. *River Valley Flyers* (get-togethers for both rubber FF and RC indoor/park flyers): Wisconsin Rapids East Junior HS. Jan 7, 14, 21, 28; Feb 11, 18; Mar 4. Contact Chuck Benner, 715-424-5179.
3. *Midwest Indoor Championships*: UILL Armory, Champaign IL (Chicago Aeronuts). April 2, 3. Contact Bob Warmann, 630-834-9075.
4. *MMAC Annual Indoor Meet* (Minneapolis Modelers): Apr 2. Contact Gary Oakins, 651-429-3150.
5. *Heart of America Indoor Championship* (HAFFA): Kansas City College & Bible School. Apr 9. Contact Emil Schutzel, 913-362-3095.
6. *Peach State Indoor Championships* (Thermal Thumbers): North Cobb HS, Kenesaw GA. Apr 16. Contact David Mills, 404-509-4209.
7. *'05 Spring Indoor Fling* (Cloudbusters): Inside Swing Golf Dome, Flint MI. May 1. Contact George Lewis 810-329-6833.



It seems that there's always controversy associated with rules change proposals. Agent **Bob Larsh** voices his opinion on the latest proposed "upgrade" of the SAM OHLG event (which suggests reducing the number of hand launch glider flights from 9 to 6). In his letter to Bruce Augustus, Bob sez:

"We should vote NO on this proposal. Most of us old duffers are just getting warmed up and finding the groove at about the fifth official, as we don't fly as often as the AMA glider aficionados. We do make test flights, but prefer to test during the officials as we seem to catch unwanted thermals while making unofficials – and gliders suffer damage on about every other D/T."

"Also, the original 1940s rules allowed nine flights. Why should we now parallel the current AMA rules of six flights, just to remember how many officials we get? We've used nine flights the last 25 years and I don't know of anyone who forgot – or was confused."

"What next? Parallel the AMA rules and fly glow engines only, drop the wing loading requirements, etc., etc.? Note that O.T. catapult allows nine flights....."

- RKL

The CIA 2004/05 Annual Awards Banquet, Saturday January 22nd !!

It's that time again! And this year the whale-out stays put at the Cardinal Family Restaurant, just outside the AMA field at Muncie, IN. Check out the furnished map and directions.

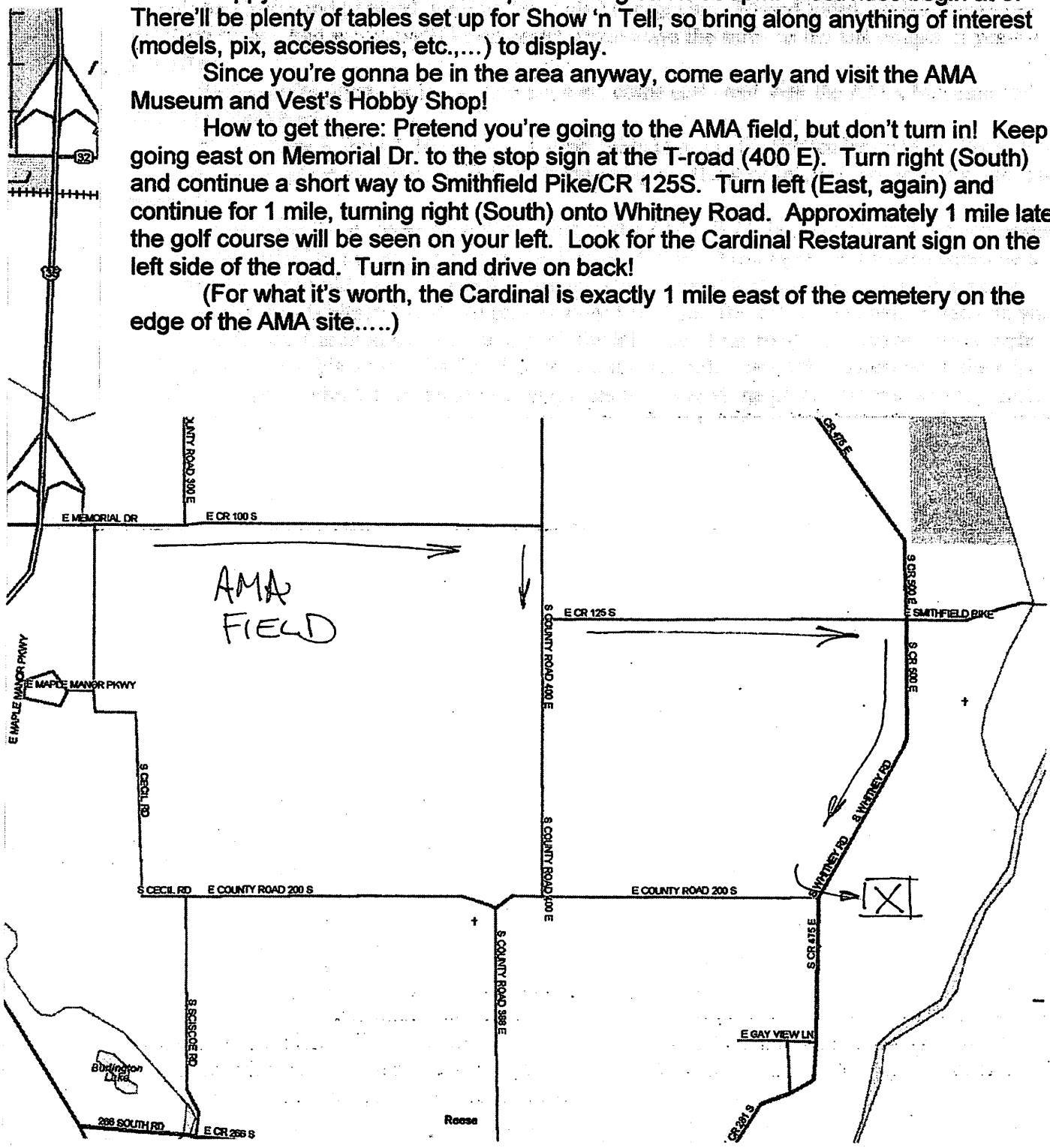
Again, the dinner will be buffet style, and the price stays the same at $17.50 per.

Happy hour is from 3:30 to 5pm. Eating starts at 5pm. Festivities begin at 6. There'll be plenty of tables set up for Show 'n Tell, so bring along anything of interest (models, pix, accessories, etc.,...) to display.

Since you're gonna be in the area anyway, come early and visit the AMA Museum and Vest's Hobby Shop!

How to get there: Pretend you're going to the AMA field, but don't turn in! Keep going east on Memorial Dr. to the stop sign at the T-road (400 E). Turn right (South) and continue a short way to Smithfield Pike/CR 125S. Turn left (East, again) and continue for 1 mile, turning right (South) onto Whitney Road. Approximately 1 mile later, the golf course will be seen on your left. Look for the Cardinal Restaurant sign on the left side of the road. Turn in and drive on back!

(For what it's worth, the Cardinal is exactly 1 mile east of the cemetery on the edge of the AMA site.....)



An aside: The Cardinal Restaurant was originally named because of the Cardinal Hills golf course, where the BSU golf team (Cardinals) played their home matches. When Phil played there, it was known as the Green Hills Country Club.

Scale 1 : 25,000
1" = 2080 ft

REPORT FROM SLANIC, PRAHOVA, ROMANIA

Fortunately for us indoor flyers, Romania volunteered to host the 2004 Indoor World Championship once again. (AMA, where have you been for the last 10 years?) This was my sixth trip to the Slanic Salt Mine and it now seems like a familiar old friend. So now I happily hop into the rusty steel box hung on a cable that lowers you hundreds of feet into the bowels of the earth to visit, once again, the vast underground chambers the size and shape of dirigible hangars that test the very limits of your flying skills. The floors are flat and the walls are vertical up to the 100 foot level where they taper inward to a flat roof at 220 foot. A catwalk extends around the perimeter of the roof and it has lighting installed, making it possible to see the high altitude flights. The catwalk is still being used to retrieve planes hung up at the top. The space between these catwalks is 35 feet and that's where you have to put your plane if you want to win. If you dress for it (warm jackets were provided for team members) and stay active, the constant 52 degrees F. temp. Doesn't really bother you unless you happen to be from Southern California (right Steve?).

The first of two days of practice began on October 4. We were fortunate to have this extra day because one of our open team members and two of the juniors had never flown there before. We all needed the opportunity to adjust our planes to perform in this unusual site which requires an almost vertical climb-out with a gradual transition to a nice slow nose-up cruise just under the 220 foot roof. Easier said than done. After 2 days of trying, none of us were really satisfied. A really good climb was often followed by a cruise that was too fast. When adjusted for a good cruise, there was often stalling or mushing in the climb. Loosening the motor stick bracing proved to be a big help in these efforts. This produces some reduction in stab incidence during the initial climb, which helps just as it does in outdoor models.

On October 6 we began the first of three days of competition with two official flights each day. My first attempt started up well but then stalled, rolled over, and actually started flying inverted! I waited for it to roll over and proceed with its flight, but it liked flying upside down and I had to balloon it down. Scratch one official. For my next flight I used a prop that had looked good in testing, but it proved to be too efficient in the climb and soon the plane was bumping against the roof trying to go higher. This continued for a time and the plane gradually walked itself to one side over the catwalk where it hung up with only 12 minutes on the watch. Not a good start. The elevator operator was persuaded to retrieve the plane. In contrast, Dough Schaefer of our junior team put up two "over 30" flights, giving him a commanding lead which would never be challenged. USA's John Kagan showed his stuff with the meet's longest flight of 36:02 in the 2nd round. I had predicted he would win, which he would have if he could have duplicated this performance in later rounds.

October 7 was another day and now my plane was flying great. A 36:00 and a 35:19 put me in the lead, but just to let me know I wasn't getting off all that easy, my plastic chair suddenly collapsed and shattered into a dozen pieces, leaving me sprawled on the floor. In Kagan's case, a dog took a leak into his kit bag while we waited for the bus (uh!).

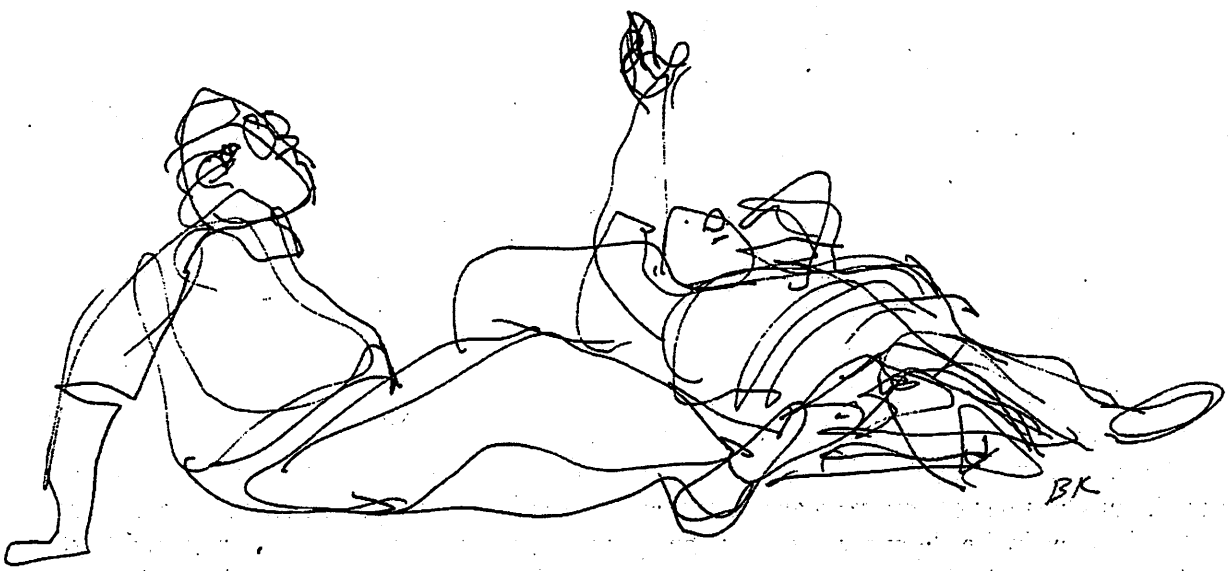
October 9 was relaxation day for me (nice being in the lead) while most everyone else (except Doug Schaefer of course) was struggling to try to improve. In an effort to enhance the stability of the air in the flight zone, all but those flying, timing, or helping were required to stay about 50 yards away in the pit area where unfortunately little of the "action" could be observed. However, things had loosened up by the end of the last round and many of us were able to witness the "heroic" efforts of Kagan to put up that 2nd great flight he needed. He started processing his plane for his last flight 30 minutes before the end of the competition. Our team manager Rob Romash positioned the winding table for him and he slowly wound his motor to pack in maximum turns. Finally he hooked it up and launched the plane. But wait! Something

was wrong and the plane was floundering. John ballooned it down within the 1minute limit. The film had stripped off of a prop blade. He could process another plane and try again, but that was impossible to do within the 10 minutes remaining. This is where Romash earned his stripes. He sent members of the junior team to get John's back-up plane and get it processed while John wound his motor for the last attempt. They made it in the time and the flight was interesting with wall bounces and steering, but it wasn't to be this time. He did succeed in bumping me off with a super last flight performance in 2000 and so this attempt seemed all too familiar for a while.

We were really proud of our victorious Junior team who were fortunate in having the reigning Junior World Champion Doug Schaefer as a team member (he could have flown as an individual). Their strong performance just goes to show what can happen with enough exposure and help. Let's hope the Science Olympiad program will continue to introduce the kids to this great activity. Our second place open team didn't win this time but what the heck. I'll bet the Romanians enjoyed their win even more than we would have.

The Romanians have really been good hosts. We have to ask ourselves where we would be if they hadn't stepped up to the plate each time they were needed. A very special thanks goes to Aurel Popa. He has been an avid indoor flyer for the 35 years I have known him and he is always the one to beat in the mine. He and his team put on a great Indoor World Championship once again!

by Jim Richmond



2005 FREE FLIGHT SCHEDULE

Italicized dates are confirmed

January ?	CIA 2004 Annual Awards Banquet Contact: Meredith Chamberlain, (765) 643-1885	Muncie, IN
April 1,2,3	*Toledo Trade Show*	Toledo, OH
May	Eastern FF Championships Joe Wagner, (410) 778-3933	Higgs Farm, MD
May 14, 15	*Hoosier Cup FAI Contest* Chuck Markos, (849) 945-9225	AMA Muncie Site
May	Skyscraper International Challenge Andrew Barron, Andrew.barron@yale.edu	Wawayanda, NY
May 25-29	*USIC Indoor National Championships* Abram Van Dover, (757) 877-2830	Johnson City, TN
June 3,4,5	*AMA Homecoming*	AMA Site
June 10	*One Design Contest*, HoneyBee, Star. X, T-Bird, Geef, Zero, Ramrod 250, 1/2A Fu-Bar,1/2A SpaceRod, Early 1/2A Zeek, Lil-Dip/JET/Ghost. Rudy Kluiber, (216) 226-6838	AMA Site
June 11, 12	*CIA OT/NOS Contest* Gib Robbins, (765) 378-4434	AMA Site
June 13, 14	*National Cup Challenge* Bob Mattes (636) 447-9580 rmattes@wans.net	AMA Site
June 18, 19	*Inter-City FF Contest* Bob Beinenstein, (313) 382-8180	AMA Site
June	Heart of America Spring Fling FF Contest Mike Basta, (913) 492-4830 dbasta@everestkc.net	Kansas City, KS
June 18, 19	Michigan A. M. OT Contest Robt. Pattison, (616) 457-0822	Sturgis, MI
June 25,26	*Fellowship of Christian Modelers Contest* Randy Ryan, (734) 697-8982 iflyff@comcast.net	AMA Site
July	FAC NATS Lynn Reichel (814) 833-0314	
Aug 1-5	*USOC/AMA National Championships* John Lorbeicki (262) 628-4296	AMA Site
Aug 19-21	*NOFFA FF Contest* Charles Jones (440) 933-7377	AMA Site
Aug	Empire State Championships John Carls, (814) 362-7789	Geneseo, NY
Aug 27, 28	*Aeronuts Midwestern States FF Championships* Chuck Markos,(847) 945-9225	AMA Site
Sept 10, 11	*COFFC FF Contest* Gene Bowers (614) 436-4120	AMA Site
Sept 16-18	*CIA 32nd Annual Regional FF Championship* Phil Sullivan (765) 640-2921 ciasilk@aol.com	AMA Site
Oct 1,2	Fall Festival FF Contest (Thermaleers) Bob Mattes, (636) 447-9580 rmattes@wans.net	Lawrenceville, IL
Oct 8,9	*3rd Annual Ted Dock Memorial FAC Contest* Lonnie Kinder, (765) 945-7626	AMA Site
Oct 9-13	*SAM CHAMPS* Ted Firster (909) 776-4971 civiboy31@aol.com	Las Vegas, NV
Oct	Heart of America Fall Fling FF Contest Ed Wiley, (785) 842-1308 edwiley@sunflower.com	Kansas City, KS
Oct	Skyscrapers Annual	Wawayanda, NY
Dec 29-31	King Orange International	Palm Bay, FL

Revised 11-14-04

NOFFA 2004 SUMMER CONTEST RESULTS

Hand Held Cat Glider

Phil Sullivan	422
Bill Reuter	299
Elvin Buchele	270
Guy Scott	226
JBM Griner	136

ABC OT Fuselage

Gil Morris	352
Elmer Jordan	263
Dan Harshman	246
Bob Edelstein	235
Bob Placier	44

Classic A-2 Towline

Guy Scott	333
Lee Campbell	326
Elmer Jordan	117

Classic A-1 Towline

John Seymour	308
Chuck Markos	304
Bill Reuter	285

C Nos. Gas

Bob Mattes	582
Bob Edelstein	457
Gene Wicks	312
Keith Fulmer	307
Hank Sperzel	273
Richard Covalt	270
Don Diggs	120

020 OT/Nos Combined

Elmer Jordan	342
Bill Hale	285
Elvin buchele	57

AB Classic Power

Ronnie Thompson	900
Bob Mattes	839
Hank Sperzel	454
Bob Placier	400
Jack Marsh	346
Charlie Harper	329
Gib Robbins	326
Lee Campbell	315

1/2 A Gas

Ronnie Thompson	1500
Norm Poti	1466
Gil Morris	584
Hank Sperzel	362
Jack Marsh	360
Charlie Harper	360

1/2 A Gas Sr

Jason Poti	240

Mulvihill

Walt Tomasch	840
Joe Williams	740
Chuck Markos	719

Moffet

Chuck Markos	540
Joe Williams	537

OT Rubber

Roy Stewart	634
Joe Willams	501
Bob Watson	322
Don DeCook	41

PeeWee 30

Bill Hale	2313
Elmer Jordan	2046
Jean Andrews	1913

ABC OT Plyon

Gil Morris	470
Dan Harshman	318
Elmer Jordan	313
Don Boyer	262
Bob Edelstein	212

B Nost. Gas

Richard Covalt	2040
Keith Fulmer	835
Gene Wicks	716
Charlie Harper	329
Don Diggs	240
Bob Edelstein	200

1/2 A Nos. Gas

Keith Fulmer	689
Bucky Servaites	480
Elvin Buchele	432
Bob Edelstein	418
Elmer Jordan	407
Gene Wicks	327
Lee Campbell	288
Don Boyer	237

CD Classic

Bob Mattes	1915
Ronnie Thompson	1472
Bob Watson	877
Jack Marsh	746
Hank Sperzel	576
Elmer Jordan	286

A Gas

Ronnie Thompson	1050
Norm Poti	1047
Richard Covalt	707
Hank Sperzel	552

1/2 A Classic

Ronnie Thompson	691
Jack Marsh	650
Bob Mattes	354
John Seymour	320
Chris Steinebach	227

Team Glider Challenge

Poti, Mekina, Servaites	
Sullivan, Scott, Wicks	
J.Poti, Campbell, Reuter	

P-30 Jr.

Ryan Seymour	221
Shane Steinebach	148

P - 30 Open

Lee Campbell	360
Roy Stewart	319
Chuck Markos	290

Lil Dip/JetStream Glider

Chuck Markos	
Bill Reuter	

Nost. Rubber/Wake

Jean Andrews	469
Meredith Chamber	460
Joe Williams	454
Roy Stewart	451
Walt Tomasch	120

Hand Launch Glider

Phil Sullivan	177
John Seymour	115
Bill Reuter	102
Don Diggs	89
JBM Griner	21

Hand Launch Glider - Sr.

Jason Poti	46

Hand Launch Glider - Jr.

Shane Steinbach	105
Ryan Seymour	39
Zachary Seymour	25

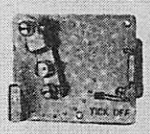
C Gas

Joe Mekina	1487
Ronnie Thompson	578
Hank Sperzel	329
Richard Covalt	322

A Nos. Gas

Norm Poti	840
Gene Wicks	827
Keith Fulmer	822
Jack Marsh	678
Carl G. Rowland	465
Charlie Harper	346
Hank Sperzel	120
Elmer Jordan	94
Bob Placier	62

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Central Ohio Free Flight Club Annual Meet September 11-12 2004
Muncie Indiana (49 Contestants)

Nostalgia ¼ A (7)

Gib Robbins	360
Gene Smith	346
Gene Wicks	291

Nostalgia A (9)

Keith Fulmer	801
Gib Robbins	581
Gene Smith	466

Nostalgia Ignition (3)

Dick Hall	307
Elmer Jordan	297
Jean Andrews	293

A-1 Classic Glider (6)

John Seymour	320
Hank Sperzal	319
Rudy Kluiber	309

A-2 Classic Glider (1)

Rudy Kluiber	334

OT B/C Gas Pyl/Cab (3)

Elmer Jordan	299
Dan Harshman	289
Bob Edelstein	247

020 Replica (4)

R P Hanford	308
Ben Cleveland	268
Elvin Buchele	197

Mulvihill (6)

John Seymour	1068
Joe Williams	815
Walt Tomasch	515

Moffett (4)

David Sechrist	780
Joe Williams	774
Ed Sneed	735

A/B Classic (5)

Bob Hanford	900
Jack Marsh	844
Gene Smith	711

Nostalgia ½ A (8)

Rudy Kluiber	572
Elvin Buchele	416
Gib Robbins	354

Nostalgia B (5)

Keith Fulmer	720
Dick Hall	572
Ben Cleveland	471

Nostalgia C (6)

Keith Fulmer	480
Gene Wicks	353
Ben Cleveland	344

Nos Rubber/Wakefield (6)

Ed Sneed	540
Ed Knoefes	449
R P Hanford	432

Pee Wee 30 (2)

Rudy Kluiber	2400
Elmer Jordan	2005

OT A Gas Pyl/Cab (3)

Dan Harshman	352
Elmer Jordan	348
Bob Edelstein	242

OT Rubber Cab L&S (8)

Wm Petty	1299
Ed Konefes	1296
Joe Williams	715

OT Rubber Stick (6)

Roy Stewart	968
Don Diggs	908
Jim Ferwedda	680

P-30 (4)

Bill Jackson	640
R P Hanford	504
David Sechrist	483

½ A Classic (6)

Jack Marsh	480
Charlie Harper	344
Jean Pailet	341

C/D Classic (4)

Jack Marsh	1350
Bob Watson	1283
Bob Hanford	360

AMA A/B Gas (5)

Norm Poti	750
Guy Scott	702
Gene Smith	600

AMA ½ A Gas (5)

Jean Pailet	570
Gene Smith	563
Bob Hanford	354

AMA C/D Gas (3)

Joe Mekina	993
Hank Sperzel	263
Bob Hanford	120

Hand Launch Glider (8)

Phil Sullivan	244
Kurt Krempetz	186
John Oliver	141

Catapult Glider (14)

Rudy Kluiber	309
Joe Mekina	289
Phil Sullivan	288

Catapult Gilder Jr (1)

Ryan Seymour	144

P-30 Jr (1)

Ryan Seymour	269

Floyd Miller Memorial Trophy
Jack Marsh 1350 seconds

F1G (3)

Bill Jackson	771
Ed Konefes	676
David Sechrist	600

F1J (4)

Norm Poti	840
Bob Gutai	797
Jim Haught	588

32nd Annual CIA Regional FF Championship
Sept. 18-19, 2004

A NosGas
1	Brad Bane	960
2	Richard Covalt	475
3	Elvin Buchele	354
4	Elmer Jordan	339
5	Bob Edelstein	336
6	Gene Wicks	335
7	Norm Poti	240

C Gas
1	Joe Mekina	600
2	Bob Hanford	550
3	Bob Watson	480

B Gas
1	Bob Hanford	1200
2	Norm Poti	697
3	Guy Scott	120

Electric AB
1	Charles Groth	103

Classic A-1
1	Rudy Kluiber	360
2	Hank Sperzel	317
3	John Seymour	302
4	Elmer Jordan	120

Mulvihill
1	Paul Masterman	720
2	Don DeCook	540
3	Chuck Markos	449
4	Roy Stewart	268

Catapult Glider
1	Joe Mekina	353
2	John Oliver	232
3	Jason Poti	209
4	JBM Griner	159
5	Rey Mazzocco	158
6	Bill Reuter	123
7	Rudy Kluiber	114
8	Jon Reuter	101
9	Elvin Buchele	97

B NosGas
1	Richard Covalt	600
2	Gene Wicks	600
3	Bob Edelstein	320
4	Don Diggs	119

1/4A NosGas
1	Rudy Kluiber	480
2	Brad Bane	420
3	Gib Robbins	332
4	Shel Myers	314
5	Gene Wicks	242
6	John Oliver	222
7	Elmer Jordan	133

1/2A Classic
1	Bob Mattes	259
2	Bob Hanford	234
3	John Seymour	225
4	Paul Masterman	169

Classic A-2
1	Rudy Kluiber	422
2	Guy Scott	247
3	Elmer Jordan	104

Jimmie Allen
1	Ed Konefes	337
2	Bill Jackson	276

Jetst/ghost/Lil Dip
1	Hank Sperzel	268
2	Rudy Kluiber	241
3	Bill Reuter	197

Jr. HLG
1	John Mazzocco	78
2	Liza Mazzocco	77

Jr. Catapult
1	Liza Mazzocco	189
2	John Mazzocco	75

1/2A NosGas
1	Gene Wicks	462
2	Shel Myers	419
3	Bob Edelstein	330
4	Carl Rowland	306
5	Elvin Buchele	300

A Gas
1	Hank Sperzel	1050
2	Richard Covalt	890
3	Guy Scott	888
4	Bob Hanford	697
5	John Seymour	72

D Gas
1	Bob Hanford	349
2	Joe Mekina	240

CD Classic
1	Bob Mattes	600
2	Hank Sperzel	288
3	Bob Hanford	260
4	Elmer Jordan	88

F1H
1	Joe Mekina	569
2	Rudy Kluiber	539
3	Lee Campbell	530
4	Bill Reuter	313
5	Chuck Markos	283

HLG
1	Bill Reuter	233
2	Jon Reuter	219
3	Don Diggs	216
4	Bob Larsh	213
5	Rey Mazzocco	184
6	John Oliver	137
7	Jason Poti	93
8	John Seymour	62
9	JBM Griner	24

Jr. 1/2A Gas
1	John Mazzocco	120

C NosGas
1	Keith Fulmer	960
2	Gene Wicks	938
3	Richard Covalt	567

1/2A Zero
1	Bill Reuter	254

1/2A Gas
1	Bob Mattes	579
2	Norm Poti	470
3	Bob Hanford	428

Moffett
1	Ed Konefes	506
2	Chuck Markos	475

Nos Wake
1	R P Hanford	540
2	Paul Masterman	465
3	Roy Stewart	276
4	M.K. Chamerlain	120

P-30
1	Paul Masterman	313
2	Chuck Mrkos	308
3	Bill Jackson	227
4	Shel Myers	219
5	Roy Stewart	200
6	John Seymour	139
7	Ed Konefes	120

AB Classic
1	Brad Bane	1050
2	Jack Marsh	953
3	Bob Mattes	600
4	Bob Hanford	600
5	Gib Robbins	351
6	Bob Watson	120

Jr. P-30
1	Liza Mazzocco	338

Jr. 1/2A Classic
1	John Mazzocco	214

Nite Fly winners: Gas, Norm Poti Rubber, Don DeCook Towline Glider, Joe Mekina
HL Glider, Don Diggs Boomerang, Moe Whittemore.
Howlin Engines Inc. Perpetual 1/2A Gas, Bob Mattes
Bob Larsh Perpetual high time by Jr. or Sr. HLG, Jon Reuter

Thanks to contestants! Phil Sullivan Moe Whittemore and CIA

32nd Annual CIA Regional FF Championship (cont'd.)
Hi Point stuff – how they fared.....

Hi-Point Gas (Best 6 events):		Hi-point Glider (Best 4 of 6):		Hi-Point Rubber (Best 4 of 5):	
1. Bob Hanford	19.5 points	1. Rudy Kluiber	16 points	1. Paul Masterman	14 points
2. Bob Mattes	16.5	2. Joe Mekina	12	2. Ed Konefes	10
3. Brad Bane	16	3. Hank Sperzel	8	3. Chuck Markos	8
4. Gene Wicks	13	4. Bill Reuter	7	4. R.P. Hanford	5
5. Dick Covalt	11	5. Jon Reuter	6	5. Bill Jackson	5
6. Hank Sperzel	8	6. John Oliver	5	6. Don DeCook	3

P-30 knock off wing Silly Putty timer

By John Oldenkamp

From the October issue of the El Torbellino, *the newsletter of the San Diego Orbiteers MAC, Howard Haupt, editor. Note: the drawing have been reduced. For full size, enlarge to 180%.*

....The drawing...shows the top and side views, and is in the armed state. The front rubber band over the crank is omitted for clarity.

1. The bell crank is made from thin plastic, aluminum or plywood. Drill 1/32 holes for axle and lanyard attachment. To corner may need to be radiussed (*sic*) to clear pylon.

2. This is the 1/8" aluminum tube bellcrank mount. Sharpen and drill, fill with end grained balsa plus C/A glue. Drill hole for axle. File slot well past axle point. Glue into pylon, leaving clearance as shown..

3. Viscous timer as sold by Flitetech, FAI Model Supply, Peck Polymers of G. Sullivan.

4. Light pressure spring from FliteTech or old ballpoint pen.

5. Small diameter plastic cocktail straw runs through pylon.

6. Lanyard from non-kinking fishing leader or fine monofilament.

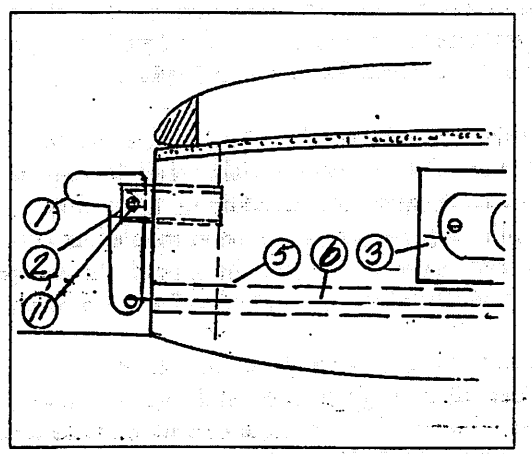
7. Closed loop turnaround from .015 or .020 wire.

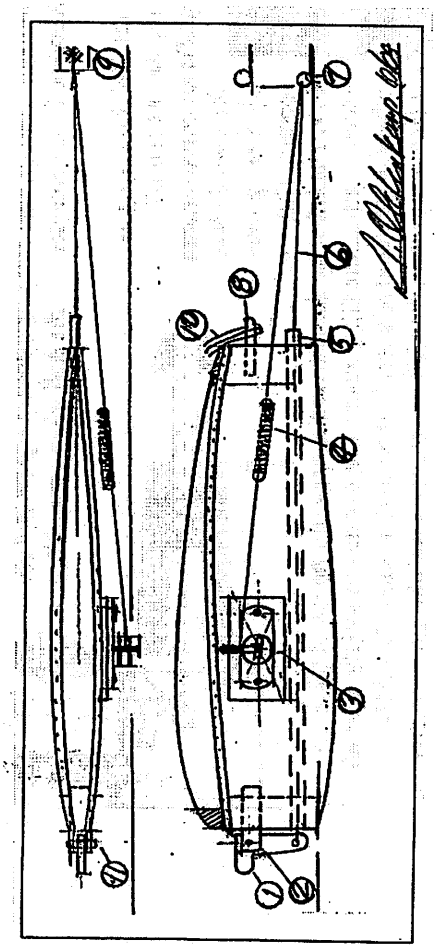
8. Rear peg made of bamboo or wire.

9. Glass fiber patch over wire turnaround.

10. Two #12 rubber bands tied end-to-end, or one #14 depending on the wing chord and/or string strength.

11. Bellcrank axle is #90 nylon bolt pin or paper clip.





Twice sized view of the system's main bits up front: note the slight upwards bevel in the bellcrank shank, the radiussed end of the upper arm, and the spatial relationship between the crank armpit and the top of the wing/platform. Crank should rotate at least 100° to 120° so holddown band releases easily with an audible "snap." Lanyard material can also be tied off or secured with short pieces of 1/16" I.D. aluminum tubing crimped in place. The system should not hac any excess friction. ###

2nd Annual CIA/FAC Ted Dock Memorial Contest Results

19 contestants; 196 Official flights!

FAC Old Time Rubber

1.	S Cummins	360	MsCanada
2.	E Konefes	355	—
3.	L Campbell	348	Sprky/MsCan

FAC Embryo Endurance

1.	S Cummins	369	Debut
2.	P Cox	329	Swallow
3.	D DeCook	296	PrarieBird

FAC Rubber Scale

1.	C Starleaf	142	SvMarch
2.	J Miller	135	CurWetWot
3.	P Cox	134	KinnerFlTmr

FAC Jumbo/Giant Scale

1.	C Starleaf	159	DHDash8
2.	S Weckerly	132	Found-100
3.	P Cox	117	AeroncaK

FAC Golden Age

1.	S Cummins	266	Taylorcraft
2.	P Cox	174	—
3.	E Konefes	108	Stinson

FAC WWI Combat

1.	C Starleaf	-	FokkerD7
2.	J Miller	-	GrainKitten
3.	S Weckerly	-	FokkerD7

AMA P-30 (SO)

1.	L Campbell	335	Souper30
2.	E Konefes	261	—
3.	P Cox	137	—

AMA Catapult Glider (SO)

1.	R Schlarb	322	-
2.	B Schlarb	232	-
3.	G Scott	195	-

FAC OT Rubber Stick

1.	D DeCook	343	Gollywock
2.	S Weckerly	330	Gollywock
3.	R Stewart	278	—

FAC Jimmie Allen

1.	S Cummins	193	BACabin
2.	R Teichert	146	BACabin
3.	D DeAngelo	113	BAParasol

FAC Peanut Scale

1.	J Miller	116	'11VsnH'dpln
2.	P Cox	115	LaceyM10
3.	S Weckerly	114	Caudron

FAC Dime Scale

1.	S Weckerly	279	Martin MO1
2.	P Cox	231	CessnaAW
3.	J Miller	231	MartinMO1

FAC NoCal Scale

1.	J Miller	240	Lacey
2.	P Cox	210	HelioStallion
3.	E Buchele	150	KeithRider

FAC WWII Combat

1.	P Murray	-	Avenger
2.	E Buchele	-	P-51
3.	S Weckerly	-	Judy

AMA OHLG (SO)

1.	B Schlarb	182	—
2.	E Buchele	127	—
3.	L Campbell	69	—

FAC Jet Catapult

1.	E Buchele	68	A6Intruder
2.	L Campbell	35	F84-F
3.	JBM Griner	32	SaabViggen

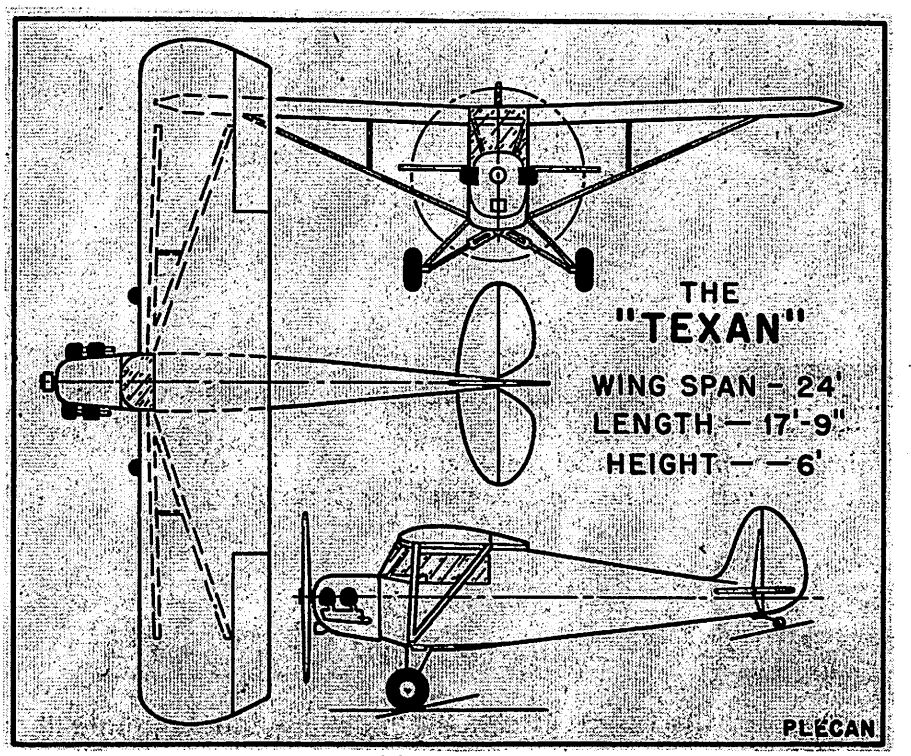
FAC Greve Race

1.	S Weckerly	-	MrSmoothie

FAC Thompson Race

1.	C Starleaf	-	CessnaCR3

Many thanks to the Dock family for their support! And kudos to workers Judy Kinder, Meredith Chamberlain, Lee Campbell, Phil Sullivan, Roy Stewart, and Phil and Norris Cox – who helped plan, operate and close out the show! Next year, we plan to fly the same events – with the addition of the FAC Power Scale event!



The **INFORMER**

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