CENTRAL INDIANA AEROMODELLERS

INFORMER

FREE FLIGHT NEWS OF THE MIDWEST

** The Weather **
"Chinook" Wind
(Indian for 'snow eater')

- Editor -
Moe Whittemore
2348S, 700W
New Palestine
IN 46163

Issue # 4/95 July /August Price $7.50/yr.

CT90 Bikes Zapped by Technology! - by R. Covalt

If you are having trouble starting your Honda Trail 90 and maybe have some "missing out" at high rpm's, you have probably changed the spark plug in the last 10 years and have been **ZAPPED BY TECHNOLOGY!**

The spark plug in my '74 Trail 90 was changed for the first time in 1988, and the bike has had starting and missing out problems ever since! The straw that broke the camel's back was the failure of the bike to start at the '95 Nats on Wednesday, ruining my concentration on C Gas. After hitting a tree about sixty ft. up and missing my sixth max by 12 seconds, I spent that afternoon and evening troubleshooting the bike, rather than testing aircraft.

To my chagrin it was found that the ignition system would fire a 3/16" gap to the engine block through a screwdriver inserted in the sparkplug boot, but would not fire the used NGK DR8HS sparkplug with an .024 gap! So, after a fast trip to the auto parts store to find the closest equivalent to the recommended plug -- Horrors! The new plug would not fire either!

A little research found that the original Trail 90 plug (NGK D8HS) is not generally available (maybe not available --period!). The replacement (NGK DR8HS) is a resistor plug with about 5000 ohms resistance in the center electrode. Note: If there is an "R" anywhere in a sparkplug type number, it is a resistor plug, although lack of an "R" does not necessarily mean it is a non-resistor plug. The only way to be sure (if you're not familiar with the manufacturer's numbering system) is to measure the resistance of the center electrode. Measure with an ohmmeter from the high voltage wire connection at the top of the plug to the center electrode at the spark gap.

Resistor plugs typically have a resistance element of 5-7000 ohms, assembled in the center electrode and have commonly been used in automobile ignition systems for about 25 years. The resistor limits the peak current flowing across the spark gap, thereby reducing radio frequency (RF) noise. You might have experienced ignition RF noise as static that used to be so common in auto radios. Surprisingly, in Canada it is illegal to sell a non-resistor plug. This probably makes them more difficult to find in the US today.



Ignition experts readily admit that resistor plugs do not typically work well on some earlier motorcycles. To date, my experts cannot explain the exact reason, except to say those ignition systems on older motorcycles are "marginal". I suspect the exceedingly long "high tension" lead from the coil, nestled up under the seat in the Trail 90 frame, may be the main reason in this case. Long high voltage leads have large capacitive losses; no doubt there has been degradation in the insulation after 21 years of use.

(cont'd p. 2)



WC Results in a Nutshell ....

Here's how we did in the recent World Championships over in Domsod, Hungary:

F1A

```
 1 - R. Holzleitner (AUT) 1260 + 300 + 297
 2 - M. Holmbom     (SWE)  "      "  + 286
 3 - S. Rumpp       (GER)  "      "  + 280
13 - M. Gewain      (USA)  "      "  + 174
59 - A. Barron      (USA) 1193
90 - R. Weiler      (USA) 1122
```

F1A Team: 1-RUS, 2-AUT, 3-ROM, 20-USA.

F1B

```
 1 - J. Fitch    (USA) 1260 + 300 + 420 + 479
 2 - A. Khrebtov (RUS)  "      "     "  + 446
 3 - I. Vivchak  (UKR)  "      "     "  + 442
25 - L. Joyner   (USA)  "   + 234
65 - D. Tracy    (USA) 1201
```

F1B Team: 1-NED, 2-HUN, 3-RUS, 6-USA.

F1C

```
 1 - B. Boutillier (FRA) 1320 + 300 + 420 + 540 + 469
 2 - X. Wang       (CHN)  "      "     "     "  + 468
 3 - G. Morris     (USA)  "      "     "     "  + 466
 4 - R. Archer     (WCH)  "      "     "     "  + 456
15 - M. Achterberg (USA)  "      "  + 376
17 - R. Simpson    (USA)  "      "  + 346
```

F1C Team: 1-USA, 2-POL, 3-CHN.

Say Hi! .... to new Agents **Todd Gunder** of Culver IN, and **Dan DeAuguld,** from Dayton OH.

.... and a New Address for Kit-Man and Agent **Lee Campbell:** Campbell's Custom Kits, 7233 Signature Lane, San Antonio TX 78263. Ph (210) 649-3980.

(ZAPPED! .... cont'd)

The trick is to find an available non-resistor spark plug that will fit and has an acceptable heat range for motorcycles. AC lists a non-resistor plug (S122F -- but it is not made by AC) for the CT90 as does Champion. I opted to go with the Champion, hoping a non-resistor motorcycle plug would be more readily available from a US manufacturer specializing in replacement parts. A Champion P8Y (Stock #888) may be ordered from some, but not all, auto parts stores. You probably will not find them in stock anywhere, and may have to order in a package quantity of eight. The cost will be slightly under three bucks each.

Try one. You will love it! Make sure to get at least three when you order. One for your bike, one to tune up your bike in 2005, and one for your dumb-ass buddy that doesn't read the CIA Informer! - RC

Norm Poti's Nibble 300 .... (by J. Haught)

This model was derived from Norm's Niblite 584, which has claimed just about everything there is in Class B. Its development was slowed as Norm worked on various Niblites and F1C's. But once he completed the model, it was an instant success.

In it's first contest Nibble set a Cat. III 1/2A record, beating Terry Thorkildsen's long-standing mark of 19:00. This while the engine was sub-par, and the model wasn't really trimmed yet!

The CS .049 really "came on" when Norm trimmed his usual Poti's Hangar prop down to 5 1/4 inches diameter per an Ed Keck suggestion. The rpm went 'way up, as did the climb acceleration. I would estimate the model gets 30% higher than it did previously; it is now a truly outstanding airplane. I have abandoned plans to develop my own 300-square-inch F1J, and I'm going to build this model for next season!

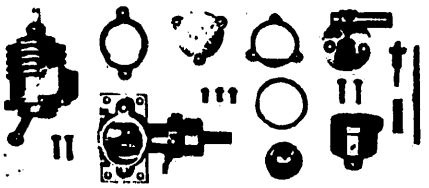
Look for a construction article on Nibble in a future issue of Model Aviation. - J.H.

BOY! WHAT A SCOOP! $3.95 Postpaid

A Class 'B' MOTOR for

Knocked down with Plan and Instructions

MOTOR CAN BE ASSEMBLED and READY TO RUN IN 10 MINUTES



LAPPED PISTON & CYLINDER

COUNTER BALANCED CRANKSHAFT Fully Machined

COMMUTATOR TYPE TIMER (No points to adjust)

Entire motor made of Aluminum alloy for lightness and strength

Champion Spark Plug **All for $3.95**

This motor is designed thruout to give the maximum performance. Test motor was run 200 hours continuously without changing anything but the spark plug.

Be the first to have this record breaker. This is the best buy of the year. Send for it now, IMMEDIATE DELIVERY.

Send 5c for complete catalog of Motors—Balsa strips, cement, paper and hundreds of die cast items.

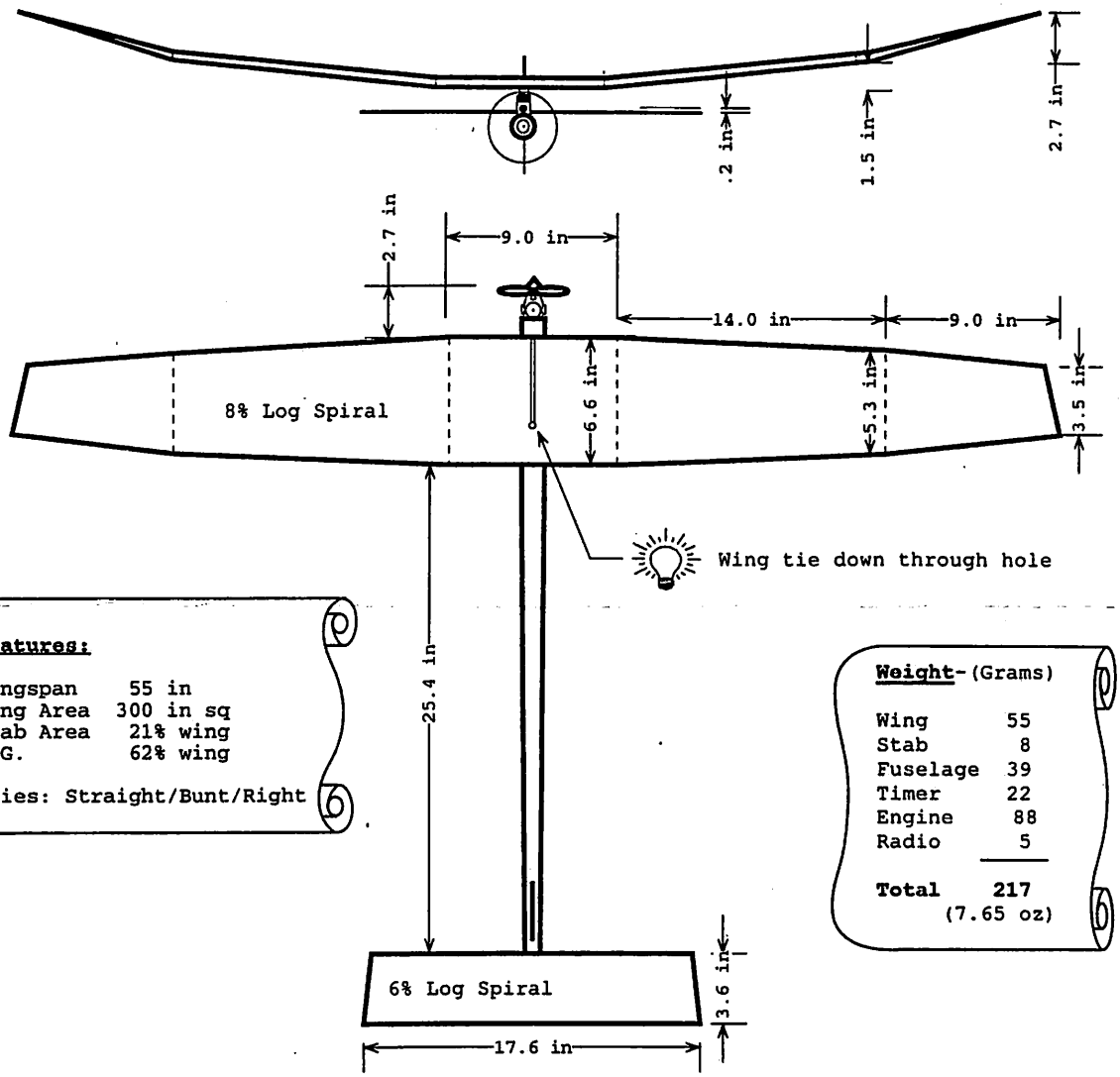
SELLEY MFG. CO., Inc. Dept. 401

1377 Gates Avenue, Brooklyn, N. Y.

NIBBLE "300"

F1J and 1/2 A Gas
Designed: Norman D. Poti
Date: Jan 1995

Cat III 1/2 A Gas
19:31
4 June 95
National Record



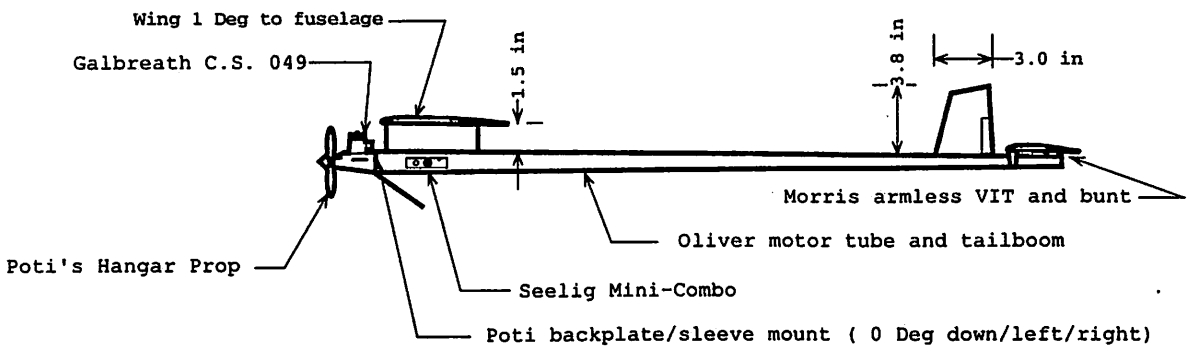
Features:

Wingspan	55 in
Wing Area	300 in sq
Stab Area	21% wing
C.G.	62% wing

Flies: Straight/Bunt/Right

Weight-(Grams)

Wing	55
Stab	8
Fuselage	39
Timer	22
Engine	88
Radio	5
Total	**217**
	(7.65 oz)



"TALLY SHEET" - Results of C.I.A. O.T. & Nos Gas Annual of July 22/23, 1995

.020 REPLICA (19)

1.	E. Jordan	?	360
2.	D. Boyer	Kerswap	308
3.	B. Hale	Intercepter	307
4.	A. Italiano	Playboy, Sr.	293
5.	G. Bowers	Kerswap	259
6.	L. Hallgarth	Ranger	243
7.	J. Atkinson	Strato Streak	189
8.	C. Mortimer	Strato Streak	173
9.	S. Myers	?	147
10.	J. Greene	?	83
11.	F. Heeb	?	54
12.	T. Jones	Kerswap	51

H.Murphy, B.Goodnow, P.Skelly, B.Barr, D.Harshman, R.Hopkins, R.Rikel.

EARLY 1/2A NOS GAS (15)

1.	G. Bowers	Zeek/OK Cub	480
2.	B. Edelstein	Kiwi/OK Cub	279
3.	B. Hale	Zeek/OK Cub	255
4.	K. Fulmer	Ram Rod/OK Cub	240
5.	G. Nolin	Smarty/ ?	194
6.	B. Barr	Wild Goose/Cub	181
7.	S. Myers	Zeek/OK Cub	173
8.	R. Hopkins	?	107

H.Murphy, B.Goodnow, L.Hallgarth, D.DeCook, T.Dock, J.Haught, R.Rikel.

BC NOS GAS (6)

1.	G. Bowers	T-Bird/K&B 23	332
2.	B. Goodnow	Eureka/K&B 29	309
3.	R. Rikel	Be-Jabbers/Fox	264
4.	B. Edelstein	Spacer/Johnson	244

H.Murphy, B.Larsh.

O.T. HLG (6)

1.	J. Dock	Vartanian	274
2.	Z. Dock	?	262
3.	B. Larsh	Hugelot	165
4.	C. Mortimer	Obarski	116
5.	B. Barr	Vartanian	75

L. Hallgarth.

Jimmie Allen (5)

1.	F. Heeb	Skyraider	295
2.	T. Dock	Racer	141
3.	B. Edelstein	B.A.O. Spl.	139

B.Hale, R.Hopkins.

SMALL RUBBER STICK (5)

1.	J. Williams	Casano	780
2.	O. Stewart	Casano	484
3.	F. Heeb	Gollywock	360
4.	T. Bieber	Stratometer	216

G. Nolin.

CD's - Meredith Chamberlain
Gilbert Robbins
Steve Frazier

1/2A NOS GAS (14)

1.	B. Barr	Hot Shot/Bk. Wid	600
2.	K. Fulmer	Ram Rod/Cox Med.	443
3.	J. Haught	Ram Rod/Hornet	429
3.	L. Hallgarth	T-Bird/Hornet	429
5.	H. Murphy	Zeek 240/Hornet	348
6.	G. Bowers	T-Bird/Hornet	324
7.	S. Myers	Zero/Cox	305
8.	T. Jones	Spacer/Hornet	291
9.	B. Edelstein	Spacer/Hornet	218
10.	B. Hale	T-Bird/Hornet	169
11.	R. Rikel	Zero/Fox .049	102
12.	J. Greene	Green Hornet/Cox	97

D.Harshman, R.Hopkins

A NOS GAS (10)

1.	B. Edelstein	Hi-Fli/OS 19	400
2.	S. Myers	Spacer/Hornet	314
3.	L. Hallgarth	T-Bird/Hornet	275
4.	R. Rikel	Ram Rod/Fox 15	224
5.	B. Goodnow	Y-Bar/OS 09	215
6.	E. Jordan	?	172

B.Hale, H.Murphy, K.Fulmer, G.Bowers.

NOS GAS IGN. (3)

1.	H. Murphy	Phoenix/Arden 19	309
2.	B. Hale	Phoenix/O&R 29	120

G.Bowers.

LARGE RUBBER STICK (3)

1.	J. Williams	Smith	1328
2.	O. Stewart	Lanzo	1297

T.Carrara

AB O.T. FUSELAGE (8)

1.	B. Hale	So Long/Arden 19	342
2.	D. Harshman	Dodger/Torp 29	330
3.	B. Edelstein	So Long/O&R 23	214
4.	T. Dock	Rocketeer/For.29	195
5.	T. Bieber	So Long/ ?	73

H.Murphy, G.Bowers, R.Rikel.

C O.T. GAS (9)

1.	W.Weisenbach	Zipper/Fors. 35	329
2.	D. Harshman	Hep Cat/M'well	304
3.	B.Edelstein	Alert/Forster	296
4.	T. Bieber	Anzac/ ?	250

D.Patton, G.Bowers, H.Murphy, S.Myers, T.Dock.

1/4A NOS GAS (13)

1.	J. Haught	Ram Rod 150	405
2.	L. Hallgarth	T-Bird 80%	335
3.	B. Barr	Zero	298
4.	R. Rikel	Zero	297
5.	B. Edelstein	Twister	276
6.	T. Jones	Y-Bar	263
7.	R. Hopkins	?	240
8.	K. Fulmer	Ram Rod	119

H.Murphy, G.Bowers, B.Goodnow, S.Myers, C. Mortimer.

C.I.A. O.T. & NOS GAS MEET Continued

O.T. RUBBER FUSELAGE (6)

1. D. DeCook	Cahill	575
2. F. Heeb	Blunderbus	353
3. D. DeAngelo	?	234
4. B. Barr	Pacific Ace	156

1/2A FF ANTIQUE GAS (3)

1. H. Murphy	Powerhouse 45"	285
2. B Hale	Powerhouse 45"	251
3. G. Bowers	Powerhouse 45"	194

AB O.T. PYLON (10)

1. D. Harshman	Zipper/Torp	415
2. H. Murphy	Zipper/O&R 33	330
3. T. Bieber	Alert/ ?	325
4. G. Bowers	Alert/O&R 19 SP	253
5. B. Edelstein	Intercepter/Ard	240
6. W. Weisenbach	Zipper/Forst.29	237
7. T. Dock	Kerswap/Hornet	66

B.Hale, B.Larsh, L.Hallgarth.

Items: A little breezy, but lotsa flying. Saw my first models of an ANZAC and BE-JABBERS - Neato! We were light on rubber flyers this year for some reason. It wasn't because we didn't have enuff events. See those question marks up there in the "box scores" - that means that cards were incomplete or the guy took it home with him and didn't turn it in. For Shame! Well, you know who you are and whose fault it is if the above data is incomplete - Ha! Thanks to all who helped this blind man chase his models on Saturday. I noticed no one offered on Sunday after I won a couple of events on Saturday. (I could have used some help to get this typed, too - Ha!) See ya downwind!

COFFC CONTEST "BOX SCORE of June 3/4, 1995

MULVIHILL

1. J. Williams	1546
2. O. Stewart	1498
3. E. Konefes	928
4. W. Mumper	540
5. E. Hardin	120

PEE-WEE 30

1. B. Barr	2126
2. S. Myers	1880
3. E. Jordan	1626

CD AMA GAS

1. B. Coverdill	323

A O.T. PYLON/FUSELAGE

1. D. Boyer	352
2. D. Harshman	334
3. E. Jordan	282
4. E. Konefes	209
5. L. Hallgarth	120

1/4A NOS/.020 REPLICA

1. C. Mortimer	360
2. S. Myers	345
3. B. Burgess	338
4. D. Harshman	314
5. B. Barr	311

OHLG - (open)

1. J. Mekina	155
2. M. Roberts	145
3. P. Sullivan	141
4. B. Barr	38

.010 GAS

1. B. Barr	191
2. L. Hallgarth	190

1/2A NOSTALGIA

1. Keith Fulmer	480
2. Gene Wicks	327
3. Les Hallgarth	316
4. W. Weisenbach	272
5. Shel Meyers	249

BC O.T. GAS

1. Dan Harshman	316
2. Ed Konefes	304
3. Dick Patton	214

F1J GAS

1. Bob Perkins	536

H.H. CATAPULT - Open

1. Joe Mekina	210
2. Paul Wicks	195
3. Ed Hardin	169
4. Phil Sullivan	166
5. Norm Poti	163

P-30/COUPE - Open

1. Bill Barr	310
2. Francis Sibley	284
3. Roger Lane	284
4. Walley Mumper	235
5. Vicky Wicks	234

O.T. Stick/Fuselage-LG

1. Herb Kothe	704
2. Ed Konefes	573
3. Joe Williams	504
4. O.C. Stewart	502

Junior Hi-Point: D. Vest

* AMA Record (Cat III)

CD - Lary Willis & Family

AB AMA GAS

1. R. Covalt	706
2. G. Scott	480
3. D. Diggs	360
4. B. Burgess	208

JIMMIE ALLEN

1. R. Lane	168
2. B. Barnett	108
3. D. Barnett	42

ABC NOSTALGIA

1. S. Myers	300

O.T. Stick/Fuselage-SM

1. H. Kothe	534
2. E. Konefes	501
3. D. Diggs	353
4. D. Barnett	129
5. B. Barnett	94

1/2A AMA GAS

*1. N. Poti	1171
2. G. Robbins	600
3. K. Fulmer	471
4. E. Hardin	380
5. D. Diggs	229

OHLG - (Junior)

1. D. Vest	122
2. K. Barnett	71
3. J. Poti	18

H.H. CATAPULT - JR.

1. D. Vest	174
2. K. Barnett	72

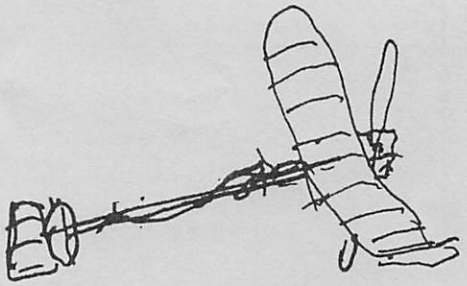
P-30/COUPE - JR.

1. J. Fordeck	262

Site - AMA Field, Muncie, IN

ASTRAL MOE'S F.F. HOROSCOPE





ARIES (Mar 21-Apr 19). A relationship that you entered into for bettering your score may no longer be necessary. Your actions could cause a highly emotional response. You can expect to receive more 2nds & 3rds.

TAURUS (Apr 20-May 20). Make sure you have a good reason for changing your incidence. There are plenty of incentives to do a good job other than recent embarassments. You need to deal with conflicting values.

GEMINI (May 21-Jun 21). You're able to find a way to express your unspoken feelings. Let your foot be your guide. Each challenge you face better prepares you for the next stomp.

CANCER (Jun 22-Jul 22). You'll make a decision today that brings you a step closer to a max. This is the time to draw on your untapped stash of Tan II. You need to establish good commumication with timers.

LEO (Jul 23-Aug 22). A new stabilizer does wonders for your self-esteem. Your fears and anxiety give way to feelings of confidence. It's easier to define your power pattern.

VIRGO (Aug 23-Sep 22). You can't solve problems by avoiding them. Try to add an FAI activity to your regular routine. The pace of your growth depends on how wisely you invest your money.

..... and so it goes .....

Agent **John Adams** recently ran a weight-of-covering test comparing clear Super Monokote with doped silk. The test frame was a Valkyrie stab - about 453 sq.in. of area.

The Monokote was applied to the left panel, lower camber. The weight increase was 8.1 grams, meaning an area density of **5.15g/sq.ft.**

The right panel, lower camber was doped twice (1st coat, full strength nitrate; 2nd coat 80%) at the leading edge, trailing edge, tip and bottom surfaces of all 12 u'cambered ribs, sanding after each coat. This weight increase was 1.3g. 0.35 oz/sq.yd. silk was then applied with 50% nitrate, yielding an additional 2.0g of weight. Finally, 5 coats of 70% dope was applied to the silk, sanding lightly between the 3 middle coats.

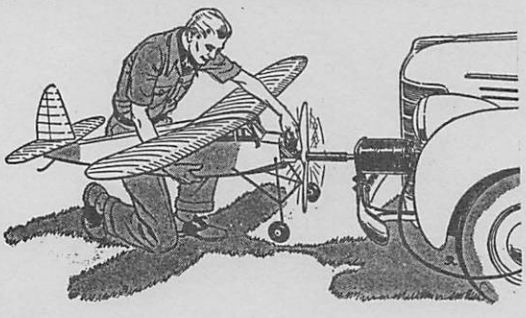
A weight increase of 4.0g was logged, bringing the total to 7.3g, or **4.64g/sq.ft**, edging out the monokote by about 11%.

On the facing page we have a 3-view for **Lee Campbell's** new HLG offering, **"Middle Piglet".** (Jim Haught already has a slick variation on this theme using a polyhedral wing. A great flyer).

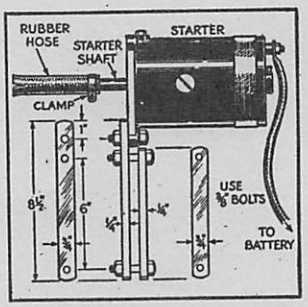
Lee sez - make the tail feathers of c-grain balsa. Thinner, harder material is better than fat, soft stuff. Adjustments should be permanent - crack and glue, or use copper wires to hold adjustments.

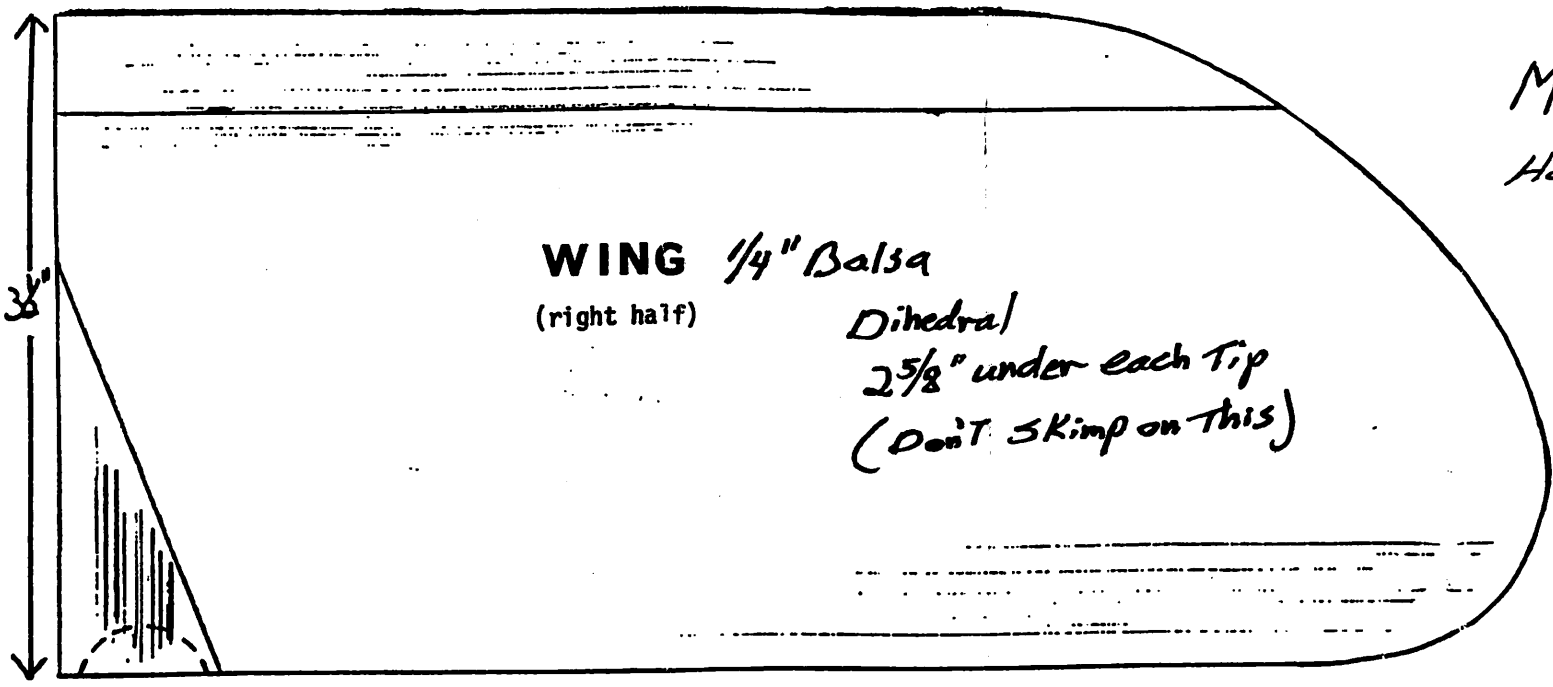
Lee also offers the observation that many people do not throw in the same direction that the model is aimed! This is not efficient, and will cause dramatic loss of altitude (not to mention sheared-off wings & stabs!).

Sounds like a great subject for the NFFS. A HLG techniques video - including slo-motion studies of the people who consistently throw properly.



(CIRCA 1938)





Middle Piglet

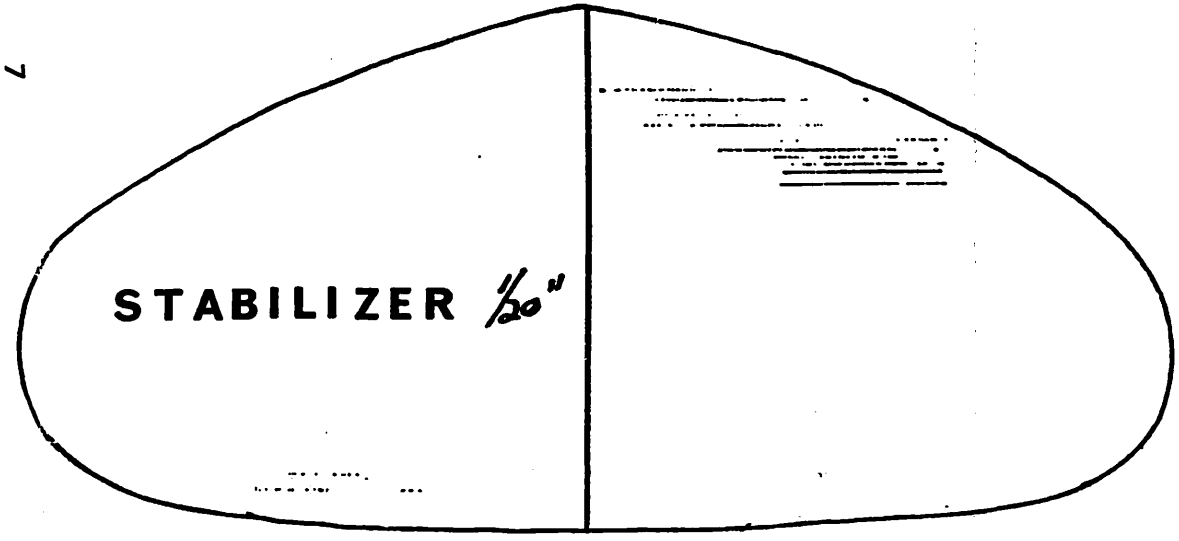
Hand Launced Glider

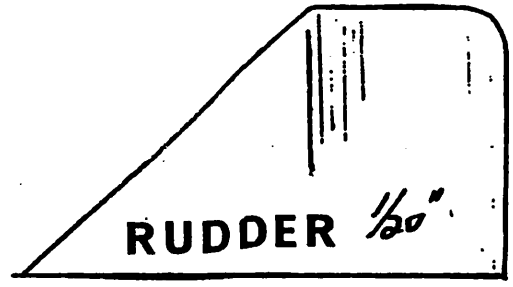
Dihedral
2 5/8" under each Tip
(Don't Skimp on this)

Trim: Slight Left
Stab Tilt + Slight
Left Rudder

Stab warps (from Rear) Rt - up
Left - Down

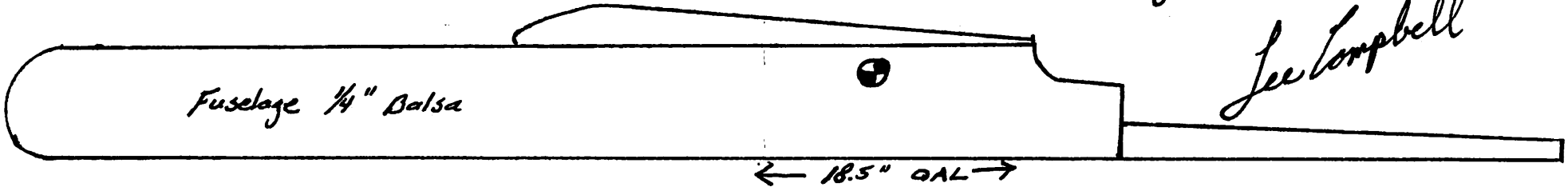
Weight Goal 24-32 Grams





use a dethermalizer!
we prefer the swinging weight!

Lee Campbell



Northern Ohio Free Flight Association

Summer Contest Results For
August 5-6, 1995
At WPAFB Dayton, Ohio

Weather : Saturday Rain ; Sunday Nice

PeeWee-30

1.	Elmer Jordan	311
2.	Jim Haught	235
3.	Bill Barr	130

ABC O.T. Pylon

1.	Dan Harshman	358
2.	Harry Murphy	343
3.	Gene Bowers	327
4.	Bob Edeistein	321

ABC Nostalgia Gas

1.	Gene Bowers	328
2.	Elmer Jordan	318
3.	Bob Edeistein	315
4.	Les Hallgarth	310
5.	Jacob Noble	263
6.	Bob Placier	120

.020 O.T./Nostalgia Gas

1.	Elmer Jordan	290
2.	Tom Jones	283
3.	Bob Edeistein	282
4.	Bill Reuter	253
5.	Gene Bowers	228
6.	Dan Harshman	219
7.	Floyd Miller	209
8.	Les Hallgarth	196

ABC O.T. Fuselage

1.	Bob Edeistein	346
2.	Dan Harshman	71

C-D Gas

1.	Norm Poti	463
2.	Andy George	360
3.	Bob Edeistein	268

Hand Launch Glider

1.	Tom Jones	259
2.	Norm Poti	241
3.	Joe Mekina	224
4.	Bill Reuter	136

1/2A Nostalgia Gas

1.	Gene Bowers	360
2.	Les Hallgarth	323
3.	Norm Poti	294
4.	Elmer Jordan	257
5.	Dan Harshman	257
6.	Bob Placier	189

Hand Launch Glider Jr

1.	Jon Reuter	100
2.	Jason Poti	27
3.	Cris Mekina	22

AMA Power Jr/Sr

1.	Billy Reuter	131
2.	Jon Reuter	48
3.	Jason Poti	41

O.T. Rubber Stick

1.	Frank Heeb	240

A-B Gas

1.	Norm Poti	750
2.	Bob Perkins	583
3.	Bill Barr	343

1/2A Gas

1.	Norm Poti	360
2.	Bob Placier	296
3.	Bill Reuter	168
4.	Floyd Miller	9

Hand Held Catapult Glider

1.	Norm Poti	290
2.	Charlie Jones	271
3.	Joe Mekina	254
4.	Shel Myers	186
5.	Tom Jones	167
6.	Bill Reuter	40

Rubber Jr

1.	Jon Reuter	69
2.	Billy Reuter	64
3.	Jason Poti	62
4.	Mike Wise	53

Hand Held Catapult Glider Sr

1.	Beth Mekina	195
2.	Billy Reuter	160
3.	Mike Wise	130

High Point Winner

Norm Poti

* No Saturday night events were flown due to the rain

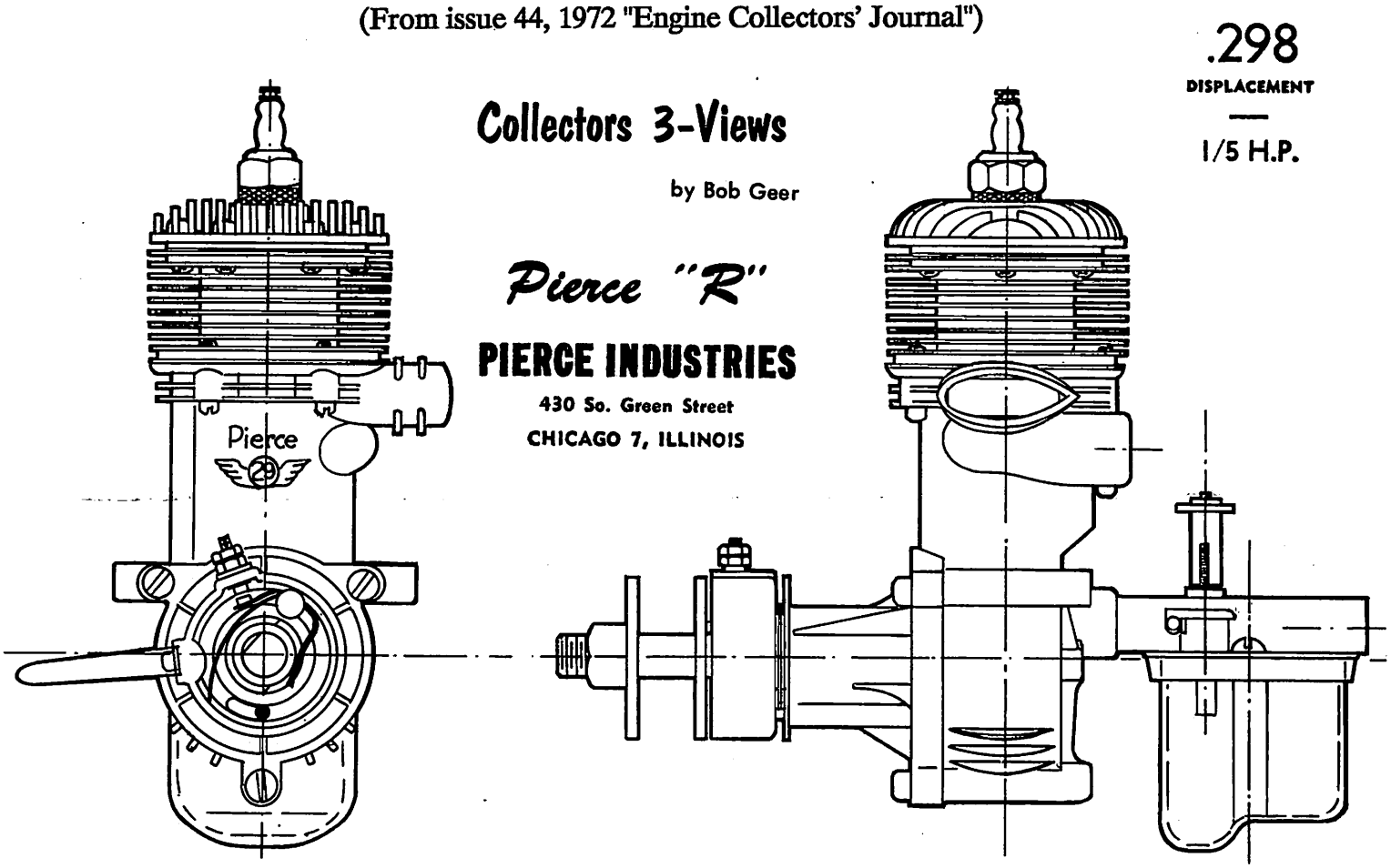
MITCH POST SUCCUMBS TO CANCER

It is with great sadness that we received the news ofthe passing of Mitch Post on Thursday, August 17. Mitch had fought the dreaded cancer desease for somtime and his physcians believed they had it tamed for a while, but it was not to be.

He was a favorite of all who knew him and shall be sorely missed at area Old Timer affairs in the future. However, although absent in form, he shall be ever-present in spirit. Our sympathies go out to his family and friends of the Chicago area.

..... "every engine designer knows that he can increase the speed of his engine by enlarging the ports. He also knows that the difficulty of starting the motor generally grows with the size of the port openings. Now, an airplane engine need not run above 2500 rpm, but it *must* start easily, so we shall keep our ports down to a moderate size and not worry about the extra speed, which we shall not need" ..... (from the Model Craftsman, about 1936.)

(From issue 44, 1972 "Engine Collectors' Journal")



A New F.F. Timer .... Hank Nystrom has recently released a new 2-function (engine & DT) timer. The Texas Max III can be preset to DT time limits up to 3 minutes; the Max I to 5 minutes. Either unit allows totally independent, adjustable engine run times, but both units require the use of a separate engine cut-off device (such as the Texas Remote Pinchoff).

Both timers use the predictable start trip wire, but these new units sport a latch to ensure that the wire won't shake loose with engine vibration.

The Max timers weigh in at 19g, only a few grams over the single-function units. Price for either the Max I or Max III is $28.00. The remote pinchoff is $6.00. Texas Timers, 3317 Pine Timbers Drive, Johnson City, TN 37604. (615) 282-6423.

AIRPLANE MOVIES!

Club aviation historian, G. C.Speedy, sez this originated in a "SKYWAYS rag w/ credits going to a Fred Freeman. The listing names old movies from 1927-1949 which are akin to aviation of days gone bye. Many are familiar to me, and while some of the plots may be a bit corny to todays standards, the airplanes and associated scenes are classics.

"Speed" sez he is putting together a "post-'49" list, so while we are waiting it, here's Freddy's work:

1927-1949, that have been aired on TV or are available on cassette. Can anyone add additional titles?

"Ace of Aces" 1933, "A Guy Named Joe" 1943, "Air Force" 1943, "Air Mail" 1932, "Army Surgeon" 1942, "A Yank in the RAF" 1941, "Bamboo Blonde" 1946, "Bombardier" 1943, "The Bride Came C.O.D." 1941.

"Captains of the Clouds" 1942, "Captured" 1933, "Ceiling Zero" 1935, "Central Airport" 1934, "China Clipper" 1936, "Christopher Strong" 1933, "Clouds Over Europe" 1939, "Conquest of the Air" 1936, "Crack-up" 1936.

"Dangerous Moonlight" 1941, "Daredevils of the Clouds" 1948, "Dawn Patrol" 1930, "Dawn Patrol" 1938, "Desperate Journey" 1942, "Devil Dogs of the Air" 1935, "Dirigible" 1931, "Dive Bomber" 1941.

"The Eagle and the Hawk" 1933, "Fighter Squadron" 1948, "Five Came Back" 1939, "Flight Angels" 1940, "Flight Command" 1940, "Flight For Freedom" 1943, "Flight From Glory" 1937, "Flight Lieutenant" 1942, "Flying Devils" 1934, "Flying Down to Rio" 1933, "Flying Fortress" 1942, "The Flying Irishman" 1939, "Flying Tigers" 1942 CZ, "Flying Wild" 1941, "Fugitive in the Sky" 1937.

"Gallant Journey" 1946, "God Is My Co-pilot" 1945, "Go Getter" 1937, "Going Wild" 1930, "Hell Below" 1933, "Hell Divers" 1931, "Hell's Angels" 1930 b&w, "Hell's Angels" 1930 with color, "High Barbaree" 1947, "I Am Still Alive" 1940, "Immortal Sergeant" 1943, "It's in the Air" 1935, "I Wanted Wings" 1941, "Just Imagine" 1930.

"Keep 'em Flying" 1941, "Ladies Courageous" 1944, "Look Who's Laughing" 1941, "The Lost Squadron" 1932, "Madam Satan" 1930, "The Man Who Found Himself" 1937, "Marines Fly High" 1940, "Men Against the Sky" 1940, "Men Must Fight" 1933, "Men With Wings" 1938, "Murder in the Air" 1940, "Murder in the Clouds" 1934, "Murder Over New York" 1940.

"One of Our Aircraft Is Missing" 1942, "Only Angels Have Wings" 1939, "Parachute Battalion" 1941, "Parachute Jumper" 1934, "Pilot No. 5" 1943, "The Purple Heart" 1944,

"Riding On Air" 1937, "Secret Service of the Air" 1939, "Ships With Wings" 1942, "Sky Giant" 1938, "Sky Murder" 1940, "Spitfire" 1942, "Suzy" 1936, "Swing Shift Maisie" 1943, "Tail Spin" 1939, "Task Force" 1949, "Test Pilot" 1938, "Thirty Seconds Over Tokyo" 1944 CZ, "Things To Come" 1936, "Thunder Birds" 1942, "Today We Live" 1933, "Too Hot To Handle" 1938, "Twelve O'Clock High" 1949.

"Up Goes Maisie" 1946, "War Nurse" 1930, "Way to the Stars" 1945, "West Point of the Air" 1935, "We've Never Been Licked" 1943, "Wings" 1927, "Wing and A Prayer" 1944, "Wings and the Woman" 1942, "Wings Over the Pacific" 1943, "Wings of the Navy" 1939, "Women in the Wind" 1939.

Oft-times some of these old films may show up as middle of-the-night fillers on TV. A VCR will bring them to life.

THANKS, FOLKS!

I wish to thank everyone for the visits, cards and letters, phone calls, and well wishes in regard to my recent medical setback. It seems these episodes are occurring a little too often here lately. However, I feel pretty normal at this writing except my vision is impaired and not improving any of late. I can see well enuff to drive, but up close and personal is a problem. (Anyone need a timer? Ha!)

Anyhow, 'tis great to know one has so many friends about and their well wishes are most appreciated. Bless you all! See ya downwind! Harry Murphy

1996 AREA CONTEST CALENDAR

Our Contest Calendar for the summer of '96 may be a bit scrambled from the past traditional sequence we have grown to expect. The reasons are that the SAM CHAMPS and AMA NATS are both scheduled at the Muncie site for July and August (in reverse order). Thus, some area meets will have to move their dates to make the necessary space for the big affairs. Such is life.

For instance, the FF NATS is etched in stone for Sunday, July 21 thru Thursday the 25th. This definately pops our CIA O.T. & Nos Gas meet out of our third-weekend-in-July slot. The SAM CHAMPS-in-August may affect one-or-both of the normal WPAFB affairs which normally are held in this time-span. We shall be circulating a preliminary listing of contest dates in October to the various contest sponsors to enable nailing a viable schedule to the bulletin board. Anyone having info we should know about in this regard should contact H.S.Murphy, 3824 Oakwood Blvd., Anderson, IN 46011 (317) 642-7377 ASAP. We have to complete this chore as early as possible since confirmations must clear the "other activities filters" at Muncie, WPAFB, and like places. We do it all for you! HSM

ENGINE REVIEW

$29 FACTORY DIRECT !

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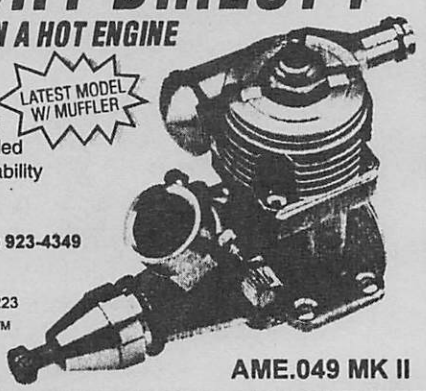
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MID-AMERICA F. F. CHAMPS !

MID-AMERICA AIR CENTER

LAWRENCEVILLE, ILL AMA SANCTIONED SPONSORED BY TRI COUNTY AERO CLUB
OCTOBER 7 AND 8 1995 SATURDAY OCT. 7 9:00 AM -5:30 PM
PRACTICE/TESTING FRIDAY OCT. 6 SUNDAY OCT. 8 8:00 AM -4:30 PM

ENTRY FEE $10 1ST EVENT--$3 ALL OTHERS JUNIORS $2 PER EVENT

SATURDAY-OCT. 7

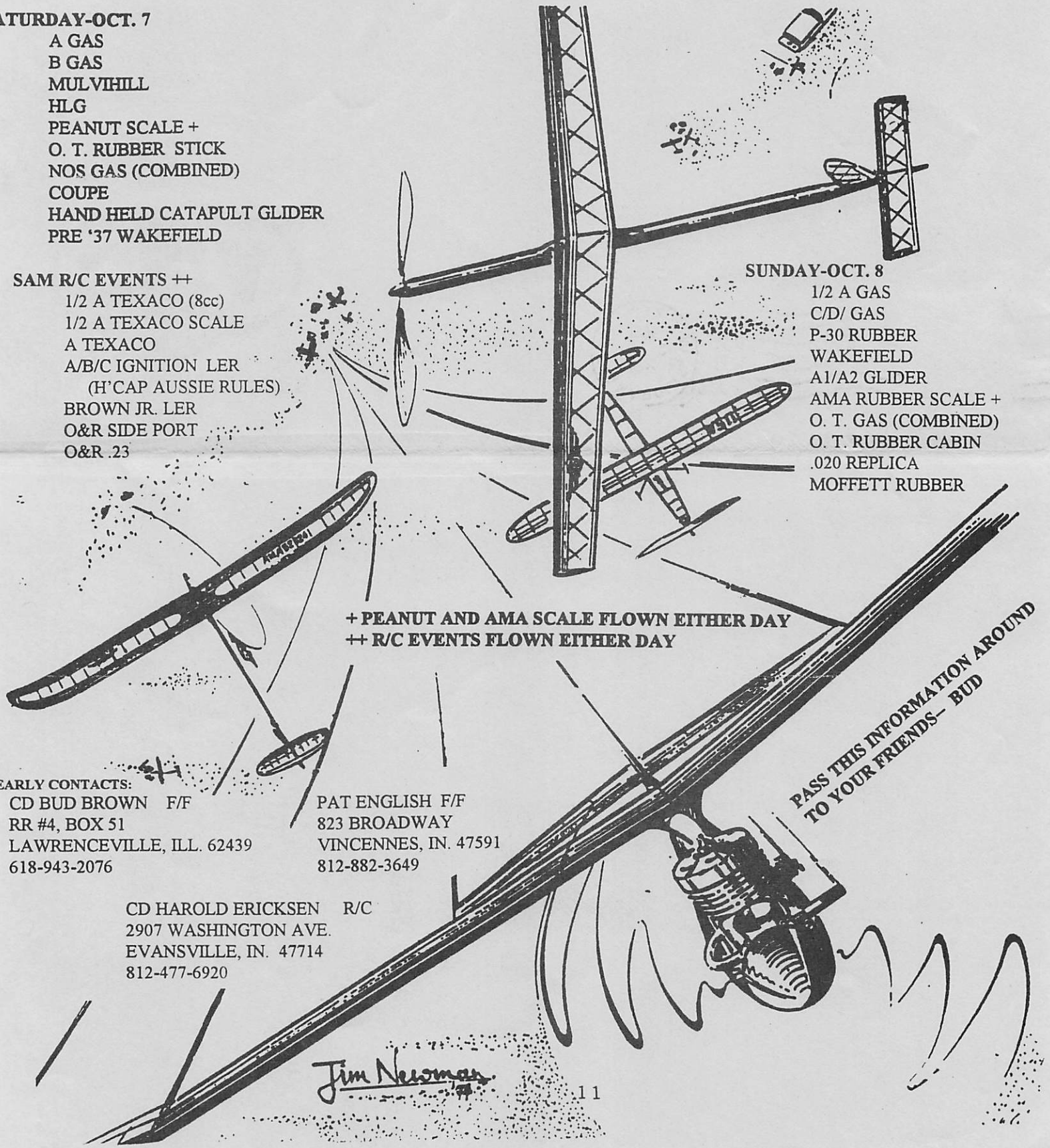
A GAS
B GAS
MULVIHILL
HLG
PEANUT SCALE +
O. T. RUBBER STICK
NOS GAS (COMBINED)
COUPE
HAND HELD CATAPULT GLIDER
PRE '37 WAKEFIELD

SAM R/C EVENTS ++

1/2 A TEXACO (8cc)
1/2 A TEXACO SCALE
A TEXACO
A/B/C IGNITION LER
(H'CAP AUSSIE RULES)
BROWN JR. LER
O&R SIDE PORT
O&R .23

SUNDAY-OCT. 8

1/2 A GAS
C/D/ GAS
P-30 RUBBER
WAKEFIELD
A1/A2 GLIDER
AMA RUBBER SCALE +
O. T. GAS (COMBINED)
O. T. RUBBER CABIN
.020 REPLICA
MOFFETT RUBBER



+ PEANUT AND AMA SCALE FLOWN EITHER DAY
++ R/C EVENTS FLOWN EITHER DAY

PASS THIS INFORMATION AROUND TO YOUR FRIENDS-- BUD

EARLY CONTACTS:

CD BUD BROWN F/F
RR #4, BOX 51
LAWRENCEVILLE, ILL. 62439
618-943-2076

PAT ENGLISH F/F
823 BROADWAY
VINCENNES, IN. 47591
812-882-3649

CD HAROLD ERICKSEN R/C
2907 WASHINGTON AVE.
EVANSVILLE, IN. 47714
812-477-6920

Jim Newman

The INFORMER

2348S, 700W
New Palestine, IN
46163

1995 President
Guy Scott

Vice President
Roger Lane

Sec'y/Treasurer
Harry Murphy

Issue No. 4 . 95

1995 Area FF Contest Calendar - (AMA Districts 3, 6, & 7)

Apr	7-9	Toledo, OH	41st Toledo R/C Expo
May	6-7	Muncie, IN	Thermaleers FF Meet
	7	Columbus, OH	MECA Collecto
	14	---	MOTHER'S DAY
	20-21	Muncie, IN	Excellent Adventure FF Meet
	27-29	---	MEMORIAL DAY WEEKEND
Jun	5/31-6/4	Johnson City, TN	USIC
	3-4	Muncie, IN	COFFC FF Meet
	11	Bong, WI	Aeronuts O.T. FF Meet
	17-18	Sturgis, MI	M.A.M. O.T. FF Meet
	18	WPAFB, OH	(Practice Weekend)
	26-30	Muncie, IN	NFFS USOC/AMA FF NATS
Jul	1-2	*Muncie, IN	FAI Semis for F1A, F1B, and F1C.
	8-9	Bong, WI	FAI & IMAC AMA FF Meet
	15-16	**	
	22-23	WPAFB, OH	CIA O.T. & Nos Gas FF Meet
	29-30		
Aug	5-6	WPAFB, OH	NOFFA FF Meet
	6	Bong, WI	Eagles/Pelicans FF Meet
	13	Bong, WI	Midwestern States FF Meet
	19-20	WPAFB, OH	FFMAS FF Meet
	20	Bong, WI	Aeronuts O.T. FF Meet
	27		
Sep	2-4	---	LABOR DAY WEEKEND
	10-15	Colorado Sprgs.	SAM CHAMPS
	16-17		
	23-24	Muncie, IN	CIA FF Meet (AAA)
	30-1		
Oct	7-8	Lawrenceville,IL	TCAC FF Meet
	14-15		
	21-22	WPAFB, OH	(Practice Weekend)
	28-29		
Nov	5	Columbus, OH	MECA Collecto

Any comments, revisions, additions, or cancellations to the above should be directed to Harry Murphy, 3824 Oakwood Blvd., Anderson, IN 46011 (317) 642-7377.

This schedule as of April 24, 1995

(*) Added.
(**) Deleted.