CENTRAL INDIANA AEROMODELLERS

CIA INFORMER

FREE FLIGHT NEWS OF THE MIDWEST

** The Weather **
Flowers in summer,
fires in fall.

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

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For those of us who like to see their names in print (and who doesn't!), welcome to the "Results" issue of the Informer. Check inside to see how you fared in recent Kontests of the CIA, NOFFA, FFMAS, etc., Klubs.

As I'm putting this issue together, I notice that the wind's blowing like hell outside. Must be another Free Flight Kontest somewhere nearby!

The AMA Museum - a Must See!! - by Murph

Well, it finally happened - the Museum finally opened, officially! Mike Fulmer certainly lived up to his reputation as a curator, as the thing is simply gorgeous! Sure makes for some teary eyes gazing upon some of those displays - and the replica vintage hobby shop is an old timer's dream! Should you be in doubt as to whether you will be eventually going to heaven - (or the other way!) - ya gotta feast your peepers on this marvel before you check out. 'Tis the eighth wonder of the toy aeroplane world (yeah, I do think **Bill Hutchins** is one of the other seven)! Anyway, ya gotta see it!

Come and spend at least a day to do it right!

Stormy Weather ..... Rare is the free flight contest that's not plagued by bad weather - on at least one of its days! Here's why.

As you all know, an upcoming FF contest generates out-of-the-ordinary amounts of anticipation and releases of creative energy. These, in turn give rise to a general "Area Vortex", whose influence is proportional to the size of the contest (number of participants) and amount of money invested in its awards and niceties. This vortex (or swirl) drifts upward and collides with the normal good weather and cause the rainout/blowout of at least one of the contest days. Now you know!

In order to minimize this vortex effect, and to virtually guarantee good contest weather, the following is proposed: one should not anticipate or frantically prepare for an upcoming contest. Be very cool, and show up at the contest totally disinterested in the events about to unfold. That should do it. The weather will probably be perfect! ("You laughed, you laughed; I heard you laugh ..... ") -MJW

Terry Rimert Succumbs

Free Flight has lost another of our legions with the passing of Terry Rimert of the Jacksonville, FL area. Terry will be remembered as the perennial CD of the NFFS Special Events programs at many of the AMA Mats of past years.

Terry also authored those fine nostalgia gas books of more recent times. Free Flight loses in more ways than one with the passing of those who enjoy our hobby more in the "Service of Others" than in personal competition accomplishments. Terry was such a person.

We shall miss him! - HSM

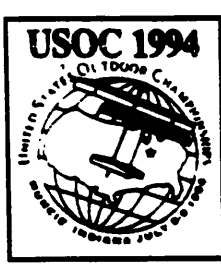
New Faces !! Got a bumper crop of 'em, this issue! We'd like to welcome aboard the following new Agents: **Cliff Culpepper,** of Charlotte, NC; and welcome back to prodigal Agent **Lee Campbell,** now of Dearborn Heights, MI; **James Gaffney,** from Grafton, OH; **Ed Mate** of Riverdale, IL; **Wally Mumper** from Ottawa, IL; **John Obenchain** of Logansport, IN; **Bill Reuter** from N. Olmsted, OH; **Al Rohrstaff** of Kalamazoo, MI and **Bill Vanderbeek** from Los Altos Hills, CA!

Season Ender? If you still haven't had enough contest flying after L'ville is over, check out the Illinois Model Aero Club's Small Field Contest on Sunday, Oct 9. They're flying Catapult Glider, Embryo Endurance, P-30, Profile Scale, FAC Scale and ROG Stick. There's also a Target Time event. The meet is held at the Forest Preserve Flying Field (Flossmoor Rd and Central Ave), in Country Club Hills, IL - about 26 miles south west of downtown Chicago.

Contact CD George Flemming, Jr. on (312) 768-4970 for more info.

In case you didn't know, agent **Don Jenkins,** *"The Wirecrafter"* is back in business again. He builds those wire 'n stone moving works of art that become very special awards for all occasions, but most appropriately for model aircraft events.

Need a custom award (or a piece of art) that's out of the ordinary? Contact Don at 2915 E. 65th St., Indianapolis, IN 46220, or call (317) 253-9170.



We are having a one time only limited run of the 1994 USOC t-shirts for those of you who missed out. The white cotton t-shirts sport the 1994 USOC red, yellow and blue logo and come in M, L, XL and XXL. T-shirt orders must be prepaid. For each shirt requested send $13 (postage paid) by check by **November 15, 1994** to:

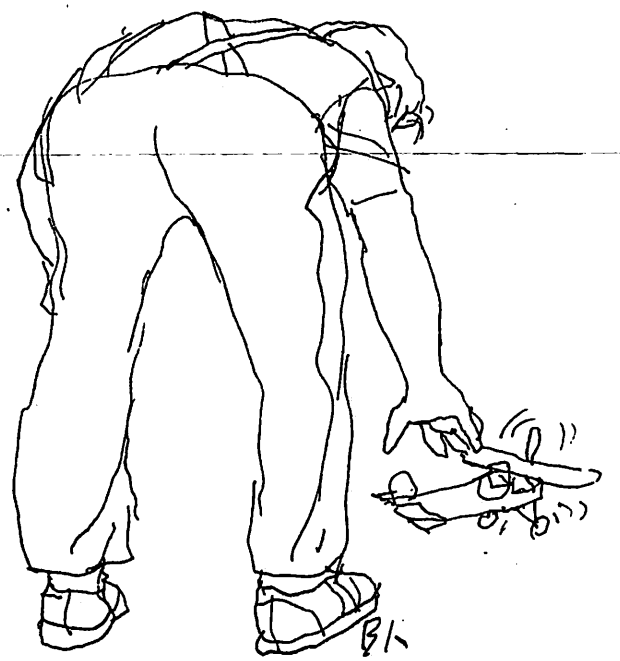
Linda Brown, 2962 Lexington Trace, Smyrna, GA 30080

An Observation ..... by Mo

Somebody at AMA headquarters dropped the ball and missed out on a chance to make the organization a bit of money, as well as eliminate a headache and hazard on their Muncie field.

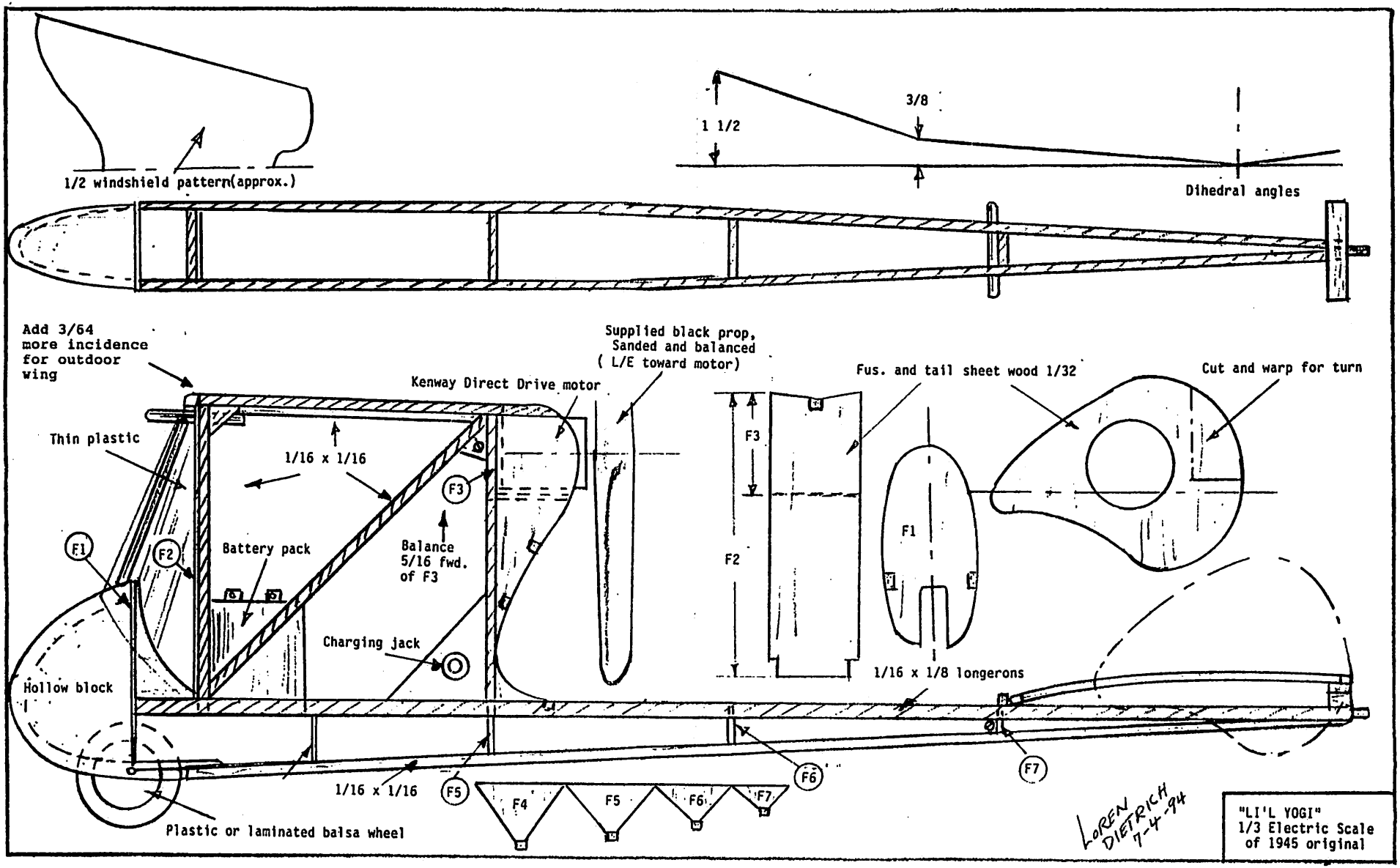
The alfalfa that was cut and baled, then allowed to rot in the field during the USOC meet could have easily brought $3 to $4.50 per bale, if an effort was made to sell it! It was good looking hay ..... could've bought a bunch of frequency flags, or a couple more porta-johns, maybe.

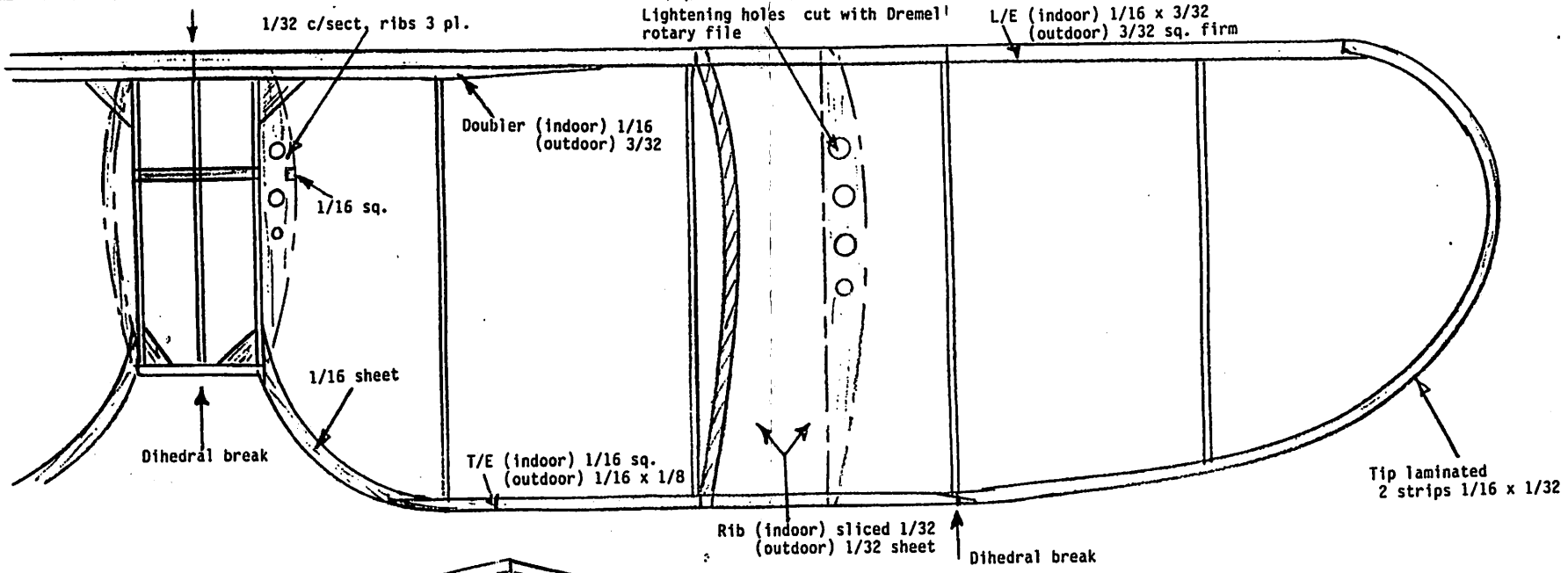
Instead, the bales became one hell of a hazard to those chasing models on cycles, causing at least one broken arm, not to mention some bent bikes! It wasn't that the guys weren't watching where they were going - some of the bales were hidden in tall grass! Put into practice the title of Gary Shaw's MA column - "Safety Comes First!"

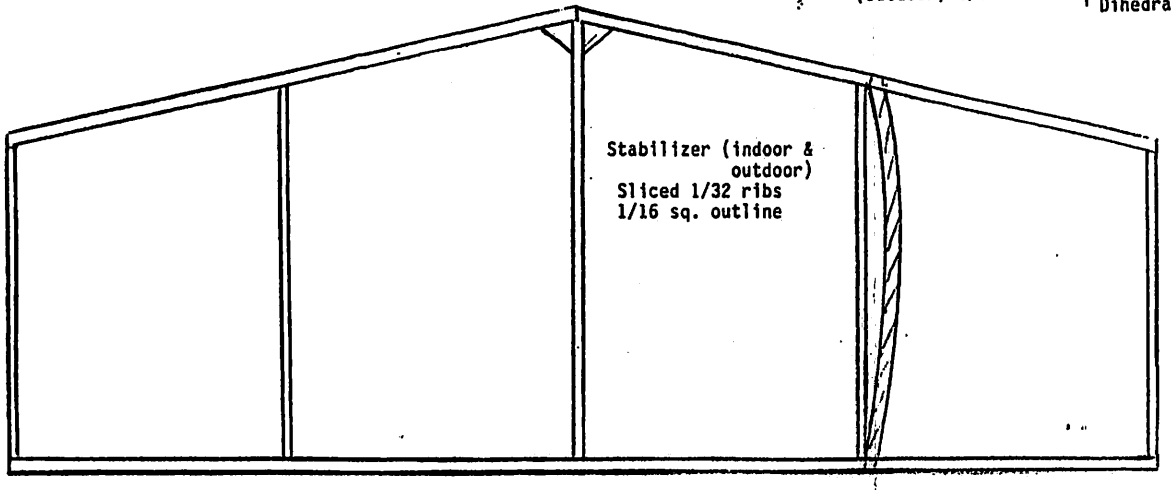


"Li'l Yogi"!! This issue's 3-view is actually a construction article by Loren Dietrich. The model is an electric powered miniature of Jerry Stoloff's 1945 design (originally kitted by Eagle Models), and uses Kenway's little KR-1D direct drive electric power unit. The plans show the mods for building either an indoor or outdoor version of the model.

Loren sez it's a great little flyer ("currently" 150 flights, and still buzzing!), and a real cutie over a small field at twilight!


1/2 windshield pattern(approx.)
1 1/2
3/8
Dihedral angles
Add 3/64 more incidence for outdoor wing
Supplied black prop, Sanded and balanced (L/E toward motor)
Kenway Direct Drive motor
Fus. and tail sheet wood 1/32
Cut and warp for turn
Thin plastic
1/16 x 1/16
F3
F2
F1
Battery pack
Balance 5/16 fwd. of F3
Charging jack
Hollow block
1/16 x 1/8 longerons
1/16 x 1/16
F5
F4
F5
F6
F7
F6
F7
Plastic or laminated balsa wheel
LOREN DIETRICH 7-4-94
"LI'L YOGI"
1/3 Electric Scale
of 1945 original





Outdoor wing can be covered with tissue, alcohol shrink, sprayed with 50-50 low shrink dope.

Indoor wing and stab: cover tops only with pre-shrunk and pre-doped tissue

"LI'L YOGI"
(Plate 2)
→ wing and stab.

NOTE 1: Model must weigh less than 1 ounce.
NOTE 2: Wire motor to turn C/W at shaft end.
NOTE 3: Smooth and balance black prop, mount with L/E toward motor.
NOTE 4: Batteries should charge with plug IN, motor should run with plug OUT.

LOREN DIETRICH 7-4-94

Fuselage: build two sides over the sideview crosshatches, then fasten them together over the top view, using F2 and F3 to square the top. Install crossbraces. When things are dry, remove from plan and add formers, keel stringer, hollow nose block, windshield fairing and post. When fuselage is ready, install battery pack with RTV. Solder short wires to motor and poke them through F3, then RTV motor in place. Install jack, then strip insulation from wires (who needs it?) and then wire the circuit so that motor runs clockwise when viewed from shaft end. Wire the jack so that charging battery charges flight pack when plug is installed, but motor runs as soon as plug is removed. (This eliminates the need for a switch.) Smooth and balance the supplied black plastic prop, then install it with the leading edge forward. Cover fuselage with light tissue, shrinking and using one thin coat of low-shrink dope. Add windshield. Don't forget the wheel, either plastic or laminated 1/16 with dowel hub. Use a pin for the axle.

Wing, indoor: Using a cardboard pattern, slice a dozen ribs plus a couple of spares for "Oops". Make a cardboard form for the tip bow, put Saran over it, wet the strips and coat with glue, wrap around the form and pin until dry. Sand lightly. Build wing and sand; crack for dihedral joints, glue and let dry thoroughly.

Wing, outdoor: The wood is slightly beefier, and ribs are cut from 1/32, routed for lightening holes

Tail: Stabilizer is just like indoor wing but easier. Vertical fins are 1/32 with lightening holes, sanded well and covered with tissue on both sides. One light coat of dope will do; make cut for trim tab on right fin.

Covering indoor wing and stabilizer: Apply one coat of dope to parts that will have tissue fastened to them. Make a frame of wood or cardboard about 12 inches square, and then glue a square of tissue to it at the edges. Water shrink. When dry, spray one light coat of low-shrink dope, thinned 50 percent. An hour later, cut tissue from frame and then cut slightly oversized pieces for covering of stab and wing panels. Pin the surface to be covered flat, lay tissue over it, then brush MEK solvent through tissue around outline. Remove, cover next panel. Trim and adhere edges when finished. Everything should be warp-free and reasonably strong now. Glue vertical fins to stab ends.

Covering outdoor wing: Cover bottom panels one at a time, then cover top panels same as the indoor wing. Tissue used will be dry and undoped. When completed, spray bottoms with alcohol to shrink and then with thin dope. Then shrink and dope top panels, one at a time while they are pinned down. Thin, low-shrink dope please; no potato chips wanted.

Flight trim: Wing and tail can now be mounted with light rubber bands; don't cinch 'em! Note negative incidence required under stab saddle; it seems to want it, even with the rather aft CG (5/16 inch forward of F3) of the original Yogi. (If using the outdoor wing, add 3/64 inch extra incidence under its leading edge.) Test glide carefully, skewing tail for coarse adjustment and using tab for fine trim. With no warps, it seems to turn more reliably to the left.

Cautions: don't add structure: it is adequately strong for indoor or no wind flight. However, don't remove much either! Its all-up ready to fly weight should be one ounce outdoor, slightly less indoor. Don't ask what that is in grams: I wouldn't know a gram if I got one for my birthday....Incidentally, I use Ambroid orange glue in a tube'cuz my sinuses don't like CNA regular and my pension doesn't like CNA "Odorless"...suit yourself.

Welcome to the "Dusk Patrol"! I generally charge for 6-7 seconds to obtain a flight that circles me for 30-45 seconds. (What a great way to watch a free flight!) A 15 second charge is bordering on a flyaway, and a longer charge is fiscally irresponsible. Have fun !

FROM ANDERSON ..... about 17 miles east of Muncie - the local newspaper carried this "weather report" which confirms July might be a "bitch" at times, but at least it don't "snow"! The "motel listing" is something you might wish to retain should the pads in Muncie be jammed (you will sleep better over here anyway because the whole town is "boring" (unless you like flea markets, outlet malls, or harness racing.) WHATEVER!!!

So how's the weather?

Weather statistics for Madison County. All temperatures listed in Fahrenheit degrees and rain and snowfall in inches. Statistics are provided by local weather historian Bill Hecht.

Month	Mean Temp	Avg. High	Avg.low	Rain	Snow
January	24.8	32.3	17.4	2.00	6.17
February	28.7	36.5	20.9	2.24	6.53
March	39.8	48.1	31.5	3.49	2.66
April	50.5	60.7	40.3	3.97	0.31
May	60.8	71.6	50.0	3.77	0.00
June	70.0	80.6	59.3	3.54	0.00
July	73.5	83.7	63.2	4.10	0.00
August	71.4	81.6	61.1	3.38	0.00
September	65.0	75.8	54.3	3.05	0.00
October	53.5	63.9	43.1	2.60	0.00
November	42.6	50.4	34.4	3.26	1.00
December	30.3	37.1	23.5	3.07	5.20
Average	50.9	60.2	41.6	38.47	21.69

Motels

Best Inns of America, 5706 Scatterfield Road, Anderson. 644-2000
93 rooms, handicap accessible. Free continental breakfast.

Best Western Sterling House, 5901 Scatterfield Road, Anderson. 649-0451
120 rooms, restaurant, handicap accessible, indoor pool, sauna & whirlpool, tennis court.

Comfort Inn, 2205 E. 59th St., Anderson. 644-4422
56 rooms, indoor pool & whirlpool, handicap accessible. Free continental breakfast.

H & K Motel, 583 Broadway, Anderson. 643-6685
52 rooms.

Holiday Inn Holidome, 5920 Scatterfield Road, Anderson. 644-2581.
158 rooms, indoor and outdoor pools, sauna, whirlpool, game room, exercise room, restaurant, handicap accessible.

Johnson's Motel, 3589 Indiana 9N, Anderson. 642-8008
10 rooms, outdoor pool, kitchenettes. 10 RV campsites and full hookups.

Lees Inn, 2114 E. 59th St., Anderson. 649-2500
72 rooms, handicap accessible. Free continental breakfast.

Mar-Jon Motel, 1327 E. 53rd St., Anderson. 644-7766
16 rooms.

Mark Motor Inn, 2400 Indiana 9S, Anderson. 642-9966
52 rooms, outdoor pool.

Motel 6, 5810 Scatterfield Road, Anderson. 642-9023
125 rooms, outdoor pool, handicap accessible.

BED AND BREAKFASTS

Plum Retreat, 926 W. Eighth St., Anderson. 649-7586
Owners: John and Marilyn Bertacchi.
A Queen Anne Victorian inn with fine books, soothing music, antiques, and full homemade breakfast. Afternoon beverages, hors d'oeuvres and plum dessert recipes are a specialty.

Kati-Scarlett, 1037 N. Main St., Lapel. 534-4937
Owners: Charles and Sharon Wilson-Dopirak.
This three-bedroom inn features a "Gone with the Wind" theme with each room being individually named after a character in the motion picture.

DIFFERENT STROKES, FOR DIFFERENT FOLKS.....

I have an OS .098 PET in my ZEEK 297 from which plans were blown up from the original ½A ZEEK 176 plans with a few more sticks added. The .098 is a virgin except for a venturi that will accept my little finger, and it drives a Top Flite 7-3 at 17,000 rpm on 40% nitro. That's about all I can sqweeze out of it on a given day, but it yanks the 10 oz. model very well.

Anyway, I caught this article in the Slidell, LA "HOT AIR" newsletter which discusses an OS .10 for Class 'A' R/C Texaco. The object here is not "Speed City" like Class 'A' Nostalgia Gas freeflight, but "fuel economy" instead. The recommended venturi hole size is a teeny .089 to .093 dia. and did 6500 rpm using 10% nitro turning a 9x5 prop for a whopping 5 min and 20 secs. The recommended model size was 400-500 sq in.

Now and then, one might read where the arm chair guys might be suggesting that FF'ers and R/C'ers mingle more and swap ideas. Well, let's go a step further and simply swap OS's to kick off the concept. My .098 could feasibly have the R/C job passing Mars over Indy in 5 min and 20 secs. Whereas, the R/C .10 in my ZEEK would be another animal altogether. I wager that at the end of the legal 9 sec engine run, Floyd Miller could still grab its tailfeathers without rising from his chair.

Naw, if FF'ers and R/C'ers are to fratinize on common grounds, methinks it will have to be on another subject.....

HSM

COX ENGINES

At a recent C.I.A. Club Meeting, someone asked if the SPACE BUG was the first engine produced by L.M.Cox. Well, Gee, Errrr, Ugh, Gosh - I guess the answer could be a qualified "yes", but then you gotta be specific. It went something like this:

1949 L.M.Cox began producing die cast race cars with engines supplied for them by the Cameron people. The first "Thimbledrome" race car engine. T'was a .15.

1949-50 Race car engines in sizes of .045 and .049 supplied to Cox by Mel Anderson.

1952 Now comes the SPACE BUG as first Cox-built engine. Early models had glow plugs, then came the glow head.

1953 The THERMAL HOPPER debuts - followed by the SPACE BUG, JR.

1954 Plastic tank variants for various RTF model engines. Also, came the STRATO BUG which had a metal tank and dual bypass.

1956 BABE BEE with no intake screen.

1956-57 The RR1. '56 had a silver c'case and the '57 had a gold anodized c'case.

1957 The PEE WEE .020 is born.

1958 The GOLDEN BEE arrives.

1959 The BABE BEE gets a screen in its intake. New engines in the "bee" family are the SILVER BEE with a long tank and the SUPER BEE which had dual bypass ports (and P-40 on the side of the cylinder).

The SPORTSMAN .15 and OLYMPIC .15 are released for sale.

Also, the SPACE HOPPER is made available (Thermal Hopper with beam mounts).

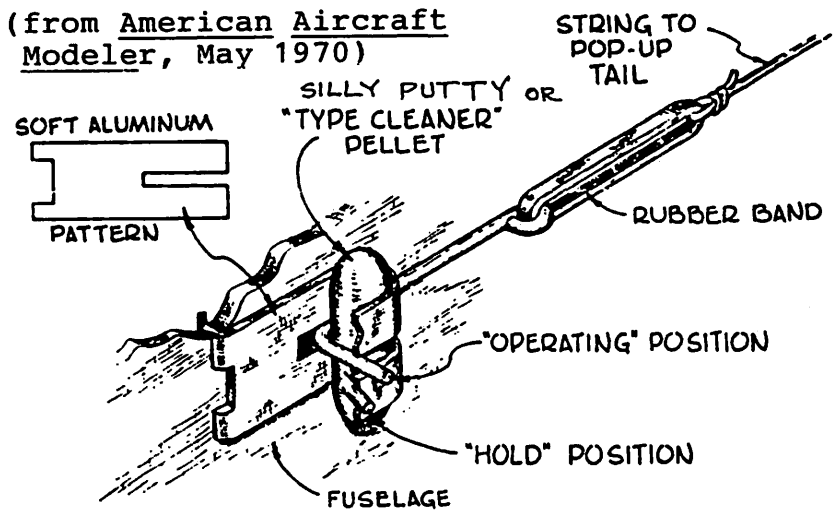
1961 A banner year! the TD's are here! .010, .020, .049, .051, and .15.

1962 The .09 is added as is the TD .15 Special - also, the MEDALLION makes the scene.

Many variations followed, most for RTF sale. The Cox CONQUEST .15 also came later.

HSM 7-94

(from American Aircraft Modeler, May 1970)



Light-weight non-burning dethermalizer timer is not only ideal for light small models, but desirable for all types. Band pulls pin slowly through the pellet.

Light-weight D. T. timer: What do you do with a Winter-Cupper (Coupe d'Hiver) in the Summertime? When Summer comes in, fuses are out, in many parts of the country, because of the fire hazard. And a mechanical timer is too heavy. Hand-launched gliders have the same problem. The gadget shown in the sketch just might be the answer. The heart of the device is a rubbery goop called "A. W. Faber Plastic Type Cleaner No. 7540," used on typewriters, and available in stationery stores. It acts somewhat like a liquid in that it flows under pressure. Perhaps "Silly Putty" from the toy store would work the same way — we haven't tried it. Here is how it works. Set the wire hook in the "hold" position. Roll up a little cylindrical pellet of type-cleaner between your fingers and pop it in place — it is sticky enough to stay there. When you are ready to launch, flip the end of the hook into the "operating" position. Slowly but surely the wire hook slices through the type-cleaner, and up goes the tail.

Free Flight Aeromodelers Society

June 18-19, 1994 Contest - Wright-Patterson AFB, Ohio

1/2 A Gas (5 Entries)

1st	Keith Fulmer	596 secs
2nd	Jim Haught	415
3rd	Gil Morris	360
4th	Joe Mekina	249
5th	Bill Hutchins	ATT

Hand Launch Glider Sr/Open (4 Entries)

1st	Joe Mekina	328 secs
2nd	Bill Hutchins	163
3rd	Jim Haught	101
4th	John Williamson	49

Hand Launch Glider Junior (2 Entries)

1st	Robby Haught	39 secs
2nd	Jason Poti	21

Catapult Glider Sr/Open (5 Entries)

1st	Joe Mekina	230 secs
2nd	Rudy Kluiber	191
3rd	Bill Barr	148
4th	Bill Hale	92
5th	Floyd Miller	53

Catapult Glider Junior (2 Entries)

1st	Robby Haught	53 secs
2nd	Jason Poti	20

A/B/C Gas (4 Entries)

1st	Joe Mekina	411 secs
2nd	Harry Murphy	360
3rd	Bob Perkins	357
4th	Jack Greene	92

P-30 (3 Entries)

1st	Frank Heeb	360 secs
2nd	Rudy Kluiber	337
3rd	Marty Richardson	312

1/4 A - 1/2 A Nostalgia (6 Entries)

1st	Gene Bowers	454 secs
2nd	Rudy Kluiber	453
3rd	Keith Fulmer	441
4th	Bill Barr	287
5th	Bill Hale	266
6th	Jim Haught	231

Mulvihill Rubber (1 Entry)

1st	Marty Richardson	120 secs

Old Time Rubber (5 Entries)

1st	Bill Barr	216 secs
2nd	Marty Richardson	120 + ATT
3rd	Frank Heeb	120

Weather? HOT! 90 deg +, light & variable winds.
Contest Directors: Norm Poti / Marty Richardson
Special thanks to Ellen Poti, score keeper and super picnic organizer!

RESULTS: C.I.A. O.T. & NOS GAS MEET OF 7-23/24-94

HOT & DUSTY, PARTLY CLOUDY, AFTERNOON'S WINDY

OTHLG - (4)

1.	R. Kluiber	?	190
2.	B. Larsh	HUGELET	118
	H. Murphy	HERVAT	
	L. Willis	HUGELET	

SM. RUBBER STICK - (8)

1.	J. Williams	CASANO	780
2.	J. Macay	CASANO	698
3.	F. Heeb	GOLLYWOCK	476
4.	Lou Willis	KORDA	369
5.	R. Lane	MI. CHAMP	148
	Larry Willis	KORDA	
	L. Campbell	GOLLYWOCK	
	B. Barr	GOLLYWOCK	

LARGE RUBBER STICK - (3)

1.	J. Williams	SMITH	694
2.	Larry Willis	LANZO DUPLEX	310
3.	J. Macay	R. HULL	220

RUBBER FUSELAGE - (6)

1.	J. Macay	'39 KORDA	780
2.	F. Heeb	JABBERWOCK	364
3.	J. Williams	'39 KORDA	356
4.	R. Lane	JABBERWOCK	272
	F. Sibley	'38 KORDA	
	L. Campbell	JABBERWOCK	

JIMMIE ALLEN (6)

1.	R. Lane	YELLOW JACKET	206
2.	Lou Willis	?	171
3.	B. Hale	B. A. OIL CO.	148
4.	T. Dock	?	120
5.	B. Edelstein	CANADIAN	117
6.	L. Hallgarth	SPARTAN BOMBER	44

.020 REPLICA - (18)

1.	L. Hallgarth	RANGER	428
2.	B. Barr	KERSWAP	360
3.	G. Bowers	KERSWAP	349
4.	R. Kluiber	STRATO STREAK	348
5.	B. Hale	STRATO STREAK	302
6.	Larry Willis	KERSWAP	257
7.	D. Boyer	KERSWAP	217
8.	L. Campbell	DODGER	199
9.	R. Lane	DODGER	174
10.	F. Heeb	STRATO STREAK	91
11.	E. Jordan	INTERCEPTOR	63
12.	S. Myers	STRATO STREAK	55
	B. Edelstein	SO LONG	
	H. Murphy	KERSWAP (Cox)	
	D. Harshman	PLAYBOY	
	J. Noble	SO LONG	

1/2A FF ANTIQUE - (5)

1.	G. Bowers	POWERHOUSE 45	231
2.	B. Hale	POWERHOUSE 45	218
	H. Murphy	POWERHOUSE 45	
	R. Kluiber	RED ZEPHYR	
	F. Miller	POWERHOUSE 45	

1/4A NOS GAS - (14)

1.	J. Haught	DREAM WEAVER	447
2.	G. Bowers	T-BIRD	319
3.	R. Kluiber	ELIMINATOR	311
4.	L. Hallgarth	?	305
5.	G. Caldwell	PLAYBOY	283
6.	B. Barr	ZERO	253
7.	L. Campbell	T-BIRD	120
	Larry Willis	SPACE WAMP	
	B. Hale	T-BIRD	
	B. Edelstein	TWISTER	
	S. Myers	SPACER	
	H. Murphy	SPACE WAMP	
	F. Miller	T-BIRD 150	
	D. Boyer	PLAYBOY, SR.	

1/2A NOS GAS - (14) 15

1.	J. Haught	RAMROD 250/HORNET	430
2.	B. Barr	HOTSHOT/COX 049	331
3.	S. Myers	SPACER/HORNET	325
4.	L. Hallgarth	T-BIRD/HORNET	296
5.	G. Bowers	T-BIRD/HORNET	271
6.	H. Murphy	ZEEK 240/HORNET	85
	B. Edelstein	SPACER/COX 049	
	D. Harshman	RAMROD	
	Larry Willis	H. DAYS/Cox 049	
	J. Noble	T-BIRD/HORNET	
	F. Miller	T-BIRD/HORNET	
	D. Boyer	ZEEK/OK CUB	
	R. Kluiber	? /HORNET	
	B. Hale	T-BIRD/HORNET	
	B. PLACIER	S. STREAK/ATWOOD DISP	

"A" - NOS GAS - (13) 14

1.	J. Haught	RAMROD 250/HORNET 051	581
2.	L. Hallgarth	T-BIRD/HORNET 051	455
3.	B. Edelstein	HI-FLI/OS 19	401
4.	R. Kluiber	Y-BAR/HORNET 051	351
5.	G. Bowers	T-BIRD/OS 15	351
6.	S. Myers	SPACER/HORNET 051	338
7.	E. Jordan	RAMROD 600/K&B .19	175
8.	J. Noble	T-BIRD/FOX 15	55
	D. Boyer	K. POWERHOUSE/O&R 19	
	H. Murphy	ZEEK 297/OS 09	
	F. Miller	ZEEK 240/HORNET 051	
	B. Hale	T-BIRD/OS 15	
	Larry Willis	H. DAYS/OS 15	
	B. PLACIER	SUPER FLASH/K&B .19	

B/C NOS GAS - (9)

1.	G. Bowers	T-BIRD/K&B 23	480
2.	S. Myers	SPACER/K&B 29R	269
3.	B. Edelstein	SPACER/FOX 29	266
4.	B. Placier	SUPER FLASH/K&B .23	216
5.	B. Hale	SPACER/K&B 29	103
6.	G. Caldwell	ZEEK 575/K&B 29	88
	R. Kluiber	RAMROD 600/OS 29	
	Larry Willis	H. DAYS/OS 35	
	H. Murphy	A/B ZEEK/FOX .201	

EARLY 1/2A NOS GAS - (9)

1.	R. Kluiber	?	344
2.	B. Hale	KIWI/OK 049	326
3.	H. Murphy	ZEEK/OK .049X	244
4.	B. Barr	1/2 WILD GOOSE	211
	B. Edelstein	KIWI/OK 049	
	G. Bowers	ZEEK/OK 049	
	J. Haught	POGO/WASP	
	F. Miller	SLEEK	
	D. Boyer	ZEEK 176/OK 049	

NOS GAS IGN - (4)

1.	H. Murphy	47 PHOENIX/ARDEN .19	337
2.	B. Hale	ZEEK 277/ARDEN .19	247
	F. Miller	ZEEK 277/ARDEN .19	
	G. Bowers	ZEEK 277/ARDEN .19	

A/B PYLON IGN. - (7) 8

1.	E. Jordan	ZIPPER/O&R 29	360
2.	H. Murphy	RANGER/O&R .19	346
3.	D. Harshman	ZIPPER/Torp 29	304
4.	G. Bowers	RANGER/O&R 19	288
5.	T. Dock	KERSWAP/O&R 29	256
6.	B. Edelstein	WASP/FORSTER 29	241
7.	D. Boyer	ZIPPER/DELONG 30	57
	B. PLACIER	ALM. A2E/O&R 23	

A/B FUSELABE IGN. - (9)

1.	B. Edelstein	SO LONG/O&R 23	337
2.	D. Harshman	DODGER/TORP 29	335
3.	H. Murphy	DODGER 350/O&R 19	277
4.	W. Weisenbach	BUCCANEER/FORSTER 29	272
5.	T. Dock	CABRULER/O&R 23	148
	R. Kluiber	DODGER/O&R 29	
	G. Bowers	CABRULER/O&R 19	
	D. Boyer	DODGER/FORSTER 29	
	B. Placier	BUCCANEER/O&R .23	

C - O.T. GAS - (5) 6

1.	H. Murphy	ZIPPER/O&R .33	480
2.	W. Weisenbach	ZIPPER/FORSTER 35	429
3.	B. Edelstein	ALERT/FORSTER 305	274
	T. Dock	ZIPPER/VIVELL 35	
	D. Harshman	HEPCAT/MADEWELL 49	
	B. Hale	ZIPPER/MADEWELL 40	
	B. PLACIER	BUZZARD/CYCLONE	

Results
for the
NOFFA Summer Free Flight Contest
August 6 - 7, 1994

1/2 A Gas

Keith Fulmer	695
Gil Morris	348
Bill Barr	345
Jim Haught	338
Joe Mekina	292
Jacob Noble	263
Bill Hutchins	144
Harry Murphy	107
Bill Reuter	90

H. L. Glider

Joe Mekina	257
Lee Campbell	239
Tom Jones	218
Phil Sullivan	205
Bill Barr	177
Larry Willis	166
Bill Hutchins	133
Elmer Jordan	87

Junior H. H. Catapult

Billy Reuter	198
Elizabeth Mekina	195
Jon Reuter	126
Robby Haught	110
Jason Poti	108
Christina Mckenia	107
Rick Howald	88
Ryan Jones	76

High-Point Trophy
Bill Hale

.010 Nostalgia*

Gene Bowers	2680
Bill Hale	2540
Rudy Kluiber	2540
Shel Myers	2490
Bill Barr	2340
Larry Willis	1880
Jim Haught	1850
Les Hallgarth	1000

*Scoring similar to PeeWee 30

Team Catapult Glider Cup Challenge

NOFFA 'A'	40.5
The Internationals	37
WPAFB'ers	36.5
Willis Trio	32
NOFFA Pinnacle	29
COFFA	22
The Little Ones	13.5
The 14'ers	7.5

Saturday Evening Results

.020 Payload

Elmer Jordan	344
Tom Jones	317
Gene Bowers	306
Harry Murphy	297
Bill Reuter	270
Les Hallgarth	158

1/2A Nostalgia PAA Load

Bill Hale	360
Rudy Kluiber	112
Bill Barr	87

PeeWee 30

Bill Hale	2400
Elmer Jordan	2193
Jim Haught	1826
Gene Bowers	1803
Lou Willis	1493
Bill Barr	1153

ABC Nostalgia

Keith Fulmer	931
Bill Hale	841
Jim Haught	341
Elmer Jordan	316
Gene Bowers	297
Jacob Noble	256
Les Hallgarth	188
Jim Keppler	111
Jack Greene	101
Tom Gates	93

1/2 A Nostalgia

Jim Haught	666
Gene Bowers	325
Keith Fulmer	318
Bill Barr	312
Bill Hale	311
Les Hallgarth	232
Dan Harshman	211

.020 O.T./Nostalgia

Gene Bowers	750
Jim Haught	587
Charles Mortimer	480
Bill Reuter	325
Bill Barr	309
Bill Hale	292
Don Boyer	286
Harry Murphy	285
Elmer Jordan	255
Les Hallgarth	254
Larry Willis	230
Roger Lane	55
Tom Keppler	47

Karl Emde Memorial Award
Gene Bowers



O.T. Rubber - Stick

Frank Heeb	780
Larry Willis	758
Jim Keppler	299
Lou Willis	193
Roger Lane	191

O.T. Rubber - Cabin

Lou Willis	540
Tom Keppler	356
Jim Keppler	311
Lee Campbell	293

ABC O.T. - Pylon

Gene Bowers	479
Harry Murphy	360
Dick Patton	329
Elmer Jordan	325

ABC O.T. - Fuselage

Gene Bowers	354
Dan Harshman	351
Bill Hale	317
Elmer Jordan	262
Harry Murphy	255

H.H. Catapult

Joe Mekina	274*
Tom Jones	274
Larry Willis	240
Charlie Jones	239
Bill Hutchins	188
Bill Reuter	182
Roger Lane	179
Lou Willis	148
Bill Barr	95

*won unlimited fly-off

C - D Gas

Gib Robbins	687
Norm Poti	531
Guy Scott	325

A - B Gas

Bob Perkins	900
Norm Poti	750
Guy Scott	733
Keith Fulmer	337
Gib Robbins	335
Andy George	120
Lee Campbell	120

P-30/Coupe

Bill Hale	341
Roger Lane	331
Marty Richardson	329
Les Hallgarth	309
Tom Keppler	290
Jim Keppler	243
Lou Willis	241
Lee Campbell	216
Tom Jones	120
Gene Bowers	63

Junior H. L. Glider

Billy Reuter	124
Elizabeth Mekina	118
Christina Mekina	78
Robby Haught	71
Jon Reuter	64
Jason Poti	30

Mid - America F. F. Champs!

MID AMERICA AIR CENTER

Lawrenceville, IL
October 1st and 2nd
AMA SANCTIONED

Saturday, Oct 1 — 9.00 AM to 5:00 PM
Sunday, Oct 2 — 8:00 AM to 4:30 PM

ENTRY FEE — $10 1st event
$ 3 all other

Juniors: $2 per event.

SATURDAY, Oct 2nd

A Gas
B Gas
Mulvihill
HLG
Peanut Scale*
O.T. Rubber Stick
Nostalgia Gas (combined)
1/2 A Texaco
Pre 37 Wakefield
Coupe
Hand Held Catapult Glider
1/2 A Scale R/C

SUNDAY, Oct 3rd

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
G20 Replica
Moffett Rubber

PRACTICE and TESTING-ALL DAY Friday, Sept 30

* Peanut scale and AMA Scale may be flown either day.

SPONSORED BY TRI COUNTY AERO CLUB

Early Contact:
Bud Brown, RR #4, Box 51
Lawrenceville, IL 62439
(618) 943-2076

C.D.'S
Bud Brown
Pat English

NOTE: Please Pass This Info Around. Thanks Bud

Jim Newman '77

1994 Area Free Flight Contest Calendar

Aug	7	Bong Field, WI	Bong Eagles FF Meet
	6/7	WPAFB, Dayton, OH	NOFFA FF Meet
	10-12	Gananoque, Ont	Great Grape Gathering FF
	12-14	Fayette, NY	25th Empire State FF Champs
	14	Bong Field, WI	Midwestern States FF Meet
	20/21	WPAFB, Dayton, OH	COFFC Fall FF Meet
	21	Bong Field, WI	Aeronuts Fall FF Meet
Sep	3/4	Muncie, IN	CIA Regional FF Meet
	11-16	Muncie, IN	SAM Champs (OT Wake 11/12)
	21-24	Palm Bay, FL	FAI Team Finals
Oct	1/2	Lawrenceville, IL	TCAC Club Meet
	9	So. Chicago, IL	IMAC Small Field Non-Gas Meet
	15/16	WPAFB, Dayton, OH	
Nov	6	Columbus, OH	MECA Collecto

The **INFORMER**

CENTRAL INDIANA AERO MODELLERS

2348S, 700W
New Palestine, IN
46163

1994 President
Phil Sullivan

Vice President
Guy Scott

Sec'y/Treasurer
Harry Murphy

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