THE HANGAR PILOT

MIAMA INDOOR AIRCRAFT MODEL ASSOCIATION

ISSUE 214

Summer Issue 2001

30TH YEAR OF PUBLICATION
INDOOR ISN'T FOR EVERYONE

• BACK TO WEST BADEN See p. 2

• Schedule for Season 31

• Wells Row

• MIAMA HALL OF FAME



Right: the FVIII first flew in March 1927, and was a twin-engined aircraft developed to give greater capacity than the FVII. It was designed to carry a crew of two and fifteen passengers, and there was generous space for mail and baggage in the nose section.



FAC CLUB #11
"LIKE A LETTER FROM HOME" Whelan

THE HANGER PILOT

The Hanger Pilot, edited by John Martin Jr., who is solely responsible for its content, is published 8 or 9 times a season for bunch of middle aged guys who refuse to grow up. MIAMA (Miami Indoor Aircraft Model Association) - AMA club [redacted]. One of two active all indoor free flight clubs in AMA. For a mere $12.50 you will receive all of the published issues that year. We encourage reader contributions because, frankly, we need the material. Letters, plans,]-views, complaints, gripes and compliments to: Dr.John Martin Jr., President / Editor, 2180 Tigertail Ave., Miami, FL 33133 USA. phone: 305-858-6363.

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MIAMA CLUB NEWS

No flying season ever went by so so fast as the last one .Our 30th.No sooner had we started than we were flying the 7th and last meet. At least that's what it seemed to me. This issue has the results (Hall of Fame) of our past two seasons--# 29 and 30.

When Wayne Trivin won the Florida State Championship for seven consecutive years it looked like his record forever(Like the Dolphinss undefeated season) would last. BUT along comes Rich MacEntee who has been our State Champ for the past FIVE..no easy task. The MIAMA men are no push overs in competition. Can Rich tie or break Trivin's record? Will it bring Trivin out of retirement ? Stay Tuned

The dates for the 31st season are on the back cover and the results of the past 2 seasons are on P. 17 and 18. As all indoor flyers know. NONE of these dates are chizzled in granite, and must be reconfirmed the night before the meet by calling 305-858-6363.

NEXT MEET AUG 18, 19

The ROW site on Islamorada is not available,so this year the ROW meet will be at MacDill Marina Beach on Aug 18 from first light until noon..unless it gets too windy to fly. 3 FAC Kanones here for Coconut, FAC Scale, & Peanut. FAC rules. Instead of putting a cherry bomb in your old, tired planes, make a set of floats for them for the ROW meet.HANGAR #3 will be available after the meet for an indoor trim session. Also on Sun. Aug.19 from 9 to 5 is another trim session, for the 31st season that begins Sept. 29, 30.

TO GET TO MARINA BEACH: Go down Hangar Row as usual. Continue on Hangar Loop Road. and stay on it. After it bears hard right, take the next road to left. Stay on this road until you come to the Marina. Call 305-858-6363 the night before meet.

WEST BADEN REVISITED (2)

—Original Message—
From: Ralph Tenny [mailto:rten@metronet.com]
Sent: Wednesday, June 06, 2001 10:07 PM
Subject: wonderful news! (fwd)

Amazing news!
Bud

——— Forwarded message ———
Date: Wed, 06 Jun 2001 20:08:45 -0500
From: del ogren <del@n-lemma.com>
To: rten@metronet.com, Glenn Davison <davison@setech.com>
Subject: wonderful news!

Bud and Glenn, pass the following along...
–del
—

Indoor folks,
Sweep the barn floor, call in the fiddler,
and bring your friends! There is cause for
celebration.

Got a phone call from Walt Van Gorder last night.
He's been working for years trying to get access
to the dome in West Baden Indianna. He's done it!
(Thank you Walt!!!)
WALT PHONE: 513-922-3351
Saturday August 11, 10 AM to 4 PM.
Sunday August 12, 12 PM to 5 PM.

This is not a contest.
It is an attempt, after years of work on Walt's part,
to prove to the new owners of the building that
we are, at best, an attraction, and at worst, harmless...

But, it's a chance to fly in the newly restored atrium.
And, if we prove ourselves, a chance to go back and have
real event.

Come play, and help us prove that we may be nuts, but we're harmless..

Walt has done a lot of work to get us to this point and
is, rightly, being cautious about showing the owners that
we can be trusted. You must have a current AMA membership
card to fly. No electrics. We have to start off slow.

And it gets strange...

In order to get access to the building, Walt had to work with
the Historical Landmarks Foundation of Indianna. They seem to
want it to be a tourist event (a way to promote historical
buildings), and have named it the "Fly Me To The Moon" event.
Walt reports that the name was _not_ his idea!

So, in addition to the other restrictions, in order to fly
at West Baden, you will have to registure intent to do so
with the Historic Landmarks Foundataion before July 9.

Call 800 450 4534. Ask for Andrea Hill. Say you
want to fly to the moon at West Baden...

OK, this is all a bit confusing.
Call Walt at 513 922 3351
He has all the details.

Rooms:
Lane's motel 812 936 9919
EB Rhodes Bed & breakfast 812 936 7378
In Paoli: Midwest Inn 812 723 4555
And the French Lick Resort has a special deal
for us To the Moon, folks. 800 457 4042

Friends,
Dang near everyone who's flown indoor at West Baden
has fallen in love with the place. I know I did.
And it broke my heart to see the building fall into
a state of deep dis-repair. The last time I was there
I walked into the atrium, saw it's condition, and
left with a tear in my eye.

Walt reports that the atrium and the surrounding
structure has been restored to better than when we
flew there. And that the gardens surrounding the
building are also being restored to their turn-of-the-century
splendor.

Heck, even if I don't get new models built, and have to rely on
10+ year old crap, I'm goin' to West Baden.
It's my indoor model home.
The place of memories.

Haiku..

Props slowly turning
Sun light in the atrium
Bounce off the mushroom

–del ogren

"BEFORE JULY 9"

FREE FLIGHT SCALE HEAVEN - BRNO

(3)

E-mail from the Czech Republic

Dear Joe, FROM ALAMO ESCADRILLE

My name is Pavel Dvorak (**dvorak@mail.securities.cz**) and I am writing you from Prague, Czech Republic. I am a model fan myself, with only a few finished planes in my home "hangar", but with keen interest in everything regarding rubber-powered scale models. I am also a regular reader of the Windy Sock on-line. It was through your magazine that I have learned for example about the Island Flyer and later got to know Clive Wienker and Mrs. Wienker.....

I am writing about a contest that takes place in the eastern part of the Czech Republic every year. "Openscale" has won quite a reputation; see an article in last August's *Aeromodeller* as well as several references on the Internet (**http://www.netropolis.net/chill/open.htm**).....On the days of the contest many people known in airplane modeling communities world-wide visit the Medlanky airfield. It will be an opportunity to meet Mr. Gasparin, a producer of great CO2 engines, Mr. Alfery, a well-known master of styro scale technologies, Mr. Potensky, a producer of miniature RC receivers, and of course the president of the contest, Mr. Koutny, and others. Needless to say, the region has a lot of beautiful places to see, while being only a two hours' drive from Prague. There will be two other contests held in Moravia and Slovakia within the following week. First, from June 2 to 3, Miniscale contest in Slovakia at Boleraz lake. .....especially suitable for hydroplanes. Next, on June 5 to 6, the Third International Oldtimers will take place at Sazena....

If any fellow modelers are interested in enrolling in "Openscale '99", they can write directly to the President: Lubomir Koutny, Zahrebska 33, 61600 Brno, Czech Republic. And make sure the registration fee including Saturday banquet of 1000 CZK (about $30) is paid by April 1, as it will cost twice as much on the day of the contest. Hotel reservations in Brno (about $25 per night) can be made through Lubomir as well as enrollments in the other two events. I will be personally happy to answer questions by e-mail at **dvorak@securities.cz** . Let me close by giving best regards to the whole Escadrille, wishing many safe landings and looking forward to meeting some abroad visitors in Brno this May. Sincerely, Pavel

OF MODELS AND MUSINGS — MODEL COLUMNIST WWI AERO

Lou Buffardi
400 Windward Passage
Slidell
LA 70458

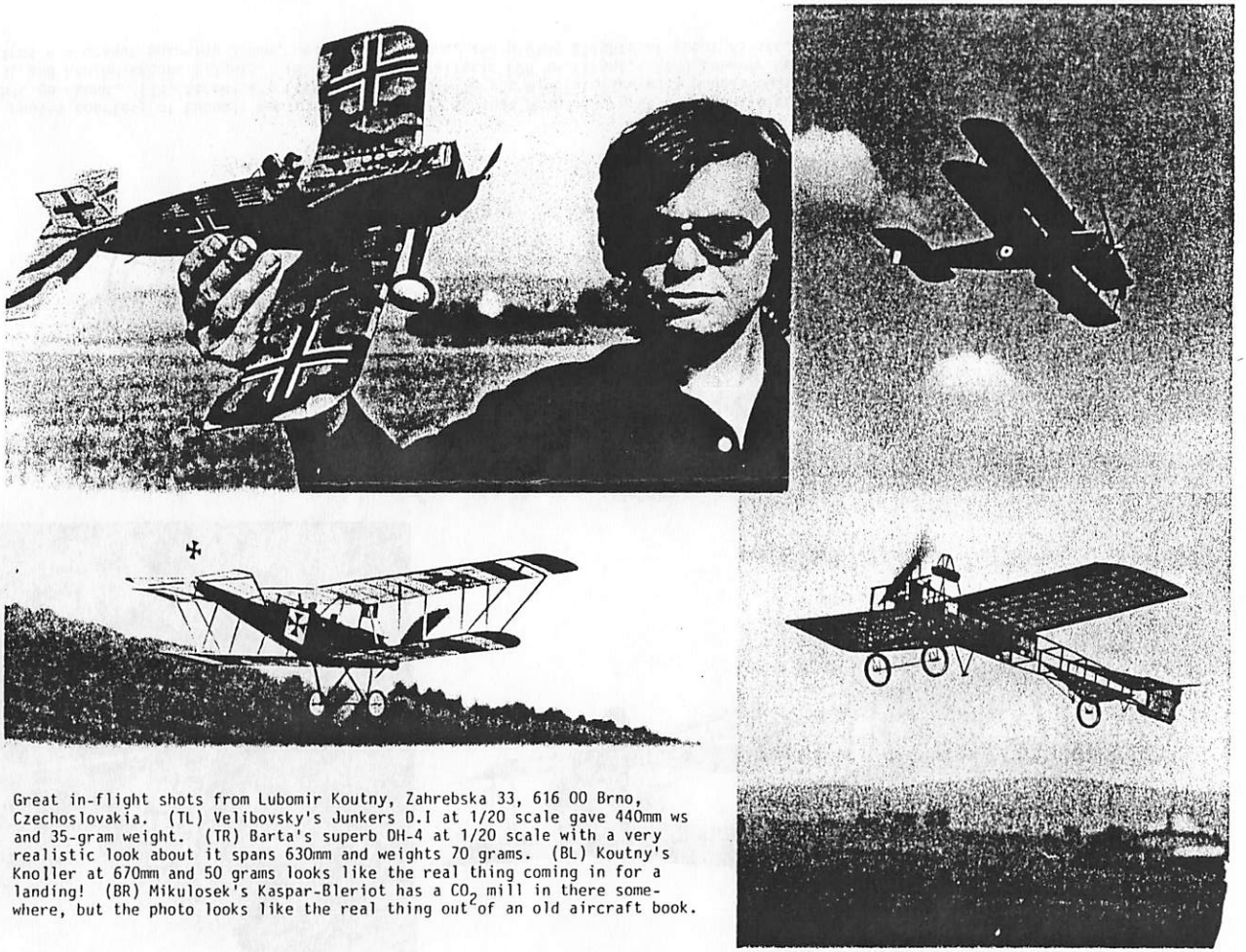
...nes.

While it is always a treat to hear from all of you out there and see photos of your latest projects no matter what stage of construction, it is even more exciting to hear from those around the globe who are doing wonders with probably a lot less available than we have in the way of model materials. Thanks to Lubomir Koutny of Czechoslovakia, we have quite a few wonderful photos to show you of what our Czech brethren are doing over there. And if you are especially excited over any of them, Lubos can probably send you a plan for $5.00. As of the last writing, he had the following plans available:

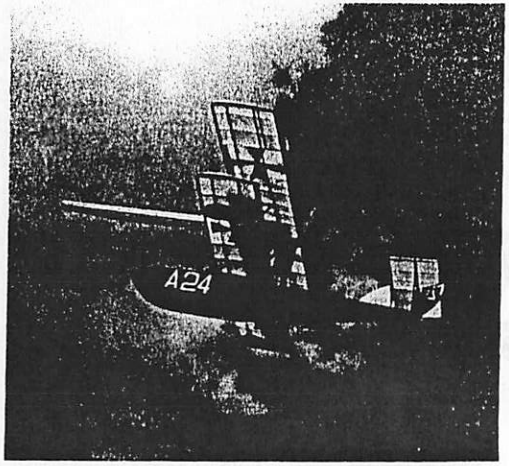
Fokker E.III by Paul Stranik: 780mm ws, 80g wt, CO_2 (0.27cm^3), over 100 sec flight.
Bristol by Antonin Alfery: 810mm ws, 100g wt, CO_2 (0.27cm^3), over 100 sec flight.
Brandenburg CC by Lubomir Koutny: 460mm ws, 25g wt, rubber, about 35 sec flight.

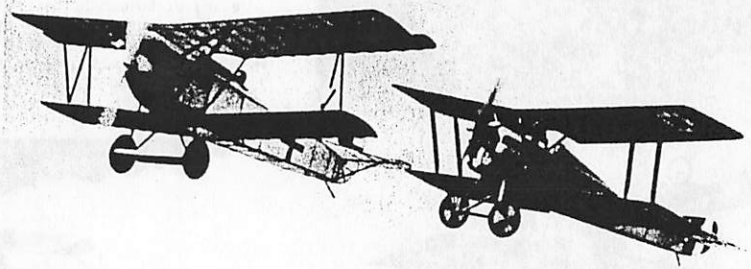
Lubos says that they use the Modela 0.27cc CO_2 motor. If you don't already have one and have no local source from which to acquire one, Prokit Products, The Butlers Flat, Womersley Hall, Womersley, nr Doncaster, Yorkshire, UK DN6 9BH can supply them at £25.50 plus postage, which is about $40.00 less postage at current ballpark rates. By the way, Prokit also has available the Shark CO_2 of .004cc which are said to run at a max 3500 rpm for approximately 40 seconds and weigh 15 grams. The single-cylinder Shark sells for £27.50 plus £3.50 postage. Prokit offers a plethora of additional CO_2 items too numerous to mention here, such as the Shark twin-cylinder engine, Shark single-cylinder contest motor, and single-cylinder twin tank (£60.00, £33.50, £30.50 respectively) plus numerous Prokit CO_2 model kits for rubber, CO_2 electric, etc. The hefty Prokit catalog sells for £2.80 including overseas postage, and they accept charge cards (that's how I did it as computation of exchange rates was a bit more than I cared to handle unless I were purchasing a Rolls-Royce).

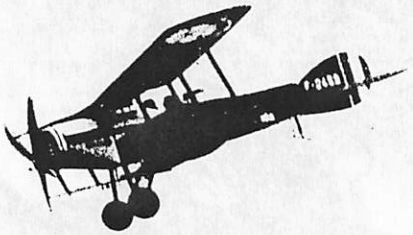
INSPIRATIONEL PHOTOS FROM WWI AERO

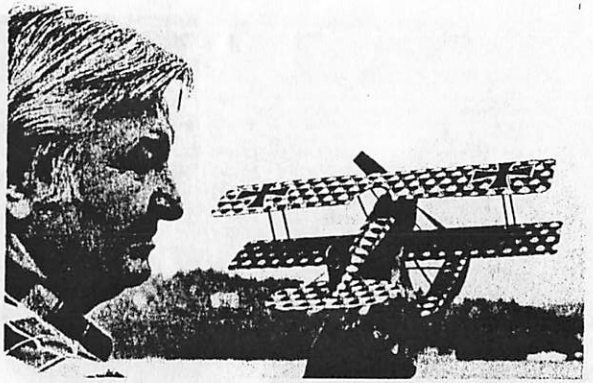


Great in-flight shots from Lubomir Koutny, Zahrebska 33, 616 00 Brno, Czechoslovakia. (TL) Velibovsky's Junkers D.I at 1/20 scale gave 440mm ws and 35-gram weight. (TR) Barta's superb DH-4 at 1/20 scale with a very realistic look about it spans 630mm and weights 70 grams. (BL) Koutny's Knoller at 670mm and 50 grams looks like the real thing coming in for a landing! (BR) Mikulosek's Kaspar-Bleriot has a CO_2 mill in there somewhere, but the photo looks like the real thing out of an old aircraft book.

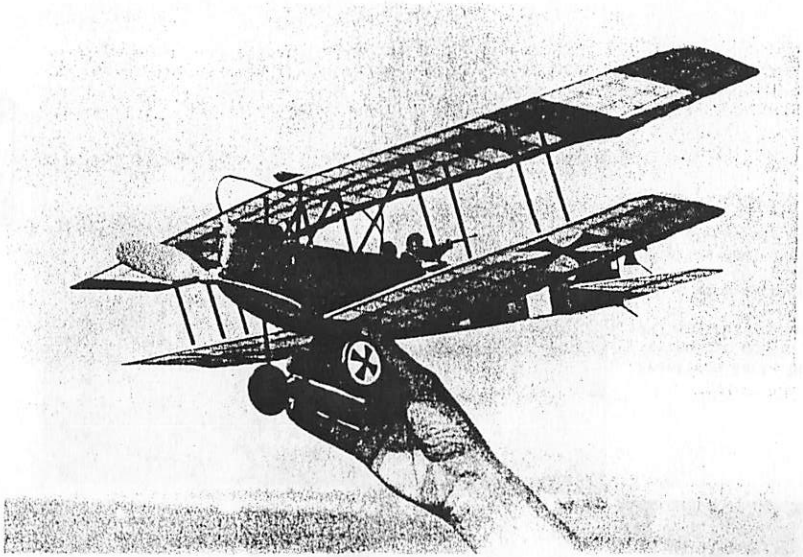


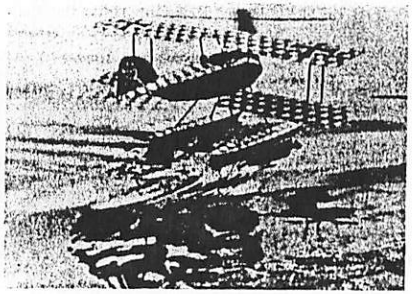






More photos courtesy of Lubomir Koutny. (TL) Koutny's Hansa-Brandenburg CC with Banfield's markings got a 35-second flight on this go-round. (TR) Stronile's Fokker D.VII and Alfery's Hanriot flew with Modela CO_2s, spanned 800mm, weighed in at 100 grams, and had 60-second flights. (BL) Alfery's realistic F2B in flight. (BR) Lubomir Koutny himself with his beautiful Albatros W-4 peanut spanning 330mm, weighing 15 grams, and giving flights of about 25 sec.







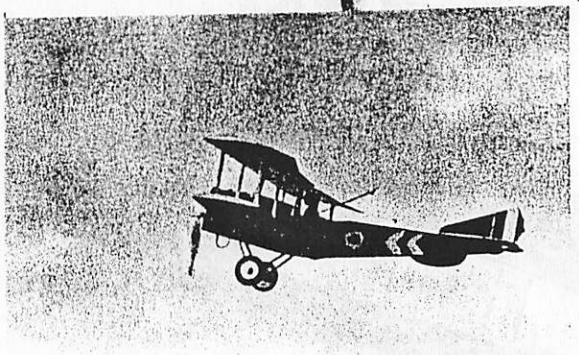


(TL) CO_2 powered Lohner by Oswald Jonish spans 650mm and features an aggressive-looking rear gunner. Beautiful construction and finish.

(TR) Lubomir Koutny's exceptionally fine Albatros W.4 during ROW.

(BL) Merta's Lohner and Mikulostik's SE5, both in 1/20 scale and rubber powered, in a nice composite shot in Czech skies. The Lohner spans 700mm and the SE-5 440mm. Weights are 60 grams and 40 grams respectively. It seems they aim for 1/10 the span in mm for weight in grams. Photos via Koutny.





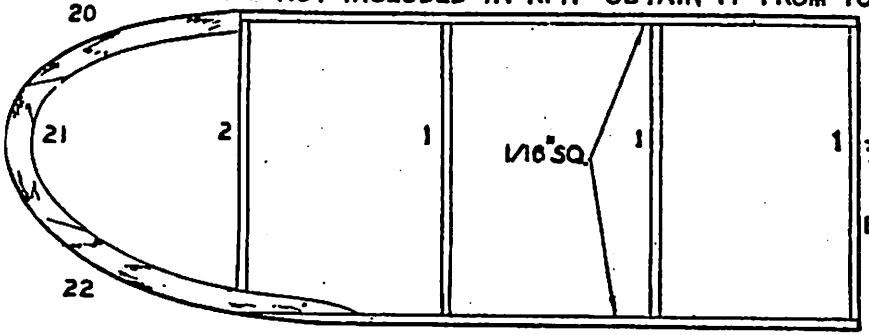
Frantisch Barta built this immaculate 1/20 scale Sopwith Triplane for rubber power. Engine, windshield, generator, rigging, markings - all superbly done (T).

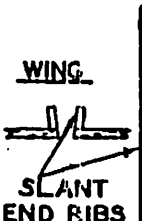
(B) A very nice in-flight shot of Krontoret's Pomilio PE in 1/20 scale for CO_2 power. Model spans 600mm. Downthrust and scale detailed cowl louvres plainly visible on the photo. Photos courtesy of Lubomir Koutny.

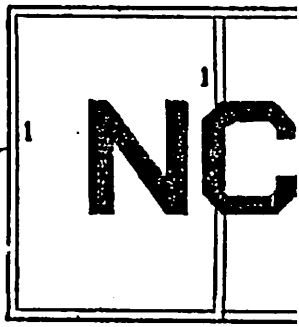
(L) Dr George Marta preparing his 1/20 scale Lloyd C.II. Lubomir Koutny says "good friend, nice scale, excellent flyer, great fun!" No one can top that, Lubos! Intricate rigging evident on the original photo, and look at that gum-band and removable nose block.

(R) The prolific Paul Stronile's CO_2 powered Fokker D.VII at 800mm span and 80 grams of weight displaying fine, steady, realistic flight characteristics. Nice, light structure and spoked wheels. Photos via Koutny.

CEMENT NOT INCLUDED IN KIT. OBTAIN IT FROM YOUR MODEL DEALER.

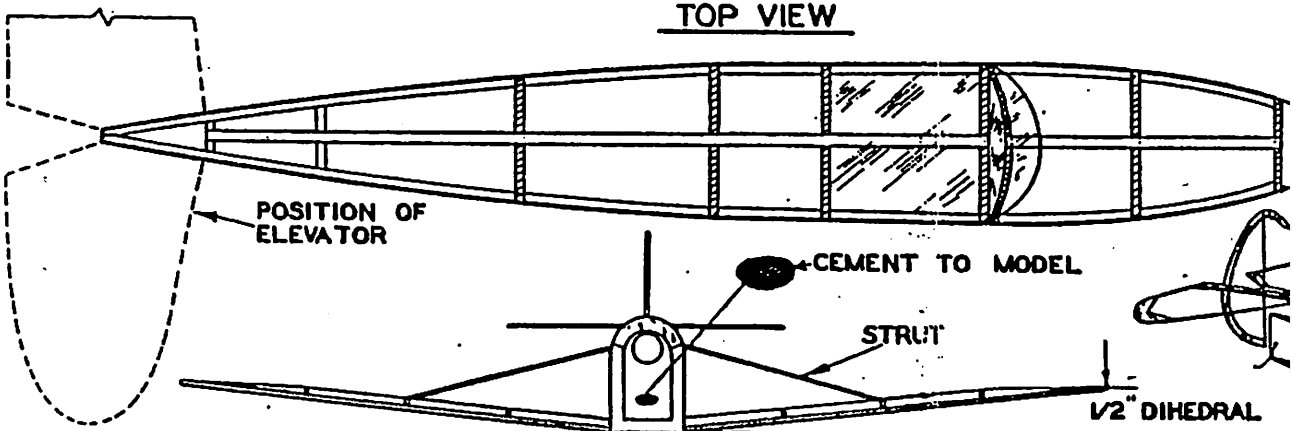






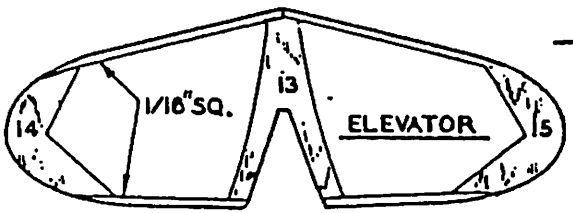
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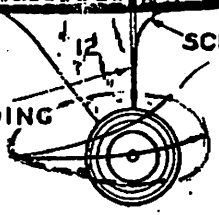
TOP VIEW





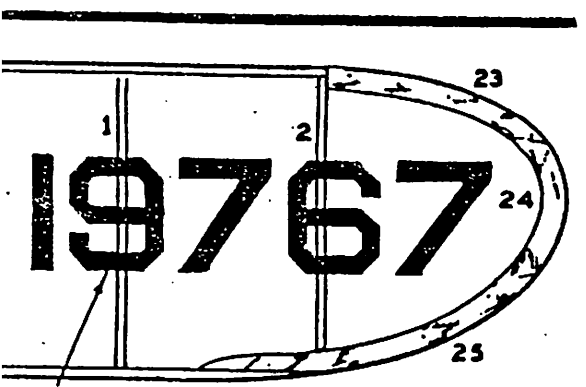
SIDE VIEW



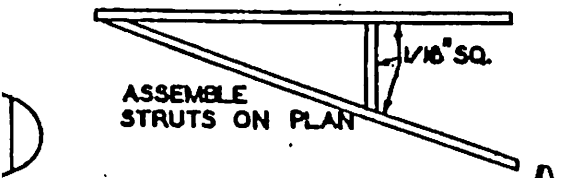


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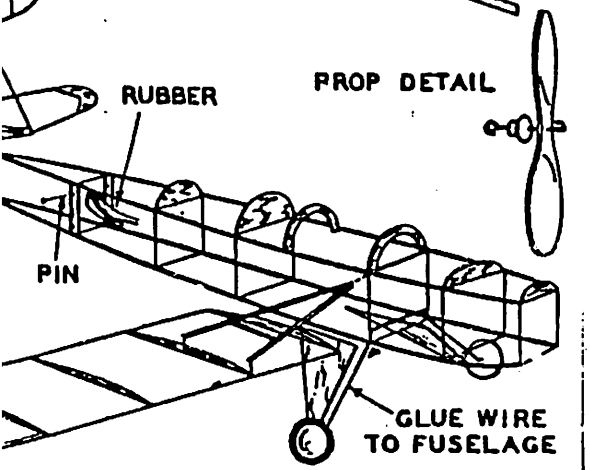
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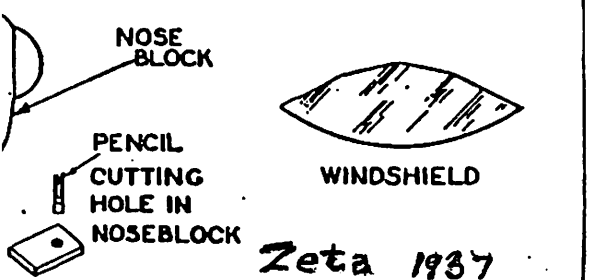


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ASSEMBLE STRUTS ON PLAN



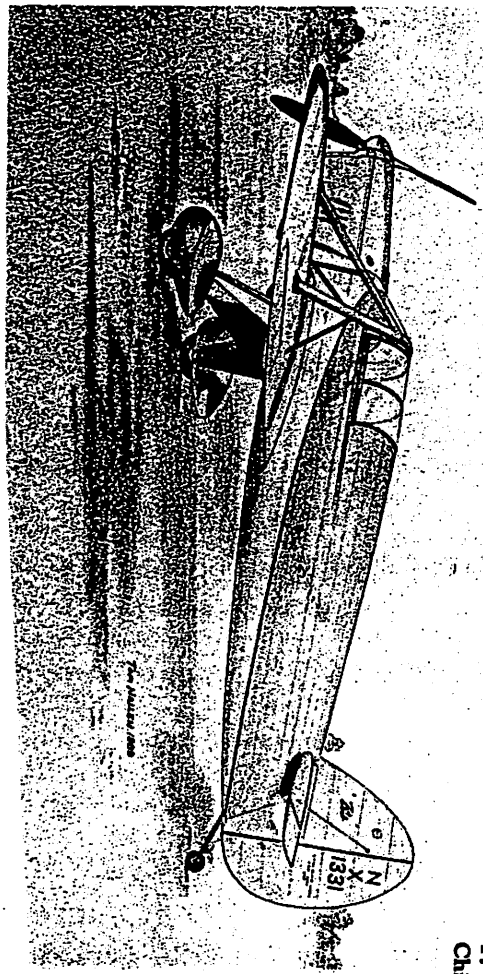


Zeta 1937

ANEL 5

MILLER RACER

WING SPAN 10"	LENGTH 7-1/8
DRAWN BY Edward Lidgard	KIT NOW 7



Miller Aircraft Company, Zeta. The 1937 Menasco powered two seater was funded by the contributions of twenty Springfield pilots in an unsuccessful effort to keep aircraft manufacturing alive at the airport there. The Zeta is displayed at the Springfield Museum of Science, Springfield, Massachusetts.

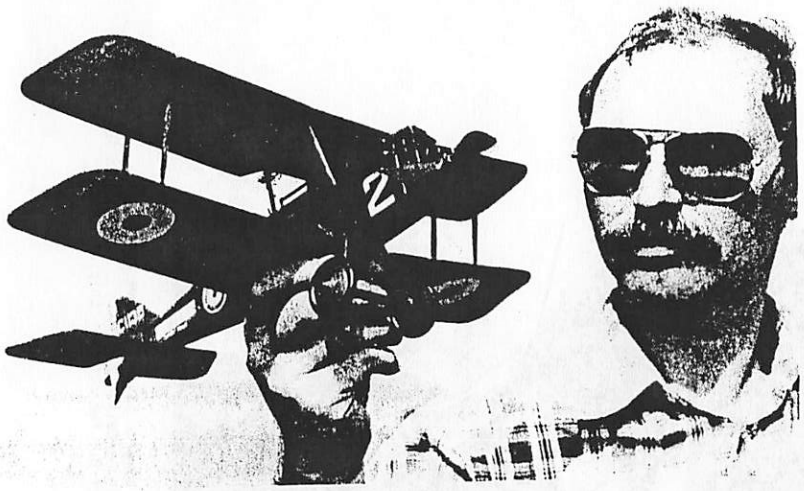
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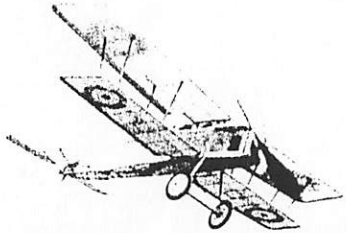
A LOT MORE STAB AREA, PLEASE.

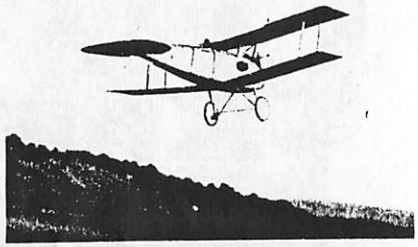
COLOR SCHEME - NOT KNOWN - CAN YOU HELP?

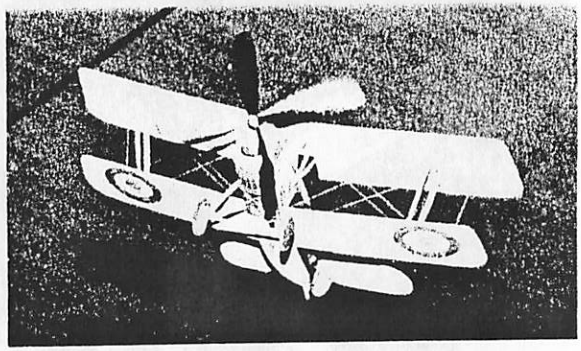


(T) Paul Stränile with his Modela CO_2 powered Fokker E.III. Very neat model features spoked wheels, 800mm span, and 90-gram weight and flights of over one minute. (B) Oswald Jonish holds his impressive and seldom-modeled Lohner C.I powered with a Modela CO_2. Koutny says the ship spans 800mm and is an excellent flyer. Beautiful markings.









(TL) Michael Soifrt with his 1/20 scale SE5. At 30 grams the 420 mm span ship gave a 40-second flight.
(TR) A 600 mm ws scale Vickers by Ceresnok. Very realistic and a nice flyer at 75 grams.
(CR) Stronile's CO_2-powered Albatros D.II spans 800 mm and gave a 50-second flight at 75 grams. Paul Stronile also built and flew this Peanut Vickers (BR) for 70 seconds- a long time up there. Neat 4-blader, rigging and detailing on this light-looking ship.

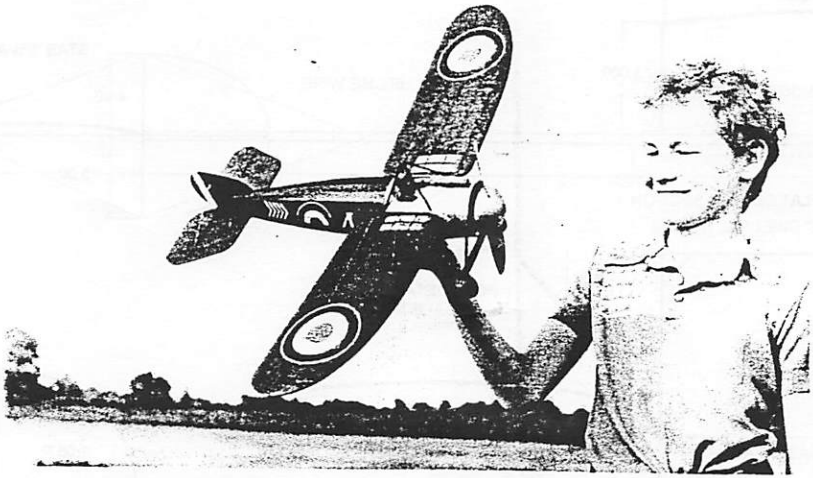
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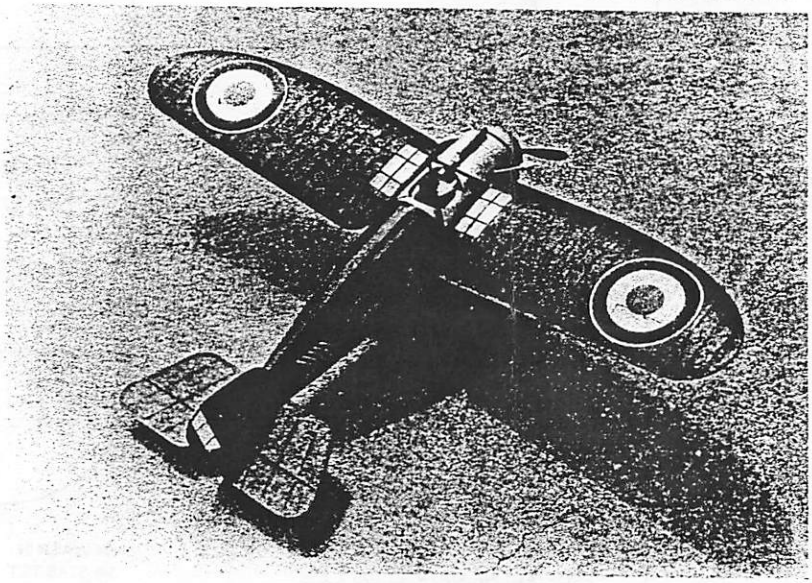
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(T) Korec and his Nieuport 17 at 1/20 scale for rubber power. Span is 420 mm and weight is 30 grams. Rigging, stork markings, and rigging excellent.
(B) Antonin Alfery prepares his pretty Siemens-Schuckert D.I for flight. Ship is 1/20 scale. Photos via Koutny.

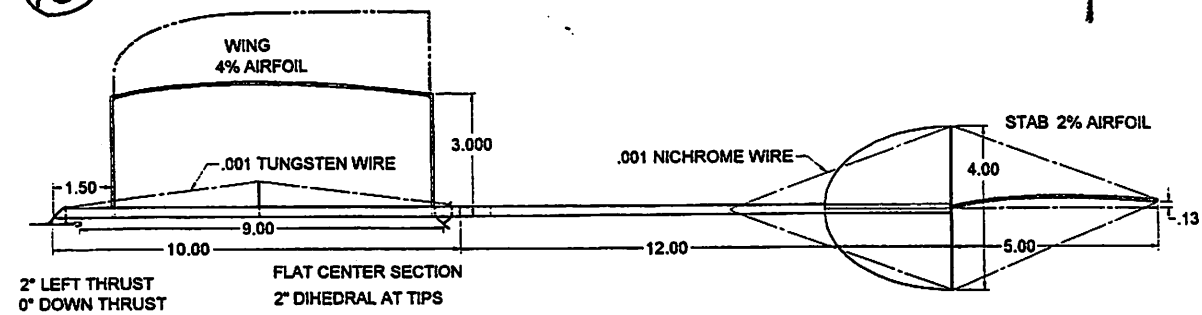




Tonda Alfery's magnificent Bristol M1c powered by a Modela CO_2 engine is now in the hands of whoever found it after it flew away. Span of 800 mm and 90-gram weight gave flights of 100 seconds. Beautiful construction, covering, rigging, markings- and that spinner! Photos via Koutny.

15

FROM BOING HAWKS





WING AND WINGPOST	.47 GRAM
MOTORSTICK	.25 GRAM
STAB	.15GRAM
TAILBOOM AND FIN	.15 GRAM
18"DIA X 34"PITCH PROP	.18 GRAM
TOTAL	1.2 GRAM

WING MAIN SPARS .100 x .035 - .065 x .035

TIP SPARS .065 X .035 - .030 X .035

WING RIBS .045 X .024 - .065 X .024 - .045 X .024

STAB SPARS .058 X.030 - .030 X .030

STAB RIBS .030 X.023

FIN SPAR .025 X .025 -.025 X045 - .025 X .025

FIN OUTLINE .025 X .025

MOTORSTICK .016 THICKNESS X 1/4"DIA

TAILBOOM .009 TAPERED FROM 1/4" TO 3/16" DIA

PROP SPAR .065 X 065 - .025 X .025

PROP OUTLINE AND RIBS .025 X .025

WIRE BEARING AND PROP HOOK .013 MUSIC WIRE

ORS 55 CM F1D

BEST TIME SO FAR 28:11

9" LOOP OF .048 .6 GM

1475 TURNS DEADSTICK LANDING

UNBRACED AND POLYMICRO COVERED F1D

DESIGNED AND FLOWN BY DARRYL STEVENS

DRAWN AND FLOWN BY BRUCE KIMBALL

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(16)

WELLS/FAC ROW
NEXT MEET
NOT IN KEYS
AUG 18, 19
SEE PAGE 1

Richard Rogers Hardcastle Jr.

Filmmaker, model plane enthusiast

Richard Rogers Hardcastle Jr. started making films while serving in the Air Force during the Korean War.

In 1956, he brought motion pictures home to Hardcastle Films, a film-making business in Richmond Heights founded in the 1930s by his father, Richard Hardcastle Sr.

"Hardcastle Films started out making film strips, and my father brought motion pictures to it," said his son, Jeff Hardcastle of Richmond Heights. "He certainly enjoyed the challenge of making films and figuring out the everyday challenges to it."

Mr. Hardcastle died Wednesday (April 4, 2001) of cancer at his home in Des Peres. He was 71 and a St. Louis native.

In 1952, Mr. Hardcastle graduated with a bachelor's degree in economics from DePauw University in Greencastle, Ind.

He then served four years in an Air Force photo squadron before returning to the St. Louis area to join Hardcastle Films.

Mr. Hardcastle was the cinematographer for many films, including the local Emmy award-winning "Operation Challenge," a documentary on Kinloch.



Hardcastle
Won local Emmy award

An indoor model airplane enthusiast, Mr. Hardcastle produced a film on the topic, called "Worldly Flights of Indoor," that was shown on cable networks. He also shot extensive film footage of the building of the Gateway Arch.

In 1977, Mr. Hardcastle began working as a film director for Communico, a former division of Maritz Inc. He retired as a producer in 1991.

Two of Mr. Hardcastle's sons, Craig Hardcastle of Richmond Heights and Jeff Hardcastle, operate Hardcastle Films.

An accomplished golfer, Mr. Hardcastle won a bronze medal in golf at the Summer National Senior Games — The Senior Olympics in 1999.

Visitation will be from 4 to 8 p.m. today at Bopp Chapel, 10610 Manchester Road, Kirkwood. A funeral will be at 10 a.m. Saturday at Community Christian Church, 623 Meramec Station Road, Manchester. Burial will be at Valhalla Cemetery.

In addition to his two sons, the survivors include his wife, Carol "Nikki" Andersen Hardcastle of Des Peres; a son, Richard R. Hardcastle III of Chesterfield; two sisters, Valerie Schamel of Town and Country and Beverly Stanford of Azusa, Calif.; and six grandchildren.

Memorial contributions may be made to the National Multiple Sclerosis Society, Gateway Chapter, 1867 Lackland Hill Parkway, St. Louis, Mo. 63146.

MIAMA HALL OF FAME 1999-2000
29TH INDOOR FLYING SEASON

STATE CHAMPION
RICH MACENTEE
RUNNER UP NEWT BOLLINGER

OVERALL:
1. R. MACENTEE 96
2. NEWT BOLLINGER 75
3. DICK OBARSKI 60
4. DOC MARTIN 57
5. SIDNEY GILBERT 48
6. JOHN WORMLEY 26
7. JOHN BARKER 22
8. DICK HARDCASTLE 12
9. RANDY OSBORNE 10
10. WALT VAN GORDER 6
18 MORE FLEW

FAC PEANUT:
1. R. MACENTEE 30
2. DOC MARTIN 24
3. N. BOLLINGER 21

FAC SCALE:
1. R. MACENTEE 15
2. DOC MARTIN 13
3. S. GILBERT 7
4 MORE

MIAMA PISTACHIO
1. R. MACENTEE 13
2. DOC MARTIN 11
3. J. WORMLEY 8
3 MORE

MODEL OF A MODEL
1. DICK OBARSKI 5
2. R. MACENTEE 4
3. VINCE SADWICK 3
2 MORE

FAC DIMESCALE
1. R. MACENTEE 13
2. D. HARDCASTLE 12
3. DOC MARTIN 9
5 MORE

MIAMA COCONUT
1. R. MACENTEE 4
2. S. NORIEGA 2
3 MORE

LEGAL EAGLE
1. D. OBARSKI 22
2. N. BOLLINGER 17
3. S. GILBERT 9
6 MORE

FAC EMBRYO
1. N. BOLLINGER 18
2. J. BARKER 9
3. S. GILBERT 8
6 MORE

AMA BOSTONIAN
1. R. MACENTEE 17
2. N. BOLLINGER 15
3. S. GILBERT 9
6 MORE

AMA MINI STIK
1. D. HARDCASTLE 5
2. W. VAN GORDER 3
3. STAN CHILTON 2

FAC NO-CAL
1. D. OBARSKI 12
2. R. MACENTEE 10
3. JOE NUSZER 4
4 MORE

AMA EASY B
1. D. HARDCASTLE
2. JOHN BARKER

AMA PENNY PLANE
1. D. HARDCASTLE
2. W. VAN GORDER

LIMITED PENNY
1. HARDCASTLE 5
2. OBARSKI 3
3. VAN GORDER 2
2 MORE

PEANUT MASS L.
1. GILBERT 23
2. MACENTEE 19
3. MARTIN 14

COCONUT MASS L.
1. MACENTEE
2. CHOATE
3. NORIEGA

AMA CATAPULT GLIDER - CHAS. NELSON

MIAMA HALL OF FAME 2000 - 2001
30TH INDOOR FLYING SEASON

STATE CHAMPION
RICH MACENTEE
RUNNER UP N. BOLLINGER

OVERALL:
1. RICH MACENTEE 133
2. NEWT BOLLINGER 98
3. DOC MARTIN 85
4. DICK OBARSKI 75
5. SIDNEY GILBERT 62
5. RANDY OSBORNE 62
7. JOHN WORMLEY 53
8. DAVE LINSTRUM 46
9. JOHN BARKER 42
10. BOB SHAW 21
10. JOHN POLENTO 21
14 MORE FLEW

FAC PEANUT
1. R. MACENTEE 33
2. DOC MARTIN 23
3. N. BOLLINGER 22
8 MORE

FAC SCALE
1. RICH MACENTEE 22
2. DOC MARTIN 20
3. VTO LINSTRUM 14
6 MORE

MIAMA PISTACHIO
1. VTO LINSTRUM 7
2. DOC MARTIN 6
3. S. GILBERT 4
3 MORE

MODEL OF A MODEL
1. DICK OBARSKI 10
2. S. GILBERT 9
3. R. OSBORNE 8

FAC DIME SCALE
1. RIC CHOATE 8
2. DICK OBARSKI
DOC MARTIN 7
3. J. WORMLEY 5
R. MACENTEE
3 MORE

MIAMA COCONUT
1. R. MACENTEE 17
2. DOC MARTIN 14
3. VTO LINSTRUM 10
7 MORE

MIAMA LEGAL EAGLE
1. D. OBARSKI 29
2. N. BOLLINGER 25
3. R. MACENTEE 19
7 MORE

FAC EMBRYO
1. R. MACENTEE 17
2. N. BOLLINGER 16
3. RANDY OSBORNE 12
6 MORE

AMA BOSTONIAN
1. MACENTEE 24
2. BOLLINGER 23
3. RANDY OSBORNE 9
10 MORE

AMA MINI
1. J. BARKER 6
2. LINSTRUM 4
OBARSKI

FAC NO-CAL
1. D. OBARSK 19
2. J. WORMLEY 17
3. B. SHAW 14
R. MACENTEE
5 MORE

AMA EASY B
1. J. BARKER 3
2. OBARSKI 2
3 MORE

AMA PENNY
1. R. MACENTEE 8
2. D. OBARSKI 5
3. J. BARKER 4
4 MORE

AMA CAT. GLIDER
C. NELSON

MIAMA - 31ST INDOOR FLYING SEASON

CONFIRM ALL MEETS THE NIGHT BEFORE. CALL 305-858-6363

JULY 9 INFORM WEST BADEN YOU ARE COMING 304-525-2137

JULY 21,22 FAC NON NATS GENESEO

AUG 11,12 FLY ME TO THE MOON

AUG 18,19 MAC DILL FAC ROW MEET AND HANGAR TRIM SESSION

AUG 18,19 PALM BAY FLA. STATE MEET

SEPT 8,9 " " DIST II CHAMPS

SEPT 29,30 MAC DILL MIAMA #1 AWARDS BANQUET SAT. NITE

OCT 27,28 ST. PETE MIAMA #2 US COAST GUARD CAT II

NOV 17,18 MAC DILL MIAMA #3

NOV 17,18 PALM BAY SAM 46

DEC 29,30 DELTA INDOOR KING ORANGE - TAMPA MIAMA #4

DEC. 29-31 OUTDOOR KING PALM BAY ORANGE

FEB 2,3 ST PETE MIAMA #5 TROPICANA RECORD TRIALS

MAR 24,25 ARMORY MIAMA #6

APRIL 28,29 ST PETE USCG #

MAY 30-JUNE 3 MIAMA 7 JOHNSON CITY NATS

THE HANGAR PILOT
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