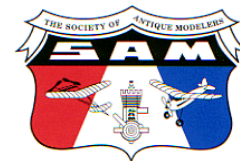




(Official
newsletter of
the
"BlackJack"
Club)

May 2014 # 41cwc



SAM 21 CLIPPER

Society of Antique Modelers

Chapter 21

AMA Charter Club No.1470



Left: On a day which started off overcast, cold and perilously windy for the less adventurous 1/2A/ Speed 400 flyers, Henry **Smith**, left, being timed by Brian **Sargent**, keeps a close eye on 'Hedy,' his Speed 400 entry early in the event. Note the exotic eye wear...

Henry's choice of timers turned out to be questionable as Brian managed to outscore him in Speed 400 when all was done.

(see results and pics on page 5)

... in this issue:

- P.2 - ... 2014 SAM WESTERN REGIONAL EVENT CALENDAR
- P.3 - ... APRIL MINUTES AND MAY AGENDA
- P.4 - ... FROM THE APRIL MEETING / FROM THE RIGHT SEAT
- P.5 - ... SAM 21 SPEED 400-1/2 A CONTEST RESULTS
- P.6 - ... "TWO VIEW" THE FEATHER MERCHANT
- P.7 - ... THREE VIEW - THE BENNY BOXCAR
- P.8 - ... THE SIMPLEX PROJECT UPDATE...
- P.9 - ... SAM 21 LOREN SCHMIDT MEMORIAL CONTEST FLYER
- P.10 - ... OFFICER ROSTER AND 2014 MEMBERSHIP APPLICATION

Next Meeting:

Thursday, May 22, 7:00 pm

SARATOGA FIRE HOUSE

Corner Saratoga Ave. and Saratoga Hwy

Park in rear and enter through front door

For the Goodie Schedule - see page 2

Thanks to **Alan Peterson** for delivering the **April** Goodies!

And

Thanks to Brian **Sargent** for the **Coffee!**



2014 WEST COAST EVENT SCHEDULE

Revised 5/13/14cwc

Italics are PRELIMINARY Dates - SUBJECT TO CHANGE

Bold are confirmed dates Shaded are completed events

JAN	4	5
JAN	11	12
JAN	19	20
JAN	26	27
<hr/>		
FEB	1	2
FEB	8	9
FEB	15	16
FEB	22	23
<hr/>		
MAR	1	2
MAR	8	9
<hr/>		
MAR	15	16
MAR	22	23
MAR	29	30
<hr/>		
APR	5	
APR	12	13
APR	19	20
APR	26	27
<hr/>		
MAY	3	4
MAY	10	11
MAY	17	18
MAY	24	25
MAY	31	
JUNE		1
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JUNE	7	8
JUNE	14	15
JUNE	21	22
JUNE	28	29
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JULY		4
JULY	5	6
JULY	12	13
JULY	19	20
JULY	26	27
<hr/>		
AUG	2	3
AUG	9	10
AUG	16	17
AUG	23	24
AUG	0	31
<hr/>		
SEPT	6	7
SEPT	7	8
SEPT	14	15
SEPT	21	22
SEPT	28	29
<hr/>		
OCT	4	5
OCT	11	12
OCT	18	19
OCT	25	26
<hr/>		
NOV	1	2
NOV	8	9
NOV	15	16
NOV	22	23
NOV	30	
<hr/>		
DEC	6	7
DEC	13	14
DEC	20	21
DEC	27	28
JAN		

1/18-20 2014 SOUTHWEST REGIONAL, Eloy Az
1/25 SAM 21 BANQUET— HOLDER's Country Inn, San Jose

Special Event Note: SAM 51 has advised that their Chapter will be holding monthly Fun Fly events on the First Thursday of **each month**, WX permitting, until further notice at Woodland/Davis. For more info contact Ken Holden at: kdholden@gmail.com

3-22-23 SAM 26 Spring Annual, Wekerly Field - near Bakersfield
CD: Dick Fisher - 805-489-4078

4-4-5 only NCCFFC Sierra Champs - FF/only- Waegell Field

Sunday Only 4/27 - SAM 21 Speed 400/1/2A TEXACO contest - Dwarf's Field, So. San Jose

Sunday 5/11 Mother's Day

SATURDAY 5 - 17 WINGS Of History OPEN HOUSE - Morgan Hill ?

5/31 - 6/1 SAM 21 38th Annual and First "Loren Schmidt Memorial" - Schmidt Ranch

Saturday 6-1 only - West States Champs-FF/OT RC Waegell Field

Sunday 6/15 Father's Day

Friday 7/4 Independence Day

7/26 - SAM 30 Fun Fly - 'Simplex Day', Schmidt Ranch

Monday 9/1 Labor Day

5/7 SAM 27 Annual 'Crash and Bash' - Schmidt Ranch
9/8 Sunday Only- SGMA Combo - OT RC Assist, Waegell Field
14/18 SAM Champs - Muncie Indiana

Saturday 19 - SAM 21 S- 400 & 1/2A TEXACO contest—DWARFS?
10/25/-26 SAM 26 John Pond Commemorative - Wekerly Field - near Bakersfield - CD: Bob Angel 805-937-5145
Sunday 10-26 Only- SGMA Fall Contest- OT RC Assist, Waegell Field

Saturday 11-1 ONLY - SCCMAS Swap Meet

Saturday November 15th - SAM 21 MECA COLLECTO

Thursday 11-27 Thanksgiving Day

Thursday 12- 25 Christmas Day

Thursday 1- 15 NEW YEARS DAY 2015

VISIT SAM 21 Website:
WWW.SAM-21.ORG

2014 Meeting Dates

7:00 p.m.

@ SARATOGA FIRE DEPARTMENT

Corner Saratoga Ave & Sunnyvale-Saratoga Hwy

January 23

February 27

March 27

April 24

May 22

June 26

July 24

August 28

September 25

October 23

November 20

(due to Thanksgiving Conflict)

December 18

(due to Christmas Conflict)

2014 "GOODIE" Schedule

Here are the assignments for 2014, excusing those who normally do not attend meetings on a regular basis.

If you cannot accommodate this schedule, then **it will be your responsibility to "volunteer"/coerce another member to take your place.** Don't say you weren't warned.

And, if you feel 'The Call' (and aren't on this list), please call one of the unfortunate souls on the list or the 'Standby' and offer to take their place.

JANUARY	Eberhardt
FEBRUARY	Martinez
MARCH	Vanderbeek
APRIL	Peterson
MAY	Leopold
JUNE	Lewis
JULY	Marshall
AUGUST	Gurney
SEPTEMBER	Henry Smith
OCTOBER	Saso
NOVEMBER	Sargent
DECEMBER	Dowling

Standby: Eberhardt



APRIL 24, 2014 MINUTES



Call to order: President Gary Leopold at 7:04pm

Members present: 12

Guests present: None

Introduction of guests: None

Approval of minutes of the meeting of March 27, 2014:
Approved

Treasurer's report: *Lescher Dowling*: Club is solvent.

Membership report: *Lescher Dowling*: 28 Regular
Associate 15 Life 5 Total 48

Competition report: *Dave Lewis*:

A) SAM 26 Spring Opener – Bakersfield Results are in the newsletter.

B) SAM 21 Loren Schmidt Memorial planning. Need help for the barbeque.

C) SAM 21 1/2 A/Speed 400 - Dwarfs 4 - 27 – 14
8:30 – 11:30. Brian Sargent will do the food and drinks.

Unfinished Business/Reports:

A) Simplex Build/Fly Project: *Bill Copeland*

The 'EVENT' will take place at the Schmidt Ranch on Saturday July 26. Proposal is a 30 second motor run for the first round. 20 second motor run for the second round (and third round if needed).

FLY OFF – MASS LAUNCH, 30 second motor run, Last one down is the **winner!**

New business:

None

BREAK!!! 7.28pm Resumed 7:50pm

Show and Tell: *Bill Copeland* and *Joe Poco* showed Fuselage and Wing for the Simplex
Alan Peterson showed Fortastrap, 36" Wing span 216 Sq in.

Refreshments: *Alan Peterson*

Coffee by: SAM 21, courtesy of *Brian Sargent*

Adjournment: 8:08pm

Next meeting: 5/22/14 at: 7:00 pm, Saratoga Fire Department

MAY 22, 2014 AGENDA

Call to order: President Gary Leopold

Members present:

Guests present:

Introduction of guests:

Approval of minutes of the meeting of April 24, 2014

Treasurer's report: *Lescher Dowling*

Membership report: *Lescher Dowling*

Competition report: *Dave Lewis*:

A) SAM 21 1/2 A/Speed 400 - Dwarfs 4 - 27 - 14

B) SAM 21 Loren Schmidt Memorial planning: All

Unfinished Business/Reports:

A) Simplex Build/Fly Project: *Bill Copeland*

New business:

A) Alternate Meeting Site: *Bill Copeland*

BREAK!!!

Show and Tell: All

Program: *TBA*

Refreshments: *Courtesy of Gary Leopold*

Coffee by: SAM 21, *Courtesy of Brian Sargent*

Adjournment:

Next meeting: 6/26/14 at: 7:00 pm, Saratoga Fire Department ?



... From The February Meeting ...

Missing a few 'regulars', the meeting was nonetheless well attended and some issues around the pending contest at Dwarfs and planning details for our SAM 21 annual at the Schmidt Ranch were discussed and resolved.

The most momentous decision was to go ahead with the Speed 400 - 1/2 A contest to be held at Dwarfs, rain or shine despite less than an ideal weather forecast. As it turned out the forecast was only partially correct and the event went off with some interesting results. (see Contest Coordinator Dave Lewis' report on page 7)



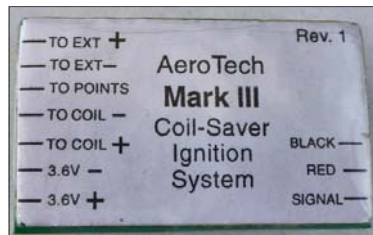
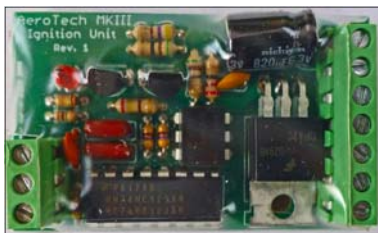
Above: A smiling Alan Peterson displays his latest handiwork - a 1/2 A 'Fortastrop' (what not to name your kid) free flight. Alan used a BMJR kit, from a 1954 design by Frank Gar-cher.



It is interesting to reflect for a minute that this year's edition of a SAM 21 annual contest will mark, according to the best available record, the 38th annual celebration of SAM 21 Old Timer competition. I'll do the math for you - the first one was held in 1976 - where were you then?



Unfortunately your editor's request for members building Simplex's to bring the results of their labors to date to the meeting fell on mostly deaf ears. The idea was to attempt to reassure SAM 30 that their competition was on the way. Sr. Joe brought his completed wing and I brought the framework for my fuselage - that was it. I guess they'll just have to take our word for it. Perhaps I will make the request again for the June meeting.



Above, left: over head view of the Mk III Ignition module
Right, Bottom view of the unit showing simple wiring directions

... Notes From The Right Seat



The economy is improving, I have proof of it, which I submit here:

Out of the blue I received an e-mail from Marv Stern. Marv is the guy who markets the Aero Tech Electronic ignition system, one of the best available on the market today. I met Marv at the SAM Champs in Muncie - I think in 2010 and found him to be straight forward and knowledgeable.

My mantra has long been: If I can make it work, anyone can. I have proved this many times. I have several copies of earlier iterations of the unit, and find them easy to install, wire and use.

Marv wanted to know if he could advertise his latest, Mark III version of his ignition system in the Clipper, and I was happy to advise that he could - see his Ad on the back cover of this issue. Here is what he has to say about the unit:

The Mark III Ignition System combines an ESW-1 Electronic Switch with a powerful Mark II Coil-Saver Solid State Electronic Ignition unit, thus eliminating the need for a cumbersome servo/mechanical switch arrangement. A unique feature cuts off the ignition if the receiver loses signal, or if the engine stops with the points closed, preventing damage to the coil or ignition unit.

The part about the "Coil Saver" seemed to be an important addition to the Ignition unit, especially if one is using a 1s Lipo to power the ignition system. Don't want to run them babies down...

Also convenient is the ability to neatly hook up to an external battery for starting and testing purposes without having to use the on board battery. I highly recommend the Aero Tech system...

Below and left are some pictures of the unit...

AMA 37944 - Over and Out ...



The Aero Tech Mk. III Ignition unit



SAM 21 SPRING 2014 SPEED 400 - 1/2-A TEXACO CONTEST - RESULTS

FLIER	MODEL	AREA	FLITE 1	FLITE 2	FLITE 3	TOTAL
SPEED 400						
1) Brian Sargent	Star Dust Sp.	309	15:00	9:17	12:05	27:05
2) Henry Smith	Hedy	340	12:03	8:18	6:46	20:21
3) K. Martinez	B. Bombshell		1:51	5:13	5:36	10:49
1/2 A TEXACO						
1) Brian Sargent	Anderson Pylon	288	7:02	8:07	12:07	20:14
2) Gary Leopold	Rambler		9:27	7:40		17:07
3) K. Martinez	B. Bombshell		4:40	5:57	1:22	10:37

The day (Sunday, April 27, 2014) started off cool (51 degrees) and windy (about 12 mph) and very overcast. However, as time passed, the overcast started breaking up, the wind slacked and the temp. went up, so it turned into a rather nice morning. Strangely enough, some of the best times posted were when it was windy and cool; when it was less windy and also warmer, the posted times went DOWN. In any case, it certainly showed that rather small models with skilled pilots can handle wind and still put in some pretty good scores.

Brian Sargent dragged out the Weber and cooked a delicious BBQ lunch for everyone who hung around, which was very much appreciated by all. Thanks, Brian.

Dave Lewis, CD

Note 'fake' wind sock used to lure unsuspecting pilots to fly no matter how hard the wind is actually blowing ...



Above: Dave Saso in his laid back viewing stance checking the stability of the picnic table. Note he has not moved in the picture right.

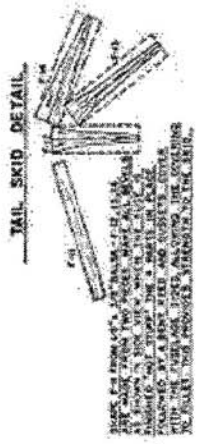
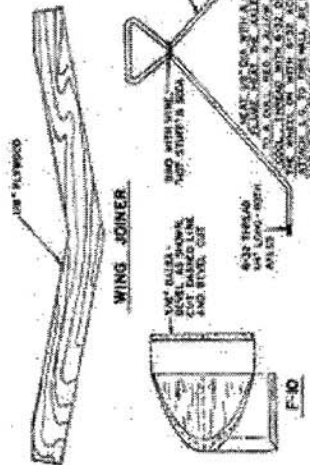
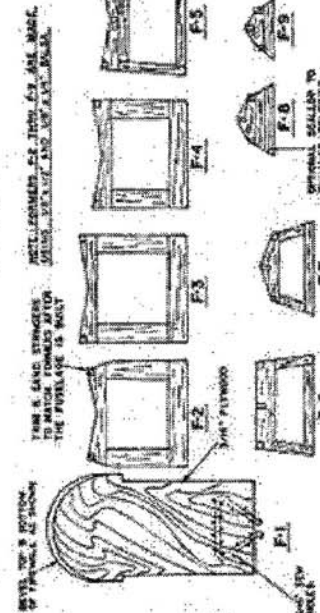
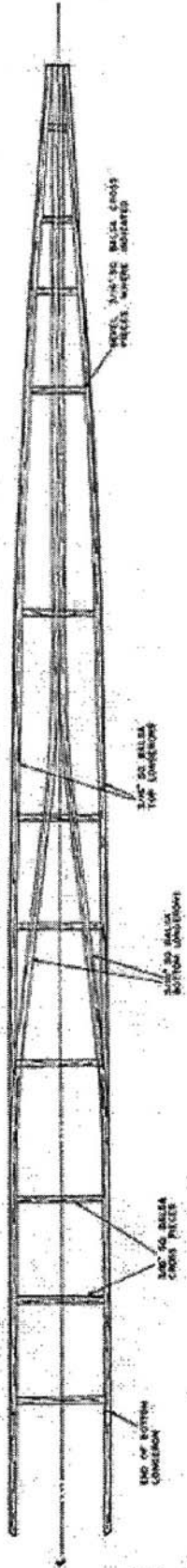


Left: President Leopold times for eventual winner of both Speed 400 and 1/2A events, Brian Sargent

Dave Marshall says: 'thar's buzzards over yonder...'

Here they are, 7 of 8 weather warriors who showed up in the 'rain or shine' challenge. Your Ed/photographer made 8...

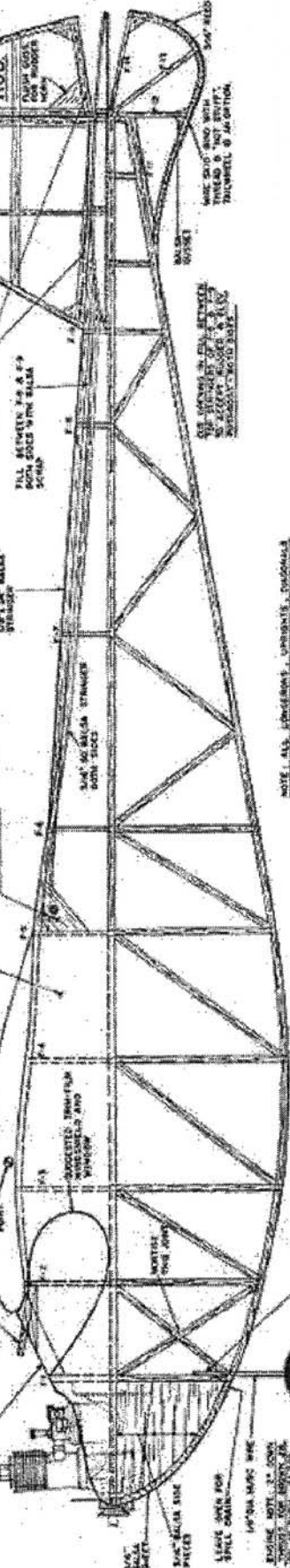
FUSELAGE TOP VIEW



LANDING GEAR DETAIL



NOTE: THE MOTOR SHOULD BE COVERED FROM THE FORWARD TO AFT END OF THE FUSELAGE. IT SHOULD BE ENCLOSED IN A LIGHT-WEIGHT METAL SHEATHING. THE MOTOR SHOULD BE COVERED WITH A LIGHT-WEIGHT METAL SHEATHING. THE MOTOR SHOULD BE COVERED WITH A LIGHT-WEIGHT METAL SHEATHING. THE MOTOR SHOULD BE COVERED WITH A LIGHT-WEIGHT METAL SHEATHING.



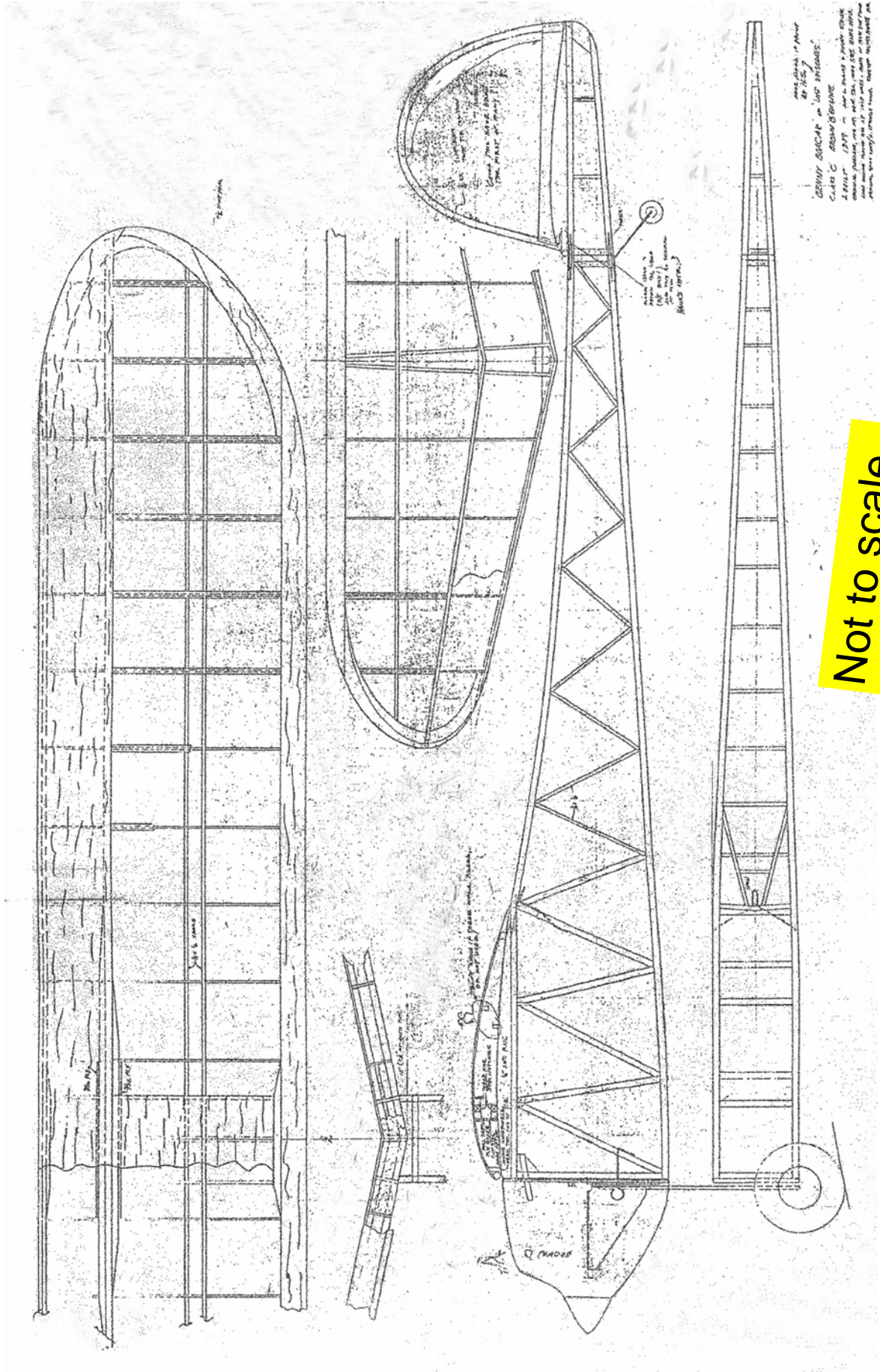
FEATHER MERCHANT 72
A 1949 DESIGN BY FRED LEHMBERG
INFILED PLANS BY ZEE GILMARGO

FUSELAGE SIDE VIEW



Not to scale





Not to scale

The Benny Boxcar



The Simplex Project Update

You're thinking that the SIMPLEX is a little known model, read on...

... And now, a few words about the history of the SIMPLEX, and some other things, from Mike Myers as he works through the restoration of a really old SIMPLEX.

"I did this wing in a light grey silk. It's now brittle and shattered. Will strip it and recover it with Monokote or Ultra Coat or whatever.

A word about the wing structure. The Australian kit for the Simplex says that the wing is stressed for engines smaller than .30—if you want anything larger you need to strengthen the spar. Stu **Richmond's** notes on his Simplex plan say "no balsa in the spar"—oh Stu was looking for a spruce spar. And Stu was using a K&B Sportster .20 which is okay, but not the world's biggest powerhouse. He was also writing before the composite era. I'd bet Dave **Harding** would make some kind of carbon fiber sandwich in there.

A few years back at Taft, I did manage to fold a Red Ripper wing that Bob **Hartwig** had built and flown back in Indiana. It was the full size Red Ripper at 72 inches. Bob was selling some of his models at Muncie and I bought the Red Ripper. He'd flown it for several years with an OS .32 and no problems. I put a brushless inrunner on it with a planetary gearbox. My battery pack was an eight cell 1000 mah NiCad job. I took off on its maiden flight at Lost Hills—made my first gentle turn at 200 feet or so—and the wing clapped hands. Fuselage came straight down on a haul road, which might as well have been cement. Goodbye to the gearbox and motor. Well maybe the motor survived but the gear box is kaput.

The E Flite 480 doesn't weigh all that much and the 3S1P 2200 mah LiPo is probably half the weight or less than the NiCad pack in the Ripper.

I would still suggest that guys building the 60" Simplex beef up that balsa spar with some kind of reinforcement—whether it be going to all spruce, or to spruce caps top and bottom on a balsa spar etc. My Simplex wing has an all balsa spar right now and I'll have to figure out some kind of reinforcement for it."



Mike continues:

"Here's the fuselage. Covered in nice red silk which became very brittle over time. So off it comes. I also need to redo the engine room area.

I'll put HS 81 servos in the very tail with short CF pushrods to the tail surfaces. Spektrum 2.4 receiver of course. I'll build a vertical battery storage area right behind the firewall. That may or may not get me the CG correct, but I'll sort that out with pieces of lead at the appropriate places. I don't want the battery flopping around in flight.

The fuselage was originally set up for a spark ignition engine and so there are holes for an Austin Timer etc. I'll clean up the planking on the sides and get rid of the holes. Speed control will go forward of firewall. I'll have to build a little plywood motor mount to get prop plane on the E Flite 480 at an appropriate distance in front of the firewall. I like "arming plugs" on larger electric models and will install one of those on the left front side of the fuselage."

Stay tuned, there's more next month...



The 38th Annual SAM 21

(now) The Loren Schmidt Memorial

Spend a weekend at the
Schmidt Ranch

11948 Franklin Rd, Elk Grove, Ca. 95758

Tele: 916-684-2265

The Dates: May 31/June 1, 2014



... AMA Sanctioned Old Timer Contest ...

ON SITE VICTUALS:

FREE BOTH DAYS: Miriam's Famous
Pancake Breakfast both days (you fix 'em and wash up)
Lunch: Saturday and Sunday - noon -
Burgers and Dogs and stuff \$5.00
Banquet Saturday evening 6:00 pm
Chef Brian's famous BBQ Steak w/corn on the cob and stuff
A rare bargain at \$25 - RSVP REQUIRED on or before May 27th
Call Brian at: (408) 656-3662 or <bhsargent@gmail.com>

EXCITING DRAWING

Many Great Prizes:

- Ready To Fly Airplanes
- Kits
- Engines
- Building Supplies
- Electronic Gadgets

CONTEST EVENTS

Fly any Event, Either Day - Events Started on Saturday, may be Completed on Sunday.

Last flight airborne by: 4:00 pm Saturday, 3:00 pm Sunday

A GLO/IGN LER - Combined

B GLO/IGN LER - Combined

C GLO/IGN LER - Combined

TEXACO GLO/IGN - Combined

1/2A TEXACO/SCALE - Combined

OHLSSON SIDEPORT/.60 and .23 - Combined

ANTIQUA - Combined

SPEED - 400 LMR

ELECTRIC TEXACO

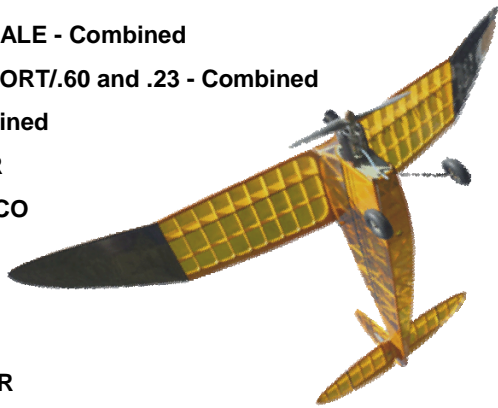
BROWN JR LER

ELECTRIC LMR

A.L.O.T.

OLD TIME GLIDER

SPIRIT OF SAM CONCOURS - Must complete one official flight - Judged during lunch on Sunday



NOTES:

Contest Director: Brian Sargent

Assistant CD: Steve Roselle

Registration: Opens 8:00 AM both days

Pilots briefing: 8:30 AM both days

Entry Fees: \$10 First Event (\$2.00 to Miriam) \$5.00 Each additional - Max \$40

Awards: Through Third Place: Participation Plaques for all pilots entering; Perpetual Championship Trophy award based on Points earned in **ALL EVENTS FLOWN**

Motor Homes/Trailers: Parking for Motor Homes and Trailers on first come basis but no hook-ups

Drawing: To be held after Contest results announced on Sunday. Tickets: \$1.00 each or, 6 for \$5.00, 12 for \$10 ... etc. No limit! Need not be present to win ...

Local Accommodations:

SUPER 8 Motel	FLORIN Road	916-427-7925
MOTEL 6	ELSIE AVE, SAC	916-689-6555
MOTEL 6	MACK Rd	916-689-9141
BEST WEST JOHN JAY INN	MASSIE CT SAC	916-689-4425
BEST WEST GALT INN	LINCOLN WAY	209-745-9500



Bill Copeland
4863 Primrose Lane
Livermore, CA 94551



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 (as of today)

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 E-mail - klarichkits@Gmail.com
 Web Site - Klarichkits.com
 916) 635-4588

AeroTech MK III Coil-Saver Ignition Unit

Optically isolated against noise. Unit turns off if signal is lost or engine stops prematurely with points closed. No soldering required.
 Price \$45.00 USD includes shipping.
 Check, money order, or PayPal accepted.
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Mail form to Treasurer:
 Lescher Dowling
 1122 Merrimac Drive
 Sunnyvale, CA 94087

SAM 21 - 2014 Membership Application Form

Check one: NEW Member RETURNING Member
 Check one: FULL Member \$25 ASSOCIATE Member \$15 (newsletter only)

SAM No. _____ AMA No. _____
 (Req'd if full)

Name: _____

Address _____

City, State, Zip _____

Phone: _____ Cell _____

