

"EL TORBELLINO"

Vol. II - No. 6

October, 1966

Editors: Mather, Harvey, Harvey, Saley & Others

MEETING DATES

- Friday, Oct. 14 - North Clairmont Community Center - 7:30 PM
Frantic Free Flight Festival
(Free Skeeters - Free Rubber Lube,
Free Timers - Free Entry - Free Advice)
Bring: Stop Watches, winders & yourself.
- Friday, Nov. 11 - Surprise program to be announced - 7:30 PM
at the October meeting.

CONTEST SCHEDULE

- Sat. & Sun.
Oct. 22 & 23 - San Diego Orbiteers Seventh Annual - Lake Elsinore
Model Airplane Meet. The West's Most-
Southern California's Grandest and
Tijuana's Pride. Full house of 12
classes - 8 events.
Trophies to 3rd place in each.
Ribbons for 4th & 5th.
Two Junior Trophies.
Merchandise Awards.
Fun - Sun - Fellowship & Flying.
- Sat. & Sun.
Oct. 29 & 30 - Fresno Annual (26th) - Fresno
Also large - but size diminishes
with the distance.
- Sunday Oct. 30 - Califas Record Trials - Lake Elsinore
(Vela - Norton & Group)

Sunday, Nov. 6 - Max Men Monthly - Lake Elsinore
Sat. & Sun. - $\frac{1}{2} \Delta - A - (B/c) (\Delta-1; \Delta-2)$
Nov. 12th & 13th - Western Free Flight Association - Taft
Annual F.A.I. Invitational
Dinner - Dance - Doings

Sunday, Nov. 13th - SCAT Nordic Challenge Cup - Taft
In conjunction with above.

SEEN & HEARD

by Russ Soley

Want to get a sparkling gloss finish on your next job? - Maybe like Brian Donn gets on his Wakefields. His secret is liquid Urethane. A 24 Oz. spray can sells for \$4.95, but Brian being Scotch (well, Scotch-like) gets it from Standard Brands for a lousy \$1.10! It dries in about $\frac{1}{2}$ Hour and is easy to use. Don't know if it's hot fuel proof - someone want to experiment?

Would you believe: After three years of trying, Russ Merrill, finally flew his antique "Jabberwock" to a 5th place ribbon at our August monthly? Now who said those things can't win? Come around again in 1969 and see for yourself - would you believe 1970? 75? The 21st Century?

It was good to see the Southern California Aero Team finally come out with the 2nd issue this year of their fine newsletter, "Scatter". We liked their headline too: "Reduced RC Coverage".

After trying for two years to produce acceptable photo's for our newsletter (at little or no cost) we feel we finally did it: As per the last issue. Gene Bach had stumbled across a forty thousand dollar machine at the local McDonald Aircraft Facility, procured a "gaggle" of free film needed for the processing - and away we went. Then, as you know, away Gene went - to China Lake: Exile West. Our problem now is to find another McDonald employee stationed at Miramar and a dedicated Free Fighter. Thanks, anyway, Gene, it was a noble try and we're all sorry that you apparently got caught!

Some guys have got it and other haven't department:

Did you see Ed Simpson testing his new 208 Sq. In. $\frac{1}{2}$ A job! Like it's here now & 700 feet up 10 seconds later. It is truly a beauty, and that completely enclosed engine is unfair to the rest of us. We're waiting to see a climbing contest between Ed's and Mathers Red, Hot Rod. It should prove interesting. Oh yes, the Haven't Department: Too bad about that Les Hill! Why don't you chop something off the tail and change the name to Jewish something or other?

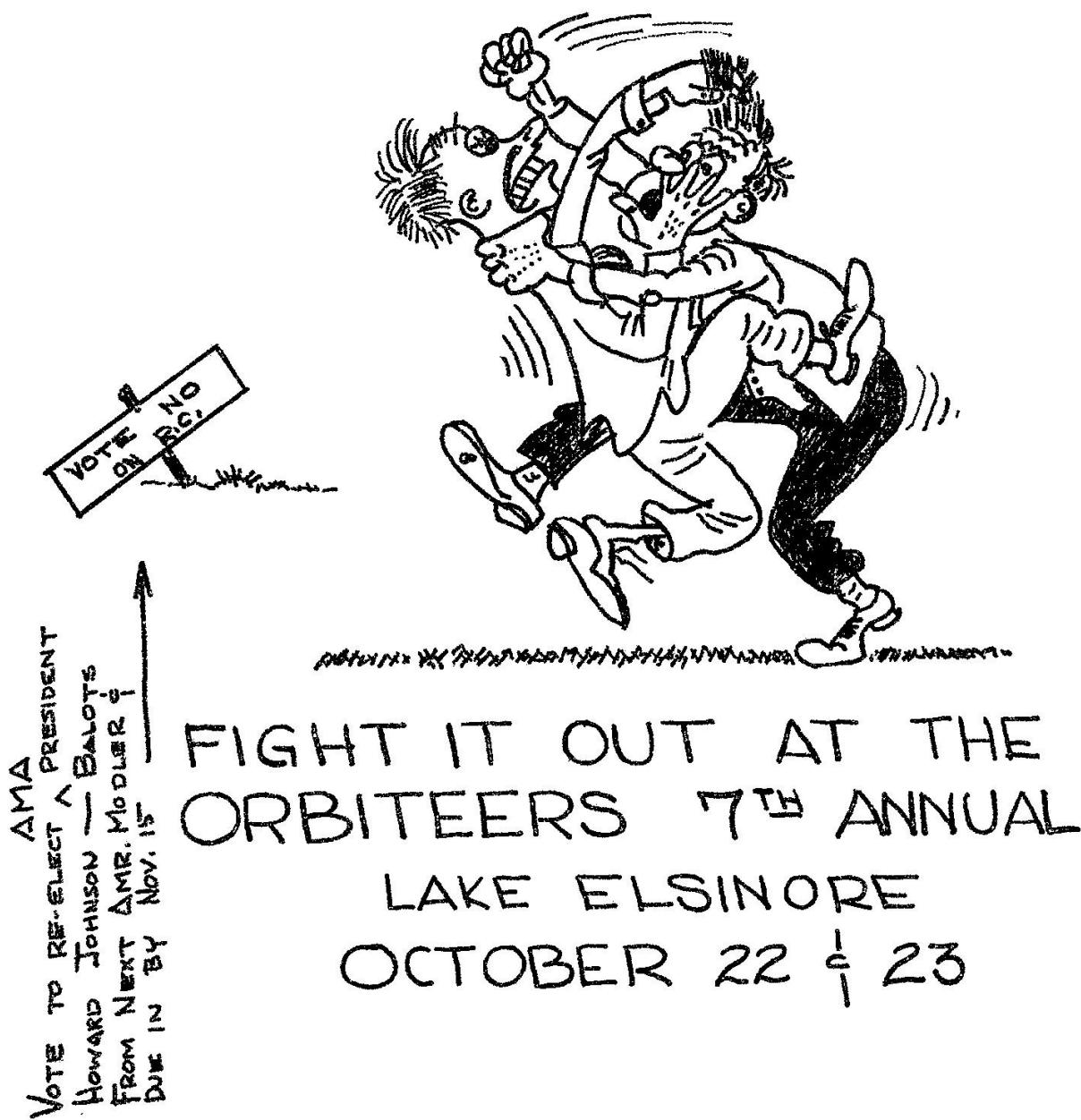
The Cal-Western next year should be very big - and look for the hobby industry to put-up 6 - \$100.00 prizes for Juniors: 3 each in F. F. and control line! (Oh! to be young again.)

Amazing Fact Department: The Orbiteers have won 6 out of 8 Challenge C. contests in FAI!

Amazing Fact #2 - Les Hill claims the reason we won four of these was because he was on the winning teams!

Final Amazing Fact - Hill can drink several "Rob-Roys" at one sitting.

How you coming on that building program, Nat?



THE PRESIDENT'S CORNER

by Clarence Mather

All of us can take pride in the club's new duplicating machine. While we all helped make it possible through payment of dues; special thanks go to Gene Larson, and Fudo Takagi. During their tenures as treasurer, the club's bank balance grew to where the two hundred dollar purchase could be made with no real strain. Gene and Fudo's precise accounting, cautious spending, and gentle (usually) prodding of dues delinquent members have had much to do with the club's financial health.

Our newsletter's founding fathor, Russ Seley, leaves for a several week session at Managerial School in Ohio, and we wish him well. From the success of his business, I judge that Russ should be a prof. rather than a student! After listening to a description of the school grounds: trout lake; golf course; go-go girls - er, no I guess Russ didn't mention any of those -- I wonder just how much managing will be studied!

Hear Ye! Hear Ye! Our big two-day club contest is coming up on October 22nd, and 23rd. Let's everybody get up to Lake Elsinore, and fly and time! Les Hill, our contest director, needs lots of help. In the past our club members have been great in their cooperation, and assistance, and we are again looking forward to a fine club effort! Those of us who expect to enter and fly should remember that timers will be needed so we should be willing to take time between flights to time a couple! The work burden should not have to be borne by a few. See you there!

Thunder Bugs Annual - Taft, California

by Clarence Mather

Four Orbiteers traveled to Taft, September 17th, to take in this big two day meet. Due to a late start, we arrived at the flying field about 3:00 a.m. It was a nice clear warm night, and the local yokels — er heroes, decided to nap right on the field. Peasants, Larry Simpson and Fudo Takagi curled up (?) in the car while aristocrats, Mather and Harvey, spread out sleeping bags on the ground. After surveying the starry skies for a very few minutes, we started to drop off to sleep. However, a distant buzzing sound grew to a loud crunching of gravel, and a pair of auto headlights glared in our eyes. The car veered well, before hitting us, but the approach startled Mather wide-awake; — Howard appeared to be as oblivious as a hibernating grizzly bear (he later denied that he slept through it). Some minutes later peace was restored, and again sleep seemed near then — what's that? The same deal all over again from the other direction! *??* # To make a long story short that car kept driving back and forth for at least an hour, and if tossable boulders had been available the car would have had at least one dent! After a very short nap — dawn came and four very beat modelers rose to prepare to do battle. As we folded our bed rolls — yep! you guessed it; that same car came driving slowly by again!

We did a lot of flying, and had a good time. The complete results would fill a couple of pages, but Larry Simpson placed second in A-1, while Howard Harvey won Old-Timer Glo.

There was a lot of good flying at the meet, including Ed Leinderman, a junior, winning A-1 with five mixes. Apparently acquired characteristics can be inherited since Ed is John's son! Night flying was an enjoyable experience. Amos Kleinsasser had his War eagle going great and totaled 35:31 to win!

ORBITER OF THE YEAR 1965 - 1966

FINAL POINT STANDINGS

SENIOR - OPEN CATEGORY:

1.* HOWARD HARVEY	152	POINTS
2. DON SLOAN	118	
3. LES HILL	114	
4. CLARENCE MATHER	97	
5. GENE LARSON	96	
6. BOB FERGUSON	87	
7. RUSS SELEY	77	
8. GENE BACH	64	
9. NAT ANTONIOLI	60	
10. BRIAN DOWD	57	

JUNIOR CATEGORY:

1.* BILL HARVEY	42	POINTS
2. GARY BRADLEY	17	
3. JIMMY LARSON	16	
4. LOU VARGO JR.	13	
5. PAUL FERGUSON	3	

NOTE: POINTS FOR 1966 - 1967, START AT OUR ANNUAL MEET, OCT. 22 - 23, 1966.

THE "HOOKY"

by Larry Simpson

The "Hokey" A-1 was designed way back in the vintage year of 1963, for the up-coming Nationals. After three years of going through various fuselages, stubs, etc., plus many trim adjustments, we, (the glider and I) arrived at the present configuration and trim. The major change was a shortened tail moment. The reason for this is that, I believe a glider will have a tighter turning radius in thermally wether, and permitting quicker recovery in gusty air, and from bad launches.

Present stab has a slight undercamber, but has proved to be to no advantage. The incidence had to be increased by adding negative angle to the stab to prevent spinning in strong thermals.

The construction is so-called standard as A-1's go, with possible exception of plug in wings. The fuselage is $\frac{1}{4}$ " sheet balsa, stiffened with a $\frac{1}{8}$ " sq. spruce strip cemented to the top.

One feature I like, original or not, is the "anti-hook-fall-off". Simply a piece of .016 wire bound and soldered to the tow hook; this prevents premature release of the line, allowing the glider to tag-along while waiting to tow through some "good air", or when your "running down wind, and run out of gas". You can reel it in like a fish. I have used this on all my A/1's and A/2's, and for all you disbelievers it has never hung up. (would you believe only once!)

The "Hook" details are on the 3-view.

I can't say "Hokey" has turned in any fantastic performances, but has been the most consistent A/1 I have flown, especially in the wind. Some of its wins have been at the '63 Nats. A second place, (alias millstream); 3rd. at Orbiteers Annual; 3rd. at Buckeye, and most recently the T-Bugs Annual at Taft -- a second place, while fighting 20 - 25 mph. gusts.

IN -- OUT -- & -- ETG.

by Fud.

Three rubber events - Wakefield, Unlimited & Coupe d'hiver; at Taft sponsored by the Oakland Cloud Dusters. \$25.00 & a stop watch for First, and a stop watch for novices in rubber - (where was Gene Bach)?

Excellent weather on Saturday led to 3 - 5 min. maxes plus 9 for Manny Andrade. Bud Domok challenged with 3 maxes on Sunday, but fell short when the wind came up.

In Wakefield, Dick Gildersleeve, with 4 maxes looked like a winner, but a gust folded the wing and when that fully wound motor hit the runway - Fin!! Thompson's 14.27 stood up to win, (not Bill, he wasn't there). Even the great can err, as John Linderman's Wakefield with the variable incidence stab, had problems when the stabilizer hung up on a knot; scratch one flight. John dropped out when a motor blew and split the fuselage. When it comes to blowing motors, look up the local champ-- in a row -- Fiberflex tubes are great.

All the glory went to Andy Faykun in Coupe d'hiver - 6 maxes in a row. Andy stopped when Manny Andrade dropped his fourth after maxing out,

In - OUT - & - LTC, Continued

The flying was great if you didn't have hay fever problems, Sniff! Sniff'. Ach - choo!!!

Sept. 25th, was International Postal Competition day. In the A/1 - A/2 event, hosted by the Czechs, Nat Antonioli led the A/1 team by maxing out.

A/1 3 x 3 min. maxes

Nat. A.	3 - 3 - 3	3:57	12:57
Larry S.	2:35 - 3 - 2		7:35
Roger J.	0:52 - 3 - 3		<u>6:52</u>
			<u>27.24</u> min.

A/2 3 x 5 min. maxes

Howard Harvey		12.42
Clarence Mather		11.43
Goo, Howard		<u>11.39</u>
		<u>36.04</u> min.

In Coupe & H. L. Glider - No Coupe team - Brian is in Hawaii. Art couldn't make it. So Fud put in 1:06 - 1:00 - 1:14 - 3:20. All is not lost as Russ Seley is nearing completion & we have two (2) prospective members who are interested in Coupe d'hiver. A different story in H. L. Glider (chuck) Dave Lambert just did nose out Larry Simpson by 1 sec. for top team man.

Dave Lambert	6:18	3 x 3 min. max.
Larry Simpson	6:17	
Don Sloan	<u>5:44</u>	
		18:19 min.

Larry Simpson is in a second place rut. He is number 2 man on both the A/1 Czech Challenge & H. L. Ann Arbor Postul. Not only that he was second in A/1 at Taft!

Sept. 25th, was also Flying Scale at Sepulveda - attended by Walt Mooney and family. According to Walt there were 30 rubber scale models (16 qualifiers), and competition was rough. Walt was out to win scale towline, but no event.

Walt's Jetex powered "Vigilante" burned via the fuse, without igniting the charge. All was not lost as Curtiss took a third and Douglas 4th. Anyhow Walt's all fired up to hold a fun type flying scale session, on Nov. 13th, for rubber Scale - Gas - Scale Towline & Hi start Scale Towline. So, ---- all of you scale people get busy in between getting ready for our Annual, Oct. 22nd & 23rd, at Lake Elsinore. Rules will be simple ---- Awards - still top secret!! (term used when things are not finalized).

BYLAWS OF
"SAN DIEGO ORBIOTEERS"

ARTICLE I - NAME

The name of this club shall be "San Diego Orbiteers," located in the City of San Diego, California, a Charter Member club of the Academy of Model Aeronautics.

ARTICLE II - OBJECTS

The objects of this club shall be:

- 1_a. To promote the building and flying of free flight model airplanes.
- 2_a. To promote fellowship, and good sportsmanship.

ARTICLE III - MEMBERSHIPS AND DUES.

Section 1. Any person interested in the building and flying of free flight model airplanes may become a member upon payment of dues, as provided herein.

Section 2. The annual dues shall be \$6.00 for Open members, and \$3.00 for Junior-Senior members. Dues are payable at 50¢ per month for Open and 25¢ per month for Junior-Senior members.

Section 3. Members three(3) months in arrears of dues shall be placed on an inactive list. Inactive members shall not have a voice in club business, and shall lose all voting privileges.

Section 4. Junior-Senior or Open membership is determined by A.M.A. status (card).

ARTICLE IV - OFFICERS & THEIR ELECTION

Section 1. The officers of this club shall consist of a president, vice-president, treasurer, secretary, contest director, program director, and two (2) publicity chairmen.

Section 2. Nominations of officers shall be at the November meeting, followed by the election at the December meeting. Installation of officers will be at the following January meeting.

Section 3. No person shall be elected for any office who has not been a member of the club for at least ninety (90) days prior to the December meeting.

ARTICLE V - DUTIES OF OFFICERS

Section 1. The president shall preside at all meetings of the club. He shall make sure that either himself or one of the other officers of the club attend the monthly meeting at the North Clairemont Community Center.

Section 2. The vice-president shall assist the president as deemed necessary. In absence of the president, he shall preside over the regular monthly meetings.

ARTICLE V

Section 3. The duties of the treasurer shall be to receive all monies for the club, and shall deposit them in a bank account in the name of the club. He shall maintain an accurate record of all receipts, and disbursements, and present a statement of account at each regular meeting, and an annual report at the December meeting of the club. All monies turned over to the treasurer, shall be accompanied by an accurate signed statement. Two (2) officers shall have authority to sign checks, one of which must be the treasurer. The treasurer, shall be responsible for the issuance of all checks, and the alternate officer shall issue checks only in emergencies.

Section 4. The secretary shall keep an accurate record of the proceedings of all meetings of the club. He shall conduct all necessary correspondence of the club, and shall maintain an accurate list of all club properties, and location of said properties, which shall be inventoried annually.

Section 5. The contest director shall schedule contests, and apply for sanctions from the AMA, and conduct contests in accordance, with the rules as provided in the current A.M.A. rules book.

Section 6. The program director shall supervise program activities of the club for regular meetings, and promote special outings of the club.

Section 7. The publicity chairmen

ARTICLE VI - MEETINGS

Section 1. Regular meetings of this club shall be on the second Friday of each month.

Section 2. Place of meeting is the North Clairemont Community Center, 4421 Bannock Avenue.

Section 3. The privileges of making motions, debating, and voting shall be limited to members who e dues are paid, and who have been members for at least thirty (30) days.

ARTICLE VII - AMENDMENTS

These bylaws may be amended by a two-thirds majority vote at any regular meeting, provided the details of such amendments or amendments have been presented at the previous meeting.

ARTICLE VIII - RULES OF ORDER

"Roberts' Rules of Order Revised" shall govern this club in all cases in which applicable and not conflicting with these bylaws.

These bylaws become effective 2/5/65.
Read at regular meeting 1/8/65.

Read and voted upon 2/5/65

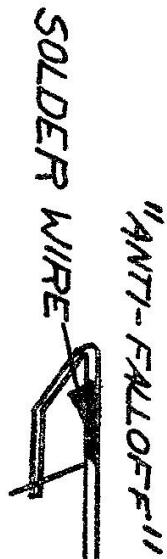
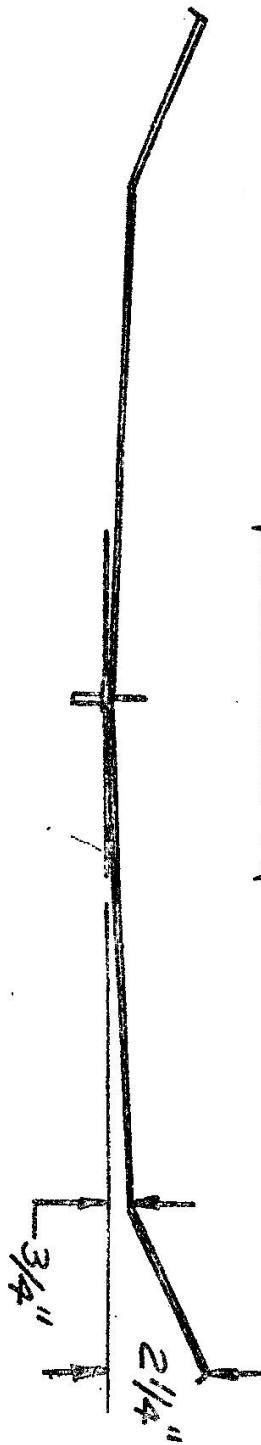
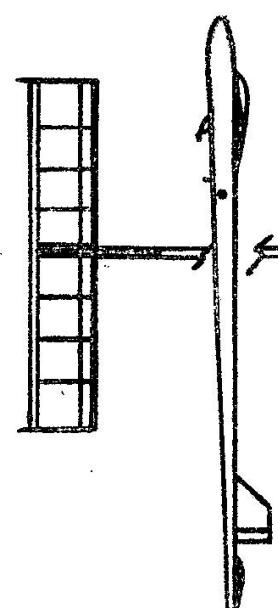
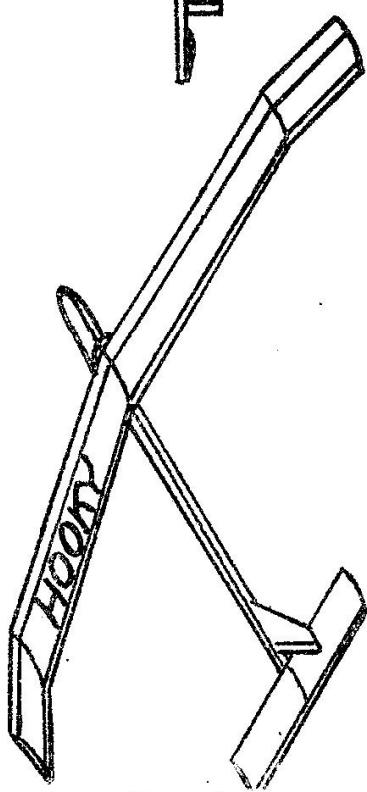
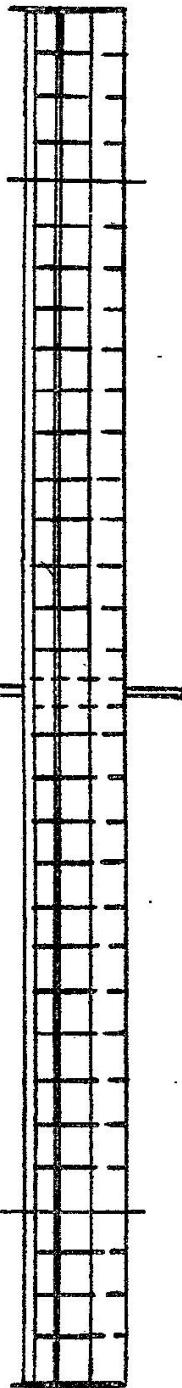
Submitted by the Bylaws Committee,

Eugene Bach;
Eugene Larson;
Fudo Takagi.

FIRST AMENDMENT - 9/66

The phrase, Charter member club of the Academy of Model Aeronautics, shall be removed from ARTICLE I.

WING $46 \times 4\frac{3}{4} = 219\frac{5}{8}$ "
STAB $15 \times 3\frac{1}{2} = 52\frac{1}{2}$ "
FUSE. $27\frac{1}{2}$ "



WING TEMP



STAB TEMP

10/4/66

"HOOTR" A-1

By: Jerry Simeon

TROPHIES

SAN DIEGO ORBITEERS presents the 7TH ANNUAL MODEL AIRPLANE MEET OCTOBER 22 & 23 "66

- TROPHIES AWARDED TO 3RD PLACE.
- RIBBONS AWARDED FOR 4TH & 5TH PLACE.
- TWO JUNIOR TROPHIES.
 ONE(HI-TIME POWER) & ONE(HI-TIME NONE POWER)
- MERCHANDISE AWARDS

SAT. OCT 22 (8:A.M. TO 4 P.M.)

1. A Gas & FAI Power Combination *
2. B Gas
3. A-1 Glider
4. Wakefield & Unlimited Combination *

* INTERNATIONAL MODELS TO FLY INTERNATIONAL RULES AND AMA MODELS TO FLY AMA RULES.

SUN. OCT 23 (8A.M. TO 3 P.M.)

1. 1/2 A Gas.
2. C Gas.
3. A-2 Nordic
4. Mixed Event ▲ Hand launch glider
 Coupe d' Hiver
 Rocket

▲ 3 FLIGHTS 2 MIN MAXES

ENTRY INFORMATION

- | | |
|------------------------------------|---------|
| Initial Entry in Advance | \$ 1.25 |
| Initial Entry at Field | \$ 1.75 |
| Additional Events | \$ 1.25 |

LATEST POSTMARK FOR ADVANCE ENTRY OCTOBER 12

ACCOMODATIONS

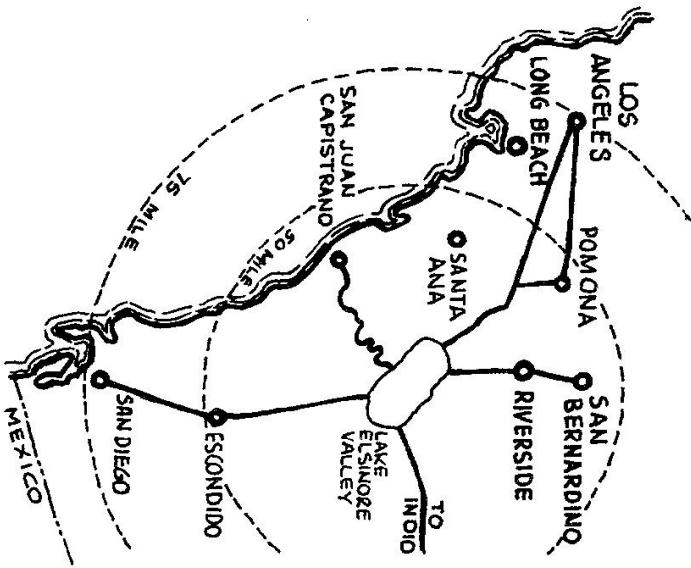
Ambassador Hotel, 164 S. Main St.,
Elsinore California. 30 Double Rooms.
\$7.28 (total for 2 people), plus \$2.08
for each additional person. Swimming
Pool, Air Conditioning; Dining Room.
There are 15 Motels located within the
City Limits.

RESTAURANTS

The Red Garter - 31628 Riverside Drive,
Family Type Restaurant; \$1.50 - \$2.50

The Wreck - 117 West Graham Avenue;
moderate prices.

Rainbow Gardens - 111 West Graham Ave.;
moderate prices - Open 4 - 9 P.M.



LES HILL (CONTEST DIRECTOR)
1878 TITUS STREET
SAN DIEGO, CALIFORNIA
92110



LAKE
EL SINORE
OCT. 22 & 23

7TH ANNUAL MODEL AIRCRAFT MEET