

THE VALLEY FLYER

SEPTEMBER

1985

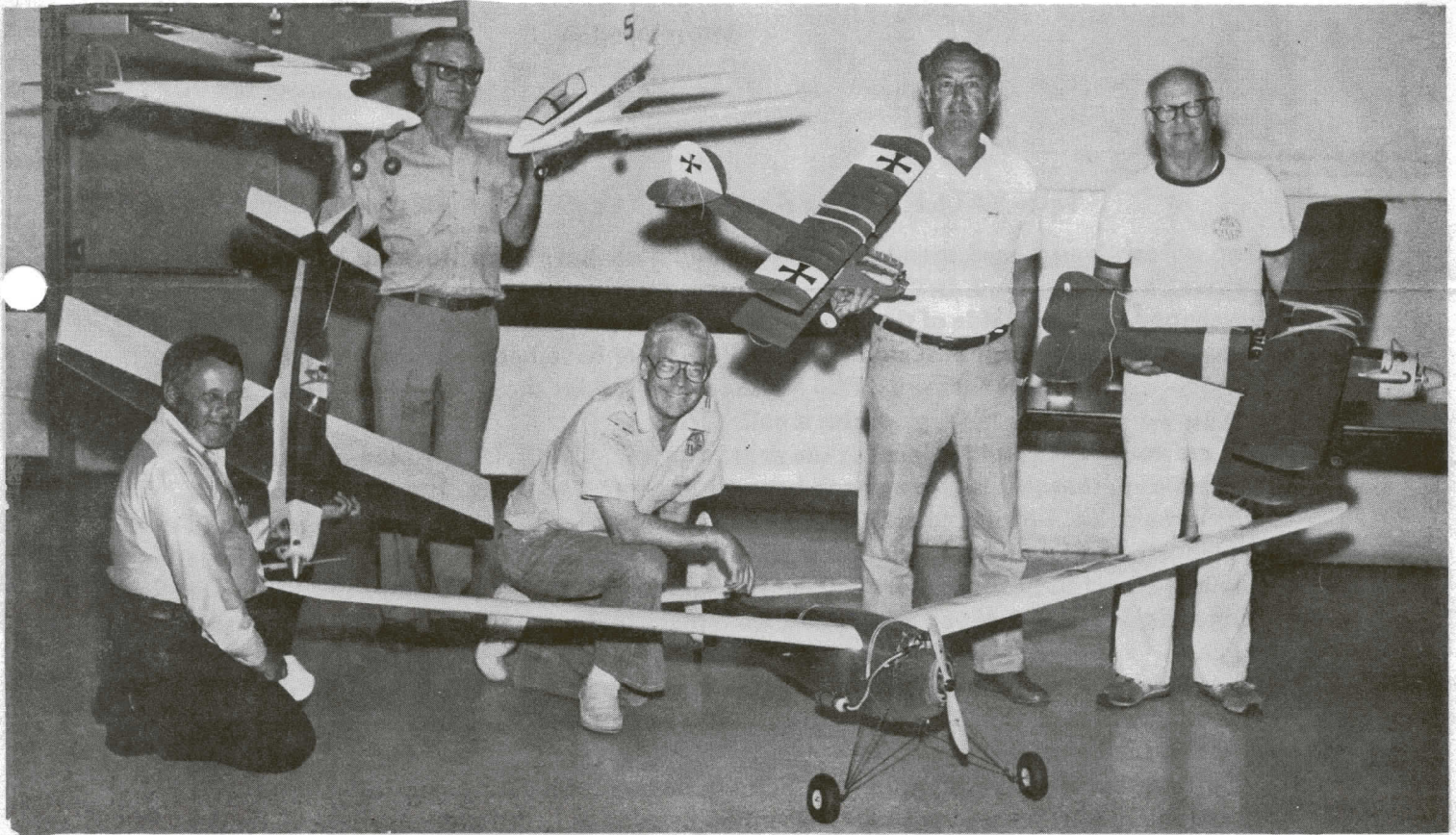


Photo by Packard Photography

President: Marty Mallow
786-0029

Vice President: Ken Tyler
886-0203

Secretary: Lois Hager
893-0221

Treasurer: Pete Olson
767-0522

News Editor: Dick Hager
893-0221

Event Director: Larry Lulom
342-5225

Public Relations: Pete Chagares
362-3231

Membership Chairman: Bob Adams
345-7223

Field Manager: .

VALLEY FLYERS REGULAR MEETING:

4TH TUES. OF EVERY MONTH - 7:30 P.M.
ENCINO COMMUNITY CENTER
4935 BALBOA BLVD., ENCINO, CA

PRESIDENT'S CORNER

The business of erecting sheds over our picnic tables is rapidly approaching fruition.. The building is also getting closer to reality and our committee meets often to clear away all obstacles until that magic day arrives.

It is hoped that some of our membership are seriously considering taking one of the board positions which will be vacant for the upcoming year. Four positions must be filled, and if you would consider becoming a member of the board, let one of us know.

I've been working diligently on my Sweet and Low and hope to have it ready for my next mid-air. I would hate to disappoint the guy who is contemplating having one.

Our new jackets have been received very well, and are moving rapidly, so if you have considered picking one up for our "chilly" season, you better move fast. At \$16.00 they are a GOOD BUY.

Got a letter from the Federal Communications Commission. They specifically require an amateur license to fly 6 meters. Even if you want to help a guy on 6 meters, you must have a license before you can handle his transmitter. Anyone flying 6 meters without a license is subject to fine or imprisonment or both.

Elsewhere in the newsletter you will find a copy of this letter.

We have not had a club picture for some time now, and I would like to set a date for that picture. Let us try for the Nov. meeting.

Marty Mallow
President

THE VALLEY FLYERS FOUNDATION REPORT

The officers and board members of the foundation have been working hard to keep improving our flying field. In the very near future we will erect eight sun shades over each concrete pad on the pit side of the fence. Joe Brassner was instrumental in getting the steel donated to the Foundation. Ken Tyler and Pat Baner have been working on getting the necessary permission and permits. Phil Mosko will assemble the crew to put the shades up.

If you would like to help, give him a call.

We are going ahead with plans for the snack bar out at the field. We plan on building a block building that will house a snack bar and have storage space. It will also provide a shaded area to sit. I expect to establish a building fund as soon as we have the plans and know what the costs will be. Right now we think that it will be \$15,000 plus. We do not have the details set yet but contributors will get special recognition for donations in addition to getting a tax deduction. If you are looking for a place to donate some money for 1985 give me a call.

Once the snack bar is built it will be open most weekends, even some weekdays. It will be a great source of income to the Foundation so that we can continue to make our flying field the best in the country.

Mike Eng has donated a brand new Echo helicopter and Karvan training arm to the foundation. Total value is over \$1,000. It will be given away to the winner of a special raffle we are going to hold.

Vick Martin
President
Valley Flyers Foundation

BOARD OF DIRECTORS MEETING - SEPT. 10, 1985

The meeting was held at the home of Dick & Lois Hager. Those in attendance were: Bob & Candy Adams, Marv & Phyllis Zauss, Marty Mallow, Ken Tyler, Larry Laulom, Vick & Carol Martin, Pete Chagares, Pat Baner & Dick & Lois Hager.

The picnic for Sat., Sept. 14th is being planned by Ron McClave. Things are going well, and it looks like we can look forward to a great time!

The shades for our tables out at the basin are almost ready. Phil Mosko may be asking some of you to help with the final stages.

A sheet will be passed around at the next general meeting for a sign up of those who would be willing to run for the Board of Directors for the next two term period. There are a number of openings and we would encourage any of you who are interested to sign up.

We have not had a club picture taken for some time. We are tentatively planning to take one at our Nov. meeting if it can be arranged. More details later!

Ken Tyler was appointed to be in charge of having a booklet of the field rules made up for distribution to members and anyone using the field. He would like input from the membership as to what subject matter you think is of importance to put in the booklet. A sheet will be passed around at the next general meeting to get some of your ideas.

Ken Tyler reported that the Parks & Recreation Dept. is happy with the Valley Flyers and very cooperative with us. A donation from the Foundation of \$2,000 for blowers was made to the city to offset any future maintenance expenses. This was a one time expense, which will more than pay for itself.

Pete Chagares announced that Airtronics has had to cancel their plans to be at our Sept. meeting. In Oct. we will have our annual Swap Meet, in Nov. we will have a speaker from Craft and in Dec. our annual Christmas Party - Dec. 6th. There will be a No Host Bar from 6 - 7 p.m. and dinner at 7:00 p.m. The cost will be \$20 per couple. Tickets will be on sale soon.

The club has had a \$500 bid from Carl Stromberg for the Echo helicopter that was donated to the foundation by Mike Eng. We will be taking other bids at the Sept. meeting.

The board of directors passed a motion that if a member brings in a donation of \$150 or more from a donor, the member will receive free membership to the club for the following year. This donation will be to the Foundation and will be tax deductible so everyone gains something.

Pat Baner will see about the cost of a generator for the club to buy to be used at the field.

The meeting was adjourned at 9:20 p.m.

Lois Hager
Secretary

MORE ABOUT THE RAFFLE

Each month we print the names of our local hobby shops because we think it is important that you support them. The owners provide many services to the membership such as letting us purchase prizes for our raffle at or near their cost. Be aware that anything they let us have at no profit is a sale that they may never make and we are grateful for their help.

Last month we did well in ticket sales so I hope you will note that we have some very good prizes this month.

ROSSI .60 ABC (a free Italian girl to read instructions to you between midnight and 6 AM).

Carl Goldberg's SKY TIGER

Tatone's LARGE ENGINE TEST STAND

Hal Payne's MOTOR MOUNT DRILL JIG

Blue Bird's QUICK BUILD FLIGHT CADDY

See you at the meeting,
Vick Martin
Raffle Chairman

BOARD OF DIRECTORS MEETING - SEPT. 10, 1985
The meeting was held at the home of Dick & Lois Hager. Those in attendance were: Bob & Candy Adams, Mike Eng, Lois Hager, Vick & Pat Baner, Larry Lantieri, Vick & Pat Baner, and the speaker, Pete.

GENERAL MEETING - AUG. 27, 1985

The meeting was called to order with the Pledge to the Flag by our President, Marty Mallow at 7:30 p.m. Visitors & members were welcomed.

Marty visited RC World in Florida, where they are building a community for modelers. He said the facilities are "fantastic" with condominiums or lots for private homes. The flying field is adjacent and offers alot for the modeler who would like to settle there.

We are having problems with frequency control at the field. There are no warning signs for outsiders and visitors from other places. Carl Stromberg was appointed to see about getting a permanent sign put up at the field. Ken Tyler was also appointed to see about getting a booklet made up with the rules, etc. in it for distribution to members and anyone interested in flying at the field.

Vick Martin reported that the striping that was done at the field was done before he had a chance to get out there to instruct the painters, so therefore they were not done exactly according to the plans. Next time they are done they will be right, but for now be sure to stand in front of the yellow line.

Recommendations were made from the floor that the traffic pattern be the same direction; the helicopters stay further away from the pit area and that children should not be out on the flight line. It is everyone's responsibility to see that these rules are followed so as to avoid serious injury to anyone.

More improvements are being made at the field. Shades are being put up over the tables. These tables are to be used for eating and sitting and not for working on your planes. Plans are being finalized for the snack bar building. Vick says he will have it open every weekend and probably some weekdays.

Mike Eng donated a brand new Echo helicopter and Karvan training arm to the Foundation. Total value is over \$1,000. Vick Martin would like suggestions as to how to earn money from it for the Foundation.

The Goof Bowl was awarded to Gene Sidwell for starting a fire which burned 1500 acres. He crashed his plane which in turn started the fire!

Show & Tell: Ollie Van Houton - Slim 526; Art Major - Scratch Built; Jim Hall - Valgorri 1937 model by Carl Goldberg; George Romain - Double Decker Bi-Plane; Ken Tyler - 1937 Super Custom Cavalier. All were winners!

Pat Baner reported that progress is being made on getting permits for pad covers, snack stand, etc. There is alot of work involved in getting this done.

The guest speaker had to go out of town on a business trip so we had a time of questions and answers from the floor. In other words we all helped each other with ideas and problems. It was a successful way to cover for what could have been an uninteresting time because of lack of a speaker. Thanks Pete for coming up with something.

Raffle winners were Ken Turner, Ed DelaVega, Ron McClave, John Rice, Vick Martin and Wayne Rathman.

The meeting was dismissed at 9:35 p.m.

Lois Hager
Secretary

NEXT MEETING: SEPTEMBER 24, 1985 at the Encino Community Center.

PROGRAMS

My luck seems to have gone to pot. This months guest speaker from Airtronics had to cancel (they however will join us sometime after May of next year). These last minute cancellations are a real pain in the neck, but they happen. We are fortunate though that Mr. Kenneth Johnson has agreed to be our guest speaker. He flew Spitfires in the Battle of Britain. Should be interesting.

My thanks to those of you who participated at the last meeting both in asking the questions and providing the expert answers. Let me know if you would like to do that again, I know I enjoyed it.

The year will end up as follows:

September - Mr. Kenneth Johnson

October - Annual Swap Meet

November - Guest Speaker - Louis Nelli, President of Craft Air

December - No meeting (Christmas Party!)

I stopped by Craft Air today and Mr. Nelli was kind enough to give me a considerable amount of his time to describe some of the new products coming up. He'll be introducing them at our November meeting. They have some exciting, good looking kits coming up for 2 cycle and 4 cycle engines and some new accessories that you've got to see. Be there. See you on the 24th.

Pete Chagares
Program Chairman

RADIOS AND FREQUENCIES

Well how about all those new frequencies and radios and A.M. or F.M.? Almost every month now one or more of the radio columns are reporting about interference of one kind or another. I strongly suggest that you read these columns carefully and if you have any questions I will be happy to discuss them at the meeting, the field or give me a call on the phone (818 881-1058). I will make this short by saying that if I were to buy a new radio now on the standard R/C frequencies it would be one that was F.M. and had a double conversion receiver. What is called by most manufactures THE 1991 RECEIVER is what I am referring to. One of the big problems is that A.M. is still being used and sold. It appears that A.M. and F.M. are not compatible. Those of you that are buying A.M. equipment will have an obsolete radio in a few years.

As you may have noticed the field has been restriped. The pilot boxes have been redone so that there is twelve feet between them. Please stand in the area with the yellow stripe. Move forward for takeoffs and landings and move back to fly. Let me warn you NEVER TAXI YOUR PLANE SO THAT ANOTHER TRANSMITTER IS BETWEEN YOU AND IT!!!!!!It is possible to lose control and have an accident. It has happened.

Vick Martin

CLUB INSTRUCTORS

Students wishing to participate in this training program please call one of the following instructors for an appointment.

Phillip Mosko	645-2957	Weekends
Ralph Rosen	472-7723	Weekdays
Bob Schmitz	340-4353	Weekdays
Chuck Siegle	347-3182	Weekends
Tim Tourtillot	344-9723	Weekends
Ken Turner	340-4876	Weekends
Marvin Zauss	768-0855	Weekends

FEDERAL COMMUNICATIONS COMMISSION
FIELD OPERATIONS BUREAU

August 28, 1985

ADDRESS REPLY TO:

3711 Long Beach Blvd.
Long Beach, CA 90807

Martin Mallow
14834 Lorne St.
Van Nuys, CA 91402

Mr. Mallow,

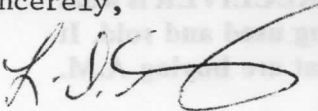
This is in reference to your letter of August 14, 1985 regarding the use of radio frequencies to operate remote-controlled model aircraft.

The use of the amateur frequency bands for the operation and control of such devices is permitted under Section 97.99 of the FCC Rules and Regulations. However, an amateur radio license is required if these frequencies are used. Section 97.61 gives a complete breakdown of the frequency bands authorized for amateur use.

An amateur radio license is not required, however, if you operate your model aircraft on frequencies assigned to the Radio Control Radio Service. These frequencies are outlined in Section 95.207.

If you do not have a current copy of the FCC Rules and Regulations, the information I have enclosed will help you obtain one.

Sincerely,



L.D. Guy
Engineer-In-Charge
FCC District 11

Enclosure

Day	Time	Instructor
Weekends	6:45-7:30	Philip Moran
Weekdays	4:15-5:30	Ralph Rosen
Weekdays	3:45-4:30	Bob Roberts
Weekends	2:45-3:30	Chuck Siegle
Weekends	2:45-3:30	Tim Tortolito
Weekends	2:45-3:30	Ken Turner
Weekends	1:45-2:30	Marvin Taus

BASIC R/C MODEL DESIGN PARAMETERS

DATA BY ROMEY BUKOLT

ENGINE WING AREA
 200-250 sq. in.
 250-350 sq. in.
 300-450 sq. in.
 400-500 sq. in.
 500-700 sq. in.
 600-850 sq. in.

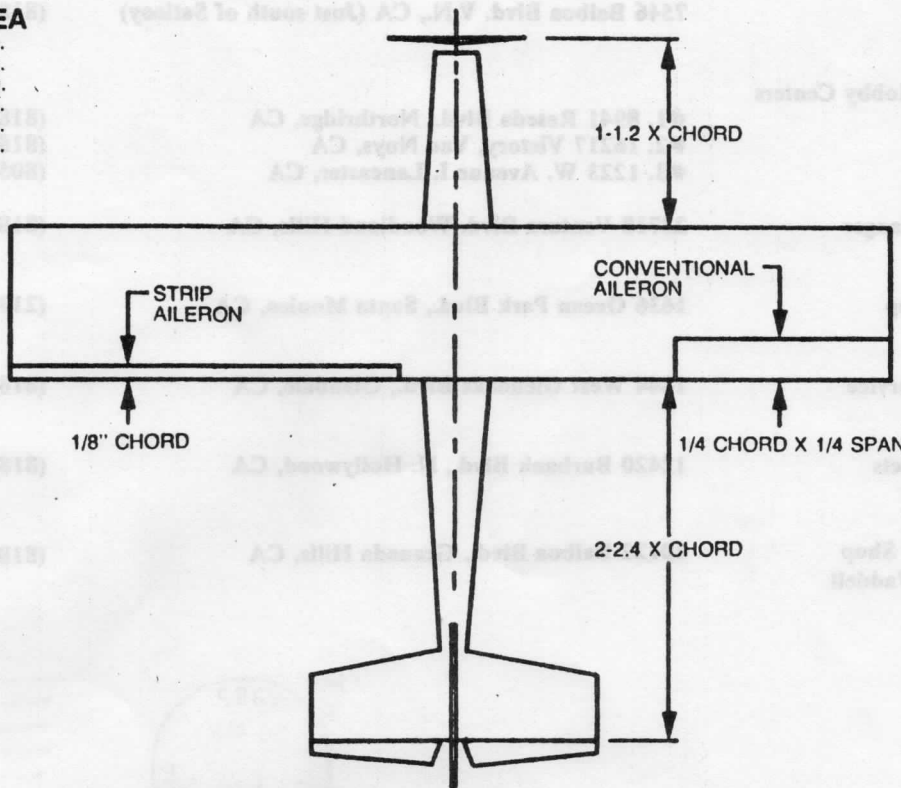
ASPECT RATIO
 $A/R = \frac{\text{SPAN}}{\text{CHORD}}$
 WING A/R = 5:1-6:1
 (GLIDERS) = 10:1-16:1

WING INCIDENCE
 0-1° MULTI
 3-5° RUD./ONLY

ENGINE THRUST
 0-3° DOWN
 0-3° RIGHT
 3-5° RUDDER ONLY

STAB INCIDENCE
 0 TO 1° RUD./ONLY
 0° MULTI

LANDING GEAR
 WHEEL GEAR MAINS 1½" BACK OF C.G.
 TAIL DRAGGER MAINS AT LEAD. EDGE
 SPREAD ¼ WING SPAN



DIHEDRAL
 W/AIL. 0-3°/PANEL (EA. TIP)
 W/O AIL. 3-5°/PANEL
 R/O 4-6°/PANEL
 LO WING 2 X HI WING DIHI

AILERON
 AREA = 12% (1/8) WING A

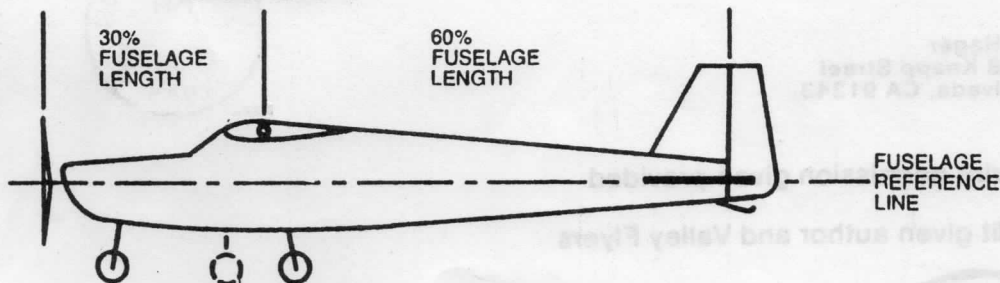
STABILIZER
 AREA = 20-22% WING AREA
 ELEV. AREA = 20% STAB
 STAB A/R = 3:1

VERTICAL FIN
 AREA = 1/3 STAB AREA
 RUDDER AREA =
 1/3-1/2 TOTAL FIN AREA

C.G. = 25-35%
 CHORD LENGTH

30%
 FUSELAGE
 LENGTH

60%
 FUSELAGE
 LENGTH



AIRFOIL SELECTION

FLAT BOTTOM — TRAINER, SLOW, DOCILE, POOR INVERTED FLIGHT
 SEMI-SYMMETRICAL — GOOD LIFT, PENETRATION, AEROBATIC, INVERTED FLIGHT
 SYMMETRICAL — PATTERN AEROBATICS

MAX THICKNESS = 15-18% @ 30-40% BACK FROM LEADING EDGE
 BLUNT LEADING EDGE = GOOD STALL CHARACTERISTICS
 SHARP LEADING EDGE = HI SPEED PENETRATION

Here's the design parameters provided
 by James Hobson

DATE DATED MATERIAL FIRST CLASS MAIL

SUPPORT THE HOBBY SHOPS THAT SUPPORT YOUR CLUB

Hobby House Jay Replogle	7546 Balboa Blvd. V.N., CA (Just south of Saticoy)	(818) 786-0701
Smith Brother's Hobby Centers Chuck Smith	#1. 8941 Reseda Blvd., Northridge, CA #2. 16217 Victory, Van Nuys, CA #3. 1223 W. Avenue I, Lancaster, CA	(818) 885-8636 (818) 786-6583 (805) 942-6984
Chuck's Hobby Hanger Chuck Siegle	22718 Ventura Blvd. Woodland Hills, CA	(818) 347-3182
Evet's Model Shop Colby Evett	1636 Ocean Park Blvd., Santa Monica, CA	(213) 452-2720
Robin's Hobby Service Bill Hambley	1844 West Glenoaks Blvd., Glendale, CA	(818) 240-2093
MK Model Products Dave	12420 Burbank Blvd., N. Hollywood, CA	(818) 506-7564
Craftsman Hobby Shop Dick & Patty Waddell	10122 Balboa Blvd., Granada Hills, CA	(818) 363-3323

THE VALLEY FLYER

Dick Hager
16458 Knapp Street
Sepulveda, CA 91343

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credit given author and Valley Flyers



**DATED
MATERIAL**

FIRST CLASS MAIL

