VALLEY FLYER





PHOTO BY MIKE STECKER

Richard Sporny shows off his Model of the Month winner, a Sig Kommander which is his second win with the same type airplane. I guess he just keeps building them until he gets it perfect. The latest version is modified to use internal control horns and is powered by a K&B .40 pumper. The airplane has a plywood covered foam wing and the finish is Superpoxy with varathane over the ink detail. Others who showed models from left to right are Jay Ross with his Quickie 500, Dick Kolodziej with his 1/2A Shoestring, Larry Laulom with his Quickie 200, Martin Becker with his lighted night flying Quaker and Doug Dean with his Sunfli IV.

March 77

PRESIDENT: GEORGE FINCH VICE PRES: JOHN ELGIN SECRETARY: BERT SMITH

ASS.T SECRETARY: GARY McPIKE TREASURER: TONY MacLANEASS'T. TREAS: JOHN PAHLOW

The survey of the club members has yielded more information about what some of the members want. Several surprizing things have come out of the survey such as the number of people who will back up what they want by pledging up to \$10.00 per month, if required, to support some of the improvements. I am still looking at all the comments and suggestions and from them I will formulate several recommendations for changes to the board of directors and to the membership for approval.

Well, I am going to race this year. I can't afford Formula I (and I probably couldn't fly one anyhow) but I will get my feet wet in Quickie 500 (or formula 500) and 1/2A racing. I believe the way to keep the club healthy is by members participating. Back to that old word "INVOLVEMENT."

I am looking forward to the upcomming Formula 500 racing clinic on May 15. This will be my first chance to fly around a pylon and get help and tips. The racing clinic started with one of the members of the club getting involved and I think its a great idea. Let's think about similar clinics for pattern flying, 1/2A racing (how about it Clem!), building, scale models, night flying (hey, Martin, I'm ringing your bell), etc, etc, etc. I don't think we have to be a racing club or a pattern club or a sport flying club. The reason the Valley Flyers used to have more spirit if they really did, was not because a large number of the members were top racing names. That is a bunch of nonsense. We had spirit because these people were involved. They could have been involved in sport flying, pattern flying or any other activity in RC and they would have generated just as much spirit and enthusiasm I am building a full up spitfire for scale flying, a dirty birdie for pattern, a 1/2A Ron Clem "Turkey" for 1/2A racing and two Quickies for Quickie 500 or Formula 500. By the middle or end of this year I should be pretty involved. I don't care if I win anything, I just want to be in there trying. Someday, I may even learn to build good enough to bring another bird to the Show and Tell! How about you!

FINCH'S FLAK

Don't miss the regular meeting to be held 8 March 1977 at the Encino Women's Club, with the meeting to start promptly at 8:00PM.

Bob Boucher will, at long last, present his film of the solar power plane which appeared in RCM. He also will be answering questions on the latest in electric power.

BOB'S RANCHO
BOB'S RANCHO

The raffle prizes this month are being furnished by:

Bob will also present new products that have become available the last month.

BOB WILDE

John Elgin

PARK HOBBIES

If anyone has noticed the new 10570 WEST PICO BOULEVARD, LOS ANGELES, park supervisors, they were not seen CALIFORNIA 90064, TELEPHONE (213) 836-2000 at the field for two weekends in a row. Len Katz is trying to find a solution.

The name tags John showed at the meeting will cost \$2.25 instead of \$1.75 if more people don't sign up. If you want a name tag and you won't be at the March meeting, send your name to John Elgin, 20812 Vose Street, Canoga Park, CA 91306. This may be your last chance.

Don't forget we have two contests this month, 1/2A Pylon on the 13th and Formula I on the 26th and 27th. The entry fee for 1/2A is \$4.00 and \$10.00 for F.I. If you can work the contests and haven't signed up contact John Elgin at 883-8059 (1/2A) or Gary McPike 787-5220 (F.I.) and leave a message if they are not home.

In case you forgot, the newsletter editor job is open for the taking. Also the newsletter prints ads for free when we get them.

For those of you who haven't paid your annual dues THIS IS YOUR LAST NEWSLETTER. Tony will be collecting dues at the March meeting so be sure to see him. A renewal form is published in this newsletter. Send it with a check to Tony MacLane 19640 Chase Street, Northridge, CA 91324.

Subpart C-Radio Control (R/C) Bervices GENERAL

§ 95.201 Basis and purpose.

These rules are designed to provide for signaling, for the control of remote 3 or devices by means of radio; all extent that these uses are not adically prohibited in this part.

§ 95.203 Definitions.

For the purpose of this part, the fol-wing definitions shall be applicable. For ther definitions, refer to Part 2 of this

cother definitions, refer to Part 2 of this chapter.

(a) Definitions of stations.

Radio Control (R/C) Service station.

A station in the Personal Radio Services ilcensed to be operated on an authorised frequency in the 28-98-27.23 MHz band, or on the frequency \$7.255 MHz, for the control of remote objects or devices by radio, or for the remote actuation of devices which are used solely as a means of attracting attention, or on an authorized frequency in the 72-76 MHz shand for the radio control of models used for hobby purposes only.

Mobile station. A station intended to be operated while in motion or during halts at unspecified points.

(b) Miscellaneous definitions.

Asterna structure: The term "antenna structures" includes the radiating system, its supporting structures and any appurtenances mounted thereon.

Control point. A control point is an operating position which is under the control and supervision of the licensee, at which a person immediately responsible for the proper operation of the transmitter is stationed, and at which adequate means are available to surally monitor all transmissions and to render the transmitter inoperative.

Dispatch point. A dispatch point is any position from which messages may be transmitted under the supervision of the person at a control point.

Harmful interference. Any emission, radiation or induction which endangers the functioning of a radio-navigation service or other safety service or seriously degrades, obstructs or repeatedly interrupts a radio-communication service operating in accordance with applicable laws, treaties, and regulations.

Man-made structure. A man-made structure is any construction other than a tower, mast or pole.

Omnidirectional antenna. An antenna desimed so the maximum radiation in a risontal direction is within 3 dB c minimum radiation is an individual, partnership, association, joint-stock company, trust or corporation.

Remote control. The term "person" includes and in or individual, partnership, association, joint-stock company, trust or corporation.

joint-stock company, trust or corporation.

Remote control. The term "remote control" when applied to the use or operation
of a personal radio services station means
control of the transmitting equipment of
that station from any place other than
the location of the transmitting equipment, except that direct mechanical control or direct electrical control by wires
connections of transmitting equipment
from some other point on the same
premises, craft or vehicle shall not be
considered to be remote control.

Station authorization. Any construction permit, temporary permit, license, or
special temporary authorisation issued
by the Commission.

§ 95.211 Eligibility for station license.

§ 95.211 Eligibility for station license.
(a) Subject to the general restrictions of § 95.213 any person is eligible to hold an authorization to operate a station: Provided, That, if an applicant is an individual or partnership, such individual or each partner is twelve or more years of age. An unincorporated association, when licensed under the provisions of this paragraph, may upon specific prior approval of the Commission provide radiocommunications for its members.
Norx.—While the basis of aligibility in this

radiocommunications for its members.

Norz.—While its basis of aligibility in this service includes any state, territorial, or local governmental entity, or any agency operating by the authority of such governmental entity, including any duly authorised state, territorial, or local civil defense agency, it should be noted that the frequencies available to stations in this service are shared without distinction between all itensees and that no protection is afforded to the communication ference which may be caused by the authorized operation of other licenses stations.

(b) No person shall hold more than one station license.

3 General citizenship require

A station license shall not be granted to or held by a foreign government or a representative thereof. § 95.215 Standard forms to be used.

§ 95.215 Standard forms to be used.

(a) FCC Form 505. Application for Station License is the R/C or CB Service. This form shall be used when:

(1) Application is made for a new station authorisation.

(2) Application is made for modification of any existing station authorization in those cases where prior Commission approval of certain changes is required (see § 95.235).

(3) Application is made for remewal of an existing station authorisation, or for reinstatement of such an expired authorization.

(b) FCC Form 703. Application for Consent to Transfer of Control of Corporation Holding Construction Fermit or Station License. This form shall be used when application is made for consent to transfer control of a corporation holding any station authorisation.

§ 95.217 Filing of applications.

§ 95.217 Filing of applications.

(a) To assure that necessary information is supplied in a consistent manner by all persons, standard forms are prescribed for use in connection with the majority of applications and reports submitted for Commission consideration. Standard numbered forms applicable to this service are discussed in § 95.215, and may be obtained from the Washington, D.C. 20554, office of the Commission, or from any of its engineering field offices.

(b) All formal applications for new, modified, or renewal station authorizations shall be submitted to the Commission's office at Gettysburg, Pa. 17236. Applications for consent to transfer of control of a corporation holding any station authorization, requests for special temporary authority or other special requests, and correspondence relating to an application for a station authorization shall be submitted to the Commission's Office at Washington, D.C. 20554, and should be directed to the attention of the Secretary.

(c) Unless otherwise specified, an application shall be filed at least 60 days prior to the date on which it is desired that Commission action thereon be completed. In any case where the applicant tons made timely and sufficient application for renewal of license, in accordance with the Commission's rules, no license with reference to any activity of a continuing nature shall expire until such application shall have been finally determined.

plication shall have been finally deter-mined.

(d) Failure on the part of the appli-cant to provide all the information re-quired by the application form, or to supply the necessary exhibits or supple-mentary statements may constitute a de-fect in the application.

(e) Applicants proposing to construct a radio station on a site located on land under the jurisdiction of the U.S. Forest Service, U.S. Department of Agriculture, or the Bureau of Land Management, U.S.

or the Bureau of Land Management, Department of the Interior, must su the information and must follow the cedure prescribed by § 1.79 of chapter.

§ 95.219 Mailing address furnished by

Eleensee. Except for applications submitted by Canadian citizens pursuant to agreement between the United States and Canada (TIAS No. 9931), each application shall set forth and each licensee shall furnish the Commission with an address in the United States to be used by the Commission in serving documents or directing correspondence to that licensee unless any licensee advises the Commission to the contrary, the address contained in the licensee's most recent application will be used by the Commission for these purposes.

95.221 Who may sign applications.

§ 95.221 Who may sign application

§ 95.221 Who may sign applications.

(a) Except as provided in paragraph (b) of this section, applications, amendments thereto, and related statements of fact required by the Commission shall be personally signed by the applicant, if the applicant is an individual; by one of the paramers, if the applicant is a partners, if the applicant is a partners, and officer, if the applicant is a partnership; by an officer, if the applicant is a servership; by an officer, if the applicant is an unincorporated and related statements of fact filed on behalf of eligible government entities, such as states and territories of the United States and political subdivisions thereof, the District of Columbia, and units of local government, including incorporated municipalities, shall be signed by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction.

(b) Applications, amendments thereto.

tion.

(b) Applications, amendments thereto

(b) Applications, amendments thereto (b) Applications, amendments thereto, and related statements of fact required by the Commission may be signed by the applicant's attorney in case of the applicant's physical disability or of his absence from the United States. The attorney shall in that event separately set forth the reason why the application is not signed by the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are true.

(c) Only the original of applications, amendments, or related statements of fact need be signed: copies may be conformed.

(d) Applications, amendments, and

fact need be signed: copies may be con-formed.

(d) Applications, amendments, and related statements of the fact need not be signed under oath. Willful false statements made therein, however, as-punishable by fine and imprisonment. U.S. Code. Title 18, section 1001, and by appropriate administrative sanctions, including revocation of station license pursuant to section 312(a)(1) of the Communication Act of 1934, as amended. 8 95.223 Defective applications.

(a) If an applicant is requested by

(a) If an applicant is requested by the Commission to file any documents or information not included in the pre-scribed application form, a failure to

scribed application form, a failure to comply with such request will constitute a defect in the application.

(b) When an application is considered to be incomplete or defective, such application will be returned to the applicant, unless the Commission may otherwise direct. The reason for return of the applications will be indicated, and if appropriate, necessary additions or corrections will be suggested.

application,

(a) Any application may be amended upon request of the applicant as a matter of right prior to the time the application is granted or designated for hearing. Each amendment to an application shall be algued and submitted in the same manner and with the same number of copies as required for the original application.

(b) Any application may, upon written request signed by the applicant or his attorney, be dismissed without prejudice as a matter of right prior to the time the application is granted or designated for hearing.

§ 95.227 Partial grant.

§ 95.227 Partial grant.

§ 95.227 Partial grant.

Where the Commission, without a hearing, grants an application in part, or with any privileges, terms, or conditions other than those requested, the action of the Commission shall be considered as a grant of such application unless the applicant shall, within 30 days from the dase on which such grant is made, or from its effective date if a later date its specified, file with the Commission a written rejection of the grant as made. Upon receipt of such rejection, the Commission will vacate its original action upon the application and, if appropriate, set the application for hearing.

§ 95.229 License term.

Licenses will normally be issued for term of 5 years from the date of origins issuance, major modification, or renewa § 95.231 Types of operation authorized

Stations are authorized as mobile sta-tions only; however, they may be oper-ated at fixed locations in accordance with other provisions of this part.

other provisions of this part.

§ 95.233 Transfer of license prohibited.
A station authorisation may not be transferred or assigned. In lieu of such transfer or assignment, an application for new station authorisation shall be filed in each case, and the previous authorization shall be forwarded to the Commission for a cancellation.

§ 95.235 Changes in terms of lie

(a) Commission approval is required to increase the number of transmitters authorized for a particular station.

(b) Commission approval is not required to change either of the following terms:

(1) Name of a licensee (without langes in the ownership, control or reporate structure.)

(2) Mailing address of a licensee.

(2) Mailing address of a licensee. Although prior approval of the Commission is not required for any of these changes, prompt written notice must be furnished to the Commission as soon as possible after the change has been implemented. This notice, which may be in letter form, shall contain the name and address of the licensee as they appear in the Commission's records, the new name and/or address, and the call signs and classes of all radio stations authorized to the licensee under this part. This notice shall be sent to FCC, Gettysburg, PA, 17325, and a copy shall be maintained with the records of the station.

maintained with the records of the station.

(c) Commission approval is not required to substitute transmitting equipment at any station, provided that the equipment employed is included in the Cemmission's "Radio Equipment List" and is listed as acceptable for use in the R/C Service. Provided it is crystal-controlled and otherwise complies with the power, frequency tolerance, emission and modulation percentage limitations prescribed, non-type acceptance equipment may be substituted at R/C stations operated on frequencies in the 28.98–37.38 MHz band.

895.237 Limitations on automa corrections.

(a) All antennas (both receiving and transmitting) and supporting structures associated or used in conjunction with a station operated from a fixed location must comply with at least one of the following.

must comply with at teases the control of following:

(1) The antenna and its supporting structure does not exceed 30 feet in height above ground level; or

(2) The antenna and its supporting structure does not exceed by more than 20 feet the height of any natural formation, tree or man-made structure on which it is mounted; or

Nort.—A man-made structure is any coastruction other than a tower, mast, or poist.

(3) The autenna is mounted on the transmitting antenna structure of another authorised radio station and exceeds neither 60 feet above ground level nor the height of the antenna supporting structure of the other station; or

(4) The antenna is mounted on and does not exceed the height of the antenna structure otherwise used solely for receiving purposes, which structure itself compiles with subparagraph (1) or

(2) of this paragraph.

(5) The antenna is omnidirectional and the highest point of the antenna and its supporting structure do not exceed 60 feet above ground level and the highest point also does not exceed one foot is height above the established airport elevation for each 100 feet of horizontal distance from the nearest point of the nearest airport runway.

Norr.—A work sheet will be made available upon request to assist in determining she maximum permissible height of an emissions structure.

(b) R/C stations operated on frequences.

(b) R/C stations operated on frequent in the 72-76 MHz band shall cm;

cies in the 72-78 MEES band shall compley a transmitting antenna which complies with all of the following:

(1) The gain of the antenna shall not exceed that of a half-wave dipole;

(2) The antenna shall be immediately attached to, and an integral part of, the transmitter; and

(3) Only vertical polarisation shall be used.

stansmitter; and

(3) Chy vertical polarization shall be used.

(c) Subpart I of Part I of this chapter contains procedures implementing the National Environmental Policy Act of 1969. Applications for authorization of the construction of certain classes of communications facilities defined as "major actions" in § 1.305 thereof, as required to be accompanied by specified statements. Generally these classes are:

(1) Antenna towers or supporting structures which exceed 300 feet in height and are not located in areas devoted to heavy industry or to agriculture.

(2) Communications facilities to be located in the following areas:

(1) Facilities which are to be located in an efficially designated wilderness area or in an area whose designation as a wilderness is pending consideration;

(11) Facilities which are to be located in an officially designated wildlife preserve or in an area whose designation as a wildlife preserve is pending consideration;

(11) Facilities which will affect dis-

ation; (iii) Facilities which will affect dis-tricts, sites, buildings, structures or ob-jects, significant in American history, ar-chitecture, archaeology or culture, which are listed in the National Register of Historic Places or are eligible for listing (see 36 CFR 890.22 (d) and (f) and 800.10); and

Elstoric Places or are eligible for listing (see 36 CFR 800.2) (d) and (f) and 800.10); and (iv) Facilities to be located in areas which are recognised either nationally or locally for their special scenic or recreational value.

(3) Facilities whose construction will involve extensive change in surface features (e.g. wetland fill, deforestation or water diversion).

Nove: The provisions of this paragraph

water diversion).

Note: The provisions of this paragraph do not include the mounting of FM, television or other ansenns comparable thereto in siss on an existing building or antenns and tower. The use of statisting routes, buildings and lowers is an environmentally desirable, and towers is an environmentally desirable. If the required statements do not accompany the application, the pertinent facts may be brought to the attention of the Commission by any interested person during the course of the license term and considered de novo by the Commission.

SEATION OPERATOR Parame Parameters.

STATION OPERATING REQUIREMENTS

95.251 Station authorization requir

No radio station shall be operated in this service except under and in accord-ance with an authorization granted by the Federal Communications Commis-

§ 95.253 Posting station license and transmitter identification cards or

(a) The current authorization, or a clearly legible photocopy thereof, for each station (including units of a sta-tion) operated at a fixed location shall

be posted at a fixed location shall be posted at conspicuous place at the principal fixed location from which such station is controlled, and a photocopy of such authorization shall also be posted at all other fixed locations from which the station is controlled. If a photocopy of the authorization is posted at the principal control point, the location of the original shall be stated on that photocopy. In addition, an executed Transmitter Identification Card (FCC Form 452-C) or a plate of metigor other durable substance, legibly indicating the call sign

and the licensee's name and address, shall be affixed, readily visible for inspection, to each transmitter operated at a fixed location when such transmitter is not in view of, or is not readily accessible to, the operator of at least one of the locations at which the station authorisation or a photocopy thereof is required to be posted.

to, the operator of at least one of the locations at which the station authorization or a photocopy thereof is required to be posted.

(b) The current authorization for each station operated as a mobile station shall be retained as a permanent part of the station records, but need not be posted. In addition, an executed Transmitter Identification Card (FCC Form 452-C) or a plate of metal or other durable substance, legibly indicating the call sign and the licensee's name and address, shall be affixed, readily visible for inspection, to each of such transmitter: Provided, That, if the transmitter is not in view of the location from which it is controlled, or is not readily secessible for inspection, then such card or plate shall be affixed to the control equipment at the transmitter operating position or posted adjacent thereto.

§ 95.255 Authorized frequencies.

§ 95.255 Authorized frequencies

R/O stations are authorized to operate on the following frequencies subject to the classifications and conditions set forth below.

(a) Control of remote objects or devices by radio, or remote actuation of devices which are used solely as a means of attracting attention.

(MCHs): 26.895; 27.045; 27.995; 27.145; 27.195; 27.265;

¹This frequency is shared with stations in other services. (b) Radio remote control of any odal used for hobby purposes.

(MHs): 72.16; 72.82; 72.96. (c) Radio remote control of airgraft odels only.

(MHs): 72.08; 72.24; 72.40; 75.64.

(MHs): 72.08; 72.24; 72.40; 75.94.

(d) Special conditions.

(1) Such stations operate on a shared basis with other stations in this service.

(2) The frequencies available for the control of remote objects or devices or for the remote actuation of devices which are used solely as a means of attracting attention are not afforded any protection from interference caused by the operation of industrial, scientific, or medical devices within the 26.96-27.28 MHz band.

(3) The frequencies available for the radio remote control of models used for hobby purposes are subject to the condition that interference will not be caused to the remote control of industrial equipment operating on the same or adjacent

to the remote control of industrial equip-ment operating on the same or adjacent frequencies or to the reception of tele-vision transmissions on Channels 4 and 5. These frequencies are not afforded any protection from interference due to the operation of fixed and mobile stations in other services assigned to the same or adjacent frequencies.

§ 95.257 Policy governing the availabil-ity of frequencies.

By of frequences.

(3) Each frequency available for use by stations in this service is available on a shared basis only, and will not be assigned for the exclusive use of any one applicant; however, the use of a particular frequency may be restricted to (or in) one or more specified geographical areas.

in) one or more specified geographical areas.

(b) All applicants and licensees in this service shall cooperate in the selection and use of the frequencies assigned or authorized, in order to minimize interference and thereby obtain the most affective use of the authorized facilities.

(c) Simultaneous operation on more than one frequency in the 72-76 MHs band by a transmitter or transmitters of a single licensee is prohibited whenever such operation will cause harmful interference to the operation of other licensees in this service.

§ 95.329 Emission types authorized.

§ 95.259 Emission types authorised.

§ 95.259 Emission types authorized.

(a) Transmitters used in this service are authorized to use amplitude tone modulation or on-off unmodulated carrier only, for the control of remote objects or devices by radio or for the remote actuation of devices which are used solely as a means of attracting attention.

(b) A station in this service is prohibited from transmitting any form of telegraphy, telephony or recorded communications.

(c) Telemetering, except for the transmission of simple, short duration signals indicating the presence or absence of a condition or the occurrence of an event, is also prohibited.

8 95.265 Owerstion by, or on behalf of.

§ 95.265 Operation by, or on behalf of, persons other than the licenses.

(a) Transmitters authorized in this service must be under the control of the licensee at all times. A licensee shall not transfer, assign, or dispose of, in any manner, directly or indirectly, the operating authority under his station license, and shall be responsible for the proper operation of all units of the station.

tion.

(b) Stations may be operated only by the following persons, except as provided in paragraph (c) of this section:

(1) The licensee;

(2) Members of the licensee's immediate family living in the same household;

(3) The partners, if the licensee is a partnership, provided the communications relate to the business of the part-

tions relate to the business of the part-nership;

(4) The members, if the licensee is an unincorporated association, provided the communications relate to the busi-ness of the association;

(5) Employees of the licensee only while acting wighin the scope of their employment;

(6) Any person under the control or

(6) Employees of the licensee only while acting within the scope of their employment;
(6) Any person under the control or supervision of the licensee when the station is used solely for the control of remote objects or devices, other than devices used only as a means of attracting attention; and
(7) Other persons, upon specific prior approval of the Commission shown on or attached to the station license, under the following circumstances:
(1) Licensee is a corporation and proposes to provide private radiocommunication facilities for the transmission of its parent corporation, another subsidiary of the parent corporation, or its own subsidiary. Any remuneration or comensation received by the licensee for the use of the radiocommunication facilities shall be governed by a contract entered into by the parties concerned and the total of the compensation shall not exceed the cost of providing the facilities. Records which show the cost of service and its nonprofit or cost-sharing basis shall be maintained by the licensee.
(ii) Other cases where there is a need for other persons to operate a unit of the filling of the application for stather the state of the filling of the application for stather the state of the filling of the application for stather the state of the filling of the application for stather the state of the state of the filling of the application for stather the state of the state of the filling of the application for stather the state of t

tion license or thereafter by letter. In either case, the licensee must show the nature of the proposed use and that it relates to an activity of the licensee, how the proposes to maintain control over the transmitters at all times, and why it is not appropriate for such other person to obtain a station license in his own name. The authority, if granted, may be specific with respect to the names of the persons who are permitted to operate, or may authorize operation by unnamed persons for specific purposes. This statherity may be revoked by the Commission, in its discretion, at any time.

(c) An individual who was formerly a station licensee shall not be permitted to operate any station of the same class incensed to another person until such time as he again has been issued a valid radge station license, when his license has been:

(1) Revoked by the Commission.

(3) Surrendered for cancellation after the institution of revocation proceedings by the Commission.

(3) Surrendered for cancellation after a notice of apparent liability to forfeitups has been served by the Commission.

has been served by the Commission.

§ 95.269 Duration of transmissions.

(a) All communications or signals, regardless of their nature, shall be restricted to the minimum practicable transmission time. The radiation of energy shall be limited to transmissions modulated or keyed for actual permissible communications, tests, or control signals. Continuous or uninterrupted transmissions from a single station or between a number of communicating stations is prohibited, except for communications involving the immediate safety of life or property.

(b) The transmission of permissible control signals shall be limited to the

control signals shall be limited to the minimum practicable time necessary to accomplish the desired control or actuaccompilab the desired control or actuation of remote objects or devices. The continuous radiation of energy for periods exceeding 3 minutes duration for the purpose of transmission of control signals shall be limited to control functions requiring at least one or more changes during each minute of such transmission. However, while it is actually being used to control model sircraft in flight by means of interrupted tone modulation of its carrier, a station may transmit a continuous carrier without being simultaneously modulated if the presence or absence of the carrier also performs a control function. An exception to the limitations contained in this paragraph may be authorized upon a satisfactory showing that a continuous control function which is necessary to insure the safety of life or property.

§ 95.271 Station identification.

§ 95.271 Station identification

§ 95.271 Station identification.

(a) The call sign of a station shall consist of either three letters followed by four digits or shall consist of four letters followed by four digits.

(b) Unless specifically required by the station authorization, the transmissions of an R/C station need not be identified.

§ 95.273 Station location.

§ 95.273 Station location.

(a) A station may be used or operated anywhere in the United States subject to the provisions of paragraph (b) of this section.

(b) A mobile station authorised in this service may be eised or operated on any vessel, aircraft, or vehicle of the United States: Provided, That when such vessel, aircraft, or vehicle is outside the jearnitorial limits of the United States, the station, its operation, and its operation, and its operation, shall be subject to the governing provisions of any treaty concerning telecommunications to which the United States is a party, and when within the territorial limits of any foreign country, the station shall be subject also to such laws and regulations of that country as may be applicable.

§ 98.275 Dispatch points and recontrol.

(a) No authorization is required to install dispatch points.
(b) Operation of any station by remote control is prohibited except remote control by wire upon specific authorization by the Commission when satisfactory need is shown.

STATION ADMINISTRATION REQUIREMENTS 95.301 Prohibited communications.

§ 95.301 Prohibited communications.

(a) A station shall not be used:

(1) For any purpose, or in connection
with any activity, which is conserved to
Federal, State, or local law.

(2) To intentionally interfere with the
communications of another station.

(3) To carry on sommunications for
hire, whether the remuneration or benefit received is direct or indirect.

(b) A licensee of a station who is engaged in the business of selling radjotransmitting equipment shall not allow a
customer to operate under his station
license.

§ 95.305 Current copy of rules req

g 95.305 Current copy of rules required.

Each licensee in this service shall
maintain as a part of his station records
a current copy of Subpart C of Part 95,
Personal Radio Services, of this chapter.
Additional requirements of a technical
nature may be found in Subpart F of this
part.

§ 95.307 Answers to notices of viola

§ 95.307 Answers to metices of violentiese.

(a) Any licensee who appears to have violated any provision of the Computations Act or any provision of the Computations and requesting a statement concerning the matter. FCC Form 783 may be used for this purpose.

(b) Within 10 days from receipt of notice or such other period as may be specified, the licensee shall send a written answer, in duplicate, direct to the office of the Commission originating the notice of the Commission originating the period as may be specified, the licensee shall send a written survey of the commission originating the notice of the commission or other unavoidable circumstances, acknowledgment and answer shall be made at the earliest practicable date with a satisfactory explanation of the delay.

(c) The answer to each notice shall be complete in itself and shall not be absorbed by reference to other communications or answers to other notice means the confident or omission complained of and to preclude its recurrence. If the notice relates to violations that may be due to the physical or electrical characteristics of transmitting apparatus, the licensee must comply with the provisions of § 98.621, and the answer to the notice shall state fully what steps, if any, have been taken to prevent future violations, and, if any new apparatus is

to be installed, the date such apparatus was ordered, the name of the manufacturer, and the promised date of depluyery. If the installation of such apparatus requires a construction permit, the file number of the application shall be given, or if a file number has not been assigned by the Commission, such identification shall be given as will permit ready identification of the application. If the notice of violation relates to lack of attention to or improper operation of the transmitter, the name and license number of the operator in charge, if any shall also be given.

89.5.311 Transmitter service and mais-

§ 95.311 Transmitter service and main-

tenance.

(2) Except as provided in paragraph (c) of this section, all transmitter adjustments or tests while radiating energy during or coincident with the construction, installation, servicing, or maintenance of a radio station in this service, which may affect the proper operation of such stations, shall be made by or under the immediate supervision and responsibility of a person holding a firstore second-class commercial radio operator license, either radiotelephome or radio talegraph, as may be appropriate for the

type of emission employed, and such person shall be responsible for the proper functioning of the station equipment at the conclusion of such adjustments or tests. Further, in any case where a transmitter adjustment which may affect the proper operation of the transmitter has been made while not radiating energy by a person not the holder of the required commercial radio operator license or not under the supervision of such licensed operator, other than the factory assembling or repair of equipment, the transmitter shall be checked for compliance with the technical requirements of the rules by a commercial radio operator of the proper grade before it is placed on the air.

(b) Except as provided in § \$5.621 and in paragraph (c) of this section, no commercial radio operator license is required to be held by the person performing transmitter adjustment or tests during or coincident with the construction, installation, servicing, or maintenance of transmitters: Provided, That there is compliance with all of the following conditions:

(1) The transmitting equipment shall be crystal-controlled with a crystal capable of maintaining the station frequency within the prescribed tolerance;

(2) The transmitting equipment either shall have been factory assembled or shall have been factory assembled or a manufacturer who provided in kit form by a manufacturer who provided all components together with full and detailed instructions for their assembly by nonfactory personnel;

(3) The frequency determining elements of the transmitter, including the crystalis and all other components of the crystalis and all other components of the crystalis and all other components or any adjustment of any component or any adjustment which might cause off-frequency operation cannot be made without breaking such seal and thereby yolding the certification of the manufacturer required by this paragraph;

(4) The transmitting equipment or of the kit from within the intervention feature of the component or the component or the component or any adjustment which might cause off-frequency operation of the manufacturer.

(5) The manufacturer of the kit from within the transmitting equipment to the component to the Commission upon request) that the sequipment has been designed, manufacturer of the capture that the sequipment has been designed, manufacturer, and furmished in accordance with the sequipment of the capture that the equipment has been designed, manufacturer, and furmished in accordance with the sequipment of the component or any adjustment of any component or any adjustment which might cause off-frequency operation of the manufacturer.

(4) The transmitting equipment are equipment of the particular unit of transmitting equipment or any adjustment which might have been designed in the foregoing subparagraphs of this paragraph. The manufacturer's certifications concerning design and construction features of the reliable frequency and furmished in accordance with the sequipment and furmished in accordance with the sequipment of the captures of the reliab

as required if the provisions of this paragraph are invoked, may be specific as to
the particular unit of transmitting equipment or general as to a group or model of
such equipment, and may be in any form
adequate to assure the purchaser of the
equipment or the Commission that the
conditions described in this paragraph
have been fulfilled.

(6) Any tests and adjustments necessary to correct any deviation of a transmitter of any station in this service from
the technical requirements of the rules
in this part shall be made by, or under
the immediate supervision of, a person
holding a first- or second-class commercial operator license, either radiotelephone or radiotelegraph, as may be appropriate for the type of emission
employed.

8 95.315 Tests and adjustments of radio transmitting equipment involving an exter "alconnection to the radio frequency output circuit shall be made using a non-radiating dummy antenna. However, a brief test signal, either with or without modulation, as appropriate, may be transmitted when it is necessary to adjust a transmitter to an antenna for a new statilation involving a change of anter or change of transmitters, or when n sary for the detection, measurement, suppression of harmonic or other spurious radiation. Test transmissions using a radiating antenna shall not exceed a total of 1 minute during any 5-minute period, shall not interfere with communications already in progress on the operating frequency, and shall be properly identified as required by § 95.271 but may otherwise be unmodulated as appropriate.

§ 95.321 Inspection of stations and sta-tion records.

All stations and records of stations shall be made available for inspection upon the request of an authorized repre-sentative of the Commission made to the licensee or to his representative (see \$1.6 of this chapter). Unless otherwise stated in this part, all required station records shall be maintained for a period of at least 1 year.

San Fernando VALLEY FLYERS RC CLUB, Inc. 1977 Membership Application Renewal

Name Address Zip City AMA No. Phone Date
515.00 ___ AMA Open 12.00
12.50 ___ Model Avia. 5.00
12.50 ___ AMA JR./SR. 3.00 Total Pay Rec'd \$ \$15.00 _ New Member Penalty March 2.50 ___ Model Avia 7.00 __ Junior under (Half) 16 ___ FAI Stamp 1.00 __ Family _ Jul. thru Dec: _ Other __

Radio Repairs:

See Lloyd Taylor for repair of all brands at reasonable prices:

RATIONAL MODEL AIRPLANE CHAMPIONSHIPS, MARCH AFB, RIVERSIDE, CALIFORNIA

West Coast Championships, Pattern and Sport Scale, Bakersfield 1/2 A Pylon, Valencia Valley Pattern and Sport Scale, SGVRCL, Whittier Marrows Pattern and Sport Scale, San Diego Drones 1/2 A Pylon Championships, Valley Flyers, Sepulveda Basin

Formula I, SGVRCL/BIRDs, Whittier Narrows
Speed Trials, Valley Flyers, Sepulveds Basin
Desert Classic, Pattern and Sport Scale, California City
Biplane, Bakersfield (Tentative)
Formula 500, SGVRCL, Whittier Harrows
AT6/1/4 Hidget, OGRC/Scale Squadron, Mile Square
Pattern and Sport Scale, Las Vegas
1/4 Midge* Championships, QMRC/Valley Flyers, Sepulveds Basin

Air Circus, SGVRCL, Whittier Narrows Formula I, Valley Flyers, Sepulveda Basin

Formula 500, R/C Bees, Whittier Narrows Tournament of Championships, Las Vegas Formula 500, Pomons Valley MAC, Cucamon WinterNats, Tucson (Tentative)

10711 DAILE AVE CHATSWORTH

(213) 363-3778)

Tom Mead when asked his age replied, "I have a son and a granddaughter whose ages total 40 years. Right now I am twice as old as my son. In 22 years I will be as old as the sum of their ages." How old is Tom's granddaughter?

AUGUST 6-14 August 20-21 August 27-28

October 1-2 October 9-9 October 8-9 October 16 October 16 October 22-23

Pattern, OCEC, Mile Square 1/2 A Pylon, Valley Flyers, Sepulveda Basin Formula 500, SCYECI, Whittier Narrows Formula I, Valley Flyers, Sepulveda Basin March 20 March 26-27 1/4 Midget, Pomona Valley MAC, Cucamonga 1/2 A Pylon, Valencia Valley Pop White Formula I, SGVECL, Whittier Narrows Pattern and Sport Scale, BIRDs, Sapulveda Basin Model Expo '77, Cancer Society/OCEC, Mile Square April 3 April 17 April 16-17 April 23-24 April 30-May 1 1/2 A Pylon, Simi Valley
MACS Trade Short
Fattern and Sport Scale, Pionaers
1/2 A Standoff Scale, Mile Square
Biplane, R/C Base (Site to be announced)
Formula I, Bakaraffeld
Formula SOO, Valley Flyers, Sepulveda Basin
Pattern, Fresno R/C, Maders
1/4 Midget, Mexicali, Maxico May 1 May 7-8 May 14-15 May 15 May 15 May 21-22 May 29 May 28-29-30 May 28-29 Formula I, Santa Clara (Tentative)

1/2 A Pylon, Valencia Valley

Pattern, Pomona Valley MAC, Cucamonga

1/4 Midget, Valley Flyers, Sapulvada Basin

Formula 500, SGVRCL, Whittier Narrows

Masters R/C Aerobatics Team Selection, Springfield, Ohio

R/C Aerobatics World Chempionships, Springfield Ohio June 4-5 June 5 June 11-12 June 12 June 26 June 25-26 June 29-July 4 Sport Scale, OCEC/Scale Squadron, Mile Square
Formula I, SGVRCL/BIRDs, Whittier Narrows
Pattern and Sport Scale (Scale 10th only) Valley Flyers, Sepulveda Basin
Formula I, San Diego area (Site to be announced)
1/2 A Pylon, Simi Valley
Invitational Fun Fly, OCEC, Mile Square
Formula 500, Fomona Valley MAC, Cucsmonga July 2-3 July 2-3 July 9-10 July 16-17 July 24 July 23-24 July 31

THE VALLEY FLYER George Finch, Editor 18127 Wakecrest Drive Malibu, CA 90265

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