



"THE OLDEST A.M.A. SANCTIONED SOARING CLUB IN THE WORLD"

P.O. BOX 1673, COSTA MESA, CA. 92626

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VICE-PRESIDENT :	DICK PANTZAR	642-1380
SECRETARY :	KEN MYERS	968-6901
TREASURER :	FRANK CHASTELER	545-2185
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GENERAL DIRECTOR :	Morris Smith	548-5353
EDITOR	KEN MYERS	

March, 1982

"THE SOCIETY COLUMN"

VOL.19 NUMBER 3

MARCH CONTEST RESULTS

Our second Thermal contest for the year was held on March 7th. Mother Nature gave us a good day for flying and twelve entrants responded to the challenge of coming in for a landing thru "the gates". The results are listed below.

CONTEST II MARCH 1982

	<u>SCORE</u>	<u>OPEN</u>	<u>ADVANCED</u>	<u>SPORTSMAN</u>
1. F. Chasteler	2925.1	1000		
2. T. Chasteler	2867.5		980	
3. J. Krug	2859.7			978
4. G. Ritschke	2810.6		961	
5. J. Durham	2758.3		943	
6. H. Hall	2737.9			936
7. J. White	2706.5		925	
8. R. Miller	2699.6			923
9. J. Brennan	2649.4			906
10. A. Beckman	2634.1			901
11. M. Smith	2611.0		893	
12. J. Amies	1743.7			596

INTERESTED IN USING THE 53MHZ PORTION OF THE BAND? BECOME A HAM RADIO OPERATOR!

I am a licensed "HAM". I have been asked by a few of our members how they can obtain the license to operate on the 53MHZ portion of the band for RC. I'll offer a brief outline of the steps and qualifications necessary to obtain your license.

1. Passing a written test concerning a very basic knowledge of electronic theory and knowledge of the FCC rules and regulations.
2. Passing a Morse Code proficiency test. This involves receiving Morse Code at 5 WPM (the ability to send code at this speed is assumed and has been deleted from the test). No fees are required.

The level of license required to operate on 53 MHZ is called "Technician", This is one step above the first level, the Novice level. The Code

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requirement is the same as the Novice level, 5 WPM. I would be glad to share any information that may be of use to any interested party. A publication that will assist you in mastering the code and the written tests is "Tune In The World with Ham Radio", available from any Henry Radio store or other store that features Amateur Radio equipment.

\$\$\$ _____ \$\$\$

Our club treasurer received a check from the Costa Mesa court for \$100.00 from one of the people we caught driving across our flying field. The Judicial System works, or so it seems.

ELECTRIC CONTEST APRIL 4th

The main reason for your news letter arriving so early was to inform all interested parties about our Electric Contest on April 4th. In talking to Frank he advised me that the flight duration and motor runs will be changed to make the event a little easier.

Dig out the electric, come over and have some fun. APRIL 4th at our new field ----Contest begins at 0900 hrs.

SC2

Our SC 2 event is only one month away! Lets show the other clubs a well organized event with plenty of club member participation! DON'T RELY ON A FEW TO DO IT ALL, VOLUNTEER!! We still need a few Scorers, line retrievers, landing judges and winch masters. (Some of these positions have already been filled for part of the day, but give an hour or two of your time so these guys can enjoy the competition also).

ELECTRIC FLYING

A movement is underway to attempt to organize the individuals interested in Electric Flying. A meeting was held earlier this month. A few of our members attended this meeting. A will try to contact them and try to get more information for the next news letter.

FOR SALE

FOR SALE

FOR SALE FOR SALE

Cirrus Fuselage (Fiberglass) \$20.00
Aquila with 3 channel Cox Radio and Charges \$200.00
Contact Gordon Ritschke (714) 548-1806

6 Volt Winch with battery \$100.00
3 channel Kraft Series 71 System (with 2 servos) new batteries, on yellow and white \$100.00
Contact Jim White (714) 962-5608

NEW MEMBERS

On March 3rd we welcomed three new members to the club. Their names, addresses and phone numbers are listed below. On behalf of all the members, Welcome!!! Many hours of safe, fun filled flying Ron, Bob and Jim!!!

RON NOWAK
2010 S. Euclid #2
Anaheim, Calif. 92802
663-6485

BOB HOGGATT
1950 W. Lullaby Lane
Anaheim, Calif. 92804
991-0917

JIM FRYE
12901 Woodland Lane
Garden Grove, Ca. 92690
530-8798

NEW PRODUCTS

As I indicated in my first newsletter, I will try to list some new things on the market we can beg our wives to let us buy.

Reference April 1982 issue of R.C.M. article by Ken Willard. Ken's article deals with several pertinent topics. In the article he reviews the ACCU-TACH, manufactured by Norcel Avionics in Sunnyvale, Calif. I have discussed this piece of gear with a few of the gang at the field and I think we all feel that it would be an extremely useful tool. It's basic premise is that it is a Digital Tachometer with two scales, nearest 100 RPM and expanded to nearest 10 RPM's (Change the prop on your electric powered plane. See the results instantly.....Get the picture)? It also has a built-in Digital Voltmeter that can also put the battery being measured under a load condition (dynamic measurement rather than static). I'm writing the Company for a brochure....more to come.

Ken's article is also worth reading for some good news from the FCC. The new frequencies are at least off a dead spot and in discussion. Look for some results later this year. Ken mentions the efforts of Dr. Walter A. Good who has served on the AMA Frequency committee for a number of years. With Dr. Good's help the case for the need for the expanded frequency availability has been very well presented. (Believe me as a "Ham" I know full well what it takes to get the FCC to do anything that doesn't serve its own interests). I agree with Ken when he concluded his article with a request that we drop Dr. Good a postcard thanking him for his efforts in our behalf. I'll give you Dr. Good's address. My postcard is in the mail, how about yours? (You other club Editors, pass it along)!!!

Dr. W. A. Good
2902 Seashore Drive North
Port Richey, Fla. 33568

A thank you should also go to the AMA for their tireless efforts in the attempt to secure these frequencies. Let's let them know we appreciate what they have done!!!!

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I have attached a copy of the letter sent to all AMA Sanctioned clubs by Mr. John Worth, Executive Director of the AMA. I also included a frequency spectrum chart of the new "proposed" frequencies.

CONTRIBUTIONS TO THE NEWS LETTER

Jim White and John Brennan gave me some valuable information but due to a change in my deadline for this month, I couldn't get the release back from the magazine in time. I'll try for next month. Thank you gentlemen for your interest.

APRIL CLUB MEETING

Our meeting for April will be held on the 7th at 7:30 pm at the Costa Mesa Consolidated Water District Office, 1965 Placentia Street, Costa Mesa.

NEW PRODUCT FROM LEISURE ELECTRONICS

Roland Boucher previewed his latest product for his "05" line of electric motors. Roland called it a "Speed Reducer". He listed some specs for me and I'll pass them along to you:

Three reduction ratios are available 3:1, 2.5:1 & 2:1. The weight of the reducer is 8 grams and Roland lists its effective thrust at 32 oz. It will spin a 15 x 8 Carrera @ 3200 RPM using 6 1200 MAH Sanyo batteries and swing an 11 x 6 Rev Up prop at 6,000 RPM with 8 600 MAH Sanyo cells. List price is \$21.95 for the complete reducer, which by the way uses no belts and \$59.95 for the reducer and "05" motor

Roland promised a full production run soon. He does have the reducer available in limited quantities at this time. Roland also advised me of some future design modifications for mounting the Reducer in his Playboy.

NONSENSE

In 1975 at West London Stadium in London, England a woman threw a 2 lb. rolling pin 157 feet 6 inches!!!(I bet her ole man didn't come home from the pub late claiming his watch stopped, etc)!!!!!!

PARTLY PERSONAL

Marshall, I like your news letter!!!!!!!!!!

Academy of Model Aeronautics



NATIONAL HEADQUARTERS • 815 FIFTEENTH STREET, N.W., WASHINGTON, D.C. 20005 • TELEPHONE: AREA CODE 202/347-2751

March 3, 1982

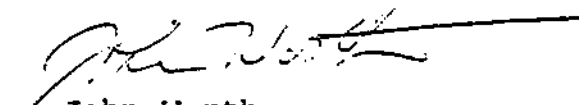
1981 and 1982 AMA Chartered Clubs

In December and January, a delegation from the Academy: Fred Marks, of AMA's Frequency Committee; Jack Smith, AMA's legal counsel; and either Carl Maroney or John Worth of the AMA HQ staff, held seven meetings with Commissioners: Quello, Fowler, Washburn, Fogerty, Dawson, Rivera and Jones of the Federal Communications Commission in Washington, D.C.

The twenty minute presentation, given by Fred Marks, emphasized an urgent need for approval of additional frequencies in the 72-75 MHz band. This effort was well received by the Commissioners, and was a follow up to previous AMA efforts during the past two years. Part of the goal being to create a better understanding within the FCC of the model aviation activity and the requirement for immediate relief from the minimal number of radio frequencies that are presently available. The AMA Committee is requesting that the Notice of Proposed Rule Making (NPRM) be issued approximately March 1, 1982, thereby paving the way for 73 new frequencies (50 aircraft and 23 cars, boats, etc.) in 1982.

Attached is a copy of the professionally prepared presentation by Fred Marks. With the help of the charts, the past, present, and future of radio controlled modeling is verbally and visually described during the presentation, and the need for prompt action is emphasized. The favorable response, to date, from FCC officials has reinforced an earlier indication that a positive action can be expected in March or shortly thereafter.

Sincerely,

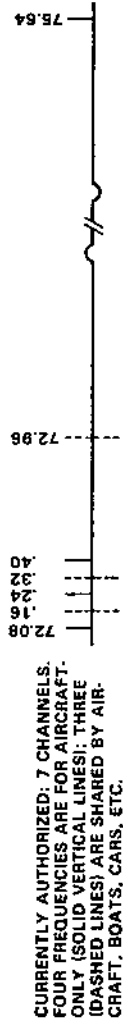


John Worth
Executive Director

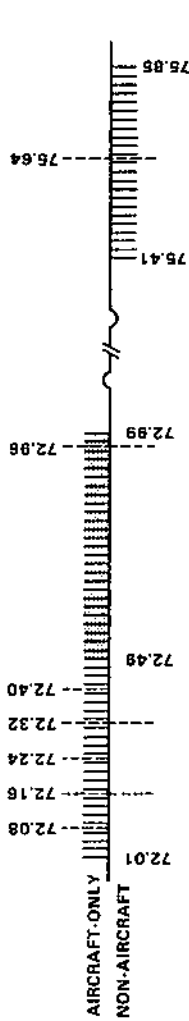
JW:myc

PRESENT AND FUTURE REQUIREMENTS FOR R/C SPECTRUM

ACADEMY OF MODEL AERONAUTICS 72-76 MHz RC FREQUENCY ALLOCATION PLAN



AFTER RULE ADOPTION: 57 AIRCRAFT CHANNELS (50 NEW + 3 OLD, FOR AIRCRAFT-ONLY, + 4 SHARED WITH NON-AIRCRAFT). 27 NON-AIRCRAFT (23 NEW + 4 SHARED). NOTE: 75.64 ADDED TO SHARED CHANNELS (FORMERLY AIRCRAFT-ONLY).



AIRCRAFT-ONLY FREQUENCIES ARE SHOWN ABOVE HORIZONTAL LINE; NON-AIRCRAFT ARE SHOWN BELOW. SHARED FREQUENCIES ARE ABOVE AND BELOW.
DASHED VERTICAL LINES SHOW CURRENT RC FREQUENCIES; SOLID VERTICAL LINES SHOW PROPOSED NEW RC FREQUENCIES.

FREQUENCIES SHOWN IN SHADED AREA ARE SUBJECT TO INTERMODULATION INTERFERENCE WITH LOWER FREQUENCIES DUE TO CURRENT RECEIVER LIMITATIONS.

NEW FREQUENCIES IMMEDIATELY ADJACENT TO OLD (CURRENT) RC FREQUENCIES CANNOT BE USED DUE TO GREATER BAND WIDTH OF EQUIPMENT FOR LATTER. THIS RESULTS IN THIRTEEN USABLE NEW CHANNELS PLUS THE CURRENT SEVEN FOR COMPATIBLE AIRCRAFT OPERATIONS WITH OLD AND NEW EQUIPMENT. FOR NON-AIRCRAFT, 21 NEW CHANNELS MAY BE USED WITHOUT COMPATIBILITY PROBLEMS.

5 YEARS AFTER RULE ADOPTION: 50 AIRCRAFT-ONLY CHANNELS, 23 NON-AIRCRAFT; ALL NARROW BAND. ALL OLD CHANNELS DISCONTINUED.



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• OUR REQUEST IS MODEST

• COMPARE, FOR EXAMPLE:

	POPULATION (MILLIONS)	NO. OF USEABLE CHANNELS	POPULATION PER CHANNEL (THOUSANDS)
FEDERAL REPUBLIC OF GERMANY	61.7	75	820
AUSTRIA	7.5	66	113.6
U.S.A.	218	7	31,114

FROM THE EDITOR

Last Sunday, after collecting the pieces of my latest attempt to set a world's record for events involving extreme trauma of a lifting body, and/or the supportive structure of same, I met with Larry Frakes concerning the main page of our newsletter. Larry is desiging some artwork for our next edition. All I can say is THANKS LARRY!!!

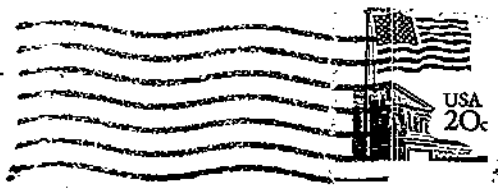
The assistance and support from all our members concerning this newsletter has been great! I'm having a ball writing it and will accept any and all inputs for it. I'm going to see if I can sweet talk some of our members into writing a monthly or bi-monthly "specialized" column, IE: Electric Planes, New products, AMA News, anything of interest to our members. Any volunteers????

TILL NEXT TIME,

"BLUE SKIES AND SOFT AIR"

A handwritten signature in cursive script, appearing to read "Tom Ulyea". The signature is written in black ink and is positioned below the typed text.

12e



Hall, Herman
2023 N. Greengrove St.
Orange, Ca. 92665