



**GRASSFIELD RC CLUB, INC.**

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February 3, 1993

**FEB 11 1993**

**FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY**

Director  
Federal Communications Commission  
1919 M Street NW  
Washington DC 20554

Dear Director:

I have been involved with model aviation since I was a young boy. Like many other people, ranging from astronauts to engineers, I grew up building and flying model aircraft for a relaxing and rewarding pastime. Today, I build and fly models which are controlled by radio transmitters and receiver. I have also taught this skill and its many rewards to many groups of students and Boy Scouts. The interest sparked by this hobby has challenged these young people's minds and imaginations when many of their peers succumbed to far less productive diversions.

Today the continuation of this educational and challenging hobby for over two million model aviation enthusiasts in this country is in serious jeopardy. Many jobs associated with the manufacture and sale of our radio equipment will cease to exist. Why?

Because adoption of a proposal, PR Docket 92-235 before the Federal Communications Commission will immediately obsolete and render unusable over \$5,000 of radio equipment which I personally own. Similarly, approximately one million other users of this equipment would be effected financially as well. Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety

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precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that radio controlled model airplanes are far from many people's vision as "toys". Wing spans in the range of 8' to 10' are very common with weights in the 30 to 55 lb. range. Models of this type require between 100 and 1000 hours to construct, all one at a time, all by hand.

The implementation of PR Docket 92-235 would create interference to our model's radio equipment on 62% of our current frequencies allotted by the FCC. The resulting interference would result in an uncontrolled crash and destruction of the model. Please take a moment to look at the cover of one of our hobby's publications (enclosed), published by our Academy of Model Aeronautics. I am sure you can see these are not "stick and tissue" models but expensive investments that would be jeopardized by the resulting radio interference caused by adoption of PR Docket 92-235 before the FCC.

I do not think it is wise of the FCC to seek to improve the operation conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to millions of people like myself and contributes to the advancement and development of the commercial aviation industry.

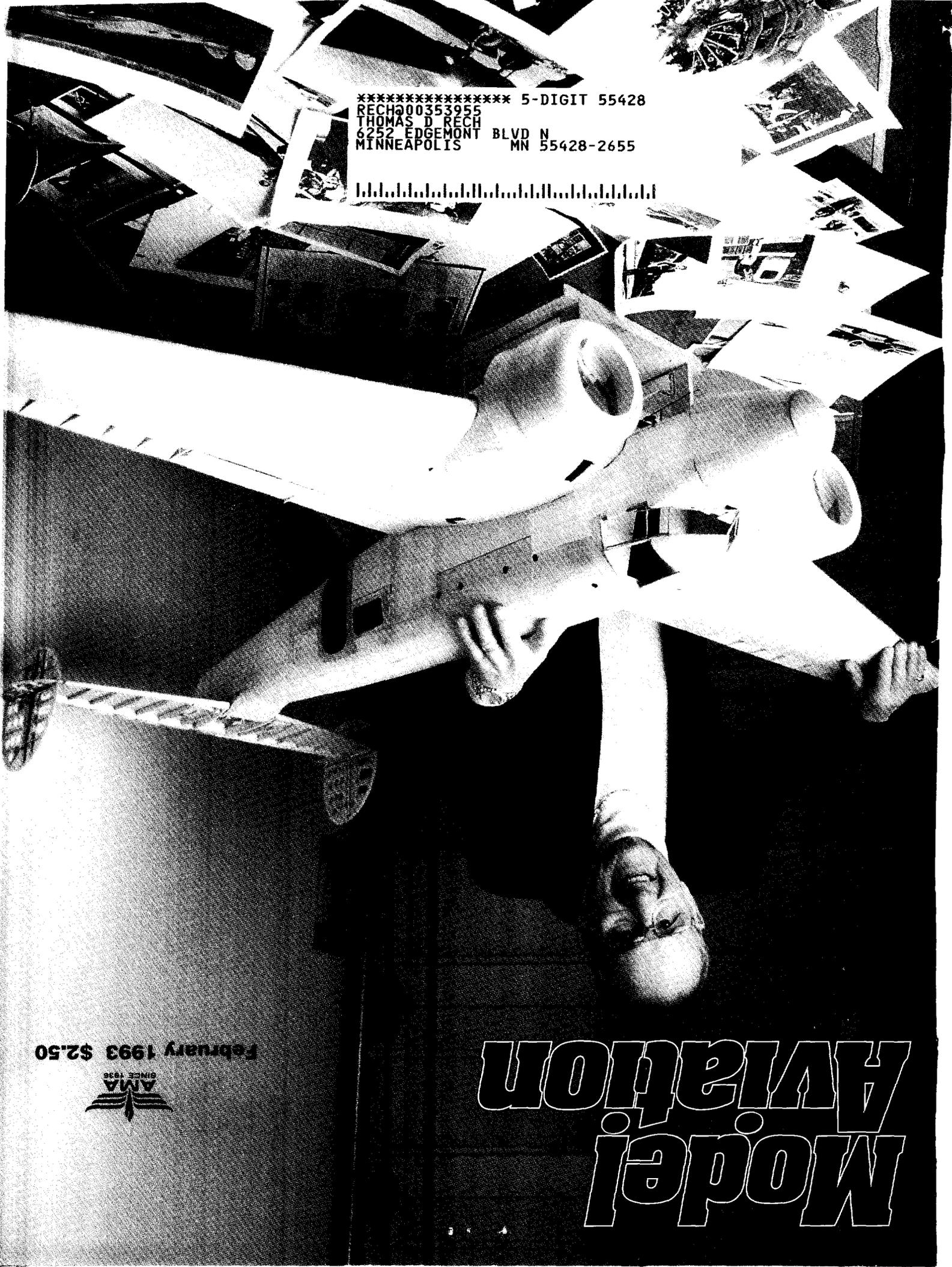
Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-75 MHz band.

Sincerely,

David P. Rech, President  
Grassfield R\C Club, Inc.  
6252 Edgemont Blvd.  
Brooklyn Park, MN 55428

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# Model Aviation

February 1993 \$2.50



# A Who's Who Of Helicopters.

**Who** gives you a choice of more than 20 different models, in .10, .30 and .60 sizes, including a complete series of magnificent scale copters and an array of optional fiberglass bodies?

**Who** lets you select between almost-ready-to-fly, factory assembled models and precision kits that you assemble yourself?

**Who** keeps more than 15,000 parts in stock, from Special Edition Gold high-performance parts to hundreds of standard replacement parts...so you won't be grounded for lack of a part?

**Who** has the design advances that make helicopter assembly and flying easier? Like putting our most popular Shuttle in ready-to-fly form...so all you do is attach the main rotor blades, tail boom and landing gear, install your radio and you are ready to fly?

**Who** offers you a wide choice of price levels, so you get started easier and advance at your own pace?

**Who** makes helicopters easier to maintain and set up? Who designs them to be virtually maintenance-free?

**Who** gives you durability you can depend on, like a metal clutch and bell housing, instead of plastic?

**Who** builds in thoughtful design elements to increase durability? For instance, the belt drive system protects the tail if struck and will momentarily slip to avoid damage to the drive train.

**Who**, in many of their models, helps assure ease of control by tip-weighting the main rotor blade for maximum stability, better autorotation landings and overall ease of flying?

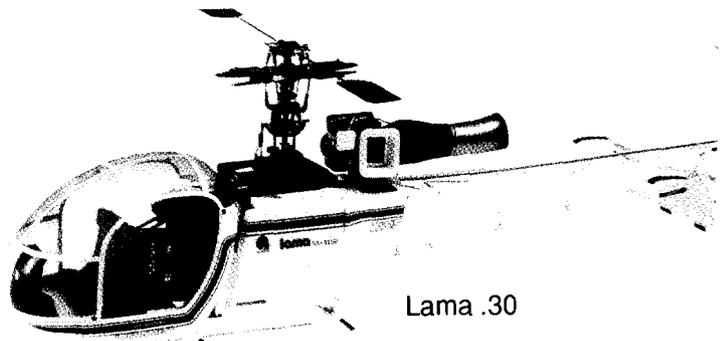
**Who** controls quality by doing all of their own engineering and manufacturing, every step of the way?

**Who** provides a knowledgeable factory support staff to ease you into the hobby and makes sure you get the most out of your helicopter?

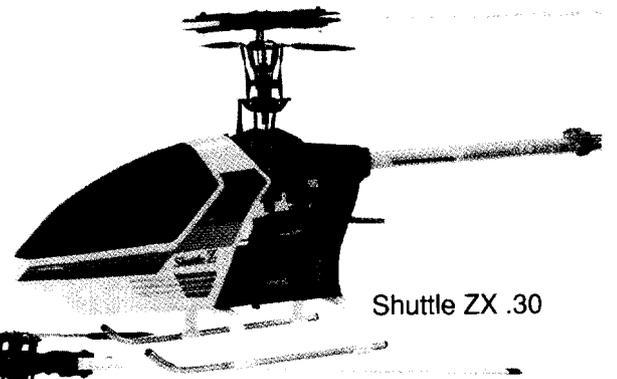
**Who** has nearly 20 years of experience in making technically advanced copters, and has proven their superiority with world championship wins?

**Who's** the leader in selection, technology and reliability?

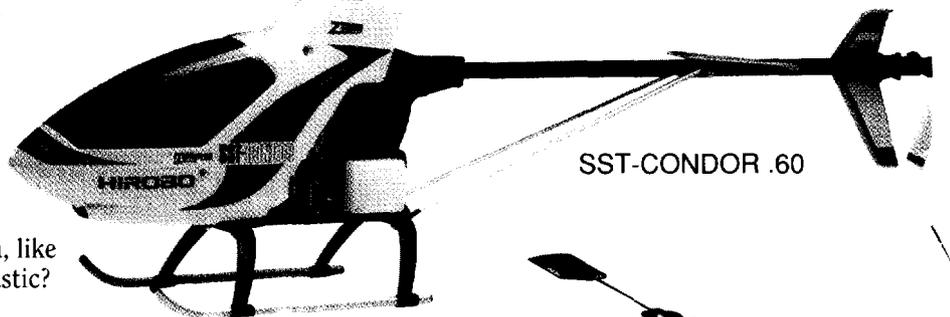
**Hirobo, that's who.**



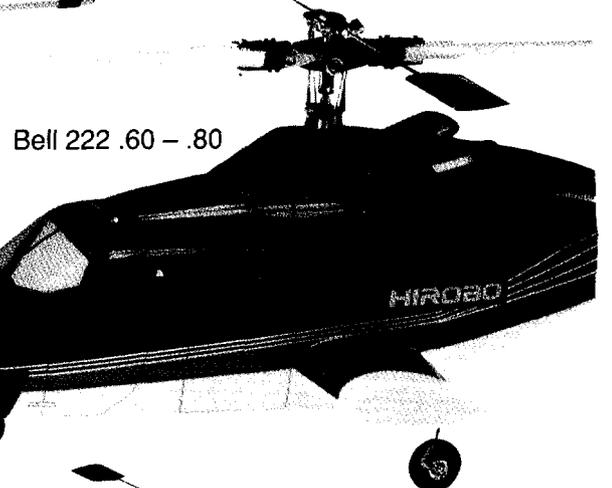
Lama .30



Shuttle ZX .30



SST-CONDOR .60



Bell 222 .60 - .80



Bell 222 .30

For maximum satisfaction and safety, always carefully follow the cautions and safety instructions that come with the helicopter. Seek qualified help and always wear eye protection.

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