



VOLUME 62

MILE HI RC FLYING CLUB

ISSUE 12

### In Less Than a Minute

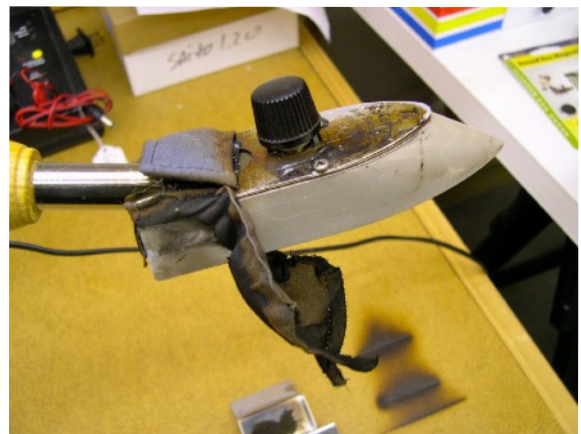
Hello all, I placed this article in our club newsletter a number of years ago and now with the "winter building season" here, I thought that it would be a good idea to post the article once again.

The two photos below show my destroyed Top-Flite sealing iron along with a sock and resting cradle. The iron was accidentally knocked off my 30" high hobby table, by me, onto a concrete floor. The iron was not plugged in at that time. I inspected the the iron briefly and saw no damage.

All looking fine so I plugged the iron in. Fortunately for me the iron was never left unattended after I plugged it in. *In less than a minute*, there was an electrical and wood burning odor followed by smoke emitting from from the iron. I yanked the cord from the wall outlet in a panic.

Even though the iron was plugged in for a very short time, the masonite table top burns are evident in the two pictures below. A later inspection of the cooled down iron showed that all of it's electronics were melted. *I sure am glad that I didn't walk away to allow the iron to heat up, as I would normally have done.*

Walt  
Club Newsletter Editor  
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<http://www.boeing.com/history/pioneers/lloyd-c->

[http://military.wikia.com/wiki/Boeing-Stearman\\_Model\\_75](http://military.wikia.com/wiki/Boeing-Stearman_Model_75)

**Star-Up Full Scale Stearman**

<https://www.bing.com/videos/search?q=steerman+startup&ru=%2fsearch%3fq%3dsteerman%2bstartup%26go%3dSubmit>

**450 Stearman Take Off & Landing**

<https://www.bing.com/videos/search?q=steerman+startup&ru=%2fsearch%3fq%3dsteerman%2bstartup%26go%3dSubmit>

Below are a Two Beautiful RC Stearman Airplanes - Be sure and turn up the sound

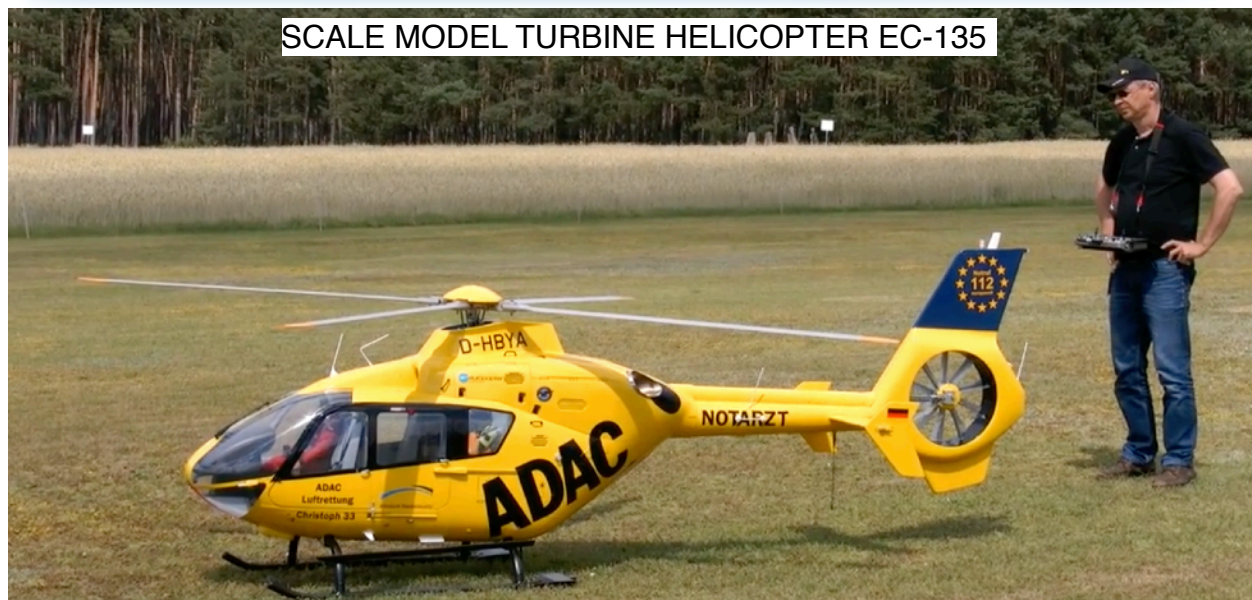
<https://www.youtube.com/watch?v=QQZXWxno1R8>







<https://www.youtube.com/user/rchelicopterfun1>



<https://www.youtube.com/watch?v=WF8zqG6xR90>

**Additionally - Some Full Scale EC-135 Information**  
<http://airbushelicoptersinc.com/products/H135-specifications.asp>

# The MHRCC "Kit Builder's Page"



Hello Mile HI RC Club Members,

(Starting in January)

In a few weeks, Marvin and I will start working on our "Winter Kit Building" projects. When our airplanes are completed, we plan to meet at the flying field for some great fun including light aerobatic "follow the leader flying get togethers" with our new planes. We are both building Great Planes Ultra Sport 60's from kits and we will power each of these planes with OS75AX engines. Both planes will be set up as tail draggers with fixed gear. More detailed information in a future club newsletter.

During the building process, we plan to contribute articles, pictures and "how to's" in the "Forum / Builder's" portion of our **club** web site as well as some postings in our Tailspinners newsletter. We also plan to give show and tell "kit builders segments" at some of our club meetings. These segments will highlight some of the tools and building methods used in conjunction with kit building.

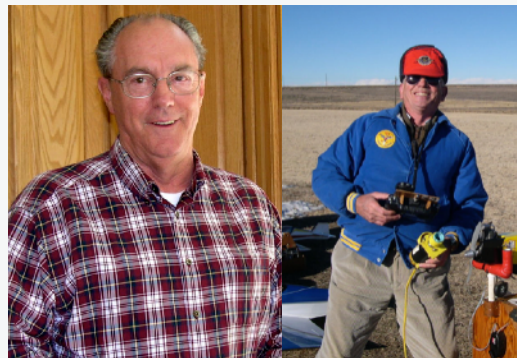
***If you would like to join us in the building and flying fun,*** just send me an email to let me know. If you are new to kit building and want to give it a try, let me know that too. While not absolutely necessary, we plan to modify the building plans and construction manual in a number of areas and I would be glad to share that with you. I have my kit, radio, battery and motor etc. sitting on a shelf in my basement. I met with Marvin yesterday and he informed me that he has ordered his kit, motor etc.

Lastly, we all love our ARF airplanes...(BTW, I hug mine every night at "beddy" time), especially if you just don't have the time to kit build. For those club members that do have the time and want to give kit building a try, start the New Year off by joining Marvin and myself in the building & flying fun.

Sincerely,

Walt  
[rcflyer1983@gmail.com](mailto:rcflyer1983@gmail.com)

Marvin  
[ltcsanders@q.com](mailto:ltcsanders@q.com)



Web Pic - A Great Planes Ultra Sport 60







# stefanv.com

Electronics, Model Planes, Aviation, Calculators, Slide Rules, Pens, Watches ...

## Hello MHRCC Members - Four Pages of Electric R/C Aircraft Information

I've been building and flying electric R/C model airplanes since 1994, starting with an electric conversion of a Goldberg *Gentle Lady* sailplane. As an inveterate tinkerer, I've designed and built a lot of my own support equipment, such as electronic speed controls and NiCd chargers, much of which is documented here. From 1997 to 2004, I wrote for *Quiet Flyer* magazine, and many of those articles are found below too. I'm also the author of [MotoCalc](#), the popular program for choosing and optimizing electric model airplane power systems. Stefan V.

### Motors, Gearboxes, and Propellers

- [Demystifying Gearing and Gearboxes](#)
- [Motor Math](#)
- [Propeller Basics](#)

### Batteries, Speed Controls, and Connectors

- [An Electronic Speed Control Primer](#)
- [Electric Flight Power Connectors](#)
- [Electric Flight Wiring](#)
- [NiCd and NiMH Battery Care](#)
- [On Fuses in Electric Flight](#)
- [The Battery Eliminator Circuit](#)
- [To BEC or Not To BEC](#)
- [Using Sanyo 1100AAU Cells for Speed](#)

### Hello Mile HI RC Members

I came across some good "How To" web sites while looking for information on how to convert from glow to electric power. I have an old 40 size P-51 glow powered airplane in my basement that has been idle for 15 years or so. With the dust now removed, the plane still looks to be in great shape. I will have to go through it and check it out for air worthlessness. If all looks good, it might be fun to convert it to electric, plus get it back in the air once again. I don't know "beans" about converting but I will check out a few of the attached web sites and maybe give this a try. I have a brand new E-flite .46 and an E-flite 60amp ESC on hand. I'll find out if they will be a good choice for a 50" WS P-51 conversion project like mine.

Maybe you too would also have an interest in giving conversion a try. If I proceed with mine, I will add info and pics in a future club newsletter for your review. If you convert yours before mine, give me a yell to let me know how your project went. Thanks.

Walt  
MHRCC Newsletter Editor  
[rcflyer1983@gmail.com](mailto:rcflyer1983@gmail.com)



## Design and Construction

- [\*Always Ready to Fly\*](#)
- [\*ARF Upgrades\*](#)
- [\*Building and Installing Skis on Your R/C Plane\*](#)
- [\*Conversion from Glow to Electric\*](#)
- [\*Electric Aircraft Battery Mounting Methods\*](#)
- [\*Model Airplane Electric Motor Mounting Methods\*](#)
- [\*Scale Electric Airplane Design\*](#)

## Electrical Techniques and Theory

- [\*Electric Flight Terminology\*](#)
- [\*Electromagnetic Interference Reduction\*](#)
- [\*How Electric Motors Work\*](#)
- [\*Let's Do the Twist\*](#)
- [\*Measuring Up\*](#)
- [\*More Electric Flight Terms\*](#)

## Flying and Field Equipment

- [\*Aviator Sunglasses\*](#)
- [\*Caring for Your Lead-Acid Field Battery\*](#)
- [\*E-Flying at High Elevations\*](#)
- [\*What to Put in Your Field Box\*](#)
- [\*Winter Electric Flight\*](#)



## Electronic Projects

- [\*BattMan II: Computer Controlled Battery Manager\*](#)
- [\*High Speed NiCd Charger for Electric R/C\*](#)
- [\*Low Cost Thermal Peak Detection NiCd Charger\*](#)
- [\*Miniature High-Rate Speed Control with Battery Eliminator Circuit \(BEC\)\*](#)
- [\*Miniature High-Rate Speed Control with Brake\*](#)
- [\*Versatile Miniature High-Rate ESC with BEC and Brake\*](#)
- [\*Analog Bar Graph Expanded Scale Voltmeter\*](#)
- [\*LED Bargraph Optical Tachometer\*](#)
- [\*On/Off Motor Controller with Brake\*](#)
- [\*Getting the Most from Your Radio Control System\*](#)

## R/C Aerial Photography

- [\*A Collection of Aerial Photographs\*](#)
- [\*Summer Aerial Photos of Our Farm\*](#)
- [\*Winter Aerial Photos of Our Farm\*](#)

## Miscellaneous Electric R/C

- [\*A Look at Slowflyers and Parkflyers\*](#)
- [\*My Fleet in the Spring of 1998\*](#)
- [\*My R/C Airplanes Before 1998\*](#)



## ***MotoCalc 8: The World's Best Electric Flight Calculator!***

<http://www.motocalc.com>

## **CHOOSING A MOTOR, SPEED CONTROL & BATTERY PACK TAKING OUT THE MYSTERY**

## ***Conversion from Glow to Electric***

<http://www.stefanv.com/rcstuff/qf200303.html>

Everything you need to know to build and fly your planes

**RC AIRPLANES**  
SIMPLIFIED



## **RC Electric Motors**

<http://www.rc-airplanes-simplified.com/rc-electric-motors.html>



Tis the season guys.



*Wishing All of You and Your Family a Merry Christmas and  
A Happy Holiday Season!  
I Also Wish you a Healthy, Happy and Fun New Year*

*Walt*