



**Palomar R/C Flyers, Inc.**

# **Transmitter**



**April 2021**

AMA Charter 141



Hello everyone,

It was really nice seeing everyone who could make it to the club meeting. We have some really fun events planned for the coming year. We will be raffling off another plane at the next meeting at the field. All members who can be at the club meeting will get a raffle ticket. If you see Hal Meeker at the field, please thank him for the work he has been doing (mowing, trimming and spraying for weeds). The field looks wonderful.

We have seen an influx of a few new members and many people are buying new planes. The board would like to remind all members that along with your identifying information being placed somewhere in your plane, you are required to display your FAA registration number on the exterior of all models. Please remember to check the FAA's Drone Registration site, [www.faadroneregister.com](http://www.faadroneregister.com), and confirm you are current or renew your registration.

The Remote ID issue has been postponed until 2023. The issue of FAA knowledge test for RC pilots is still in limbo as of this letter. We should know more in the next month, because the system is slated to start June 1, 2021.

Board member, Chris Wilson, will be taking the lead on a committee to actively explore new field options. We encourage all members with ideas, contacts or leads to relay the information to Chris Wilson. The most promising lead may be to obtain a location in the huge public park planned for the area west of the 15, and on the south side of the 76. That planning stage has not yet begun.

I look forward to seeing and meeting everyone at sometime at the field,

Have fun flying!

Chris Thompson  
President.

## Helpful information:

There have been some concerns at the field reference radio interference, “brown-outs” and receiver reliability? The majority of our pilots use Spektrum systems, both designed and pre-programmed for a specific plane and user programmed systems. I have found that the majority of receiver issues have been user error.

If you have an older non-programmable receiver that comes with a plane, you are limited in the ability to transfer that receiver to another plane. If the plane is a 2lb foam tail dragger, don't put it in a built-up 5lb tricycle gear plane. You may have control issues because the receiver is pre-programmed for a different aircraft configuration. Spektrum says to bind your receivers at least twice. When I am setting up a plane, I bind the receiver, set up all my throws and dual rates, and then re-bind it.

When you set up your Spektrum receivers, don't forget there are two types of “Failsafe”. This is what the receiver does in the event you do have a “brown-out” or temporary loss of signal. 1) The plane will continue with the last inputs from the transmitter. So if you lose signal, and are in a turning dive, the plane will continue in a turning dive until signal is regained. 2) The plane immediately transitions to straight and level flight and the throttle goes to what you bind it at. I use throttle at idle. This way you know immediately if you have a brown-out.

If you think you are experiencing a loss of signal, don't give up. I had a brown out with an Orange receiver. As my plane continued straight and level and slowly descending, un-responsive, I kept moving the sticks until it regained contact, then I landed. That receiver was replaced.

Never mount the receiver or antennas near or on carbon fiber. It can cause signal interruption. If you have a plane with a carbon fiber fuselage, purchase a receiver specifically meant for carbon fiber planes.

If you are running a receiver with antennas, the antennas should be perpendicular to each other. If you are building a larger plane or one that travels large distances, you should consider a receiver with satellite antennas. They will help with radio reception.

The new antenna-less receivers are great for smaller planes. I have a couple of them in smaller planes and even smaller jets (EDFs). If you are placing a receiver in a gas plane, remember to mount it on foam or wrap it in foam. This will help protect the electronics from the vibrations associated with a gas engine.

Most importantly, RANGE TEST your planes. Spektrum advises a range test at about 90'. If you range test your plane at the field, it should be restrained on one of the benches or tied down. Test all of the surfaces and also test it with the motor running. If its a larger plane and or Gas, I was taught to walk in arc range testing it in a circle around the plane.

Most of the newer receivers now have telemetry. Check for holds and fades. Move your antennas if you get a lot of fades and re-range test it.

Don't try to bind your receivers near a lot of steel.

If you are using a receiver that has a programmable gyro built in, program it to a switch. Fly and trim the plane first, then turn on the gyro. If you activate the gyro and it had control issues you can turn it off land and recheck everything. I have met pilots who have used a programmable gyro, and were not familiar with how it worked or how to adjust it.

If you decide to run Orange, Lemon or Admiral (also Lemon), be aware of the following:

- Your electric plane motor may start on its own if you turn off the transmitter with the motor plugged in.
- With Orange, you can have your transmitter set on the wrong plane and still fly. This may cause control issues and cause a crash. Spektrum has a safeguard built in so that can't happen .
- With Admiral/Lemon, we are finding they will loose reception (Brown-out) if the plane rolls out all the way down the runway (to the extreme west end). Several in-flite brown-outs have occurred, with multiple people, at the west end of our flying area and near the approach end of the runway over the jungle.

**Please familiarize yourself with the instructions for setting up your receivers. I have found that YouTube is a great way to learn the procedures. Spektrum has numerous instructional videos.**

**The most important thing to remember is: Prior to flight-Transmitter on first, then plane/receiver turned on or plugged in. Post-flight, Battery/ plane turned off or unplugged before turning off the transmitter.**

**If something isn't operating properly or has to be rebound multiple times. Don't fly it. Re-check your settings, antenna placement and radio set-up. When in doubt, delete the plane from your transmitter and redo the process.**

**If you are running an 8ch or greater receiver, be aware that they may come with one or more satellites. These receivers will not work properly without the satellites plugged in. Consult the instructions.**

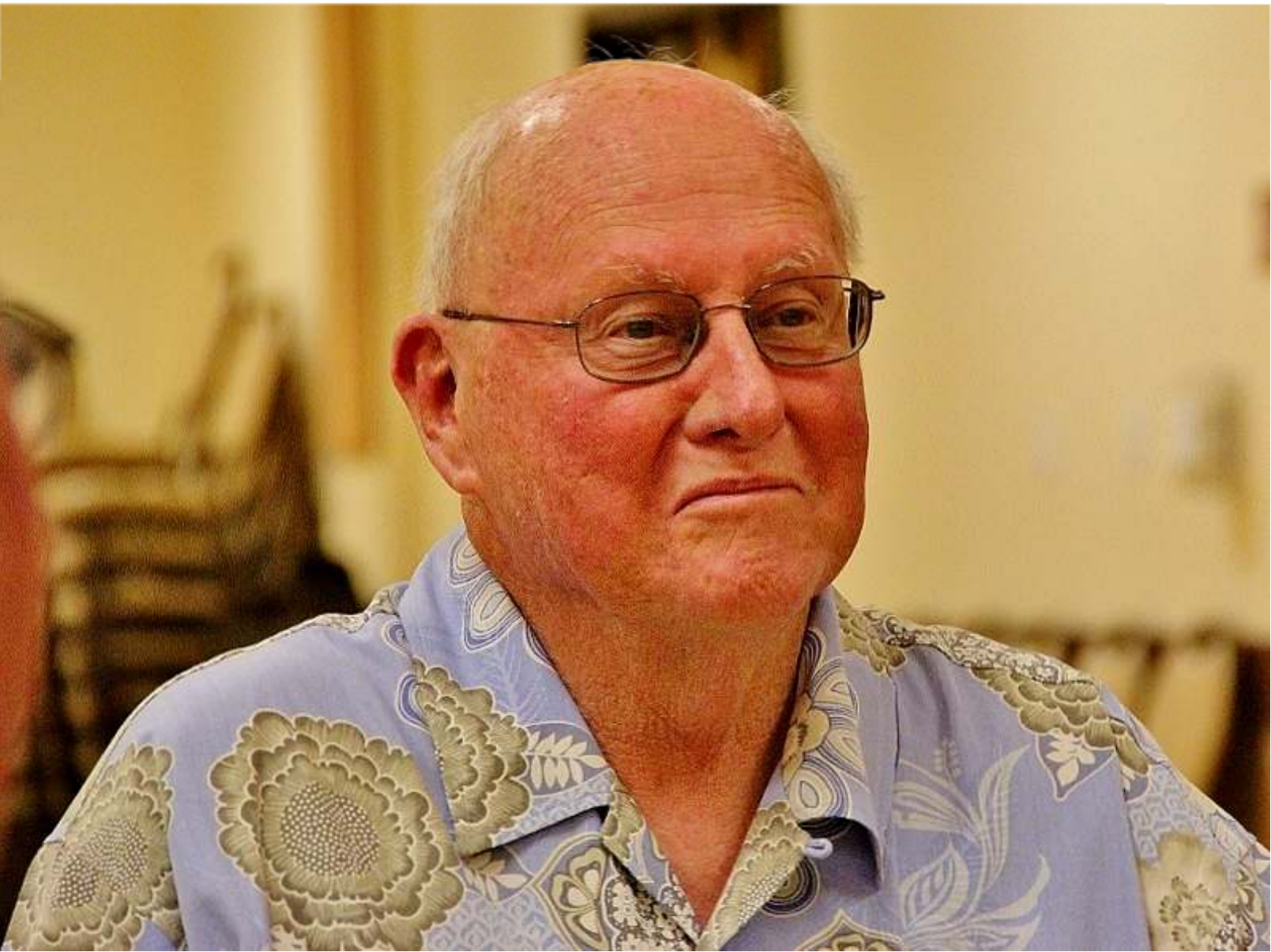
**Double and triple check your control throws. I had a jet that I didn't fly for about a year. I removed the receiver. Later, I decided to fly it again, put in another (different) receiver, rebound it then crashed it! I didn't check the control throws and the ailerons were reversed! If you replace a receiver, reset the plane in your transmitter and redo the process. If you get a plane second hand, don't just think you can download the other persons settings and fly. I have found settings can be different between a 6ch transmitter and a 9ch transmitter.**

**I know I haven't hit on every little possibility. But I hope these tips will help and spur people to learn their systems a little better. We have a huge pool of pilots with a lot of experience setting up planes. I would like to encourage everyone to get to know your fellow members. If you are ready to move up to a more advanced plane, tap those more experienced members. I have found our members are eager to help others.**

**Your flying experience will be much more enjoyable, less expensive and safer when you set up your receivers/transmitters properly. I look forward to seeing everyone at the field.**

**Chris Thompson  
President.**

# IN MEMORIAM



**Denver Bates 1942-2021**

**Joe Villarreal has related the sad news that Denver Bates has passed away. Denver was a Palomar member for more than 12 years and a weekday regular at our field. He also flew with the Fallbrook RC Flyers. He was a member of the Wingmasters many years ago.**

**According to his wife, no services are planned. RIP Denver.**



**Eddy and Jim Gallacher– Jim informed us that his dear wife of over 60 years passed away during the fourth week of March. She had been on hospice care. May Eddy rest in peace. We offer our condolences to you and your family, Jim.**



**Jim brought his refurbished Schweitzer I-26 to our March club meeting.**

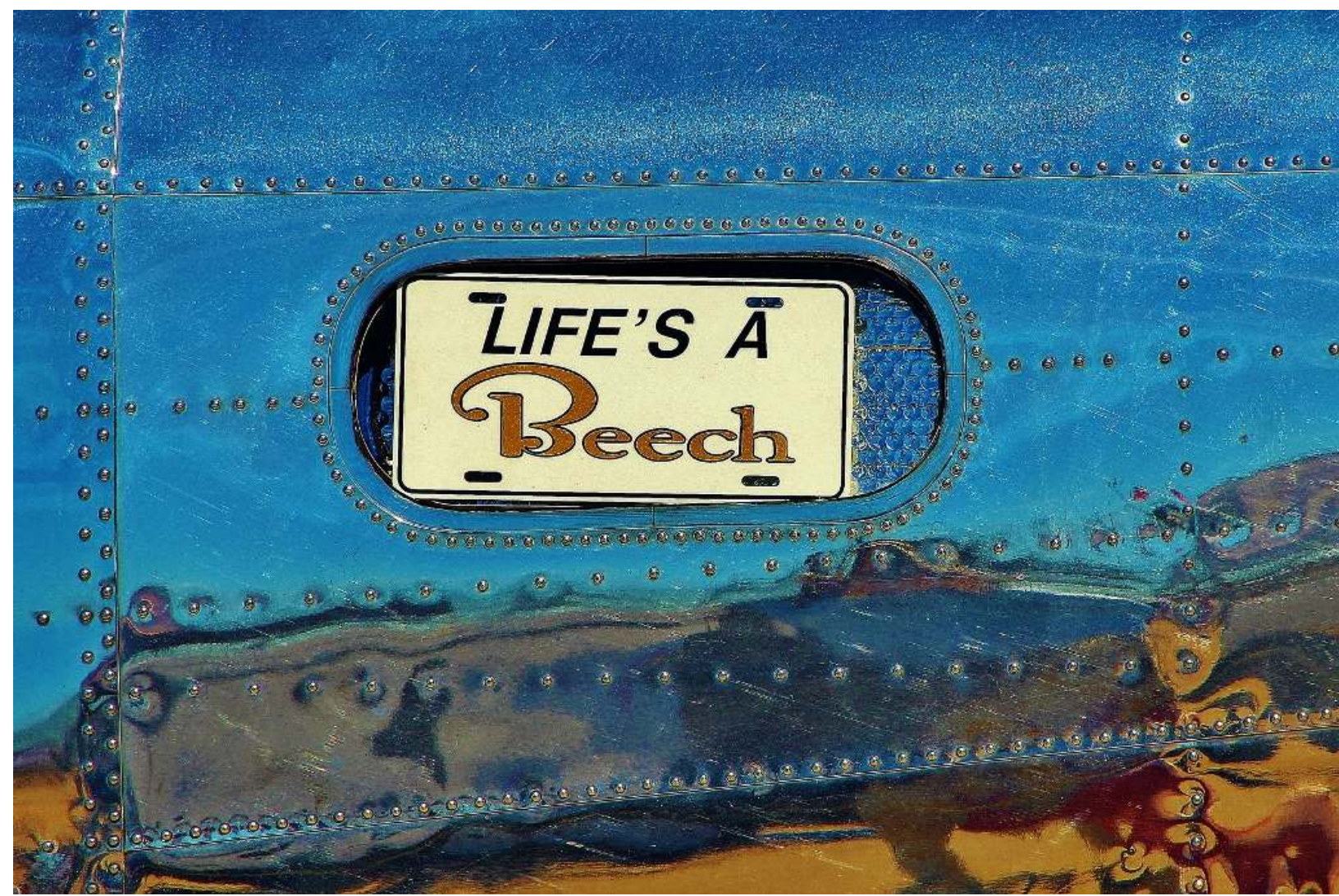


**Dec. 18, 2013 The young Charlie Riley now in the USMC!**



**James D'Eliseo- taken before safety was invented. We miss your presence!**





**This red tailed hawk is missing several right wing feathers. It has flying rights at our field.**







**Patrick Pranica photo taken from his drone at our field about 3 years ago.**

**TRIFECTA** March 7, 2021



**L/R Alex Walsh, Doug Abel, Joe Villarreal, Dave Ellis, Steve Gebler, Tim Hitchcock, Bill Hill, Chuck Riley, Eric Armstrong**

**Scorekeeper-Richard Bell and Karen Bell by his side.**



**Steve Gebler and Joe Villarreal**



**Dave Ellis**



**Dave Ellis and Doug Abel**



**Even Bill Hill flew the Trifecta. This is the first time in a while for him. Good to see ya, Bill.**





**Bill Hill, Tim Hitchcock, Chuck Riley, Joe Villarreal, Eric Armstrong, Steve Gebler, Doug Abel**



**Eric Armstrong, Steve Gebler, Joe Villarreal, Tim Hitchcock, Chuck Riley** (There are only a 13 photos of this Trifecta because it was suddenly changed to another day than posted and your editor had another activity scheduled.)

**We remember  
our dear  
friend,  
Darrell Albert  
RIP**



**Trifecta winners. Tim Hitchcock-first; Chuck Riley-second; Steve Gebler-third.**



**Chris Crump. If you look closely at the bottom photo you'll see Chris' wife and son in silhouette .**



**Jeff Smith**



**Mike Figger**



**Joseph Neenan**



**Gee Bee R-1 @ the San Diego Air and Space Museum— a replica**

**March 2021**

# **Palomar Radio Control Flyers Inc.**

## **Board of Directors Meeting Minutes**

Compiled by: Patrick Pranica, Secretary PRCF

**President: Chris Thompson, Vice President: Joe Villarreal, Treasurer: David Ellis, Secretary: Patrick Pranica. Safety Officer: Jim Christy**

**Board members: Chris Avellino, Chris Wilson, Trent Stadick, Doug Abel, Don Davis, Scott Dedic, Phil Kogan**

**Additional Roles: Chief Flight Instructor: Don Davis, Membership Chairman: Steve Kerrin. Webmaster: Richard Torres**

**Call to order: 7:07 via zoom**

### **Treasurer's Summary for Month of March 2021**

**Total Income: \$1,980.00 All Membership**

**Total Expenses: \$979.77**

**\$665 The usual field maintenance items.**

**\$130 Laser toner cartridge, membership work**

**\$140 Gate cards and keys and locks**

**New Laptop + Storage for publishing the transmitter \$ 892.63**

**Net Income: \$1000.23**

**End of month balance: \$107,142.65**

- **Membership: Currently at 228. We have new gate cards in stock.**
- **Safety: . A member lost control of his plane resulting in a crash outside our boundaries just off the freeway edge. Board members present investigated the incident and determined it to be operator error. The incident did not impact the public.**
- **Drone: Nothing to report**
- **Heli: Still a bit behind but under control for the Heli event. 24-40 pilots anticipated**
- **Glider: First Saturday of the month gatherings to continue and are going well.**

**Flight Training: First meeting went well. Two flights per week proposed. Are looking at doing some advertising. How we track student progress is in work.**

- Senior Center or alternate location for meetings: No renewals yet. Will hold meetings at the field through the summer.
- Board meetings via Zoom: Will continue through the summer.
- FAA rules, testing, RID, compliance: Very lengthy discussion on all the FAA proposed requirements. Waiting on the AMA to sort out the details.
- Runway resurface: Looking at a \$5000 plus cost to repair and resurface the runway.
- Board / club meeting dates:
- 
- March 27th zoom / 27th Field
- April 14th zoom / 24nd Field
- May 12th zoom / 22nd Field
- June 2nd zoom / TBD
- July 14th zoom / 24th Field

Who are going to be the Event Coordinators for the upcoming events?  
 Scheduled Events:

March 14	Trifecta/combat
April 10	Trifecta/ combat
May 8	Trifecta/ combat
June 10-13	Heli Fun Fly
July 3	Warbird /BBQ
August 14	Cubs & Classics
October (?)	3D/Aerobatic meet
November 13	Jet Fun Fly (EDF)

Meeting adjourned: 8:35 PM

**The next 15 photos were taken by our president, Chris Thompson.  
 Thanks muchly.**



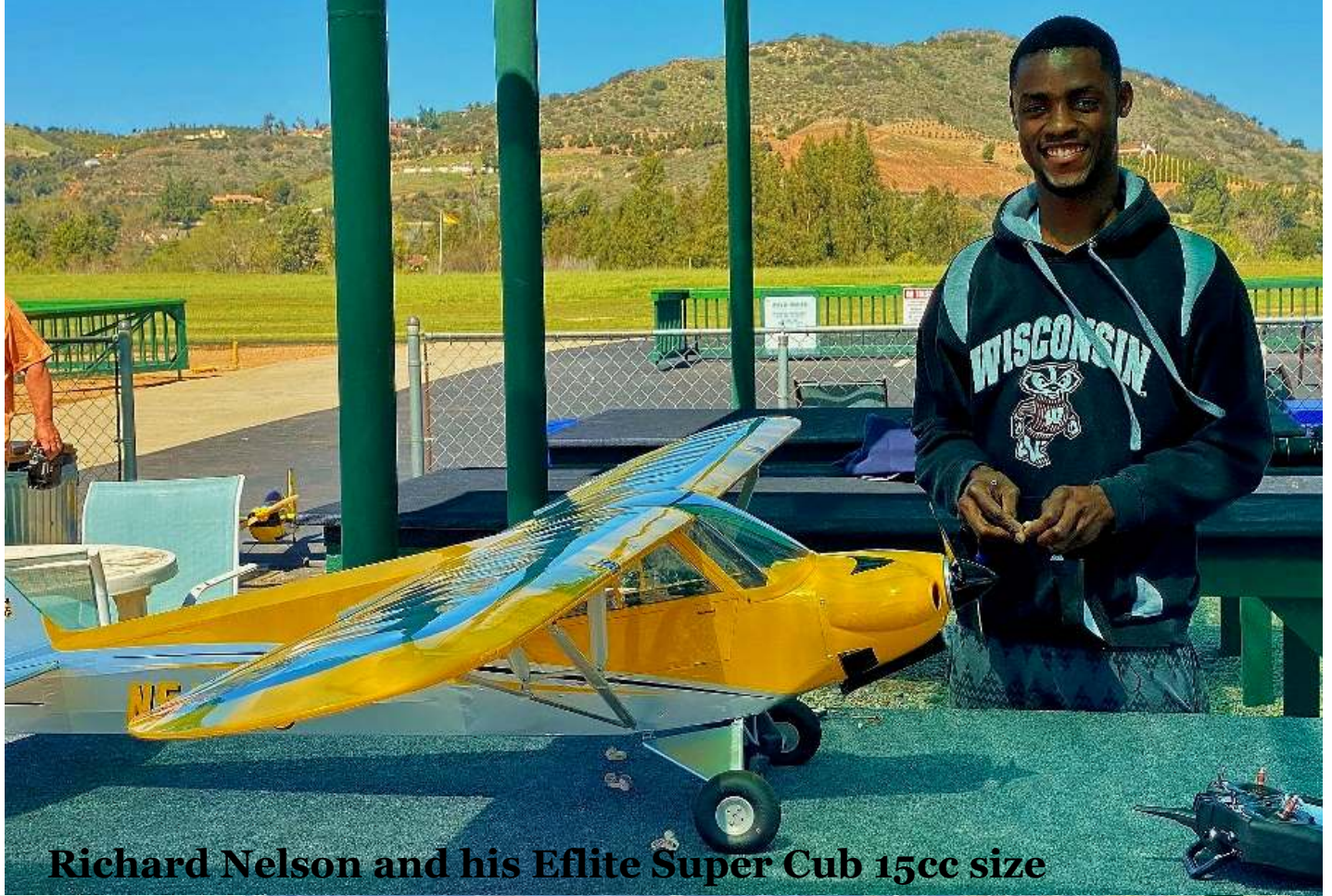
**Tom Pollinger's 90' Top Flite Cessna 182, Electric**



**New member Bill Bendell and his e-Flite Timber**



**E-flite Pacer converted to a Tri-pacer and Multiplex Extra Hal Meeker**



**Richard Nelson and his Eflite Super Cub 15cc size**



**Rick Hilton**





**Joedy Gregory Seagull KA-8 glider**



**Dave Ellis with a new student.**



Lord Creedon

Phil Kogan



Jim Gallacher's maiden with his Sweitzer I-26. He used to own a full-scale painted like this.







Tom Pollinger's airliner





**Before our monthly club meeting at the field on March 27, 2021, here are President Chris Thompson and Chief Instructor Don Davis (sitting).**



**Jim Gallacher won Model of the Month with his 1/4 scale Schweitzer I-26.**



**Kenneth Stough**



**John Petrash**



**Heli Chairman  
and Board Mem-  
ber, Chris Wilson**



**Richard Torres**

**Chuck Riley**



**V.P. Joe Villarreal**



**Eric Armstrong**



**Frank Burke**



**John Cutler**



**John Hartsell, Sr.**





**Mark Olarsch and Richard Bell**



**John Hartsell, Jr.**



**Don White**



**Max Lonneker**



**Safety Officer—Jim Christy**



**Associate Member Mario Mancusi**



**President Chris Thompson conducted our club meeting on March 27th behind his PT-22 made by Ryan in San Diego during WWII. Chris is covering the fuse in aluminum and gave an informative presentation about how this is done. The model is an ARF but Chris stripped it and is finishing it as only Chris can. He is a master at this art, and art it is! Congrats for another fine model!**





**In the upper far right corner stands President Chris Thompson as he conducts our monthly club meeting at the field. Jim Gallacher's I-26 is visible.**



**Chris showed the aluminum he used to cover the fuselage of his PT-22. He polished some panels a bright shiny silver.**



**Richard Torres won the raffle- a Gee-Bee Y as presented to him by our president.**



**Tom Pollinger**

**Patrick Pranca**



**On March 30, 2021, Club Secretary Patrick Pranica came to the field to fly for the first time in over a year! He battled the big “C” and is on the mend! Welcome back, our dear friend. We have missed you! It’s great to have you back!!**



**March 30, 2021 L/R Tim Dougherty, Elise Schneider and Tom Pollinger.**



**This is what happens when a plane noses into the runway from 75 feet up.**

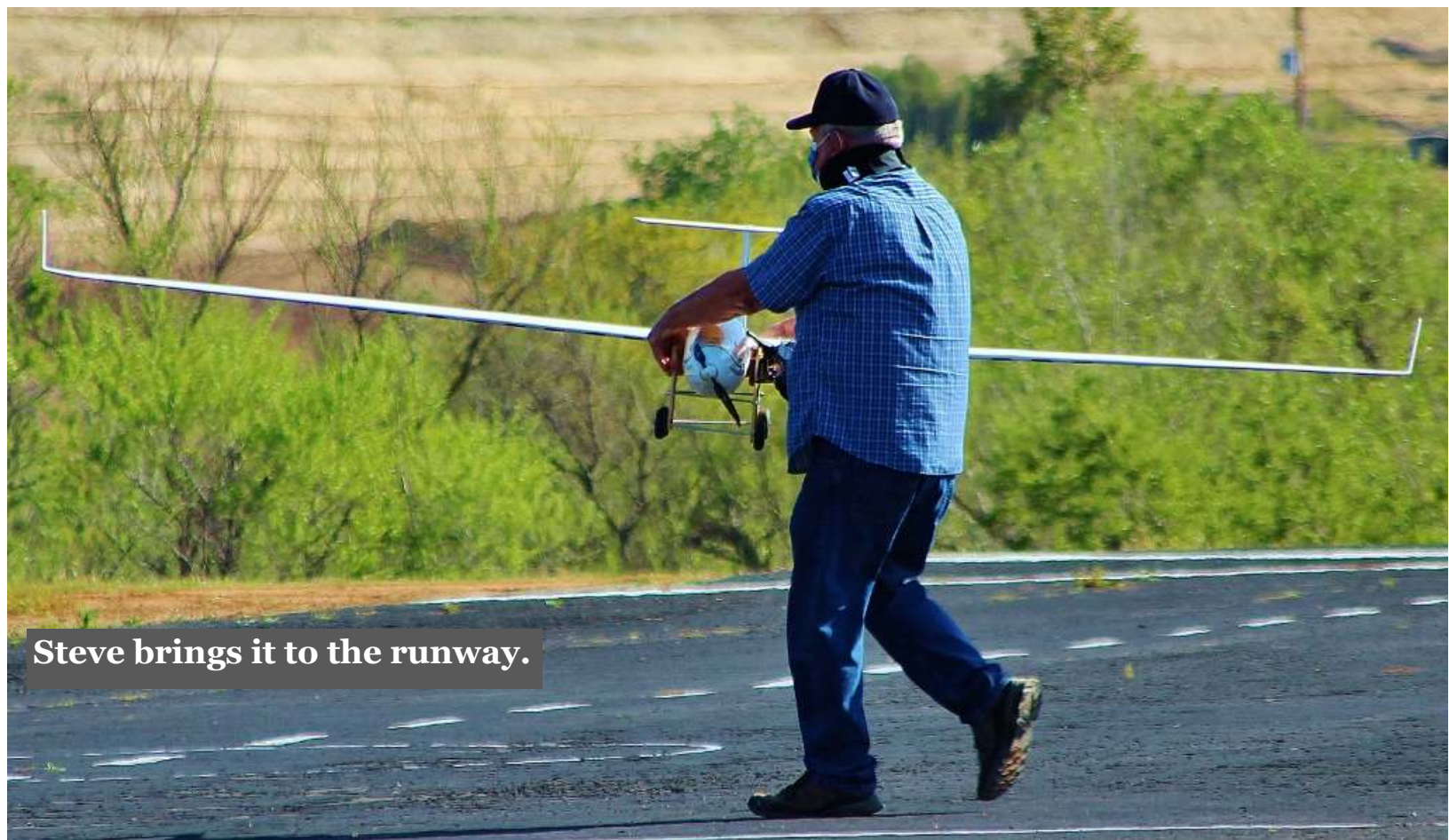


**Steve Kerrin about to fly his ASW-8 on March 30, 2021.**



**Steve's sailplane sits on a dolly which serves as the take-off gear which separates. The plane has its own power so can take off by itself if Steve wants. Or he can hand launch it.**





**Steve brings it to the runway.**



**Moment of take-off**



**Bye-Bye Dolly!**



**Steve, the left side of the door on the bottom of the fuselage is still open. You may want to check it out! Only a photo can tell you this. How cool is that!**



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**If you wish to place an ad in the Transmitter, please contact me, your editor. Ads for club members are free.**



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**TREASURER Dave Ellis 818-383-6574**  
**SECRETARY Patrick Pranica 442-224-0032**  
**SAFETY OFFICER James Christy 951-6773555**

**BD MEMBER Scott Dedic 858-442-0388**  
**BD MEMBER Chris Wilson 760-415-3833**  
**BD MEMBER Don Davis 760-231-1617**  
**BD MEMBER Phil Kogan 617-306-7312**  
**BD MEMBER Doug Abel 858-674-4626**  
**BD MEMBER Chris Avellino 858-245-3342**

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**Newsletter Editor Joe Buko 760-726-8831**  
**Steve Kerrin- Membership chairman 760-807-1141**

**SPECIAL INTEREST GROUPS**

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**HEAD INSTRUCTOR**

**Don Davis 949-697-9727**

**INSTRUCTOR LIST**

**Chuck Riley 951-693-5679**  
**Trent Stadick 657-464-0440**  
**James Gallacher 760-747-7381**  
**Steve Staudenmeir 818-590-5929**

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**2021 Club Officers**



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**Vice President Joe Villarreal**



**Secretary Patrick Pranica**



**Safety Officer James Christy**



**Scott Dedic**

**Board Members**



**Chris Avellino**



**Trent Stadick**



**Doug Abel**



**Chris Wilson**



**Phil Kogan**



**Don Davis**