



Palomar R/C Flyers, Inc.

Transmitter

April 2015



AMA Charter 141

Build & Fly

PRESIDENT'S COLUMN

After recovering from surgery and sitting around not doing much it certainly is nice to be up moving around again and be out flying once in a while!

We had a very nice presentation on filmography using multirotors at our March meeting; thanks Chris for arranging that.

We have some great events coming up for April. First is our Glider Tow/Night Fly/Barbeque on April 11. If you have a glider that needs towing or an electric one, come on out and join us. Even if you don't, come out anyway and join in the fun. The glider towing will begin around 11:00 AM and continue as long as the lift holds out! We'll have a Barbeque after and some night flying when it starts getting dark. If you haven't had a chance to see night flying come out and watch. It's quite amazing how brightly lit these aircraft are!

The following weekend will be a combat event on Saturday, the 18th. Combat events to me are quite amazing in that the action is QUICK and many times there is a lot of carnage!

Bill Hill will be bringing out the CAP squadron on May 2, and with the help of our instructors teaching these young people the joys of model aviation. The really good thing about this also is the instructors teach them good safety habits as well as techniques of flying.

A major event coming up for the club will be the San Diego Heli Fun Fly. This event will be held the weekend of May 22nd, 23rd & 24th. Scott Dedic is the event chairman for that and is reporting he already has sponsors lined up for it. **The field will be closed to general flying for those 3 days.**

SNAKES

Again I urge caution when walking around and be alert; they seem to be coming out.

Thank you to Charles & Melody Micheli for doing snacks for our general meetings!

Fly safely and watch the noise limitations.

Varley Longson, President of the Palomar R/C Flyers, Inc.



Above and Beyond!



James Gallacher took this prize winning photo from his sail plane on March 12, 2015. This is the finest photo ever to appear in the Transmitter! Great going James! Greg Wilson's sailplane is soaring above our field. On the left is Interstate Highway 15 and on the right is the new road that will service Palomar College yet to be built.

The camera that James used for the photo was a MOBIUS Video camera. Cost ~\$70. It takes 1080p high definition video, and has an internal battery that will last about 1hr. It is charged from a USB connection on your computer. The USB connection is also the way to download the video. The data is stored on a Micro SD card which can be up to 32GB.

If you enlarge the photo, you can see the details of the landscape. Directly below the right wing is our famous jungle which we feed regularly. Its trees and bushes love our models. Though you may not be able to see them, there are many planes in those trees. Very well done James! A+

On April 29, 2015, we celebrate 15 years of flying @ Johnson Field! If you look at the inscription in the cement, you'll be able to read it. It is on the right corner of the cement apron next to the chain link fence. A huge thank you goes to the Pappas Family for the use of this great field! Thank you!



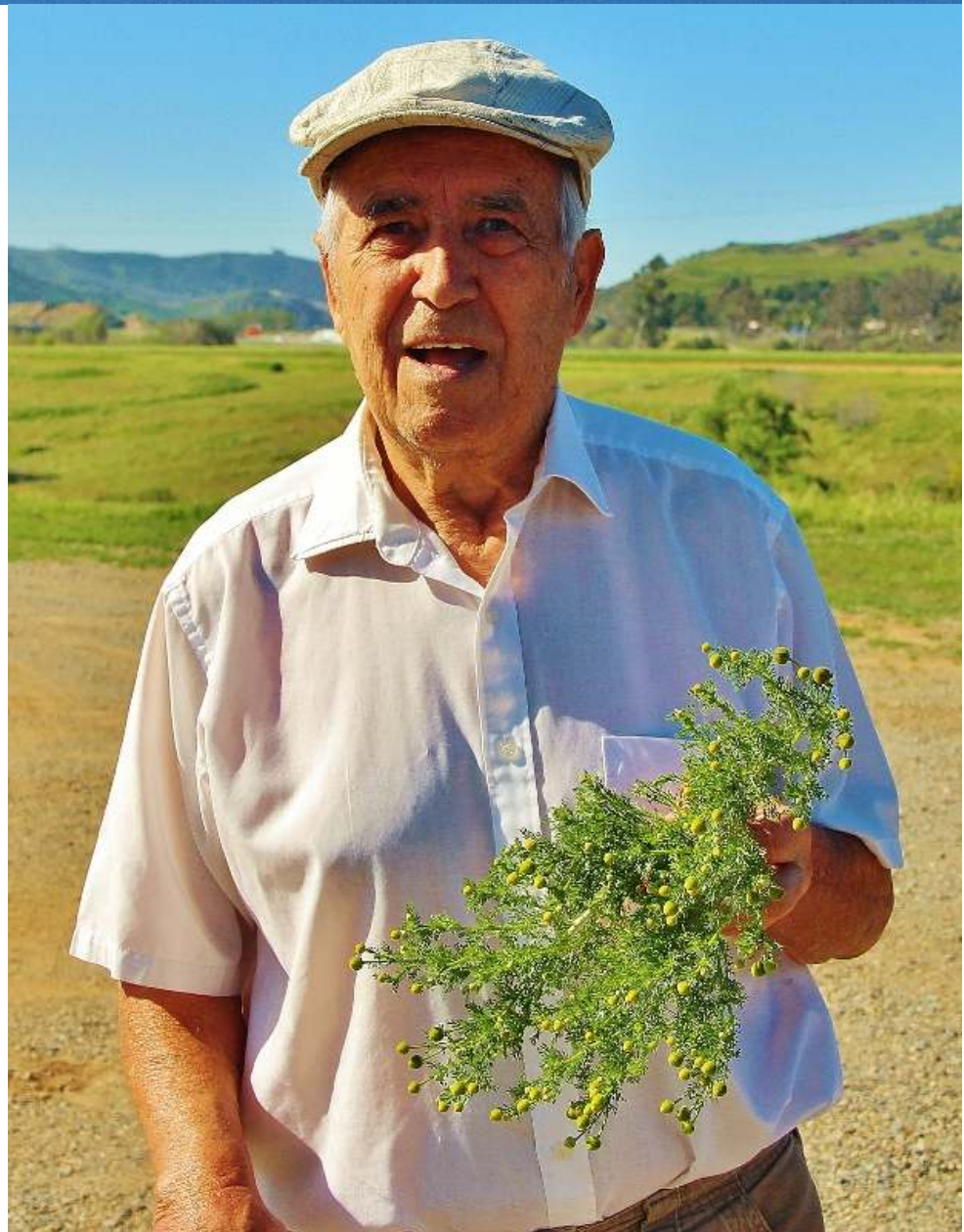
The master sailplaner joyously at play, James Gallacher.

On Tuesday, March 10, 2015, Gary Wilson, Patrick Pratica and Bill Hill flew their foam F-22's in formation. The more they practice, the better they fly.





Heinz Marschhauser is holding a chamomile plant he scrapped off the area next to the runway. He helped to clean the area of weeds and told us that when this plant matures, dry its yellow flowers and boil them in water to make chamomile tea. The men at the field doubted him and said that he should drink the brew first before they might try it. These unbelievers had no faith in Heinz' arboreal knowledge. Oh ye of little faith! Could it be that the three men pictured on the preceding page were among the non-believers? That would be more than a correct guess.





Bob Bauresfeld and his Apprentice had a rough go because when it was in safe mode, it flew on its own into some poison oak which wasn't safe!



Steve Stuart's Yak is really 23% size and Steve flies it well.

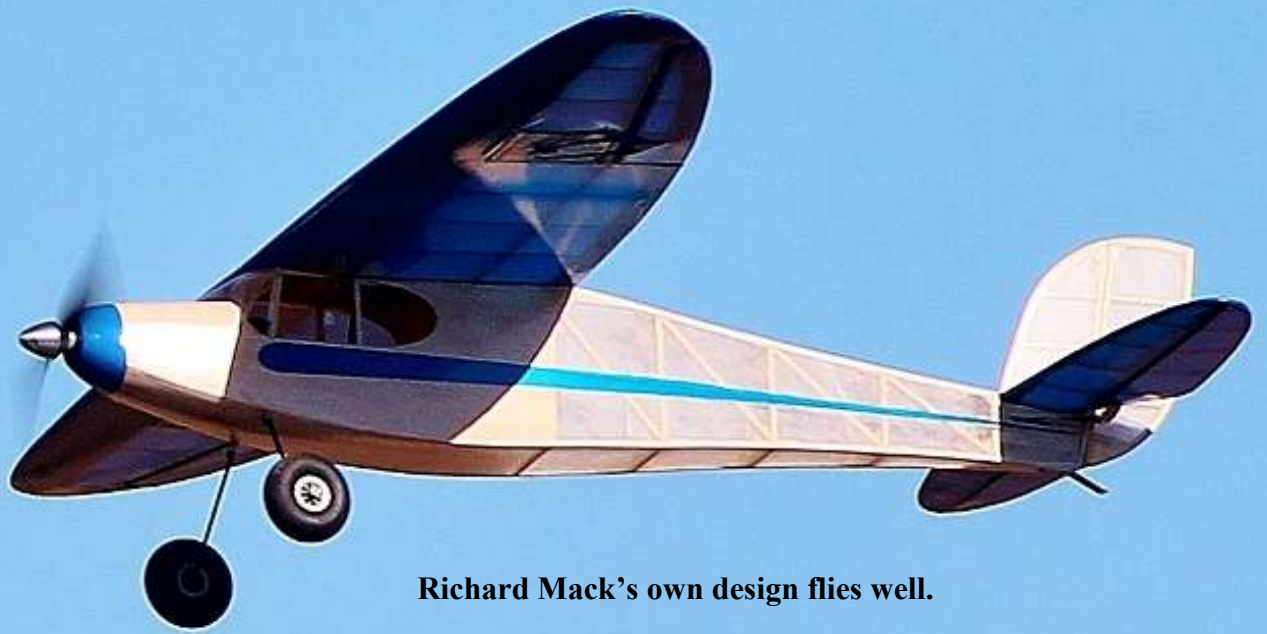




Bruce McAvinew James Gallacher Steve Kerrin (sitting) Sir Lewis Creed (standing) Bob Broughton
They were viewing a video Steve just shot from his plane on March 5, 2015. The temp was 80+ degrees. Winter!



Hugh Greenwald and his friend, Bruce McAvinew. Bruce flies in Oceanside and is considering joining us.



Richard Mack's own design flies well.



Greg Wilson's
"flugzeug flinger"

(German for air-
plane launcher)





Greg Wilson's flying wing roars past.



Bob Broughton



Steve Kerrin



Bill Hill

Patrick Pranic



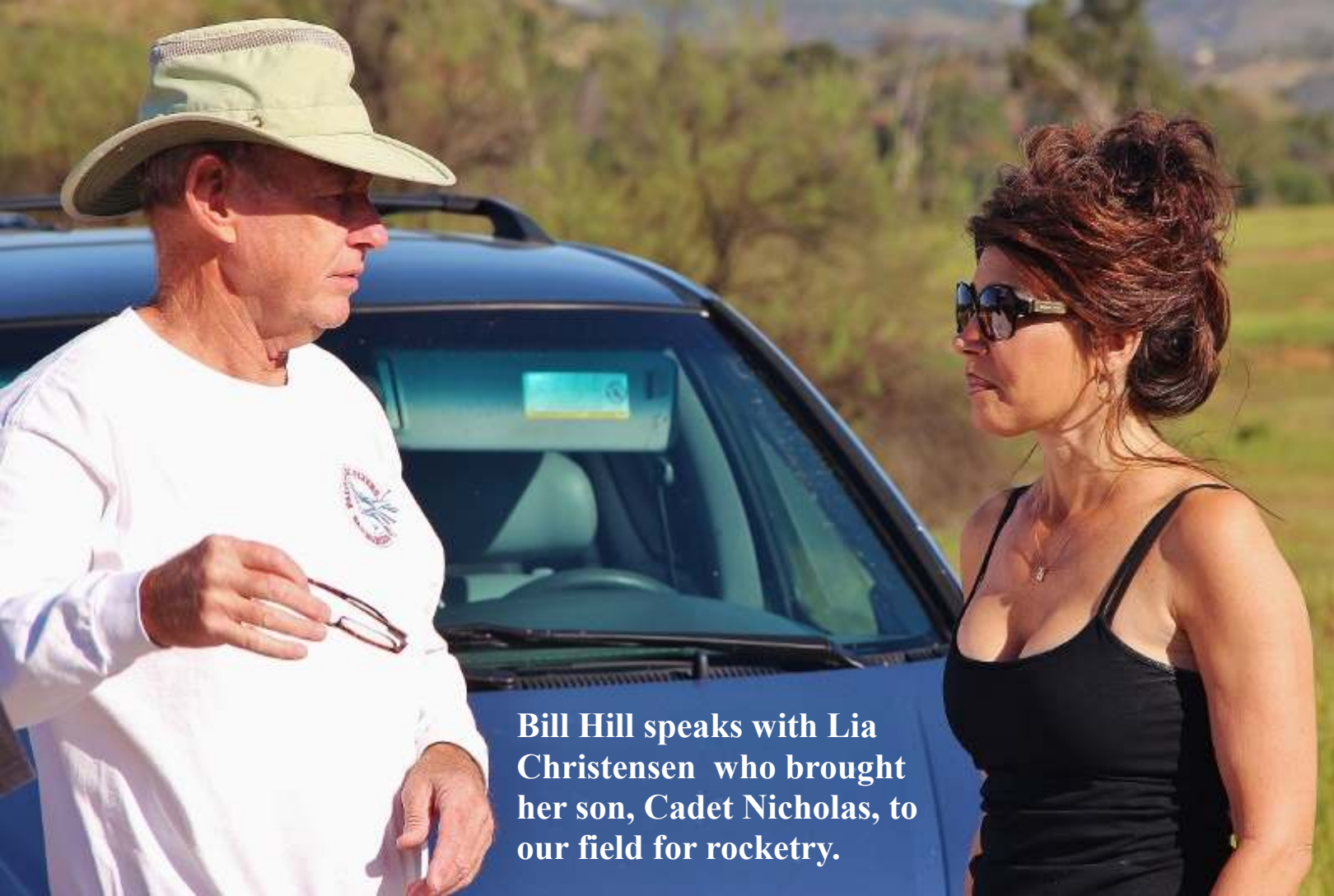
**Patrick's new Talon
slope soarer**



In early March, Harrison Ford was piloting a Ryan PT-22 when his engine flamed-out. He attempted to make it back to Santa Monica Airport, but fell short and crash landed on a golf course and survived. He hit a tree on the way down. His plane looked just like this one owned by the Consolidated Air Force.

On March 14, 2015, cadets from CAP Sq. 714 came to our field to fire their rockets. Cadet Julian Riley fires away and has lift-off.





Bill Hill speaks with Lia Christensen who brought her son, Cadet Nicholas, to our field for rocketry.



Cadet Nicholas Christensen launching his rocket. The rockets blast off so fast that it is difficult to photograph them.



L/R Sonya Rea is next to her husband Bob. They are Commander and Deputy Commander of CAP Sq. 714. Between them is Cadet Abbey Traxler. To Bob's left is Cadet Julian Riley, Cadet Nicholas Christensen, Chaplin Bill Riddle and president emeritus Bill Hill from our club who hosted the Squadron.

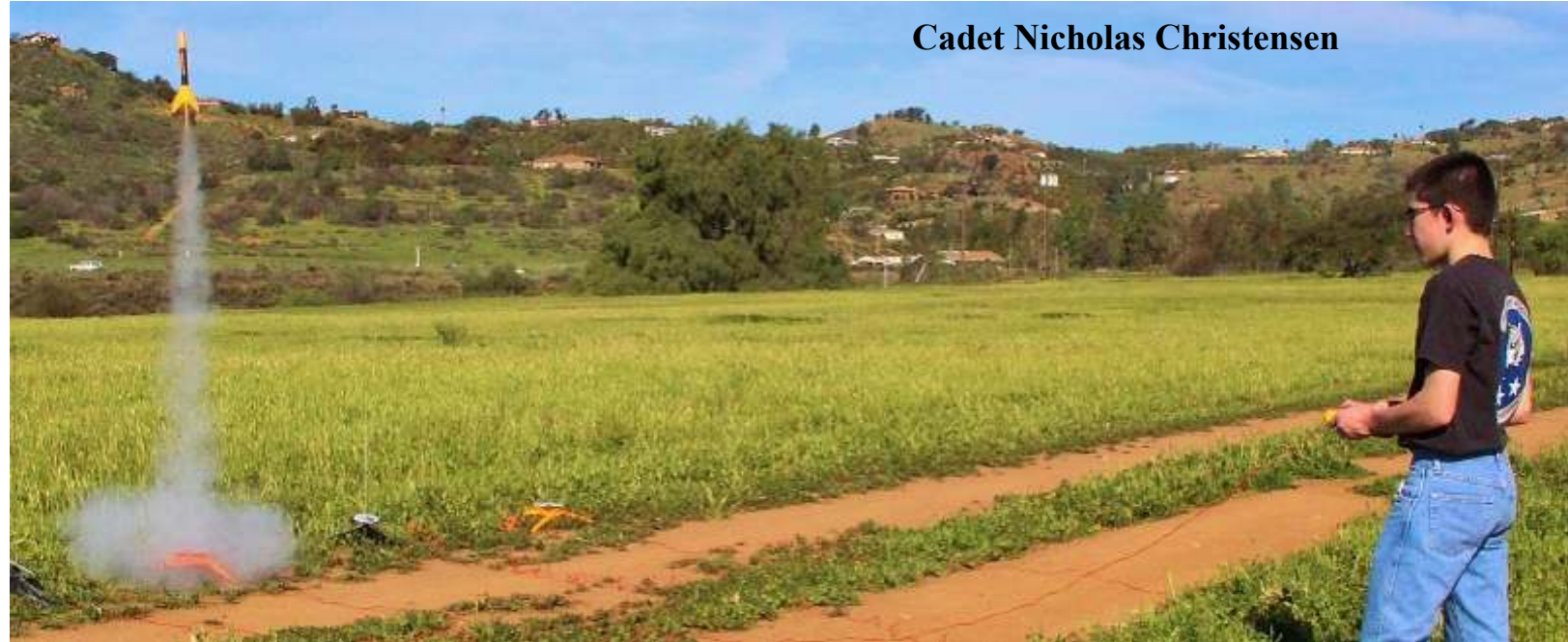


The rockets deploy a chute for a soft landing. Each launch costs about \$4. for the rocket motor which can be used but once.

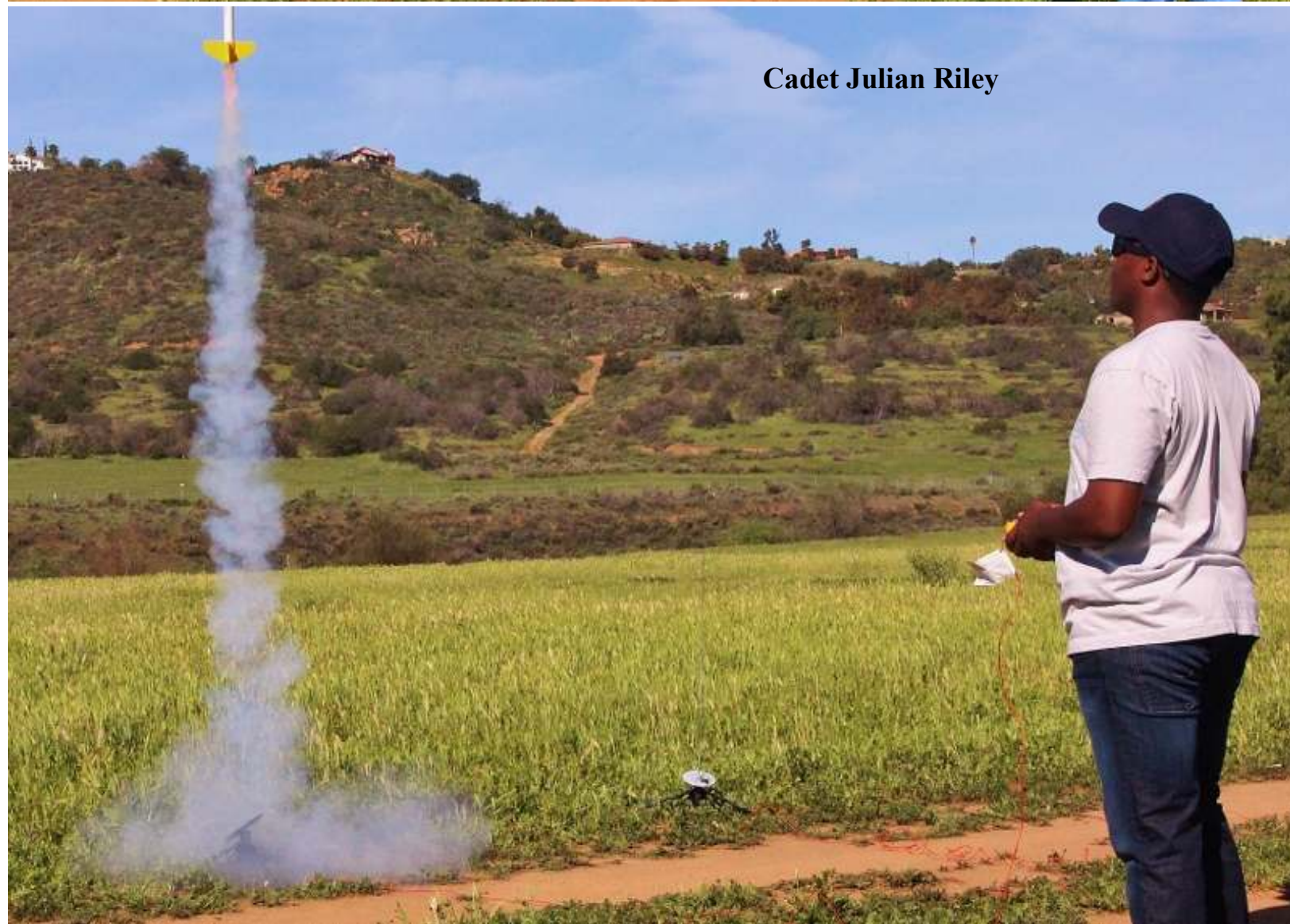


Cadet Abbey prepares her German rocket.

Cadet Nicholas Christensen



Cadet Julian Riley





The Latin says: "Prepared and Faithful".

Bill Hill was the emcee for the CAP. That is a rocket launcher he is holding.





Pancho Castillo's Feb. Model of the Month in all its glory! Looks full-scale, doesn't it?





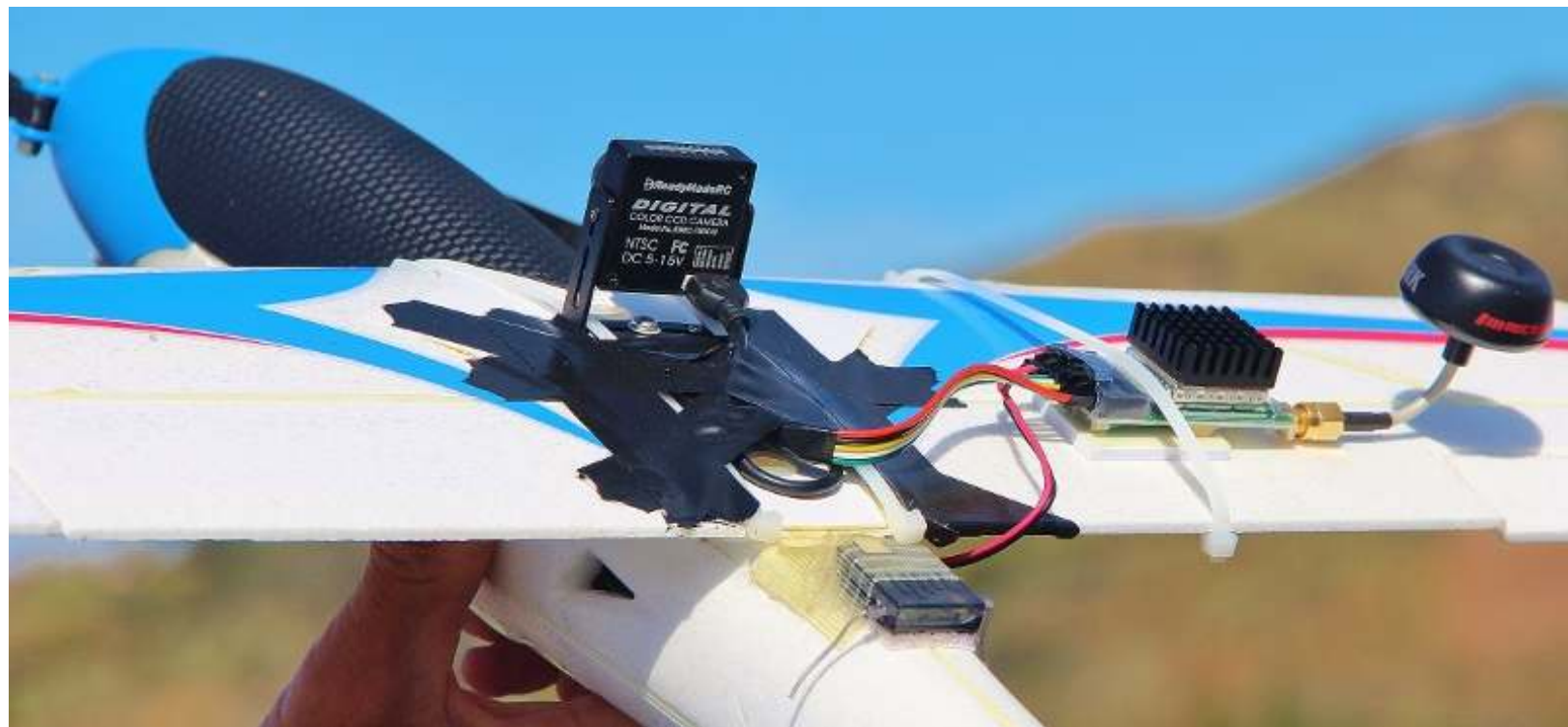
Take a closer look at this photo. You can notice that the gear doors are not closed all the way. The right gear door's threaded rod pulled out of the servo connector and the left side gear door is partly open. On the ground, the left door closed perfectly, but in flight air pressure and g forces prevented it from closing completely. This could only be detected through this photo because the naked eye cannot see the partially open door during flight. Thus, photographing a plane in flight can reveal things that could be surprising.



Club Secretary Chris Avelino sat next to his 3-D plane on a 90+ degree day in winter here in San Diego.



Former member Tim Wesselman has his FPV (first person view) glasses on with which he can fly his plane. The photo below shows the FPV setup.





Palomar RC Flyers
San Marcos, California



SAILPLANE AEROTOW GATHERING APRIL 11th 2015

The *Palomar RC Fliers* club is hosting a gathering of aerotow sailplanes at *Johnson Field* on Saturday April 11th 2015. AMA membership will be required of all participants. *Johnson Field* is located on about 70 acres on the Northeast corner of the intersection of I-15 and State Highway 76. We are about 16 miles North of Escondido on I-15. From I-15, take Highway 76 East towards Pala less than 1/2 mile and turn North on Pankey Rd. Enter the Palomar Flying site through the green gate. The paved runway is 600' long by 50' wide. There is a dirt field adjacent to the runway approximately 600' long by 200+' wide and relatively flat with some grass and weeds, suitable in most areas for belly/emergency landings.

Because of the proximity to I-15 just off the west end of the runway, the tow plane must begin a right turn shortly after liftoff, so the size of the sailplane should be limited to 5 meter wing span or less to keep the weight down so that first turn after takeoff can be made at a safe altitude. Any sailplane 5 meters or less, capable of either aerotow or self-launch will be welcome. No winches or high starts will be allowed. The club will provide spotters to keep the runway clear of tow-planes/sailplanes for landing sailplanes. Club Noise limits require ALL Planes to be below 98dB at 25 feet.

The field is normally open at ~ 8am on Saturdays, registration will begin at ~9am, towing will begin at ~11am and continue until we are tired. We will have a club/visitor barbecue following the flying, at the field. After the barbecue when it gets dark enough we plan to have some night flying with planes suitable for this activity (having sufficient lighting for reasonable visibility). The *Palomar RC Fliers* would appreciate knowing what size/weight sailplane and if you can bring a tow plane and if you will be staying for the barbecue in order to allow us to get enough food.



Notice proximity of I-15 off west end of runway.



Over view of Johnson Field.

Contact Jim Gallacher,

jgallacher@nethere.com



John Hartsell, Sr.



Board Member Joe Vilarreal especially likes to fly this plane at night because it is loaded with LED's.



John Hartsell, Jr. launched Tim Waldon's FPV plane.



Chris Avelino wrings out his 3-D plane.

Wayne Flaherty



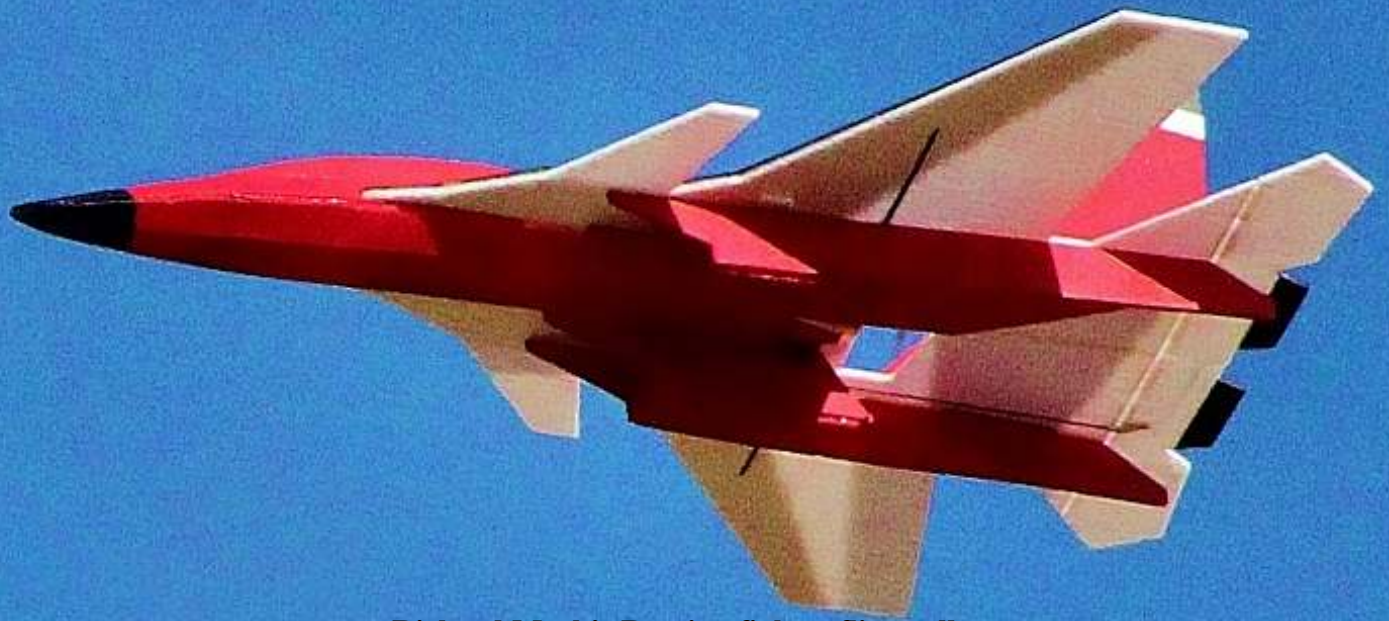
Ellis Chee and Pancho Castillo chat before a flight.



Master pilot James D'Eliseo and Lew Creedon with Lew's latest auto-gyro on March 17, 2015.

Patrick Pranica's Radian.





Richard Mack's Russian fighter flies well .



James D'Eliseo and Senator Tom Johnston

This is what Tom was flying, a Von Richthofen Albatross.



This is what James D'Eliseo was flying.





This hardware store is one of the most complete stores. It's located in San Clemente on North El Camino Real. They stock balsa, K&S tubing, every screw and nut made in both metric and standard, thin aluminum for models etc.



Mike Lonacker and his Mark Smith design sailplane, the Windfree.



ATTENTION CLUB MEMBERS AND GUESTS

**FOR YOUR SAFETY AND THE SAFETY OF OUR
NEIGHBORS:**

PLEASE FOLLOW ALL CLUB RULES ...

- ▶ **ALWAYS WEAR YOUR CLUB CARD**
- ▶ **THE AMA CODE REQUIRES THAT YOUR AMA NUMBER OR YOUR NAME AND ADDRESS MUST ON OR IN YOUR AIRPLANE.**
- ▶ **FLY ONLY DURING POSTED HOURS.**
- ▶ **ALL FLYING AIRCRAFT MUST BE KEPT NORTH OF THE SOUTH EDGE OF THE RUNWAY.**
- ▶ **DO NOT FLY OVER INTERSTATE 15.**
- ▶ **DO NOT FLY BEYOND THE PERIMETER MARKED BY THE ORANGE FLAGS TO INSURE A SAFE DISTANCE FROM I-15 AND OUR NEIGHBORS QUIET ZONE.**

Thanks,

Palomar R.C.Flyers

APRIL 11
AFTERNOON
GLIDER - AEROTOW
BAR BQ
NIGHT FLY

FIELD RULES



**ALCOHOLIC BEVERAGES
ARE NOT ALLOWED**

**PLEASE USE
THE TRASH CANS**

**PUT YOUR CIGARETTE
BUTTS IN THE BUTT CAN**

Thanks,

Palomar R.C.Flyers

Club Meeting Agenda March 19th, 2015

Call to Order: 7:15 p.m.

Welcome visitors and Guest

Bruce and Travis

Steve Blizzard from Aerial MOB

Motion waived of the reading of minutes and accept minutes as published and seconded.

Financial Report: \$ 52,416.23

Club Business

Thank you Joe Villarreal for all your help and getting the container fixed.

Monday Night Training has started: 1 student right now and growing.

Thank you Bill Hill for volunteering and working with the Civil Air Patrol and Model Rocket Launches.

Glider Tow and Night Fly on the 11th of April.

Aero Tow will happen at about 11 a.m. General flying will not be suspended, but please be extremely cautious and obviously gliders have the right of way.

Barbecue in the afternoon followed by a night fly.

April 18th Combat Event

May 2nd CAP Squadron coming out. May need volunteers.

May 22nd – 24th Field will be shut down for the San Diego Heli Fun Fly.

Guest Speakers / Presentations

Steve Blizzard, from Aerial MOB, presented on Aerial Photography and how quad and octo-copters are being used in Hollywood.

Model of the Month and award:

None.

Adjourn: 8:08 p.m.

Chris Avelino Club Secretary

March 19, 2015 Monthly Club Meeting in San Marcos, CA.



Treasurer Sean O'Connor Pres. Varley Longson V.P. Patrick Pranic Secretary Chris Avelino



L/R Clockwise around the table– Board Member Roger Cosio, Steve Stuart, Alan Wolstenholme, Ernie Emery and John Hartsell Sr. (w/ back to camera)

'Heli' Don White and David Bracci





Bruce Teffeau was a member back in the days when Granger and Larry Williams of the Williams Bros. fame era in the 1970's. He has rejoined the club, so a big welcome goes out to him! His son, Travis who is pictured below is going to join the club. Welcome to you both.





Steve Blizzard gave a presentation on the use of quadra-copters for use in industry. He is the pilot of their drones and said they are used by film makers, golfers, farmers among others. One of their drones costs \$110,000! At that price, wouldn't you prefer a full-scale plane?

AS SEEN AT THE FIELD BY ETHEL BURKE



Here is John Hartsell, Sr. with his Astro Hog. It was built from a Sig kit and has many years of flying time on it, and in fact, he has several others of the same because they are good fliers. The original Astro Hog was designed and built in 1957, and it was the first low wing Aerobatic Championship plane of its time. This model has a wingspan of 72 in. and is powered by an OS-91 four-stroke glow engine running a 14 x 6 prop and has tri-gear.



Frank Burke has built and flown this new Waco 1/5 scale biplane from a Pica kit. Got the kit from John Hartsell, Sr., and much thanks to him for the opportunity to build it. The wingspan is 72 in. and it has a 27 oz. wing loading. It is powered by a DLE-55cc rear exhaust gas engine running a 23 x 8 Xoar prop. It weighs 18 ½ lbs.
(Photos courtesy of Clay Hoag)



"Welcome" to our new member, Bob Clark. Bob is flying this new Super Cub. It is a stock electric 3 channel trainer from Hobby Zone.



Graham Lloyd flew a new FT-3D plane from FliteTest that he found on-line @ You Tube. The air frame costs \$36.00 and it is made of foam board covered with paper. He made it in an afternoon. It has an electric motor 130 watts with a 10 x 4.7 prop. The ESC is 18 amps and he is using a battery with 11.1 volts 1300 mAh.



Graham built this 2nd one with the same parts to show how easy & reasonable they are.



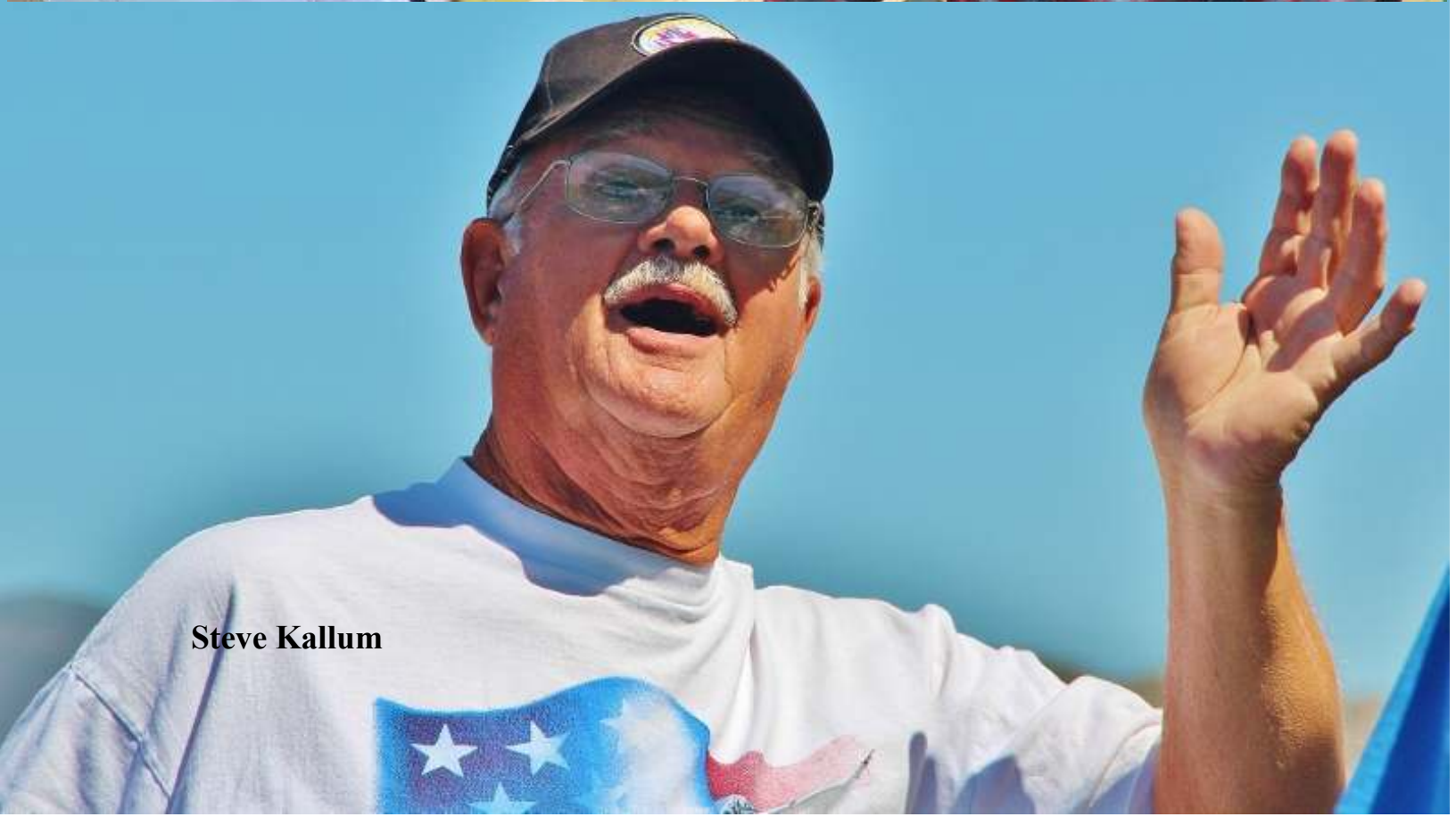
Dave Swaffer made a successful maiden flight with his new Swiss Pilatus PC-21 tri-gear ARF plane from SebArt. It has a 60 in. wingspan with a Hacker A-50 electric motor and a Hacker SB-70 ESC. It has 5S battery and all Savox servos. It is a good flying plane and is available through Chief Aircraft.

Joe Villarreal's
FW-190



Steve Stuart

Steve
Nelson



Steve Kallum



Curtiss Pineau

Steve Kallum

Dennis Newbeck



Tom Minegar the 'tower' (as in towing a plane) and John Cutler the 'towee'.

B-1RD Hawk See next page for text.



B-1RD Hawk

Wingspan.44" (Wing Loading.. About 4-5 oz. per sq. foot)

Weight.1 lb. 2 oz.

Length.....12"

Flight mode.....free flight using thermal activity.

Covering.....very scale looking feathers.

Fuel type used.....red meat

In April 2013 as I was driving home on Valley Center Road, I came across an injured red tail Hawk lying in the center of the road. As I stopped, I could see he was still alive and barely moving, so I gathered him up in a towel and proceeded home. As it was almost dark, I placed the hawk in a dog carrier in my garage and left him there overnight, fully expecting him to be dead in the morning. Well, to my surprise, the next morning the hawk was standing, looking around and moving. Being an amateur Falconer in my younger days I am very familiar with birds of prey and their care, so after checking him out, I could tell he wasn't injured. I think he was probably hit with a glancing blow by a passing car and landed, stunned, but not injured in the road. After feeding and caring for my new friend for a few days, he was strong enough to be back on his own. Releasing him from the tether, I watched him take to the air. Circling once to get his bearings, he flew off to parts unknown as good as new. The red tail Hawk is the one we most commonly see flying over our field catching thermals that make our sail plane and glider flyers jealous. So enjoy these beautiful flyers as they share the air space over our field.

Joe Villarreal

On March 21, 2015, these red tail hawks flew over our field at about 50 feet. Their paint jobs are quite good, and they are employed by our club to help us find thermals for our sailplanes. They seem to fly fairly well. Their tails are a rusty color, which is the mark of a red tailed hawk.



Tom Minegar and John Cutler took time out to watch these free-flyers. Nice to have natural retractors.





These hawks were flying at 50°.







March 21, 2015 There were 24 vehicles at the field and many of the men flew these 3-D machines.



Your editor carries his 1/4 scale Gypsy Moth to the field fully rigged. Below your editor with his 1/5 scale, 11 foot span, ASW-17 made in 1982. It has been flying perfectly since then!





Ron Madison



David Bracci and his Hangar 9 3-D plane on March 21, 2015



Charlie Riley

James D'Eliseo

Wayne Flaherty



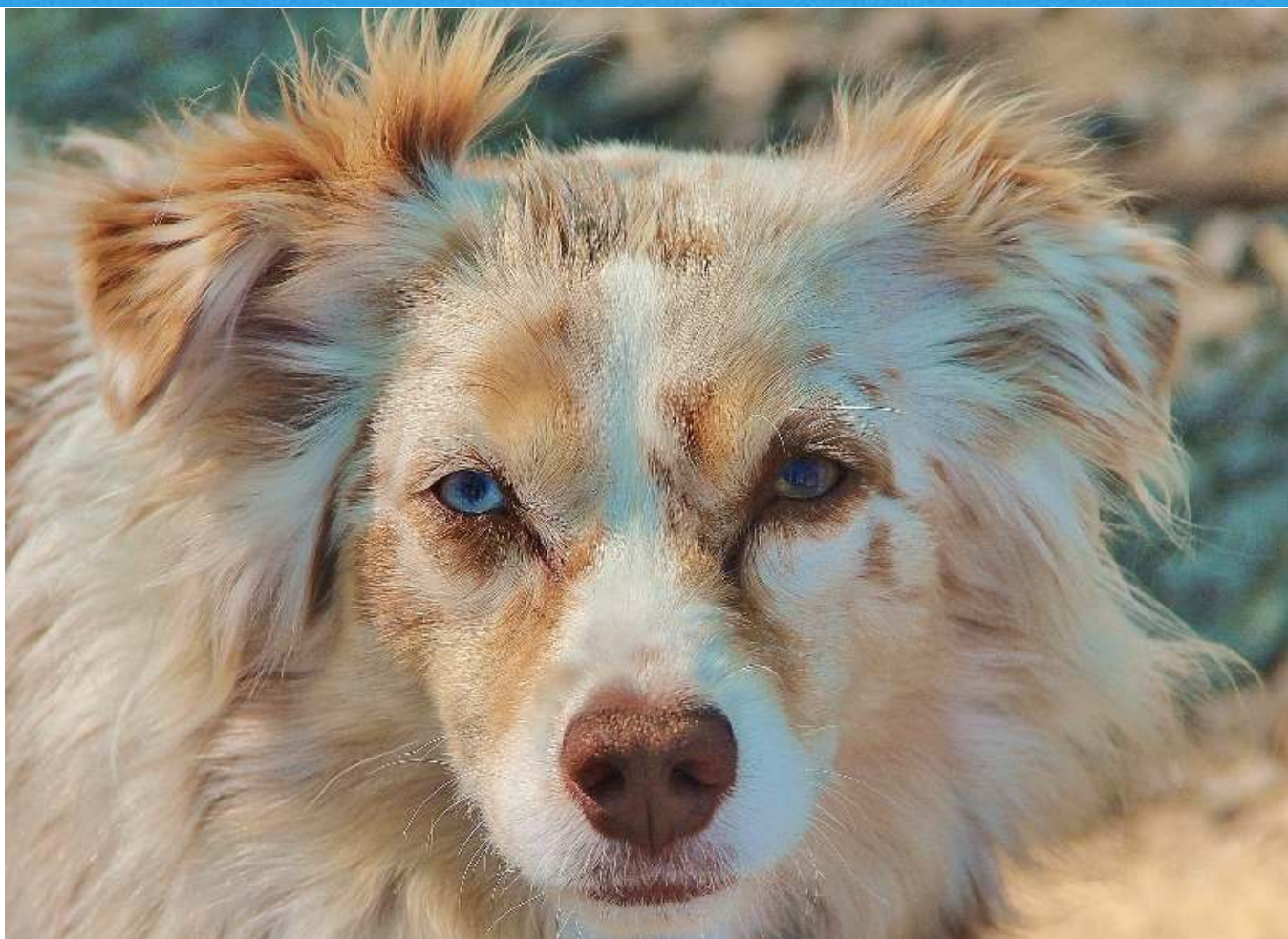
Chalrie Riley in front and James D'Eliseo in back with Chuck Riley



Sunsets in San Diego County can be spectacular as is this one in Vista, CA.

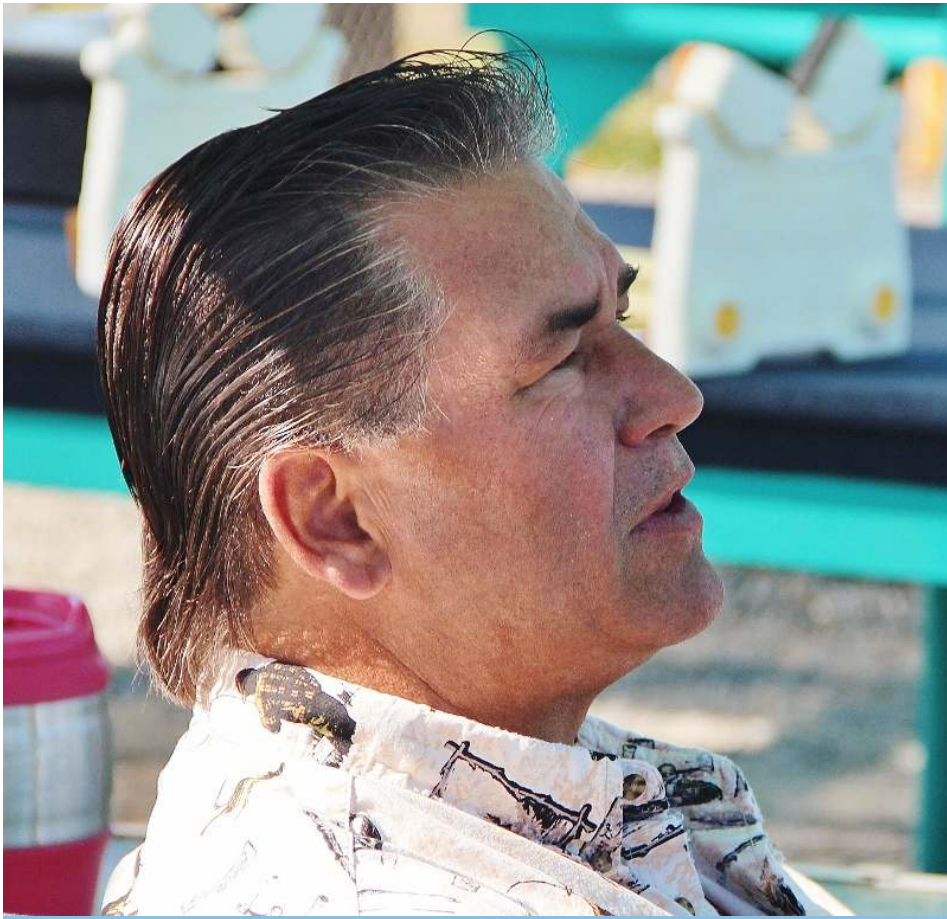


Frank Burke's T-28 on Wednesday, March 25, 2015 (Only 9 months to Christmas!)



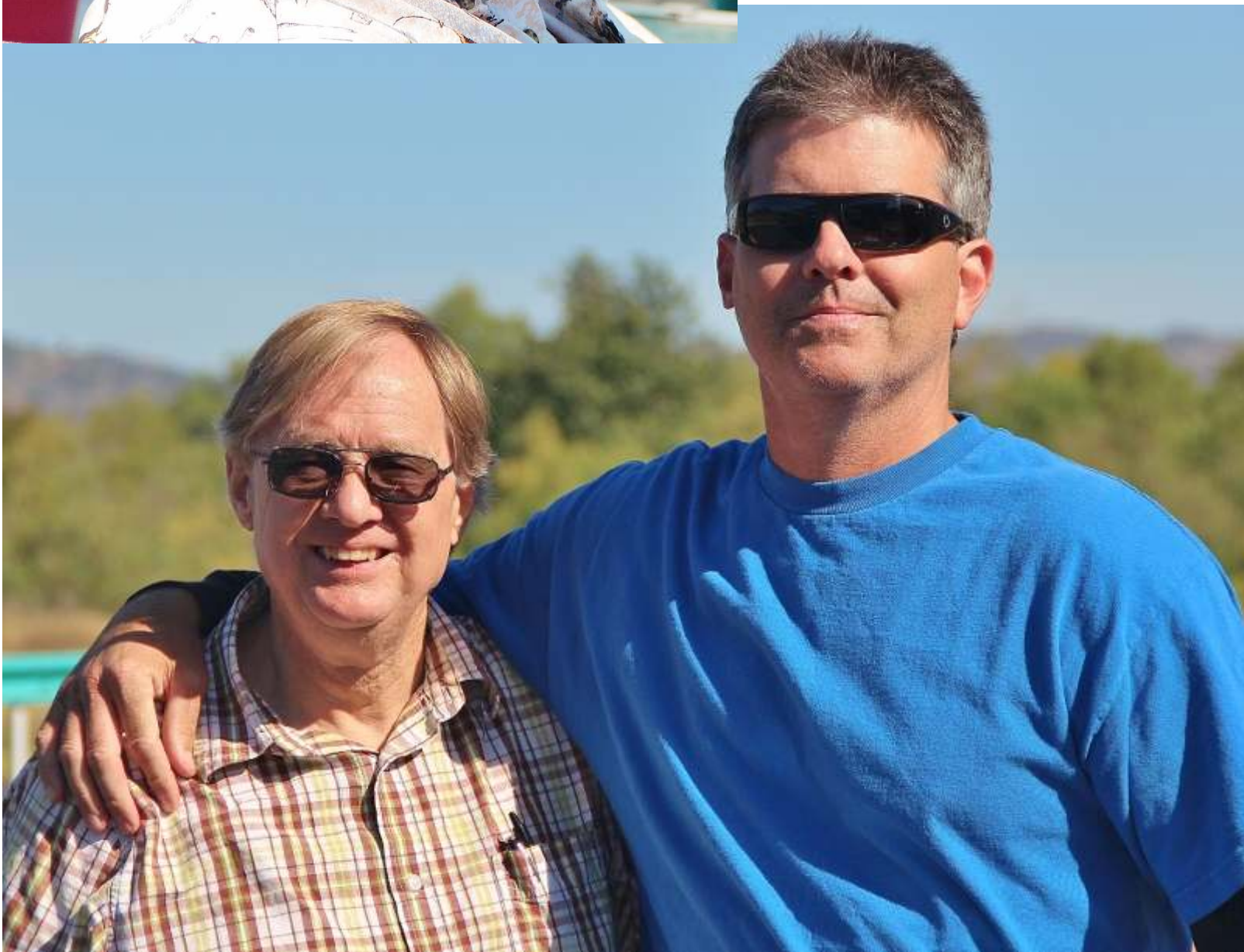
Ethel and Frank Burke's dog, Piper.

Is her last name "Cub"?



Safety Officer, Jim Jensen on March 25, 2015

Below are John Cutler and James D'Eliseo





Alan Wolstenholme on March 25, 2015



Photo # 102, the last one, is of the ever pleasant Clay Hoag

Board Meeting Agenda: March 25th, 2015

Participants: Roger Cosio, Chris Avellino, Varley Longson, Joe Villareal, Chuck Riley, David Drowns, Denver Bates, Sean O'Connor, Patrick Pranica, Jim Jenkins, Scott Dedic

Start time: 7:00 p.m.

End Time: 8:24 p.m.

Treasurer Report: \$52,606

Thanks Joe Villarreal for welding the container door!! Looks great and is very much appreciated.

Electric Charging Station: Board passed to add the station. Need to ensure protocols are in place for fire safety.

Jim, Chris, Roger begin drafting proposal for a new field. Please let us know if you are interested in being part of the team.

April 11th Glider Tow and Night Flight: Open flying available, but right of way obviously goes to the gliders. Will also do a barbecue and night flying event.

April 18th Combat Event

May 22nd – 24th Heli Fun Fly. The field will be closed. Fred will be the CD for the event. Need to ensure we have the restrooms available and ready to go.

Non-Member gave the club a nice WWII balsa model. Going to offer to the club members and then maybe put it on Craig's List.

Discussion on the bi-laws and possibly making changes around suspension policies as the language is out of order.

Discussion on shirts. Shirts with pockets are \$8-\$8.50 with \$50 a screen. Need 6 screens to do a good job to cover front and back logos. Jim will send proof to board and provide pricing on long sleeves as well.

Pilots with gas powered aircraft need to ensure they are bringing a fire extinguisher with them.

Chris Avellino

Club Secretary



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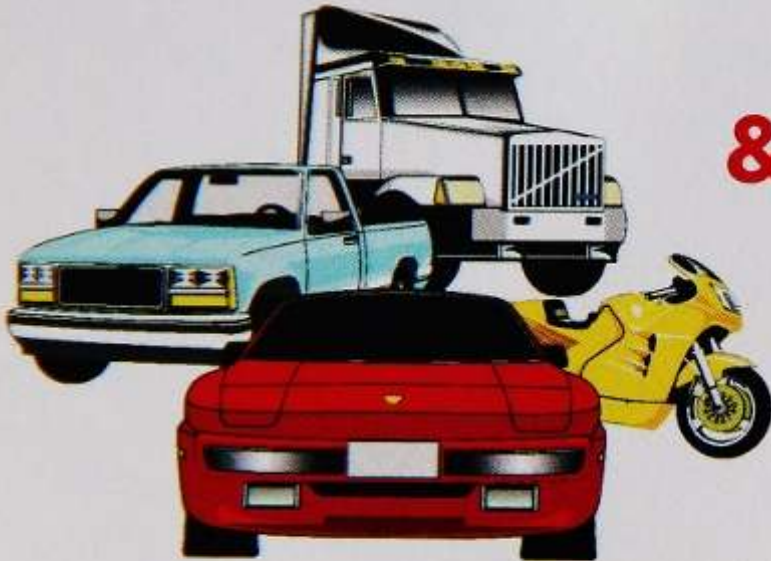
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VICE PRESIDENT Patrick Pranica	442-333-9024
SECRETARY Chris Avellino	858-245-3342
TREASURER Sean O'Connor	858-485-0750
SAFETY OFFICER Jim Jenkins	760-910-4141
BD MEMBER Denver Bates	760-728-2880
BD MEMBER Scott Dedic	858-674-4624
BD MEMBER Chuck Riley	951-693-5679
BD MEMBER Roger D. Cosio	760-724-4926
BD MEMBER Joseph Villarreal	760-749-7029
BD MEMBER David Drowns	760-740-1715

CLUB OPERATIONS

Advertising Bill Hill	760-738-0644
Newsletter Editor Joe Buko	760-726-8831
WebMaster Martynas Kausas	

SPECIAL INTEREST GROUPS

RC Combat Chairman Fred Eivaz	817-714-2379
Helicopter Chairman Scott Dedic	858-674-4624

HEAD INSTRUCTOR

Dennis Newbeck	760-297-1134
-----------------------	---------------------

INSTRUCTOR LIST

Butch Abongan Basic Flight	760-855-2162
David Drowns Basic Flight	760-740-1715
Todd Melton Basic Flight	760-305-8983
Glenn Pohly Basic Flight	858-414-9749
Tim Hitchcock Basic Flight	760-458-8961

Please direct correspondence to:

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E-MAIL: info@palomarrcflyers.org

Catch us on the web at: www.palomarrcflyers.com

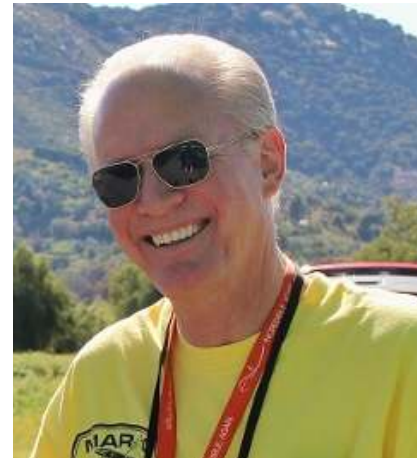
2015 Club Officers



Treasurer Sean O'Connor



President Varley Longson



Vice President Patrick Pranic



Safety Officer Jim Jenkins



Secretary Chris Avellino

Board Members



Sott Dedic



Joseph Villarreal



David Drown



Chuck Riley



Denver Bates



Roger Cosio

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CLUB MEMBER NEWS

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APRIL 2015

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ARF Mustang

- 46 GP/EP D-day Invasion Stripes
- Easy access hatch
- R/E/A/T/F
- Optional retracts

ONLY 199⁹⁹



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