



Palomar R/C Flyers, Inc.

Transmitter

July 2016



AMA Charter 141

PRESIDENT'S COLUMN-Jim Jenkins

WHAT A MONTH!!!

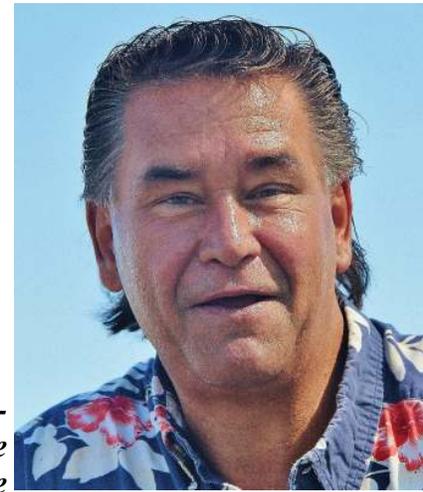
***By
Jim Jenkins***

What an incredible month, warm weather, winds, pollen, fun events, and great camaraderie. To start off the weather has been tremendous which has opened the door for some great flying as well as events. The club held it's 2nd General Membership meeting at the field which included the first PRCF Summer Kick-Off Auction. We had some tremendous RC equipment, planes, helicopters, motors, engines, and of course awesome BBQ that was conducted by our own Galloping Gourmet Joe & Barbara Villarreal, Steve Kerrin, Ron Schuyler, and numerous others who stepped up to make this event so successful. In addition, this process was so much easier with a bidding/selling documentation process that Steve Kerrin and I had come with to make this process much easier. I would also like to thank Chuck Riley with giving me a hand going through so many auction items for this process, Great Job Chuck!! From this event we had made \$887.00 which did not include the proceeds from the BBQ. I think this event is a keeper for future events and was certainly a lot of fun. The contributors were many, Mike Jensen, Roger Cosio, James D'Aliseo, Curt from "Wild Things Hobby's", GLS, Chuck & Charlie Riley, etc.. just so many people to thank.

An additional event that took place was our Combat Over Midway event and our first Electric Combat event as well. The turnout was pretty good, there were a number of new Electric Combat flyers that brought numerous style of aircraft out from Delta's, Assassins, Flite Test Pizza Box Coro types, Foamie Spades, an Apprentice that came apart, also including a cub style foamie equipped with FPV that took an incredible nose dive into the jungle. Upon completion of the E-Combat, the normal combat flyers took to the air and just tore up the skies as usual. There was some great competition as well as cut throat flying. One of our new pilots that appeared and flew with his dad was young Keith Albert and his Dad Doug. Keith has somewhat issued a challenge to take Tim Hitchcock off of the pedestal as well as Big "NO SHOW" Melton. Anyway, Keith flew pretty darn good and was keeping up with the best of them until he experienced a slight mid-air and then his plane went into the jungle. Hang in there Keith, you did great!! With all of this said, I hope to see more continued involvement by all as well as participation at our club meetings.

This month's July General Membership meeting should be a good one. Our guest speaker will be Steve Kerrin who will be talking and showing some great things regarding a Blimp/Dirigible project that he was involved in that I think will wow everyone. So please do not miss out and I look forward to seeing everyone there. Take care for now.

Jim Jenkins, President of the Palomar R/C Flyers, Inc.



A note from the editor:

The June Transmitter was the largest ever. The July issue will be the smallest. Reason? I was out of town for a 10 days, plus I had family matters that needed my carpentry skills during June. Hence, time dictates what I was able to accomplish. The August issue will be back to its usual excessive length.

Joe Buko— editor

On July 4, 2016, we will have our annual Club Picnic, compliments of the Palomar R/C Flyers. On that day, we will celebrate our Club birthday. *We will be 61 years old!* That's an accomplishment since we're strong and have a great membership.



Brian Otto with a real, live baby dinosaur on June 4, 2016. The thing was so tame that it looked almost fake.

One can plainly see the intelligence of this bird with the hat and glasses.



The good news got even better. Don Wadlington, our former club secretary, will return to regular flight status on August 2, 2016. We will celebrate his return to the land of the living with confetti and a party to welcome back the retired trucker. Don, we look forward to seeing you at the field. The party is a pot luck thing so bring whatever you'd like to help celebrate!

I need to convey to all members the importance as well as the responsibilities of each and every member of this club to ensure that we keep our field as well as equipment secured at all times. Who ever is the last person to leave the flying field is responsible for making sure that all cabinets, i.e., Charging Station, First-Aid , Container, etc. as well as the main gate are “LOCKED AND SECURED”. This morning James happen to get out there early to do some flying and found the Charging Station completely left open and un-attended. The club has spent monies as well as man-hours to design, install, and make available for all to use as a convenience and would certainly hate to see it destroyed and no longer be available. Please understand that this is each and everyones responsibility to secure the field as well as all equipment and property. I thank you for your understanding and hopefully we will not discover this again.

Thank you.

Jim Jenkins, President of the Palomar R/C Flyers.



Dave Swaffer maidenied his fantasy plane on June 2, 2016 and it appeared to be tail heavy. We all were certain it was going to crash because of it's erratic flight but Dave was able to get it to land safely only due to superior piloting. The plane is a beauty which is evident from the following photos.





A good lookin' shoe!



Patrick Pranica and his beautiful E-Flite T-28 on June 4, 2016





It surely looks full-scale.



June 4th was rocket day for the CAP at our field.

Glenn Pohly led the day– June 4, 2016



Glenn Pohly



Meanwhile, Scott Dedic flew his heli during the rocket event.

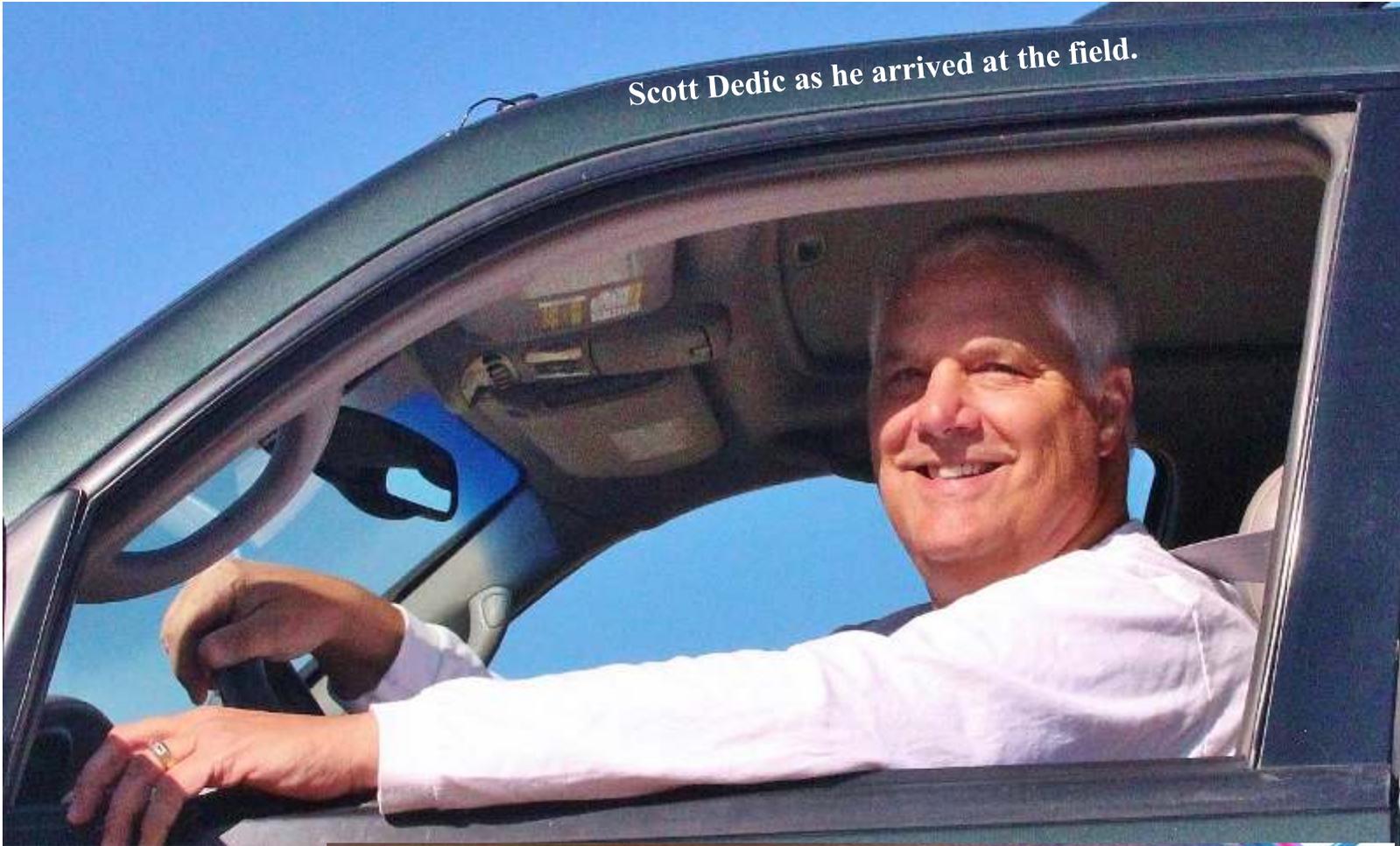




Bill Hill registered the rocket pilots. All CAP cadets who flew are AMA members.



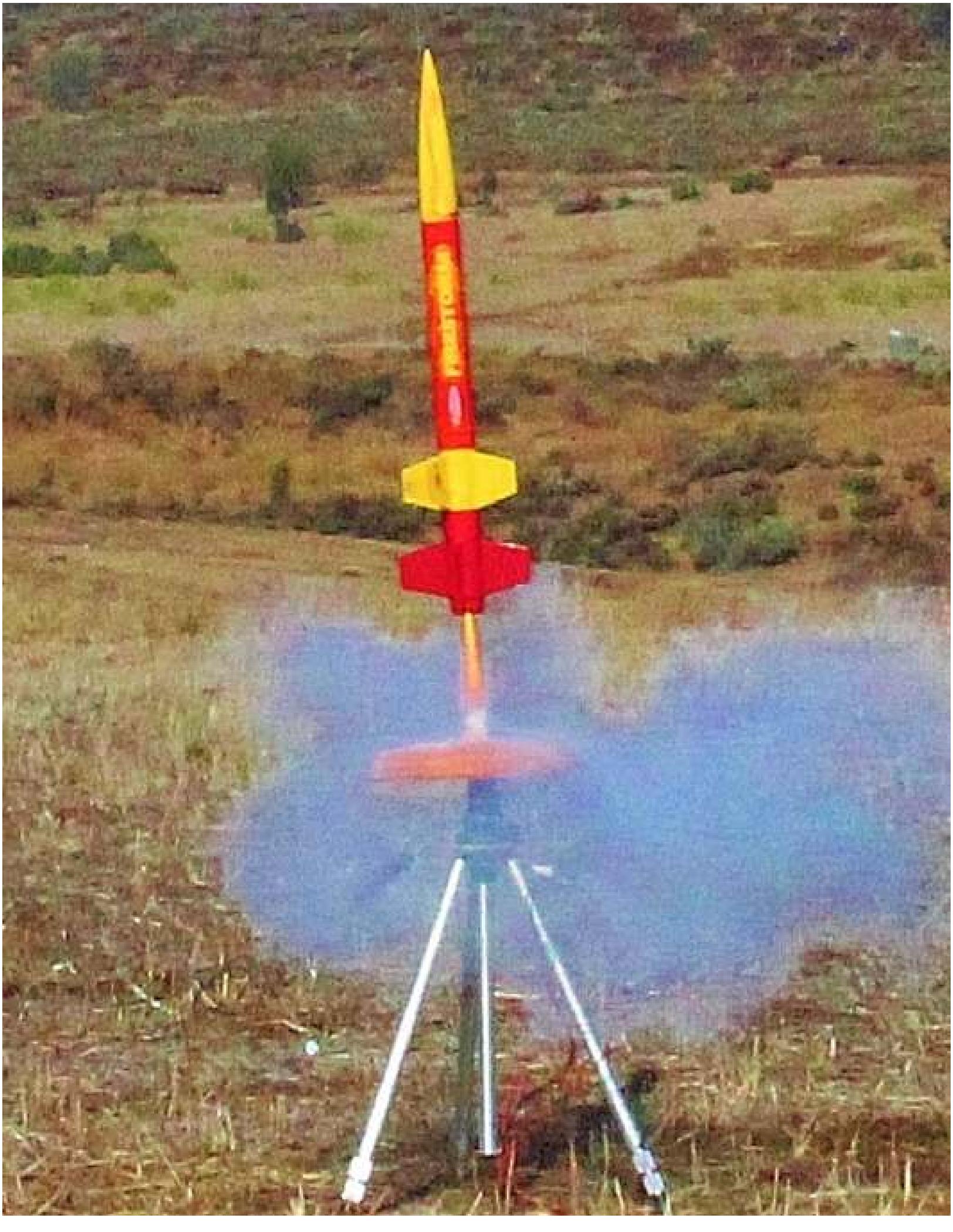
Scott Dedic as he arrived at the field.



Glenn Pohly's van was full of rockets, engines, and tools.













L/R Greg Wilson (I almost said Gary), President emeritus and board member and creator of marvelous foamies Bill Hill, and Roger Cosio— actually there are two poses of Roger here.





David Bracci , Master builder Mike Lonnecker, Vice President Chris Avellino, Soaring expert James Gallacher

**Master Cookie provider
(courtesy of Mrs. Hartsell)
John Hartsell Sr. No
pleasanter man exists!**



This Pilatus is a thing of beauty in the air and on the ground.



Hobby King's Tornado flies as good as it looks. What a neat fan-jet.



L/R Chris Thompson, Patrick Pranica, Bill Hill



Here are 5 pictures from our trip to Texas (Kristen, Curtis, Dave , and myself) for the *Wings over Windsong* event and to fly with our friends at Richardson RC close by in Princeton, TX. We flew in just about every condition on the trip (torrential rain, heavy wind, thunderstorms, etc)...which was almost 3000 miles round trip. Also here is a photo of an over 20 year old Midwest Extra 300 I recently gave Ron Schuyler. The plane was originally built by Jim Mazurek (old club prez) and supposedly won model of the month sometime in 1995 or 1996. It has a walker machine 3.2 (50cc) gas motor with an original mechanical advance ignition. Ron spent a lot of time getting it ready (he also added modern sfgs) and we successfully re-maidened the plane this morning. ..flew beautifully! **James D'Eliseo**







Ron Schuyler



AS SEEN AT THE FIELD BY ETHEL BURKE

(Next seven photos by Ethel)



Pancho Castillo is flying this new P-38 Lightning distributed by Motion RC. It is all foam ARF with a wing-span of 63 in. and weighs 8 lbs. with batteries. It has twin 670 kv electric motors with 12 x 6 in. props; 4S 5000 mAh battery; and two 70 amp ESC. It has tri-gear retracts with sequencing doors.



Pete Uscinski is flying this new P-51 Mustang from E-flite. It has a 44 in. wing-span with electric retracts, and a 4-blade prop. It has an E-flite electric motor, 40 amp ESC, and a 3S battery 2200 mAh.



Greg Farrell has a new 8 ft. wing Blanik glider from Hobby King. It has an electric motor with folding prop, 40 amp ESC, and a 3S battery 3300 mAh.



Here is Charlie Riley displaying this Edge 540 that is flown by James D'Eliseo and custom built by Curtis Pineau of Wild Thing Hobbys. Edge is from 3D Hobby Shop and has a wingspan of 74 in. It has a Scorpion 5525 -- 210 kv 10S electric motor. It has a Castle HV 120 Ice ESC and Castle BEC pro; JR 8-channel power safe DMSS receiver and flown with JR--XG 14 radio; Mejzlik 22 x 10 carbon fiber prop & spinner; Savox 1270 500 oz. torque servos; SWB arms and push rods; and is built with custom carbon reinforcement. The air ducts in front of cowling are carbon fiber made by Jim Figger. Batteries are Thunder Power 4000 -- 4400 5S (2 in series 10S) 3800 watts. Plane weighs 11 lbs. with batteries.



Two more photos of Charlie's plane.



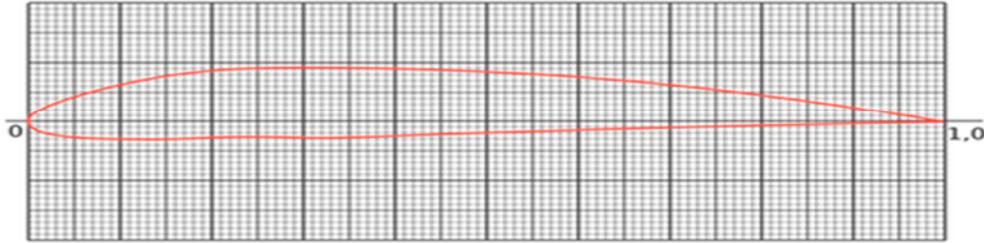


John Cutler is flying this Yak 55M from Ohio Model Products. Much thanks goes to James & Curtis for giving him the empty air frame to put together. The wingspan is 108 in. and it weighs 29.5 lbs. John put in a DLE-120 gas engine with 2 exhaust canisters from 3W. He repaired landing gear with new fiberglass and prop 28 x 9 in. It has Savox and Hitec servos.



Chris Thompson with his beauty.

Clark Y



Model builders owe a debt of gratitude to the fellow who designed the ubiquitous Clark 'Y' airfoil. This airfoil is simple, provides predictable lift at reasonable drag, and has a 'soft' stall reaction with easy recovery. It has enough depth for strong main and rear spars for a robust structure that handles 'G' loads well.

It is easy to build straight and un-warped with 70% of the bottom surface flat and easy to mount on an airframe. Mounted flat relative to the thrust line it provides about 2 degrees of actual incidence for good lift and low drag. The airfoil can be accurately drawn from coordinates (calculus) or simply TLAR (that looks about right) and gets similar performance if the high point of the airfoil is set at about 27 % of chord length and thickness at around 10 – 12% of chord. A generous leading edge radius gets soft stalls, a small LE radius provides a sharper stall.

The man we can thank for the Clark Y airfoil is Virginius E. Clark. He was born in 1886 and passed away in 1948. He designed the Clark Y in 1922 and that airfoil has been used in a huge number of commercial, military, and amateur built aircraft since its inception. He was no one-shot genius.

His book "Elements of Aviation : An Explanation of Flight Principles" copyrighted in 1928 is a scholarly treatise on aviation as it was known at that time of explosive research and invention in aviation known as "the Golden Age". In this book Clark described exactly how a wing develops lift during flight. His description correctly gives Bernoulli's principle the slight part it plays in developing lift and correctly describes the affect of Newton's Laws of Motion creating lift by changing the direction of airflow over an airfoil to create "downwash".

For some unknown reason the idea that Bernoulli's principle was the primary cause of an airfoil developing lift was accepted and it has only recently Clark's description has been proven, again, to be correct. The most widely used book used to teach pilots, "Modern Airmanship" published originally in 1957 and reprinted in 1966 taught the Bernoulli concept. The FAA in it's A & P teaching manuals printed in the 1970's uses the Bernoulli principle to describe lift from an airfoil.

Clark's affect on aviation didn't end with his book, or his airfoil design. He also paired with Howard Hughes to develop the "Duromold" moulded plywood process for Hughes' aircraft company. The process was used in the construction of the Hughes flying boat, the "Spruce Goose".

Clark's book is available on-line at - [HTTP://babel.hathitrust.org/cgi/pt?...:num=198](http://babel.hathitrust.org/cgi/pt?...:num=198)

PALOMAR RC FLYERS BOARD OF DIRECTORS MEETING JUNE 8, 2016

SECRETARY'S MINUTES

Call to Order: The meeting was called to order by President Jenkins at 1914 hours on Wednesday June 8, 2016.

Approval of Minutes: The Minutes of the May Board Meeting were accepted as published in the *Transmitter*.

Treasure's Report: Treasurer O'Connor reported a checkbook balance of \$62,779.64. The Heli Fun Fly generated \$1561 in income pending final accounting.

Committee Reports:

FAA/AMA: Chris Avellino - no report

New Field: Jim Jenkins - no report

Food & Beverage: Joe Villarreal- no report

Safety: Patrick Pranica - the requirement to wear badges when flying and operations at other than the usual flight line were discussed.

Helicopter/Quad: Ray Nemovi - no report

Sailplane: Jim Gallacher - See New Business

House & Grounds: Larry Hufford - no report

Combat: Darrell Albert - Much discussion of classes for electric combat at the upcoming "Battle of Midway" event on Sunday June 25. It was decided to invite all electrics and classes would be formed at the event based on the types of aircraft entered.

Calendar: The auction has been moved to the June meeting at the field starting at 0900 with open flying and BBQ lunch to follow.

The latest issue of *The Transmitter* will contain the latest calendar. Please check it as dates for events can change

Old Business: none

New Business: President Jenkins presented a request from a member to consider adding our field as a host member of the Southern California Soaring Clubs (S²C) was presented. Inasmuch as few (if any) of our members are thermal duration pilots, it was decided that this would negatively impact the weekend flyers and hosting was declined.

Adjournment: The meeting was adjourned at 2045 PDT

Respectfully submitted by Steve Kerrin, Secretary

PALOMAR RC FLYERS MEMBERSHIP MEETING JUNE 18, 2016

SECRETARY'S MINUTES

The meeting was called to order by President Jenkins at 0915 hours on Saturday June 18, 2016 at Johnson Field.

Approval of Minutes: It was moved and seconded that the minutes of the May meeting be approved as published in the Transmitter.

Treasurer's Report: Treasurer O'Connor reported that the current treasury balance is in excess of \$62,000.

Business: Due to the Auction, the usual business meeting was suspended. President Jenkins spoke briefly on field safety and emergency response as the result of a few recent incidents. He also related plans for the upcoming foamy combat event.

If a member encounters someone with a weapon be it a firearm, BB gun, pellet gun or similar, call the San Diego Sheriff from a safe location and inform them that there is an armed subject on private property. Do not approach the subject. Even toy guns can appear real to viewers at a distance and could result in negative "publicity" for the club.

In the event of a medical emergency, dial 9-1-1 and request paramedics. The patient can always refuse treatment but treatment in the initial seconds and minutes of a medical emergency are critical to a positive outcome. Unless you are alone with the patient on a weekday, have someone go to the gate to open it for the responders and wait to direct them to the heli pad or flight line.

The current lost and found box will be emptied and returned to a first aid box. President Jenkins has purchased supplies to stock it.

The June 26 combat event will have a electric combat beginning at 0900. Any electric can be entered with foamies being the probable choice. Anyone wishing to try e-combat can bring an airplane and the competition classes formed based on the numbers and types of aircraft.

Auction: The auction was a great success with spirited bidding on many items and some real \$teals'went home with lucky bidders. President Jenkins gave no quarter when prodding bidders and it was all great fun. Donors were awarded Palomar Dollars (\$1 for each \$4 sold) and the club made over \$800 after awarding Palomar dollars (pending final accounting).

Adjournment: The meeting/auction was adjourned around 1045 hours and attendees enjoyed grilled burgers and dogs.

Respectfully submitted by Steve Kerrin, Secretary

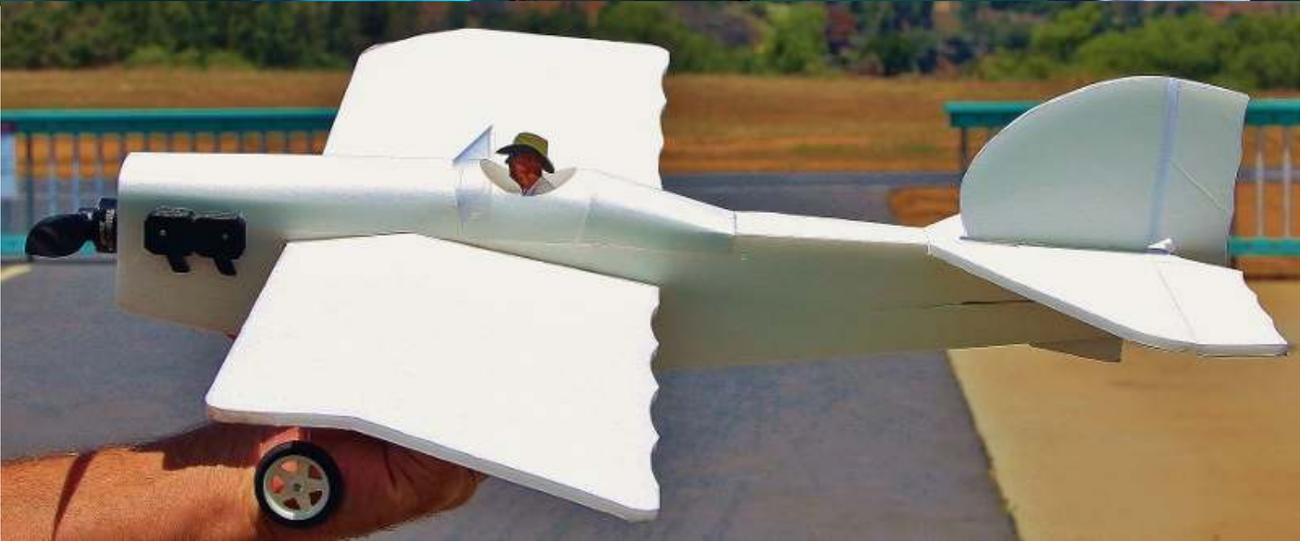


James D'Eliseo took this at the field on June 22, 2016



James D'Eliseo

Bill Hill's little foamy flies great. His photo is in the cockpit.



John Hartsell, Jr.



Hugh Greenwald's Waco YMF-5



Hugh's plane is from the Golden Era of Flying in the 1930's. What a beauty.

June 18, 2016

Monthly Club Meeting at our Field.

President Jim Jenkins lead the raffle and meeting. It was lots of fun and after the meeting food was available.



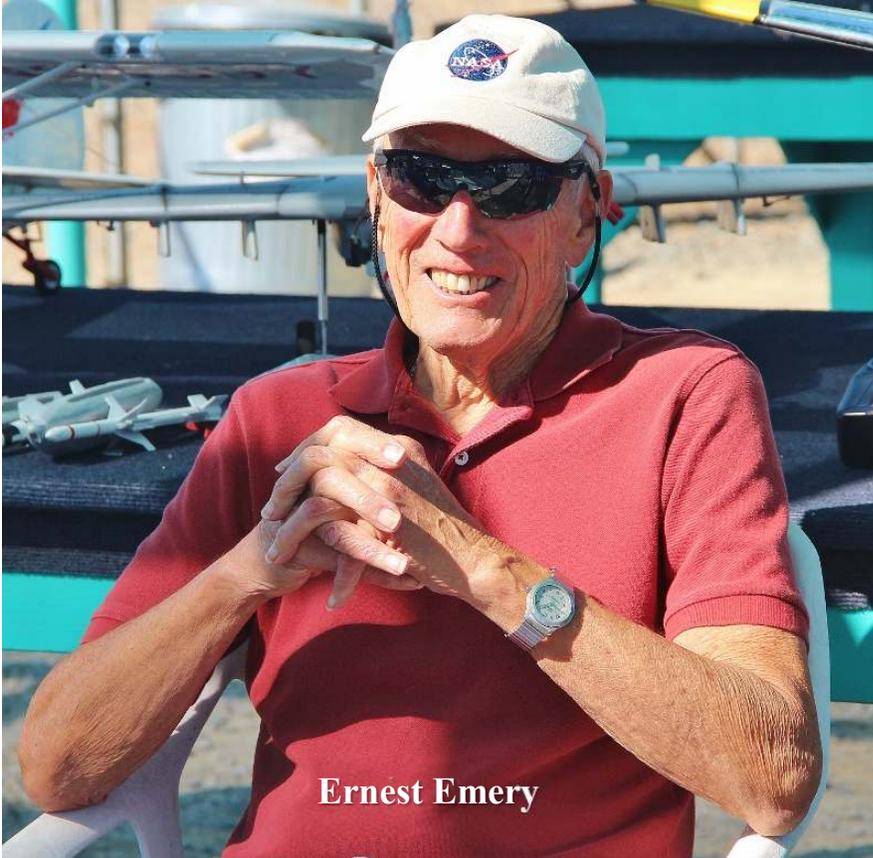


Secretary Steve Kerrin kept track of the buyers at our auction.

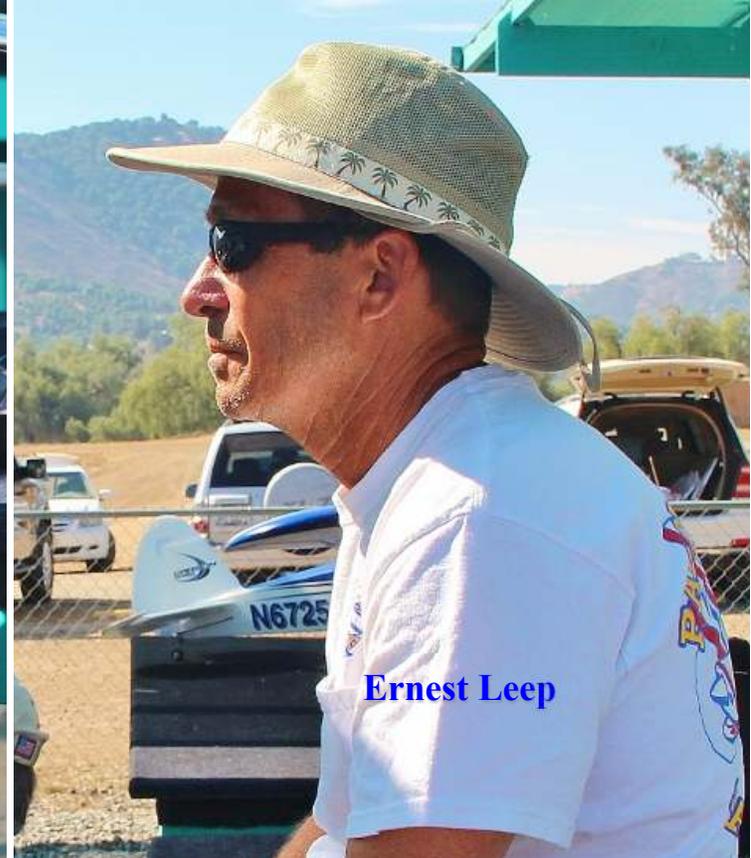




Seated is Board Member David Drowns. In back of Dave is Board Member Chuck Riley. Seated next to Chuck is David Bracci and to the right is Jason Loukakis.



Ernest Emery

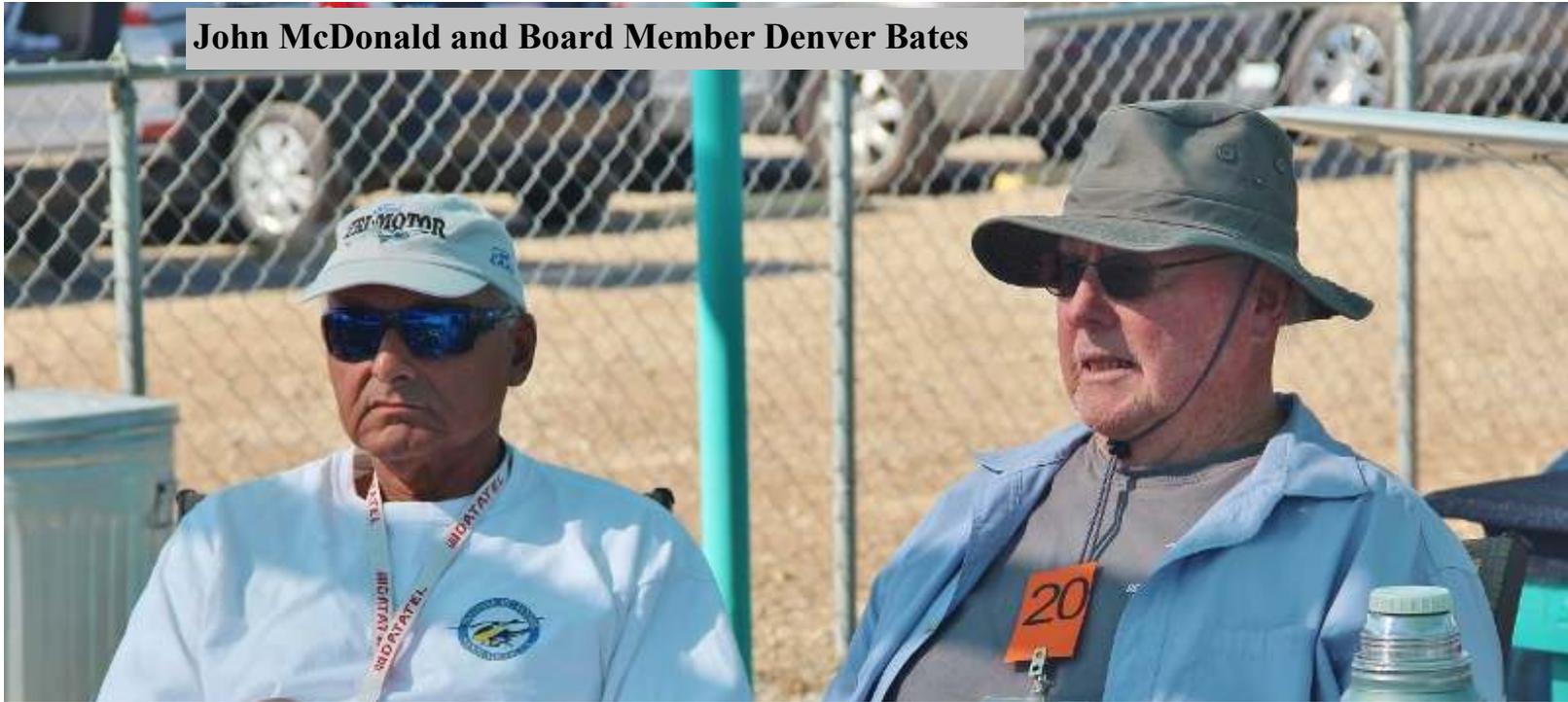


Ernest Leep



Dave Truax was vice-president of our club many times. He used to run the pylon races.

John McDonald and Board Member Denver Bates



Master model-builder—Mike Lonnecker





Bill Hill's Flamin' Hog Wild in flight makes a neat appearance.



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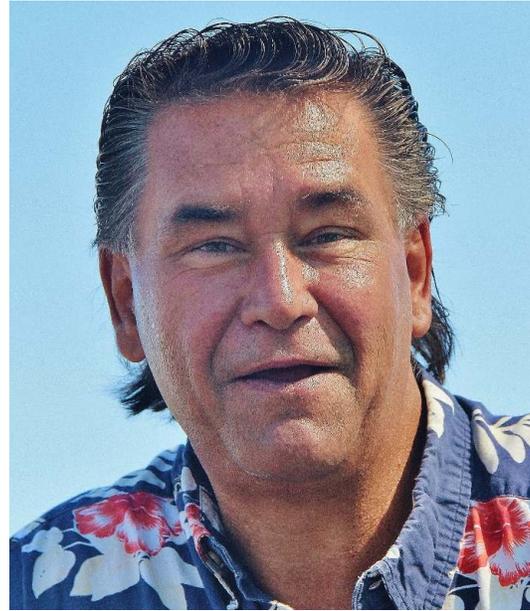
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2016 Club Officers



Treasurer Sean O'Connor



President Jim Jenkins



Vice President Chris Avellino

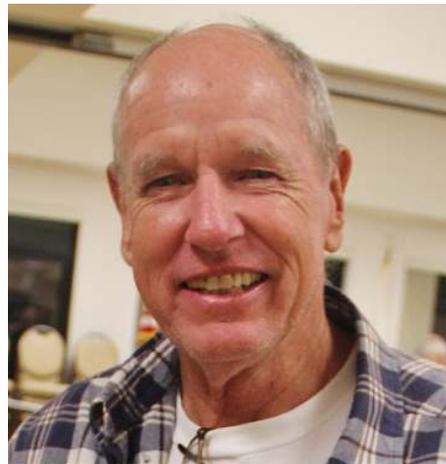


Safety Officer Patrick Pranica

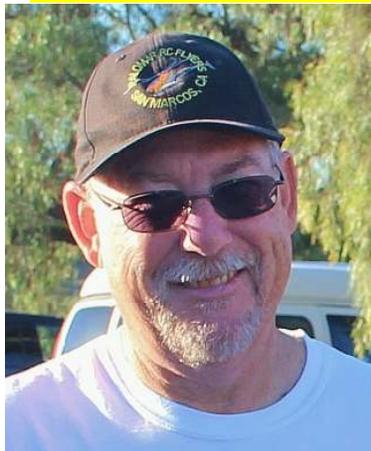


Secretary Steve Kerrin

Board Members



Bill Hill



Joseph Villarreal



David Drowns



Chuck Riley



Jim Gallacher



Curtis Pineau

Club Directory

CLUB OFFICERS

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VICE PRESIDENT Chris Avellino	858-245-3342
SECRETARY Steve Kerrin	760-751-0430
TREASURER Sean O'Connor	858-485-0750
SAFETY OFFICER Patrick Pranica	442-224-0032
BD MEMBER David Drowns	760-740-1715
BD MEMBER Bill Hill	760-807-4831
BD MEMBER Chuck Riley	951-693-5679
BD MEMBER Jim Gallacher	760-747-7381
BD MEMBER Joseph Villarreal	760-390-1470
BD MEMBER Curtis Pineau	760-535-9802

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Newsletter Editor Joe Buko	760-726-8831
WebMaster Martynas Kausas	

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Helicopter Chairman Ray Nemovi	760-295-2669

HEAD INSTRUCTOR

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

INSTRUCTOR LIST

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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

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