



# Palomar RC Flyers



## Transmitter

### September 2012



# Build & Fly

### Dreamin' again

I received an email from one of our board members the other day and it showed a very large nice shop full of model aircraft hanging from the ceiling and everywhere on the floor. There were tool boxes and a drill press, the guys in the video were assembling a large gas powered plane. As the plane was completed they rolled it outside and there was a nice paved runway and they proceeded to fly... then it hit me OMG these guys have that beautiful shop right at their flying field! Can you imagine, what would your ideal flying field be like? I remember an article in Model Aviation featuring a flying field in Washington State, in the center of the property the club had a nice clubhouse with an observation deck upstairs overlooking the whole field. They had a nice paved runway and there was nice manicured grass surrounding the clubhouse and the runway. The parking area included RV hookups and a tent camping area. The best part, the club owned the field! If we had no limits what would we do? We have a great field now, but how much better could it be? Don't mind me, I'm just dreamin' again.

Back to reality; Combat coming up on September 9<sup>th</sup>, it's time to get busy on club officers again and nominations open at our next meeting on September 20<sup>th</sup>, and Heli Freak coming on October 4<sup>th</sup> if you'd like to help out please contact me or Scott Dedic.

We have three club officers leaving the board this year. They are Varley Longson, Dave Truax, and Darrell Albert. I can't say enough to express gratitude to these individuals for what I consider unbelievable service to the club. When you see them be sure to thank them! This will leave vacancies for the positions of Vice President, Treasurer, and Membership chairman. We will also need a Combat chairman. The position of Combat chairman would best be filled by an individual that is certified Contest Director.

It's very hot this summer, remember to take waters, eye protection, and sunscreen when you go to the field.

**Bill Hill-** President of the Palomar R/C Flyers, Inc.

## **Editor's Notes:**

I interviewed one of our newer club members, Merle Jaeger of Fallbrook for this issue. Merle was part of the design team on Northrup's YF-23 that out-performs the F-22. We are honored to have a man of his stature among us. He holds the patent on the exterior design of this supersonic bird!

There are many club members who have spent their lives in aviation. I would like to interview you and place your story in these pages. Please contact me if you are interested. Thanks.

## **Lost and Found**

On August 7, 2012, a club member reported that someone found the wing to a wrecked Stick and put it in the trash . However, the servo was removed and kept! If you find some else's property, that property by law reverts to its owner. Please return the servo. The owner will appreciate it. Thank you.

On Thursday, August 16, I left my glow-fuel can at the field. Someone kindly placed it in the bin and I found it there on the next Tuesday when I returned to the field. Thank you to whoever was so kind!

## **NOTICE**

The Transmitter is a kind of monthly minutes of our club in visual form. Lots goes on because we have 205 members. I report in visual form many of the activities in which we engage during a given month.

If you'd like to see photos of your favorite club activity, club member or plane in the Transmitter, kindly take some photos and send them to me for publication. It'll improve the Transmitter. Thanks.

## **NOTICE**

At our next club meeting on September 20, we will accept nominations for next year's slate of officers and board members. Nominations will close at our October 18th club meeting. Ballots will then be sent out and later counted at the November 15th club meeting when next year's slate of club officers and board members will be announced. If you'd like to run for office or become a board member, the "gate is now open."

## **NOTICE**

I will not be able to attend the Helifreak Fun Fly and I need someone to take photos of it so that our October Transmitter will cover it well. If you can take photos on the club's behalf, I and the club would appreciate that. Could you kindly let me know if you can do this for us? Thanks.

Joe Buko– Editor

An interview with club member **Merle Jager**  
Aeronautical Engineer, Father, Grandfather, and friend

Compared to some of us in the club, Merle is a youngster because he was born three years after me. He hails from near Eugene, Oregon and grew up on a farm which his brother now runs. Like the rest of us, Merle likes airplanes. He earned a bachelor's degree in aeronautical engineering from Oregon State University in 1965. After graduation, he worked on flight performance at Lockheed Aircraft in Burbank. While working at Lockheed he attended USC where he earned a Master's degree in aeronautical engineering in 1967. He worked in drag and vehicle performance analysis on the P-3 Orion, the Navy patrol aircraft that is still in service. Next he worked in advanced design when the SST and the L-1011 were being designed. He also worked on the S-3A Viking, a twin jet.

In December 1966 Lockheed lost their bid to design the SST to Boeing in Seattle and Merle moved there in 1968 for two years until the big lay-off of 80,000 people. He then moved back to Southern California and went to work for Lear Jet in Torrance, California where he worked in an advanced design group. Charles Gates Jr. bought Lear Jet from Bill Lear. He worked there until Dec. 1970 when he went to work for a small parachute company, in Gardena, Irvin Industries.

In 1971, he worked on drag chutes, ejection seat chutes and satellite recovery chutes, and on spin sheets which are mortar deployed (they are only used on the flight test development aircraft and not production aircraft). The F-16 was equipped with such for flight testing. The idea is to pull a plane out of a spin; the C-5 Galaxy had a 50' spin sheet for flight testing! Unfortunately, the BAC-111 went into a deep spin, had no spin sheet, and was lost. Merle marketed the spin sheet to aircraft producers by asking if saving their aircraft was worth the \$20,000 insurance in case of a spin! He worked at Irvin from 1971 to 1973.

He moved to Northrop Aircraft in 1973 and worked on drag analysis and aircraft performance in the F-5E and F-5F program. He also did the aerodynamic design work on the F-20 which was a single engine version of the F-5E with 50% more thrust (Mach 2 class performance). The F-5E was a single place and the F-5F was a two place jet. He became the head of the YF-23 aerodynamics department for 10 years where he worked on developing the YF-23! In 1990 the Northrop YF-23 and Lockheed's YF-22 had a fly-off. Although the YF-23 out-performed the YF-22, the contract was not awarded to Northrop due to political reasons. It was news to me that aircraft performance alone doesn't win contracts!

Merle's greatest project was the YF-23 Advanced Tactical Fighter which took him 10 years to design, develop and flight test. If you want to see Merle 22 years ago, go to the following link [www.yf-23.net/people.html](http://www.yf-23.net/people.html). He is the one standing exactly in the middle with his arms folded, with the beautiful YF-23 in the background. His hair was black with no gray hair then. Click on the picture and it will enlarge so you can see it better. The YF-23 was the best fighter ever designed and built but did not go into production. They only built 2 and flight tested them but lost out to Lockheed who built the YF-22 which became the F-22 (Raptor) in production and it has been a disaster. He did the aerodynamic design on the YF-23 (which is basically the shape and how it looks); he holds the patent for that. It took 10 years but resulted in the finest fighter ever designed and still holds several world's records. There were a number of unique features such as the V-tail and the Clipped Diamond wing planform among others.

Merle told the story of the "Last Supper." When Bill Clinton was president in the 1990's and Les Aspin was his Secretary of Defense, they invited 7 or 8 CEO's of the leading aircraft companies to come to Washington for a special dinner. Since the Cold War was over, the government announced they were only going to keep two prime aircraft contractors, (this became Boeing and Lockheed after everyone else merged or dropped out of being a prime contractor)! All the rest could go and do something else because the government no longer needed them! So, in 1994, Merle was given the golden

**handshake at the age of 52 when he retired from Northrop.**

**Because of networking, he went to work for McDonnell Douglas in Long Beach. NASA wanted an SST and McDonnell Douglas had a research contract with them and they hired Merle to work on it, but in 1997, Boeing bought McDonnell Douglas and so he was working for Boeing once more. The SST design was killed by the fact that it would cost too much to operate it economically. He worked there for 10 more years and retired in 2005 from Boeing. He still consults for Northrop off and on.**

**I asked him about Boeing's 787's composite parts. Are composite parts more fatigue resistant than aluminum? His answer is that it is far and away more fatigue resistant and a lot lighter than metal. Composites are the wave of the future.**

**Merle is a library of aviation information and it is an honor to have such a distinguished aircraft designer among us! Merle was a member of the Fallbrook club, but driving way out to Rincon where it can be very windy while our field is not, convinced him to join Palomar. Welcome, Merle. By the way, he has been married for 45 years, has 3 daughters and one son and 13 grandchildren.**

**Joe Buko**



**The distinguished Merle Jaeger**



**July 28, 2012 @ Camp Horno on Camp Pendleton, California. Tom Minegar lands his 1/3 scale Citabria on the left and his plane towing John Cutler's 1/3 scale Baby Bolus with a 15' span!**



**On July 31, 2012, George Hubbard maiden'd his beautiful Buzzard Bombshell; it's electric powered and flies like a free-flight plane. Just give it throttle, point it into the wind, and it takes off unassisted. Joe Buko photos**



**Tom Minegar's 1/3 scale Citabria towing a 4 meter sailplane. It looks full-scale!**



**Richard Mack wants to sell this electric DeHavilland Tiger Moth. It flies well and has only been flown a few times. It is made by China Model Products, 48in span, weighs 4lb., Hobby King Orange receiver with satellite, Hitec servos, 3000ma 4S 30C battery, 45A Esc. , Bind and fly. \$260 call: 760-728-1720**

Joe Buko photos



When Don Wadlington, our secretary, saw these two Buzzards, he said, “Hey, look at “dos” Buzzards! The white/ yellow plane pictured below belongs to President Bill Hill This is the stuff dreams are made from!



**Tom Johnston’s Park Zone Albatross. It flies well. July 31, 2012 This was the Red Barron’s usual aircraft.**

Joe Buko photos



**Don Wadlington's favorite airplane on which he has hundreds of flights. It still looks new. Joe Buko photos**





Photo taken in 1990 with a plane that I "kit bashed" from an old Hobby Shack Modeltecch stick ARC. It was supposed to be a high wing and I turned it over and made low wing out of it. I rounded off the wing tips, changed the outline of the tail surfaces, and made it with turtle deck and a canopy. It didn't look anything like a "Stick" when I was done with it. Who is this member? Answer on page 15.



Model or full scale? Answer on page 15. Joe Buko photos



**August 2, 2012** Russell Parks has a great smile. Being around heli's brings out the fun in him. Joe Buko photos

**James Garabedian and his bird on 8/2/2012**





**Gerald Shelden**



**Don White**



**Steve Hoffman**

**Scott Page**



**Loris Koder**



**James Garabedian**

**Russell Parks**

**Haig Garabedian**

**Gerald Shelden**

**Loris Koder**



**Don Cleary**

**Joe Buko photos**

Rotor Blast – September 2012  
Scott Dedic, PRCF Heli Chairman



### 2012 SoCal HeliFreak Fun Fly

It's almost here! On October 4 – 7, 2012 the Palomar RC Flyers Club will be hosting the HeliFreak Fun Fly at our field in Fallbrook, CA. We've extended the fun fly this year one extra day so there will be plenty of time for flying and catching up with your friends or making new ones.

We'll set up the area by the main runway as Fun Fly Central where you'll find Registration, HeliFreak, Palomar RC Flyers, Vendors and the factory teams. We anticipate a large turnout this year so we are adding additional flight stations at the field. The main runway will be used and we will also be utilizing the separate PRCF heli field more extensively.

Tim Jones, Kyle Dahl, Justin Barry, Jason Bell and Dave Ketelhut are just a few of the world class pilots who are scheduled to attend. A Main Hobbies, Sick Canopy and OC Heli Tech have signed on as official sponsors.

Here's a rundown of the activities:

Thursday Oct. 4 – Gates will open at noon and for those pilots who haven't pre-registered, the Registration area will start up about the same time. Open field flying will start as soon as pilots are ready.

Friday Oct. 5 – Gates will be open throughout the weekend so pilots can arrive at the field throughout. Open flying all day with night flying in the evening. The bbq grill will be up and running all weekend so food will be available. We anticipate that Friday afternoon we'll start seeing many pilots arriving so if you want to avoid the rush either pre-register or arrive early in the day.

Saturday Oct. 6 – This will be the biggest day and there will be several contests (such as autorotation) in between the open field flying. Our sponsors are donating prizes for the raffle which will also be held during the day. The Circle City Flyers are hosting a pilots dinner that night and I'm told they will be serving their specialty; carne asada. In the evening we'll kick off some spectacular night flying and you won't want to miss any of it!

Sunday Oct. 7 – Open flying will start in the morning and will end at noon.

I'm looking for volunteers to help out during the weekend and if you're interested in earning boucoup Palomar \$ (that can be applied towards your membership fees for next year please contact me now at [scott.dedic@am.sony.com](mailto:scott.dedic@am.sony.com) or on my cell phone at 858.442.0388.



### Multirotor Challenge

Mark your calendars for March 23 and 24, 2013 for a unique new event to happen at our field: Multirotor Challenge.

Multirotor aircraft such as quadcopters, tricopters and hexcopters are the quickest growing segment of our hobby. Innov8tive Designs, Maplegate Media and the PRCF have teamed up to bring the very first multirotor-only fun fly to pilots. More details to follow so keep watching for updates.

Finally, I have another project in the works for heli pilots at this time. I can't talk about it yet so keep watching Rotor Blast for the news.



John Binikos

Richard Mack

Board Member Ron Schuyler

Secretary Don Wadlington

August 7, 2012, a very hot day at the field Joe Buko photo

### Answers to page 10

The club member is Tom Johnston.

The plane is a model @ the Scale Master's Qualifier @ Hemet.



**Meet Charles (Chuck) Emigh, a new member to our club. Welcome Chuck! He's also a member of the Torrey Pines Gulls and flies @ Camp Horno. He flies giant scale sailplanes, and his 1/3 scale is so huge that it's too big for Torrey Pines. Why? Because if it ever hit a para-glider, it could bring it down! He's been flying for 20+ years. It's nice to have you with us. Joe Buko photo**

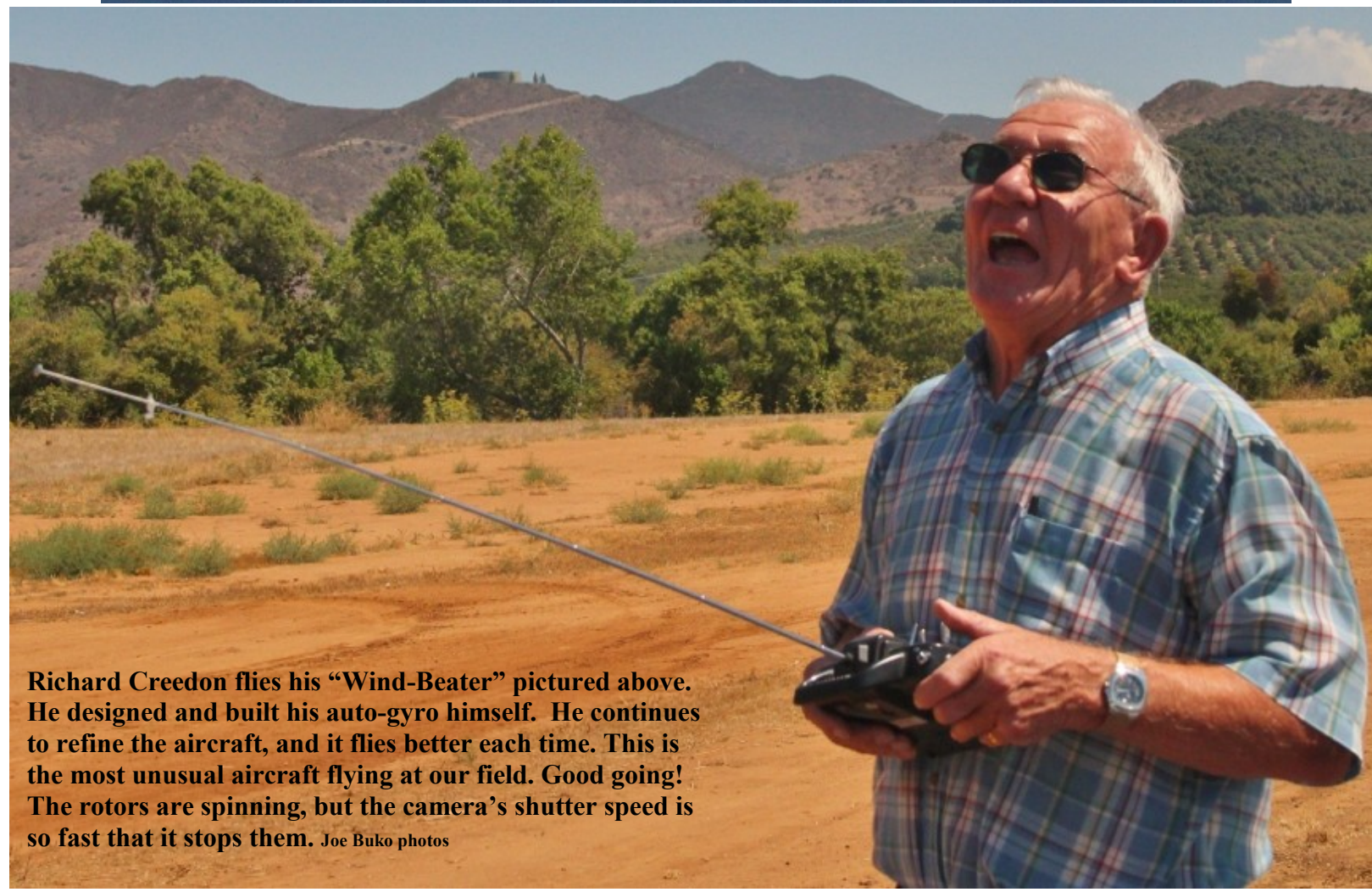
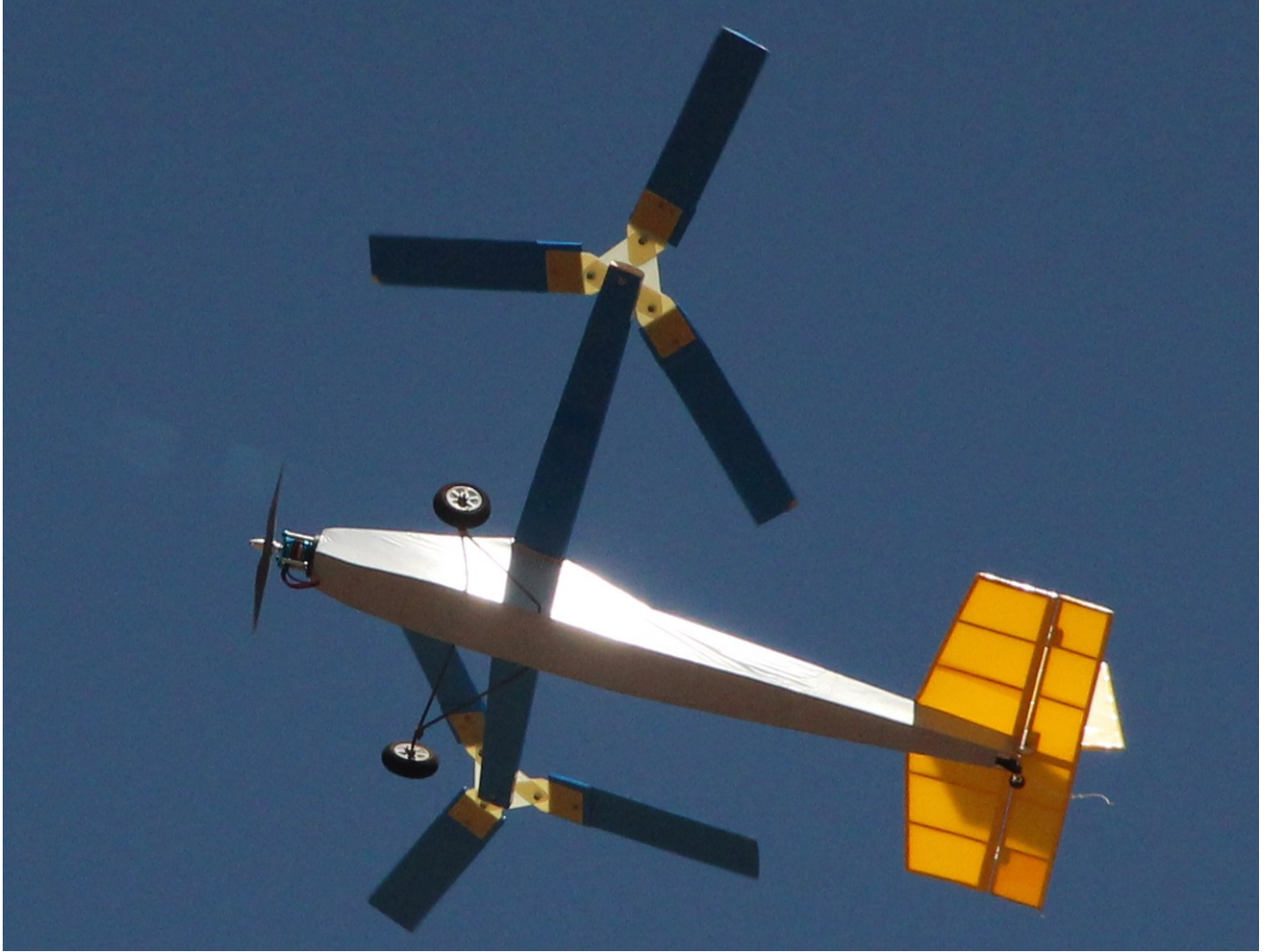


**On August 7, 2012, this electric P-51's lipo battery caught fire when it crashed on the dirt alongside the runway. Had it been in the jungle, it could have been a different story!**



**Richard Mack had a fire extinguisher handy and sprayed the fire for the owner. It would be a good idea for electric fliers to have an extinguisher handy for accidents like this!** Joe Buko photos





**Richard Creedon flies his “Wind-Beater” pictured above. He designed and built his auto-gyro himself. He continues to refine the aircraft, and it flies better each time. This is the most unusual aircraft flying at our field. Good going! The rotors are spinning, but the camera’s shutter speed is so fast that it stops them. Joe Buko photos**



**A gift of wings of a blue heron— The layered feathers help to create its airfoil shape. The wingtips are natural 'winglets' which increase lift and decrease the vortex.** Joe Buko photos



### **Full scale Carbon Cub SS.**

**Compared to a similarly equipped Super Cub, this plane has 50% fewer parts and is 250 pounds lighter! It's horsepower to weight ratio is just 7.33 pounds with a 180 hp engine. No other Light Sport Aircraft (L.S.A.) takes off or lands in a shorter distance! Its big tundra tires are 29" in diameter.**



**Life-member Larry (Gannon Box) Hufford flew his 3-D Hangar 9 Twist on Aug. 9, 2012. Evan Davidson first owned it; then Frank Burke owned it, and now it's Larry's.**



**On Aug. 9, 2012 Victor Lanz flew his 9' Travel Air Bi-plane @scale speed when the wind came up. Joe Buko photos**



**On August 14, 2012, when Don Wadlington was flying his Pawnee, a gorgeous hawk flew along with his plane for a minute or two! This photo is actually the way it was. It's for real! Very cool indeed. That bird has a great 'paint-job!' Joe Buko photos**



**August 16, 2012 Gary Kaplan and his new foam Shoestring. Marv Clemens and his scratch built SkyLark, a scale model of a home built. It's a two seater with a wingspan of 26.5'. The Larkin Aircraft Corp began the design of the prototype in 1961. Construction began in 1970. It first flew on June 8, 1972. Full scale plans and kits may still be available. Top speed is 115 mph. Marv's is electric powered and flies well with a 29 oz. per sq. ft. wing-loading. Now that he knows his model flies well, he plans to complete the painting. There is about 3/4" clearance between the fuselage and the ground. The primary skill necessary to build a Skylark was being able to sheet metal rivet.**



**Expert flyer Denver Bates 'maidened' Marv's Skylark. An engine nacelle will be added as on the full scale plane.**



**Ron Stoddart flies his Magic, a .46 powered Royal aerobatic plane on August 16, 2012.**  
Joe Buko photos

# August 16, 2012 Club Meeting



New Member Patrick Pranica from Seattle.



Bob Broughton

Bob Peterson

Mike Mayberry gave a presentation about Hi-Tec servos. It was most informative.

Joe Buko photos





# MODEL OF THE MONTH



**John Cutler won Model of the Month with his 1/3 scratch built Baby Bowlus! Excellent job, John! You rock! It took him four years to finish it. Joe Buko photos**



**Frank Burke brought this Hawker Sea Fury to display for Model of the Month.**



**Ron Schuyler and Melody Micheli smile as Charles Micheli hams it up after winning the \$50. door prize.**



**Kurt Barnhart was a guest at our meeting. Welcome Kurt.**

Joe Buko photos



# Annual Open House and Swap Meet August 18, 2012



**Stanley E. Wagner from Fontana, CA came to our swap meet. After a life-time in the hobby, he is selling everything and getting out of the hobby! He'll sell it all including the trailer, for \$13,000. He has several more planes at home, and two PBY's. If interested in any, all, or part, contact Stanley @ 909-829-6464. He belongs to nine r/c clubs!**



**Sean O'Connor**



**V.P. Dave Truax 'saving his marriage' by selling some of his wares. His wife doesn't know that he also bought a lot of stuff too! Joe Buko photos**



Part of the swap meet. It was already 81 degrees @ 7:45 am.



Eric Hradecky      Life-Member Rich Andersen      Greg Wilson on Aug. 23, 2012  
The Extreme w/a DA-50 and an es pipe below is Eric's. Though it looks new, it has over 100 flights on it. Joe Buko photos





**Tom Johnston's Stinson and below,**

**Greg Wilson's Eratix. Both planes are electric powered and fly well.**

Joe Buko photos



# AS SEEN AT THE FIELD— BY ETHEL BURKE



Steve Kallam's grandson, Carson Wiener, designed and built this plane with the help of his Gramps. A successful maiden flight was made with this electric plane that was crafted from blue core and tape. It has a wingspan of 48 in. and drops 2 parachuters. It is powered with 4 Scorpion electric motors, 4 speed controls 25 amp, and two 3 cell 2200 mAh batteries.



John Hartsell, Sr. has a new Rascal ARF from Sig. It has a wingspan of 72 in. and has an E-flite 60 motor with a 5 cell battery.



Joe Villarreal is flying this Focke Wulf FW-190 from Kyosho. It has a 57 in. wingspan and weighs 7.5 lbs. It is powered by an OS-75 two-stroke glow engine running a 13 x 8 prop.

Lou Governale purchased this Edge 540 ARF from Bob Warner at the swap meet. It is powered by a Saito 180 four-stroke glow engine. The wingspan is 78 in. and it weighs 11.5 lbs.

Joe also flies this Hellcat F6F from CMP. It is powered by a CRRC 26cc gas engine with a 16 x 10 three-blade prop. It has Century Jet air retracts. The wingspan is 70 in. and it weighs 12 lbs. Ethel Burke photos





**Frank Burke is flying a P-47 Thunderbolt that was built by Ed Ramsey from a TopFlite kit. It is powered by a Super Tiger 75 two-stroke glow engine with in cowl muffler system and on-board glow. It has a wingspan of 63 in. weighing 10 lbs. 12 oz. with a 35.5 oz. wing load and has Robart air retracts.**



**Richard Creedon has a new Super Sporter from Great Planes. It has a wingspan of 48 in. and is running an electric motor with a LiPo 1500 mAh battery.**

Ethel Burke photos

**General Membership Meeting Minutes, August 16<sup>th</sup>, 2012.  
By Don Wadlington**

**Call to order**

The meeting was called to order at 7:15pm by President, Bill Hill.

**Welcome visitors and guests**

The Membership welcomed guest, Kurt Barnhart and new Club Member, Patrick Pratica to the meeting.

**Motion: to waive reading of minutes.**

A motion was made and seconded to waive reading of the minutes and accept them into record as published in the Transmitter.

**Financial Report**

Varley gave the Treasurer's report. "The checking account balance is currently, \$23,115.82". "Income from dues for 2012 is \$17,615.00". "Expenses for the period were, 2,247.52". "Income was 110.00". Membership is now at 204.

**Guest Speakers / Presentations**

A presentation was given by, Mike Mayberry. Mike is a Tech Rep for Hitec RCD. His presentation was very informative and included answers to questions posed by the Membership. Thanks, Mike.

**Old Business**

The annual Club Swap Meet will be held Saturday, August 18<sup>th</sup>. Dave Truax is Chairman for the event and updated the Members on planning. Dave said, "Gates will open at 7:00 am". "We will be charging \$5.00 per space to sellers". Bring out the items you no longer need and enjoy the day. The flying field will be open to anyone with a valid AMA membership.

We have had a noise complaint recently. A resident across the freeway called to say that someone has been flying late in the afternoon and into the evening creating a nuisance. Please remember, gas powered models cannot fly after 5:00 pm. Following the flying-time rules that are posted at the field will help to eliminate complaints of this kind from our neighbors.

**New Business**

Lucien Miller and Tom Atwood gave a presentation to the Board of Directors at our meeting in July. They are proposing that we host a "Multi Rotor Fun-Fly" next year. The interest in this type of aircraft is currently exploding. As yet, there are very few events catering to multi rotor aircraft. The Board of Directors voted to research the possibly having a three day event in March of 2013. Updates to follow.

Next month, September, we will begin to accept nominations for Club Officers for 2013. Elections will be held in November. Think about serving on the Board of directors and "cast your hat into the ring".

## Special Interest Reports

Bill updated the Membership on the upcoming Heli Freak Fun-Fly. “Things are progressing well for the 4 day event to be held this October“. “We are expecting as many as 200 pilots this year with total attendance as high as 500 on Saturday”. Help is needed. Please consider coming out to help if you can. Set up starts on Wednesday afternoon. Earn Palomar Dollars for helping. Contact Scott Dedic or Bill Hill to sign up.

## Member Recognition: Outstanding Contributions or Achievements.

The Club Members recognized Bob Warner for donating his tractor use and contributions to mowing our flying site and surrounding areas. Also, a “thank you” to Larry Hufford for his continuing work as well, in mowing and weed abatement.

Thanks to Joe Buko for his excellent work as Editor of our Transmitter.

Barry Hirschberg was applauded for his duties as Webmaster for the Club.

Chuck and Melanie Micheli continue to provide the snacks for our meetings and they are very much appreciated. Thanks to all who give of their time to our Club !

## Model of the Month and award

Two models were entered in the Model of the Month Contest. John Cutler brought his Baby Bowlus vintage sailplane. Frank Burke entered his Sea Fury. This month’s Award went to John Cutler. Congratulations John !

## Door Prize and Adjourn

The \$50 door prize was won by Charles Micheli.

The Meeting was adjourned at 8:50 pm.



The editor with his slow flying, 20.5lbs. Gypsy Moth. It is 14 years old.



**Call to order:**

The Meeting was called to order at 7:00pm by President, Bill Hill.

**Financial Report:**

Varley gave the Treasurer's report. The Club's bank balance is currently, \$22,977.82. We have a balance of 1,187.24 in the PayPal account for HeliFreak registrations. Inflows to the account were, \$230. Expenditures totaled, 2,505.52. Expenses include, sanitation, trash, maintenance, meeting expenses, and the HeliFreak event.

**Meeting room discussion:**

The Board discussed the idea of moving the meeting room rental to 6:30 instead of 7:00 pm as it is currently. The earlier time would give Charles and Melanie additional time to set up the refreshments and brew the coffee. After a discussion of the topic it was decided to purchase two coffee urns. Charles will use them to bring the coffee already brewed from home. Thus, saving the additional fees required to open the Senior Center early.

Club Swap MeeDave Truax gave a re-cap of the recent Swap Meet held at Johnson Field. "Turnout was light this year". "Most likely due to the heat wave we have been experiencing of late". "Still everyone seemed to be enjoying themselves and shopping for bargains". "One seller drove down from Covina. There were a number of sellers from other parts of San Diego as well".

**HeliFreak update:**

Scott Dedic updated the Board Members on the planning in progress for HeliFreak 2012. "We currently have about 45 pre registered pilots". "This is about the same as this time last year". "Two new Pro Pilots will be attending this year". Volunteers are still needed to help with the event. Expenses to the Club were discussed. Extra sanitation facilities are required and will include three wash stations. An additional trash bin has been arranged for. Bill has ordered 280 tee shirts for the event. The Board authorized a \$2,000 fund to purchase food items All in all, things are progressing well.

**Combat Event:**

The Board discussed the upcoming combat event scheduled for September 9<sup>th</sup>. Darrel Alpert brought up the low number of pilots participating as of late. Ideas to increase interest in Combat flying were discussed by the Board Members. This topic will be discussed at the General Membership Meeting.

**Field Marker Flags:**

The orange field marker flags need to be replaced. Tom Minegar has helped with replacing these in years past. Bill indicated he would contacting Tom to discuss the problem with him.

**Noise issues:**

Bill has received a call from a resident across the freeway from the flying field again. It seems as though someone is continuing to fly late into the evening before sunset and disturbing our neighbors. Bill will follow up on this to identify the persons creating the issue and speak with them regarding the hours of field use.

**Multi Rotor Fun Fly:**

A "Multi Rotor Fun-fly" is being planned for March of 2013. Scott Dedic is in contact with Lucien Miller and Tom Atwood who are promoting the Fun-fly. Registrations will be handled at the event itself. There will not be a web link set up. This "first ever" event will be a trial of sorts to help shape future planning.

**Spotters for pilots:**

A discussion took place regarding spotters for pilots. In some situations a spotter can prevent a potential problem when multiple pilots are in the air at the same time. This topic will be discussed at the September General Membership meeting.

**Club Elections:**

**Nominations for Club Officers will take place at the September Membership Meeting.**

**Meeting Presentation:**

**Ron Schuyler has offered to give a presentation covering “smoke installation” at the next General Membership meeting.**

**Adjourn:**

**The Meeting was adjourned at 8:26 pm.**



John Cutler and his magnificent *Model of the Month*, scratch-built, Baby Bowlus on July 28, 2012 @ Camp Horno.  
Joe Buko photos



## LUDWIG PRANDTL Father of Aerodynamics



Born Freising, Germany, February 4, 1875. He was an engineer by training who was endowed with rare vision for understanding physical phenomena and unusual ability to put them into relatively simple mathematical form. In 1901 he became Professor of Mechanics at University of Hanover. He later established a school of aerodynamics and hydrodynamics at University of Gottingen that achieved world renown.

He discovered the boundary layer in 1904 with work in wing theory that lead to understanding skin friction and drag. He later contributed in describing the compressibility effects of air at high speeds and made advances in important theories for supersonic flow and turbulence.

He is considered the father of aerodynamic theory for there is hardly a part of it to which he did not contribute. Died Gottingen, Germany, August 15, 1953.



**Elected to the International Aerospace Hall of Fame  
1992**



**The Dawn Patrol**

Joe Buko photos



Mother Nature's airplanes

DARRELL	ALBERT	125.00
ALFONSO G.	ALVAREZ	125.00
DENVER P.	BATES	125.00
ARNON	BROUNER	125.00
SCOTT R.	DEDIC	125.00
DAVID	DROWNS	125.00
KEVIN	GEISS	125.00
BILL	HILL	125.00
BARRY	HIRSCHBERG	125.00
LARRY	HUFFORD	125.00
GARY S	KAPLAN	125.00
VARLEY	LONGSON	125.00
CHARLES	MICHELI	125.00
DENNIS P	NEWBECK	125.00
GLENN	POHLY	125.00
MICHAEL	RAPP	125.00
RONALD	SCHUYLER	125.00
DAVID	TRUAX	125.00
DON	WADLINGTON	125.00
W. ALAN	WOLSTENHOLME	125.00
BRIAN	JUAREZ	120.00
GEORGE	DAWE	110.00
TIM	HITCHCOCK	110.00
JOHN D	McLEAN	110.00
TODD	MELTON	110.00
BUTCH	ABONGAN	100.00
BOB	BARRIE	100.00
MANFRED J	MUREK	100.00
EDWARD B.	RAMSEY	100.00
ALEX T.	RAPP	100.00
CRIS D	SALANGA	100.00
SCOTT	PAGE	90.00
BOB	WARNER	90.00
SCOTT	HOLMES	70.00
RAY	NEMOVI	70.00
G JOSEPH	VILLARREAL	70.00
TIM	WALDON	70.00
DONALD L	WHITE	70.00
PANCHO	CASTILLO	60.00
ROBERT R.	FRAZIER	60.00
PETE	GOULDING	60.00
JOHN D.	HARTSELL	60.00
SEAN	MELTON	60.00
JOHN	SHIRK	60.00
VIRGIL	BENTON	50.00
WILLIAM	BENTON	50.00
ELLIS	CHEE	50.00
ROGER A.	COSIO	50.00
VICTOR	LANZ	50.00
JACK L	McDANIEL	50.00
TIMOTHY	WESSELMAN	50.00
FOREST PAUL	SALANGA	40.00
ROBERT	BROUGHTON	30.00
JOHN	CLARK	30.00
TOM	MINEGAR	30.00
FRANK	BURKE	20.00
ROGER D	COSIO	10.00
ERNEST	EMERY	10.00

## Palomar Dollars as of 8/30/2012

**Varley Longson is the keeper of these Statistics. If you do not see your efforts credited, kindly contact Varley.**

## Club Directory

### ***CLUB OFFICERS***

PRESIDENT	Bill Hill	760-738-0644
VICE PRESIDENT	David Truax	760-747-3485
SECRETARY	Don Wadlington	619-992-2940
TREASURER	Varley Longson	760-723-1335
BD MEMBER	Denver Bates	760-728-2880
BD MEMBER	Scott Dedic	858-674-4624
BD MEMBER	David Drowns	760-740-1715
BD MEMBER	Charles Micheli	760-489-5615
BD MEMBER	Darrel Albert	760-741-2505
BD MEMBER	Ron Schuyler	760-940-0408
BD MEMBER	Alan Wolstenholme	760-749-9259

### ***CLUB OPERATIONS***

#### Membership

Glenn Pohly	858-414-9749
Varley Longson	760-723-1335

Advertising	Bill Hill	760-738-0644
Newsletter Editor	Joe Buko	760-726-8831
WebMaster	Barry Hirschberg	760-635-0025

### ***SPECIAL INTEREST GROUPS***

RC Combat Chairman	Darrell Albert	760-741-2505
Helicopter Chairman	Scott Dedic	858-674-4624

### ***LOST AND FOUND***

Vacant	760-727-4574
--------	--------------

### ***HEAD INSTRUCTOR***

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

### ***SAFETY COORDINATOR***

Todd Melton	760-305-8983
-------------	--------------

### ***INSTRUCTOR LIST***

Arnon Bourner	Basic Flight	858-385-0807
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:**

**PALOMAR RC FLYERS, Inc.  
P.O. BOX 141  
SAN MARCOS, CA 92079**

Fax :909-679-7465

E-MAIL: [info@palomarrcflyers.org](mailto:info@palomarrcflyers.org)

Catch us on the web at: [www.palomarrcflyers.org](http://www.palomarrcflyers.org)

# Palomar Flyers Combat

<http://members.cox.net/pfcombat>



## Servowires.com

High Quality Servo Extensions at Inexpensive Prices

Standard Duty Extensions  
Heavy Duty Extensions  
Twisted Extensions  
Y Connectors  
Servo/Battery Leads  
Bulk Wire  
Custom Extensions



- Our servo extensions feature **Futaba Female Connectors** that will accept Hitec, Futaba J, JR, Airtronics Z, etc. servos and extensions.
- The **Male Universal Connector** will connect to all modern receivers.
- **Gold Plated** Connectors on both male and female ends.
- Any length available from 4" to 48".
- Prices start at \$2.95.
- **FREE** shipping to all USA addresses.
- Palomar RC Members receive a 10% discount.

Web: [www.Servowires.com](http://www.Servowires.com)  
E-mail: [Sales@Servowires.com](mailto:Sales@Servowires.com)



## Expert Radiator & Air Conditioning Complete Auto Repair

Darrin Albert

Sales, Service & Parts for  
Cars, Motorcycles, Light & Heavy Duty Trucks

426 Venture St., Escondido, CA 92029 • 760.489.0151

# For The Best in

401 K Plans

Mutual Funds

Retirement

Investments

Long Term  
Care

Insurance

Call  
Tom Minegar  
800-585-0035

"Thou shalt not fly over the jungle"

at Low altitude  
J.B.  
XI COMMANDMENT



## COMPLETE MACHINE SHOP & AUTO PARTS

**Cylinder Head Specialist**

**Line Boring**

**Nine's Computerized Engine Balancing**

**Cylinder Boring**

**Flywheel Grinding**

**Drum Turning**

**Rotor turning**

**Crank Kits**

**Engine Kits**

**Wet Magnafluxing**

**Complete Engine Rebuilding**

### **FOREIGN & DOMESTIC AUTO PARTS**

*Family Owned & Operated  
34 years experience*

Complete line of Foreign & Domestic Auto Parts at Competitive Prices



Monday-Friday 8 am to 6 pm  
Saturday 8 am to 4 pm



#### **Palomar RC Flyers**

*Pay the same price that your mechanic or repair shop does when you present your club card at the time of purchase.*

**760 - 746-6110**

**1960 W. MISSION ROAD - SUITE 1-5 - ESCONDIDO**  
(Just East of Nordahl)





**President Bill Hill**



**Vice President David Truax**

**2012  
CLUB OFFICERS**



**Treasurer/Chairman  
Varley Longson**



**Secretary Don Wadling-**

**Club Board Members**



**Alan W. Wolstenholme**



**Charles Micheli**



**Scott Dedic**



**Darrell Albert**



**Denver Bates**



**Ron Schuyler**



**David Drown**



# CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

SEPT.  
2012

**PRO-PEAK**

## Sigma EQ Mini

AC/DC Charger  
(LiPo, FE, NiMH, Pb)



Perfect for  
field or  
home use!



*Versatile!*

Supplied  
with a multi-  
plug style  
balancing  
adapter  
board.



*Small!*

*Lightweight!*

At a Hobby  
People store  
near you

No. 158398  
List \$83.30

Now Only **49<sup>99</sup>**

**BACK IN STOCK!**

**FLY FLY**

Electric Ducted Fan  
Jet ARF Models



Many are here already with more on  
the way during September.  
Stop on by and check them all out!

### Hobby People CLUB COUPON

**FREE!**

**No Purchase Necessary**

From Us To You, Just Because  
You Are a Club Member!



Heavy Duty Servo Extension  
4in (100mm) For JR,  
Airtronics, and Hitec

No. 443910, Regularly **\$3.99**

**No  
Obligation,  
Just Visit a HP  
Store!**

While Supplies Last. Offer Expires Sept. 30, 2012. Limit 1 per coupon, per club member.

- To be on our mailing list, please fill out the form below.
- I am already on your mailing list. You have my information.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

All information will be held strictly confidential.  
We will not sell or share this information outside Hobby People.

Find A Store: 1-866-HOBBY4U

hobbypeople.net

