



Palomar RC Flyers

Transmitter



Build & Fly

June 2013

President's Column

The Palomar RC Flyers hosted the San Diego Heli fun fly this Memorial Day weekend. The event was the culmination of about three months of planning and promoting by our heli chairman Scott Dedic and it turned out to be a great success. Sixty-two pilots registered to fly during the three days and their feedback was very positive; plenty of flying, good weather, good food, just lots of fun. Thanks Scott for a great job!

There are many club members who helped make this a success. Registration was handled by George Dawe, Patrick Pratica, and Don Wadlington. These guys have got this down, and registration runs like clockwork. Don even handles shirt sales and raffle ticket sales as the finishing touch. Cooking was handled by Joe Villarreal, Ron Schuyler, Bob Fraser, with Roger Cosio and Ellis Chee lending a hand. Barbra Villarreal was there to lend a hand; always helps to have the famine touch, thanks Barb. Setup on Thursday morning went very smoothly with quite a few members showing up to help. We were finished around noon and Bob Fraser threw on some hot dogs for lunch. I have to compliment new member John Crayton for his help, John just joined the club at the meeting the week before! Way to go John! Tear down on Sunday got underway with Jim Jenkins jumping in and before long with the help of some of the club's heli pilots the canopy was down and put away. I want to thank everyone who helped out this weekend, the team work made everything run very smoothly. A special thanks out to Dave Cleland, Scott Page, Joe Villarral, and Jim Jenkins for putting in the extra time and effort.

Looking forward we'll be hosting some Cub Scouts at the field on Sunday morning June 9th. Arnon Bruner is the coordinator for this scout visit and the field will not be closed as we would like to expose the scouts to a normal day of flying so they can see what RC modeling is all about. We'll have some trainers out for the scouts to get some hands on flying with our instructors. I'll bring the Hot Dogs. If you'd like to help out contact Arnon, his contact information is posted in the transmitter in the instructor list.

Saturday June 22nd the field will be closed for our second combat event of the year. This is a great way to earn Palomar dollars and have a great time doing it! There's always a need for judges at these events and judging is a fun way to see and understand the event. If you've never done it I urge you to give it a try. You can sign up at the event; just see Fred Eivaz our combat chairman.

How about a club night fly? With new products on the market it seems easier to set up for night flying. The rule is that the craft needs to be illuminated so that the pilot will not lose orientation. Stay tuned for further developments.



Editor's Corner:

All photos are taken by your editor unless otherwise noted.

2

As Heard at the Field

“As a rule, I don’t drink, but as a habit, I do.”

Bob Broughton

“I can’t fly anymore, but I don’t let that stop me.”

Richard Mack

Patrick Pranica hurt his back while working on a B-17 restoration @ Boeing. He said to Joe Villarreal, “I hurt my back working on a B-17.” Joe’s smart-aleck remark: “I didn’t know you were that old!”

While we erected the shade structure for the Heli-Fun Fly, Joe Villarreal said, “While putting up a tent in the desert, you have to work fast because the beer’s getting warm.” Patrick’s smart-aleck remark: “Warm beer is not a problem!”

On Friday, the opening day of the Heli-Fun Fly, as I was leaving the field, I said, “I’ll be back tomorrow.” Smart aleck Gary Kaplan remarked, “Don’t threaten me!”

On Friday, May 24th about 11 am, a strong dust-devil swirled through our field and picked up, among other items, a large, black trash bag which it flew OOS to which someone remarked, “See, if you fly here (referring to the trash bag now at 500 feet altitude) you have to have your name on it.” The dust-devil bent Bill Hill’s brand new shade awning. Here’s a photo of the bag @ 600 feet! It looks more like a Rorschach Ink Blot. With some regularity, strong dust-devils hit the field and when it hits a plane, it could lift and tumble it to pieces!



Joe Buko Editor

2



Dave Litaker and James D'Elisio own this 42% scale Ultimate Bipe. They maiden it most successfully on May 2, 2013. This aerobatic plane is worth \$7,500! That's a \$180. prop! That's a lot of plane. James attended the Joe Nall event at Triple Tree Aerodrome in South Carolina.





The engine is 170cc and makes for vertical flight. It is VERY quiet with those tuned pipes. I retouched the middle photo: notice that the exhaust pipes are gone along with the aileron servo arms. Looks totally scale!



Raymond Fischer, Tom Johnston, Pres. Bill Hill, V.P. “The Boeing Guy”, James Gallacher, Greg Wilson



Roger Cosio, the club bloodhound, braved the jungle to successfully find Gary Kaplan's plane. Look at that compass!

James D'Elisio photo

May 16, 2013 Club Meeting Highlights



Treasurer Sean O'Connor President Bill Hill V.P. Patrick Pranic (The Boeing Guy) Secretary Don Wadlington



Charles and Melody Micheli prepare the coffee and cakes for us during our monthly club meeting. Thanks so much for all you do so quietly. We appreciate you both.



Bob Barrie spoke briefly about the Poway Skimmers and invited us to come fly with them. They supply the Lake and a boat to retrieve floatplanes that get into difficulty.



Barry Hirschberg is our web-master who posts the Transmitter each month. Thanks so much for all you do for us.

HANTAVIRUS PULMONARY SYNDROME

History / Investigations

- ▶ Researchers knew that all other known hantaviruses were transmitted to people by rodents, such as mice and rats.
- ▶ Among rodents trapped, the deer mouse was found to be the main host to a previously unknown type of hantavirus.
- ▶ Since the deer mouse often lives near people in rural and semi-rural areas—in barns and outbuildings, woodpiles, and inside people's homes—researchers suspected that the deer mouse might be transmitting the virus to humans.

Safety Coordinator James Jenkins made another fine presentation— this time on the Huntavirus.



RQ-4 Global Hawk Information Briefing

Bren O'Malley
RQ-4 Field Service Engineer



Brendan O'Malley, an aeronautical engineer, gave a presentation on the Global Hawk. He works for Northrop Grumman as the Operations Lead and helps fix the drones after they are bent. The Hawk costs \$42 million and not a few have been lost.



Model of the Month went to USAF Col. Robert Broughton (Ret) for his B-1 static display model and the C-54.





Secretary Don L. Juan and Board Member Joseph Villarreal hand out the \$50 door prize tickets before the meeting.



Dale Hagerty won the \$50 door prize!

The Poway Skimmers fly @ Lake Poway, California. L to R: Ron Stark, Bob Barrie, Ron Stoddart. Ron Stoddart and Bob are also members of our Palomar Club.



Ron Stoddart helped the other Ron to launch his Sea Monster. The Park lends the flyers this boat in case a plane needs to be rescued.



12 Bob Sentyrz' Beaver on floats May 20, 2013



Ron Stark walks back after a successful flight over the calm lake. This is a premier place to fly and it is open to the Poway Skimmers for their exclusive use on Monday afternoons! A huge damn is visible on the upper left.



Bob Barrie and Terry Thomann who flies a Sea Wind. May 20, 2013 @ beautiful Lake Poway.

Bob Sentyrz is a member of both clubs. He has flown the Beaver at our field with conventional landing gear. It flies equally well on those foam floats.





Charlie Wajdak has a new Pulse XT-60 ARF by Hangar 9. It is powered by a Saito 91 four-stroke glow engine with a 14 x 8 prop. The wingspan is 70 in. and the wing area is 885 sq. in. and weighs about 8 lbs. He is pointing to his wife's name on the wing where he placed a red heart for her. Kay is seated behind his arm at the fence where she watched the successful maiden flight.



Dave Truax was out for a warm day of flying with his Extra Profile ARF by Thunder Tiger. It has an OS-46 glow engine with a 12.25 x 3.75 prop. The wingspan is 48 in.



John Cutler has a new Extra 300 ARF from Extreme Flight with a 91 in. wingspan. It is powered by a DLE-55cc gas engine with a Vess 23B prop. It has Hitec high voltage servos with lipo batteries and is flown with a JR-9503 radio.



Frank Burke is flying this FW-190 Focke-Wulf ARF from KMP. It has a wingspan of 71 in. with a 43 oz. wing loading. It is powered by a Saito 180 glow engine with a 16 x 8 APC prop. It has Sierra retracts and weighs 16 lbs. 3 oz. Frank also flew a maiden flight with this new Zero ARF from CMP. It is powered by a DLE-55cc gas engine with rear exhaust running a 3-blade Biela 20 x 10 prop. The wingspan is 83 in. with a 46.5 oz. wing loading. It has Robart retracts and weighs 24 lbs. 15 ozs.



Jeff Lastofka was out flying this Extra 260 1/4 scale Hyperion ARF with its electric motor. The wingspan is 73 in., with 2.5 kilowatts, and weighs 10 lbs

All photos in this section were taken by Ethel Burke.



Michael Laughbaum brought out several of his all-electric planes. He has an Ultra Stick E-flite 450 with lipo 1300--2200 batteries and added custom tail wheel; next is a Traveler from Dymond Hobbies that was custom made by Helmut; and also an Extra 300 aerobatic orange foamy from Park Zone. He also flew a Radian Pro glider from Park Zone (which I couldn't squeeze into shot).



"Welcome back" to Steve Nelson, former member, who is shown here with his Extra 300 from Extreme Flight. It is being flown with a Steve Neu electric motor 1521--1.5Y and a 21 x 12 wide APC prop. It has a 12 cell lipo battery 4000 mAh. The wingspan is 78 in. and his radio is a JR -12X.



Scott Dedic flew his excellent quadra copter on May 23, 2013 with VP Patrick Pranica at his side.

Below Treasurer Sean O'Connor flew his new plane that looks like a control-liner. Those large control surfaces make it highly maneuverable.



New club member John Crayton and treasurer Sean O'Connor helped to erect the shade structure on 5/23/2013.



The work crew that erected the shade structure to prepare for the 2013 Heli-Fun-Fly.



Board member Joe Villarreal's Travel-Air Mystery Ship coming in for a landing looks terrific.



Scott Page looks on as Joe Villarreal prepares his Mystery Ship. Scott's father, a fighter pilot, was the founder of the old Bonsall Club. Alas, the field is gone and has been paved over with Highway 76. Scott was one of the very first to fly at that field some decades ago!



When Joe Villarreal touched down for a landing, the front part of the fuselage separated! I happened to catch this very rare event the moment it was happening! Joe has since fixed it and the plane is flying again. The photo is not quite in focus.

May 24-26, 2013 San Diego Heli Fun



V.P. Patrick Pratica and President emeritus George Dawe were in charge of registration. They spent Friday and Saturday patiently registering the 62 pilots who showed up. Thanks for being so generous with your time.



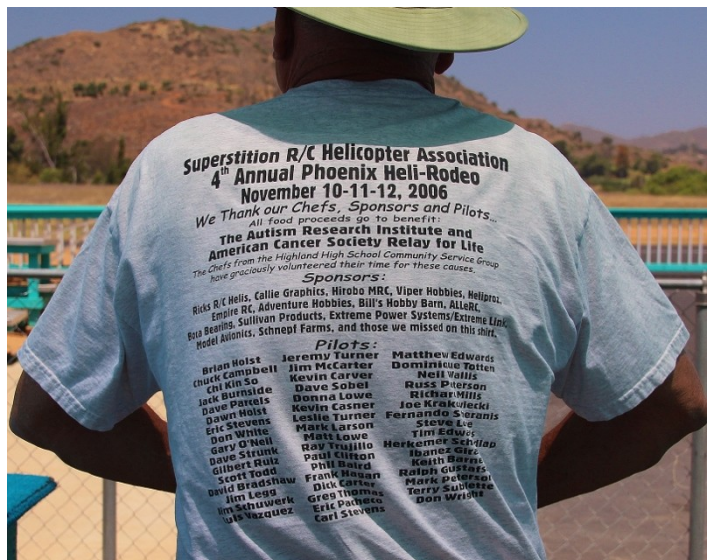
Long sleeve T-shirts were available to mark the event.

Folks came from all over. We even had someone from Florida on his beautiful Harley.



Don White flew his colorful T Rex 600

To the right is Don White's T-shirt from a past heli-event. His name is last on the list. If you enlarge the photo, you can read the names.





Scott Dedic is the man who is most responsible for organizing the Heli-Fun Fly. It took him many months of hard work to promote this event. Scott spent so many hours being of service to us that he couldn't keep track of it all. We as a club owe Scott many thanks for his selflessness and deep generosity. Scott, you are one of the giants of our club and we appreciate you. Thank you Thank you Thank you!



22 Mario and Joan Gonzalez from San Juan Capistrano enjoyed watching the helis fly on Friday.

Brent Hunter from Orange County, CA flies awesomely!



Darrell Morales owns these HOT sunglasses and his friend, Joshua Faneuff, came down from Ontario, CA.



**Joshua
Faneuff**

Darrell Morales



**This pilot was fling a micro-copter
next to his truck and R.V.**





The Ronny and Veronica Adams family with Barbara Villarreal enjoyed the heli flying.



Cane is Able!

Raising Cain! Hey Tom, what's your "BAD-ING" average.





Brian Simeoni from San Pedro is a member of the Carson Flying Club and wrung out his chopper.



Shane Brown from El Centro flew his quadra copter.



“Quasi club member” Les Crook of Temecula, Tim Hitchcock and Richard Martin attended on Saturday.



Don Corum flew this 815 mm heli. He's from San Diego and belongs to 3 clubs, one of which is the Chula Vista Chollas.



A raffle table



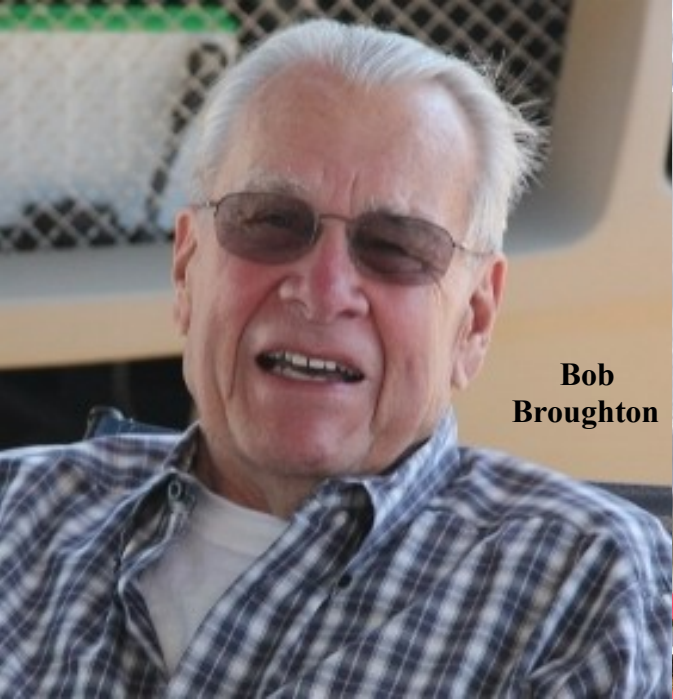
Inside the kitchen tent with cooks Ron and Ellis Chee and Chief Steward, Joe Villarreal in the T-shirt tux.





President Bill Hill worked tirelessly to make the Heli-Fun Fly happen. His wife, Ellie, cooked the great food we enjoyed on Saturday evening. It takes much time and dedication to make these events happen. Bill worked from Thursday to Sunday and beyond to put this day together with Scott Dedic. Our great thanks goes to both of you men who are truly quite extraordinary! We appreciate you!

Ray Nemovi, our club's professional flyer



Bob Broughton



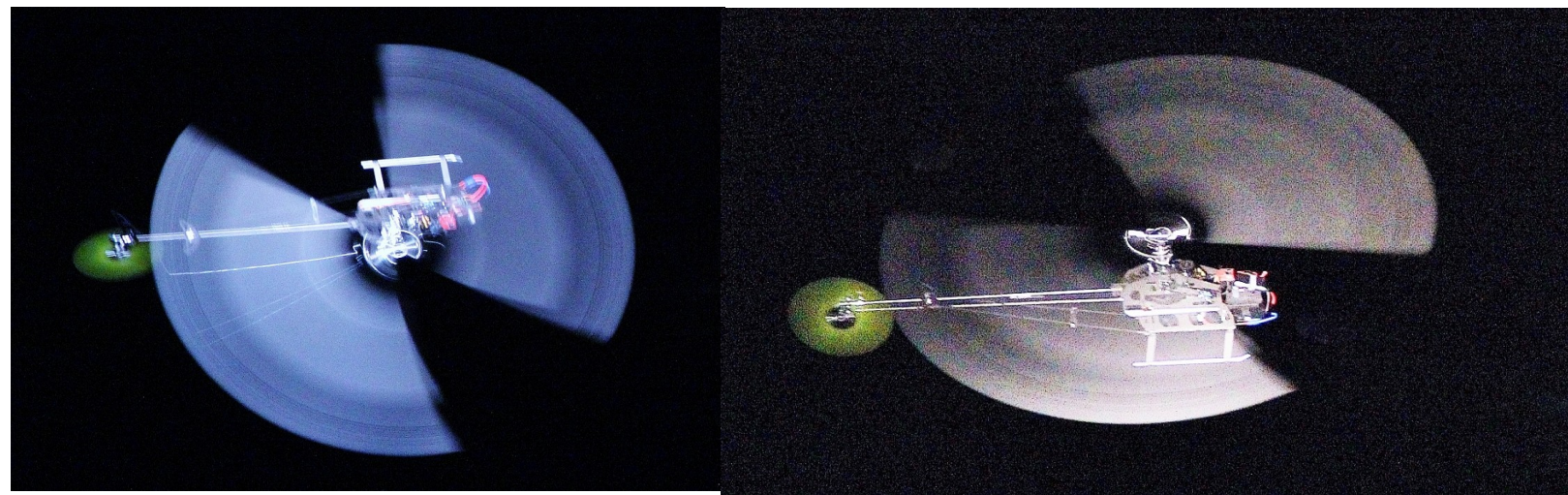


Joe & Barb Villarreal work each day on the food. You folks are so very generous! Thank you!

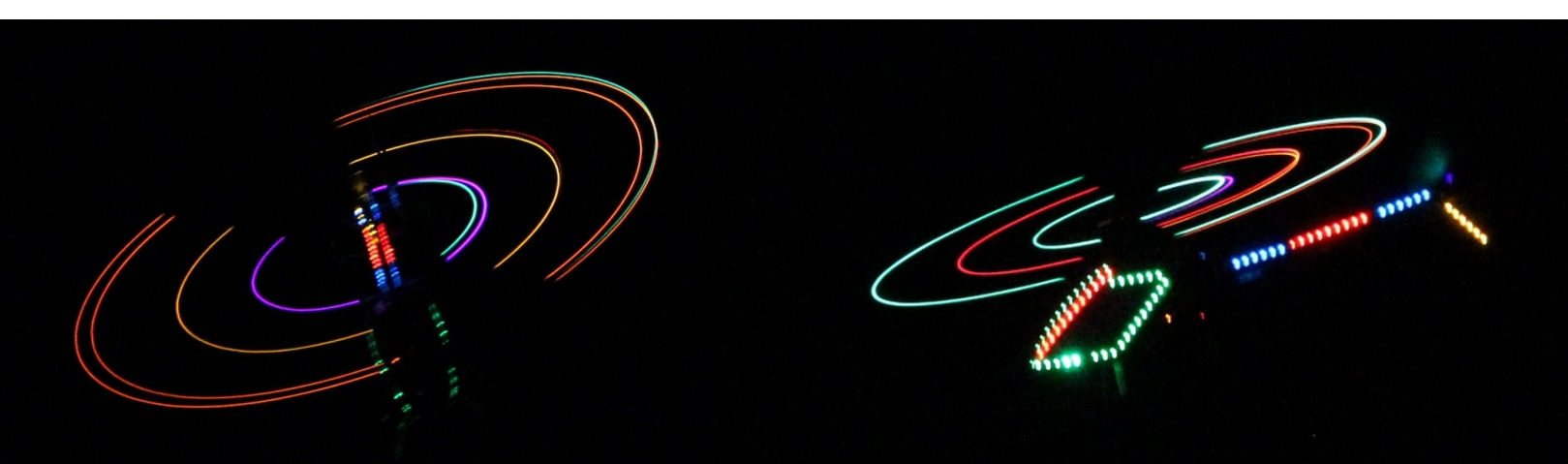




Alfonso Alvarez flew his copter so well, it truly looked full scale. It was a favorite with many folks.



On Saturday night, Tim Jones put on a spectacular demo which was lit by two large search lights. Very impressive!



Two views of the same heli show the deep color of the lights. It was difficult to capture this quick moving heli.



A shadowy heli @ the field during the Fun Fly.



**Your editor– photo taken by
Joe Villarreal
Who is holding his Mystery Ship**



Call to Order:

The meeting was called to order at 7:12 pm, by Bill Hill.

Welcome Visitors and Guests;

Three guests were at the meeting. They are, John Buckley, Jerry Diddings and John Crayton. They were all welcomed with a round of applause by the members.

Motion:

A motion to waive reading the minutes from the last meeting was called for. A second was then made. The minutes will be accepted into record as published in the Transmitter news letter.

Financial Report:

The Treasurer gave his report to the members. Sean stated that our bank balance was currently, \$40,237. This amount reflects income of \$690 dollars and expenditures of \$1,432 for the month.

Old Business:

Bill reminded the members, the San Diego Heli Fun-fly will be held May 24th, 25th and 26th. Setup starts Thursday and help will be needed at the field to set up tents and tables. Come out if you can to lend a hand.

The first Combat Event was held April 20th. Participation was a little light, but overall the event went very well. Fed Eviaz was event CD and did an outstanding job. The next Combat date is June 22nd.

The annual Fallbrook Air Show took place on April 21st. Many turned out for a beautiful day at the Fallbrook Air Field. Glenn Pohly was in charge of planning the event for the Club. A static display of models along with open flying entertained the spectators.

Bob Berrie invited members to stop by Poway Lake on Monday afternoons to enjoy some flying "off the water". The Lake Poway Skimmers fly glow and electric powered models each Monday at the lake. Membership is \$20 dollars a year to join the club. Bob encouraged everyone to come out and have some fun.

New Business:

The Club will be hosting a group of about six Cub Scouts at Johnson Field Sunday, June 9th. Arnon Brouner has arranged for the Scouts to come out and experience RC flying first hand. A barbeque lunch will be provided for those who attend. Come out and join the fun.

Member Recognition: Outstanding Contributions or Achievements.

The Club Members thanked Barry Hirschberg for his continuing dedication as webmaster of our monthly news letter. Glenn Pohly and Fred Eviaz also were given a big "thank you", for working on planning the recent combat event and Fallbrook air Show. The Club benefits from all your extra effort. Thank you !

Best Practices / Safety:

Jim Jenkins gave an in-depth presentation to the Club members on the topic of Hanta Virus. This virus is present in our mouse population at the flying field. Jim described the steps that should be taken to keep the virus from spreading to humans. Having this knowledge can keep us all safe and healthy.

Guest Speakers / Presentations:

Following the break, the members were treated to a power point presentation on the Global Hawk Drone Program by guest speaker, Bren O'Malley. Bren's knowledge and experience in the drone program made for an extremely interesting and informative lecture. Many questions were asked at the conclusion of Bren's presentation, indicating the enjoyment by Club members present.

Model of the Month:

This month's entry was by Bob Broughton. Bob displayed a static model of the B-1 bomber. Bob's B-1 was highly detailed example of the aircraft. Bob imparted his extensive knowledge of the B-1 to the group, and was awarded this month's plaque.

35

Door Prize / Adjournment:

This month's \$50 door prize was won by, Dale Hagerty. Congratulations, Dale.

The meeting was adjourned at 8:56 pm.

Don Wadlington, Club Secretary.

On May 28th, Pancho Castillo flew his electric Messerschmitt ME-109. It is terrific in the air! Look at that ultra clean profile; it looks scale, doesn't it? Good goin'!



The meeting was called to order at 7:00 pm, by the Club President.

Sean O'Connor gave the Treasurer's Report. Sean indicated that our current bank balance is, \$41,767.66. Income from the recent Heli Fun-fly will be around \$1,370.66.

1. Scott Dedic gave a recap of the SD Heli Fun-fly to the Board.

"Setup took place on Thursday. Pilots began to arrive on Friday morning. There were about 25 registrations by the end of the day. The cooking crew did a fantastic job serving hamburgers and hot dogs for lunch. Pilots enjoyed great weather throughout the entire weekend. Friday night's menu was barbeque chicken. By Saturday morning the camping area was almost filled and more pilots were anxious to register and get in the air. There was open flying most of the day. Flight demos were held around lunch time. Competition events, such as "drag racing" and "auto rotation spot landings" were held during the day as well. By afternoon the number of registered pilots had grown to 62. Joe Villarreal prepared a great roast beef dinner Saturday evening by slow cooking the beef all day in his smoker. The pilot's raffle was held at 5:00 pm on Saturday. Some great prizes were given away. Night flying was the main event Saturday evening. This is always a crowd pleaser. Sunday morning continued with more open flying as people began to depart. The comments posted on-line have all been positive. Everyone seemed to have a good time."

2. Bill reminded the Board, we will be hosting about 6 or 8 Cub Scouts at the fixed wing field on June 9th. They will be able to fly with an instructor on a buddy cord. We will be providing a hot dog lunch for them as well. The hours are 9:00 till noon.

3. The Board discussed awarding Palomar Dollars for the SDHFF. Special recognition for the volunteers who went "above and beyond" helping with the event was also a topic. This will be discussed again at a later meeting.

4. Bill indicated, all combat event sanctions have been submitted for the year. The next Combat date is, June 22nd.

5. Bill informed the Board, he will be on vacation from the last week in June until July 13th. The Vice President will chair the July Board Meeting, and be in charge of preparations for the July 4th picnic.

6. Sean O'Connor updated the Board on revisions to the Club Membership Application. The modifications suggested will shorten the document to one page from two. The changes will be voted on at the next Board Meeting.

7. George Dawe and Bill Hill have suggested that a club "night-fly and barbeque" be planned this summer. Everyone was in favor of the idea and Bill will ask George to present the idea to the members at the June general meeting. A tentative date is Saturday, September 21st.

8. A discussion took place on the topic of changing to a bi-monthly membership meeting rather than each month. Everyone expressed their thoughts on the subject. The cost of renting the Joslyn Center was also included in the debate. The Board concluded that continuing the monthly meeting would best serve the Club members and no changes will be made to the current schedule.

9. The Board is considering purchasing a projector for Club use. Currently the projector is borrowed for each meeting. This arrangement is a bit problematic in that we don't always know whether it will be available when we need it. Plus the added inconvenience of pickup and return. A projector has been a great tool when making Club presentations in the past and would be a valuable asset to the Club. Sean will research the best way to acquire a projector, new or refurbished, and report to the Board at a future meeting.

10. A discussion took place regarding the canopies we use for special events at the flying field. They require a lot of labor to erect and take down. A question arose whether it might not be advantageous to use "easy-ups" in place of them. After listening to the pros and cons on the subject, the Board has decided to continue with the canopies we now use.

The meeting was adjourned at 8:59 pm.

*Don Wadlington
Secretary*



A parting shot from my garden.



High Quality Servo Extensions, Adaptors, Harnesses and More . . . All at Inexpensive Prices

Heavy Duty Extensions
LiteWire Extensions
Y Connectors
Twisted Extensions
Custom Extensions
Charge Leads
Servo/Battery Leads
Connectors
Bulk Wire
Deans, EC3, XT60, TRX,
Tamiya, JST Adaptors

Sales@Servowires.com
760.666.2738

Servowires.com has the **largest selection of servo extensions and leads** on the Internet. Our RC Battery Connectors section has **every type of battery connector and adaptor** that you need. Our custom section lets you create virtually any combination you can dream up.

FREE shipping is available to any USA address.
Money-back guarantee on all products!

Use Coupon Code "PalomarRC" to receive a 10% discount.

www.Servowires.com

**Palomar
Flyers
Combat**

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



**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



COMPLETE MACHINE SHOP & AUTO PARTS

Cylinder Head Specialist

Line Boring

Hine'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

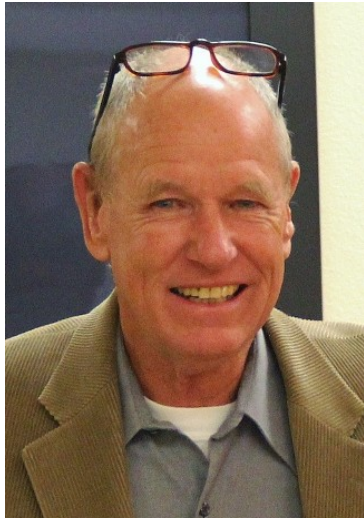
Pay the same price that your mechanic or repair shop does when you present your club card at the time of purchase.

760 - 746-6110

1960 W. MISSION ROAD - SUITE 1-5 - ESCONDIDO

(Just East of Nordahl)

2013 CLUB OFFICERS



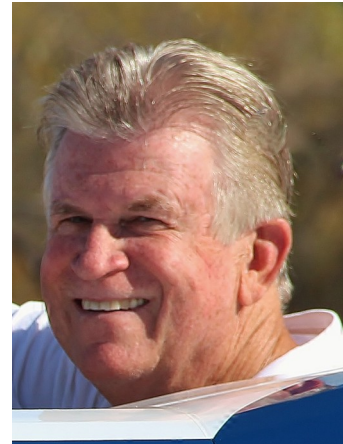
President Bill Hill



Vice President Patrick Pranca



**Glenn Pohly
Membership Chairman**

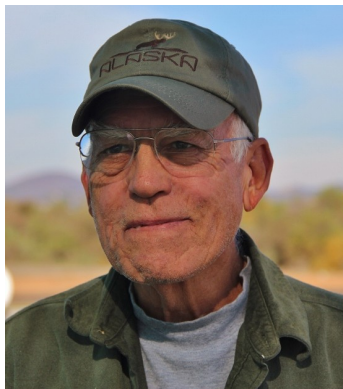


Secretary Don Wadlington



**Treasurer
Sean O'Connor**

Club Board Members



Roger Cosio



Joseph Villarreal



Scott Dedic



Denver Bates



Ron Schuyler



David Drowns

Club Directory

CLUB OFFICERS

PRESIDENT	Bill Hill	760-738-0644
VICE PRESIDENT	Patrick Pranica	442-333-9024
SECRETARY	Don Wadlington	619-992-2940
TREASURER	Sean O'Connor	858-485-0750
MEMBERSHIP CHAIR	Glenn Pohly	858-414-9749
BD MEMBER	Denver Bates	760-728-2880
BD MEMBER	Scott Dedic	858-674-4624
BD MEMBER	David Drowns	760-740-1715
BD MEMBER	Roger D. Cosio	760-724-4926
BD MEMBER	Joseph Villarreal	760-749-7029
BD MEMBER	Ron Schuyler	760-940-0408

CLUB OPERATIONS

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		
Helicopter Chairman	Scott Dedic	858-674-4624

HEAD INSTRUCTOR

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

SAFETY COORDINATOR

James Jenkins	760-910-4141
----------------------	---------------------

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

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



CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

**June
2013**

HP HELI'S
RTF MULTI ROTOR
R/C HELICOPTER

QUAD

It's Bigger.
It's Better!

FLIPS IN ANY
DIRECTION

SIX AXIS
STABILIZATION



Fly outdoors!
Fly indoors!



Fly at night!
QUAD has
LED lights!

**ANYONE
CAN FLY A QUAD!**

Blade Diameter: 5.3in
Airframe Dia.: 11.25in
Flying Weight: 3.5oz

Specifications:

- 3.7v Li-Po Battery (Rechargeable)
- Flying Time: Approximately 7 Minutes
- Charge Time: Approximately 120 Minutes
- Battery is Removable and Extra Batteries are Available
- Blade Diameter: 5.3 Inches
- Quad Frame Span: 11.25 Inches
- Flying Weight: 3.5 ounces
- Requires 4 AA batteries

**NEW!
QUAD HAS JUST
ARRIVED!**

Shoots **640x480** standard definition motion picture, and **1280 x 960px** (96dpi) still images which are saved on a 1 GB Micro SD memory card! Use the included USB cable or transfer the Micro SD card to your PC or Mac.

Quad is available with digital camera!



2.4GHz Radio System



Li-Po Battery



Li-Po Charger



4 Powerful Motors



Extra Blades

QUAD Without Camera No. 163142, List \$140.00 Only 89⁹⁹	QUAD With Camera No. 163144, List \$178.60 Only 119⁹⁹
--	--

Hobby People CLUB COUPONS

**LOWEST
PRICE IN
AMERICA!**

Meter-Long Heat Shrink Tubing Sale!

- No. 118710 – Heat Shrink 3mm x 1M (1pc Red & 1pc Black), Reg. 3.99
- No. 118711 – Heat Shrink 4mm x 1M (1pc Red & 1pc Black), Reg. 4.49
- No. 118712 – Heat Shrink 5mm x 1M (1pc Red & 1pc Black), Reg. 4.99
- No. 118713 – Heat Shrink 6mm x 1M (1pc Red & 1pc Black), Reg. 5.49

**Your Choice, Only \$1.25ea.
With This Coupon. No Limit.**



**20C Li-Po Battery Pack
11.1V 2200mAh, T-connector**



No. 118160, Regularly \$14.99

This Month, Only \$9.99

June 1 through June 30, 2013 -- Retail store sales only, must present coupon at time of purchase for discount. Cannot be combined with other offers.

Find A Store: 1-866-HOBBY4U

hobbypeople.net

