



# Palomar R/C Flyers, Inc.

# Transmitter

July 2015



AMA Charter 141

## PRESIDENT'S COLUMN



**First, I want to thank Frank & Ethel Burke for donating a new flag for our field. Secondly, thank you Frank Burke for helping me fix the flag pole so we can raise and lower said flag.**

**Don't forget our annual picnic on Fourth of July. Come out and meet some of the people in our club you may not always have a chance to visit with.**

**We have a Multi-Rotor Challenge event tentatively scheduled for September 19<sup>th</sup> and a possibility of CAP squadron on the 12<sup>th</sup> of September.**

**Our combat event scheduled for June 20<sup>th</sup>, unfortunately, had to be cancelled due to lack of minimum number of pilots.**

**At our June general meeting, we had a very nice presentation by Joe Villarreal on soldering technics. Great presentation, I know I learned some new things regarding soldering – thanks Joe.**

**Thank you to Charles & Melody Micheli for doing snacks for our general meetings! And to all of our volunteers – THANK YOU.**

**Fly safely and watch the noise limitations.**

**Varley Longson**

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

# *July 4th Annual Picnic*

**Happy 60th Birthday to our club!**

**On July 4th, we celebrate being a club for 60 years! That is an accomplishment! We are one of the oldest clubs in California and one of the largest too.**

**Come on out to the field– open flying, food is free. (We like free.) Bring a desert if you wish. (Thanks Mrs. Hartsell in advance for your killer brownies!)**

**Lunch begins about 11:30 am.**

# Club Meeting Agenda June 18th, 2015

3

**Call to Order: 7:14 p.m.**

**Welcome visitors and Guest**

N/A

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

**Financial Report: \$ 52,079.01**

## **Club Business**

Don't forget to buy a T-shirt!!

Heli Fun Fly: Thank you again to Scott and all the volunteers!

Great feedback on the forums about the event!

Combat event is cancelled for this weekend and will be open flying on Saturday 6/20.

## **Guest Speakers / Presentations**

Joe Villarreal did a demonstration on soldering; a brief report appears on the next 2 pages.

## **Model of the Month and award:**

Frank Burke – ACE Bingo Model now a Frank Bingo Model. Extended the fuselage by 10” and offset the motor to balance the plane. Cowl is from a Hangar 9 P51 and re-shaped the cowl. 60CC Twin Cylinder DLE. Made the ailerons longer and reshaped the tail feathers. Flies very well.

**Adjourn: 8:12 p.m.**

**Chris Avelino**

**Club Secretary**

# SOLDERING 101

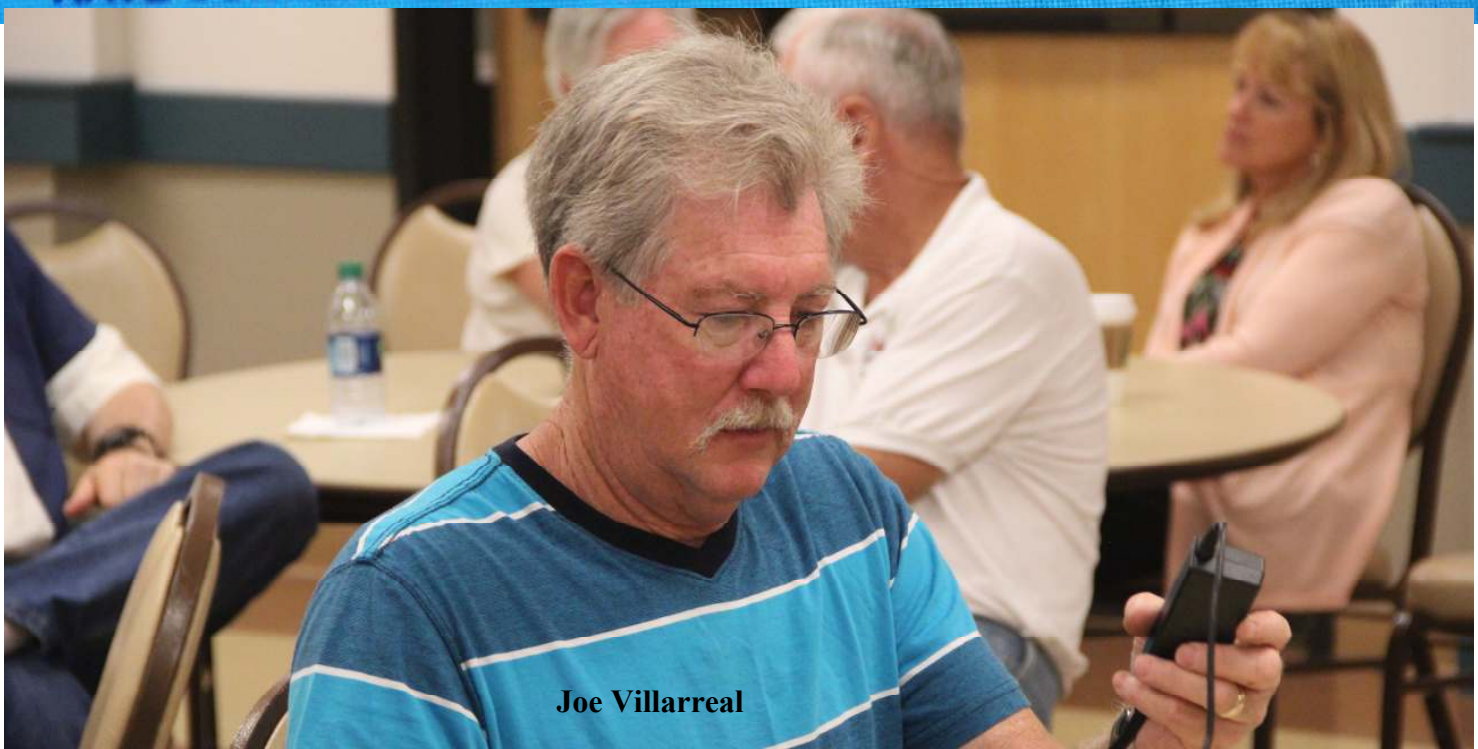
OR HOW TO GET WIRED AND STAY  
CONNECTED WITHOUT SMOKING A JOINT

ITEMS YOU WILL NEED	COST
1. 40 WATT ELECTRIC SOLDERING IRON WITH CHISEL TIP	\$12
2. TIP CLEANER	\$3-\$10
3. 60Sn/40Pb NO CLEAN SOLDER .032-.065 dia.	\$3
4. WET SPONGE	—
5. HOLDING DEVICE	\$10 or less
6. WIRE CUTTER/STRIPPER	\$10 or less
7. HEAT SHRINK TUBING	\$3

# TIPS FOR MAKING GOOD SOLDER JOINTS



1. ALWAYS MAKE SURE YOU USE A GOOD CLEAN TIP ON YOUR SOLDERING IRON. CLEAN IT AFTER EVERY SOLDER JOINT.
2. ALWAYS SECURE YOUR WORK SO IT CAN'T MOVE AROUND.
3. USE SMALL DIAMETER SOLDER...IT MELTS FASTER AND FLOWS EASIER.
4. IF YOUR SOLDER DOESN'T FLOW WITHIN 5-10 SECONDS, YOUR TIP IS NOT CLEAN... CLEAN AND START OVER.
5. DON'T USE "LEAD FREE" SOLDER ON ELECTRICAL CONNECTIONS. SOLDERING PASTE/FLUX IS NOT NECESSARY.
6. GOOD SOLDER JOINTS HAVE A SMOOTH AND SHINY APPEARANCE. IF THEY ARE DULL WITH LUMPS OR SMALL BLACK SPECKS , THEY HAVE CONTAMINATION AND WILL PROBABLY FAIL.



Joe Villarreal

# June 18, 2015 Club Meeting



Treasurer Sean O'Connor    President Varley Longson    Vice President Patrick Pranic    Secretary Chris Avellino



Don White    Don Cleary    David Drowns    Joe    Ernie Emery    Ethel    Alan W. and Tom J.m



Tim and Tita Waldon



**The club has many T-shirts for sale.**



**Model-of-the-Month was won by Master Builder Frank Burke**



# HELICOPTERS AT OUR FIELD







**Gerald Shelden was flying his quadra-copter that appears on the previous page. June 18, 2015**

**James Garabedian**



**Brian Otto (below) and Mike Garabedian**





Haig Garabedian flies his heli; his photo is below to the right.  
Directly below is Loris Koder



**Don Heli White**

**Don Cleary**



**Russell Parks**





## MODEL INSTRUMENT PANELS

Ron Peterka

After showing my scale models in fly-ins, contests, mall displays, and club meetings there is one feature that attracts tremendous attention. That feature is the simulated instrument panel in the cockpit(s). Until you have built one or two they may seem daunting or complicated. If you are starting out with a full cockpit in an F-16, then, it is way complicated. So, start out with a simpler example.

In most scale contests there is not much incentive to present a detailed cockpit because there are no points given especially for cockpit presentation. The recognition is from the craftsmanship judge and casual viewers who can appreciate the work involved. All right, you want to go ahead anyway? The good news is instrument panels rarely weigh enough to affect CG or wing loading. I've seen nice panels in tiny rubber band models.

To start your project you should obtain a photo or drawing of the full-scale panel(s) for your subject if one is available. Most of us would look at this photo and see instruments, levers and switches in a particular arrangement. Master modelers like Dave Platt look at *every detail* of the panel. What color and finish is on the panel surface? Lettering? What type of switches, lever or pushbutton? Are mounting screws visible, and are they brass, steel, or painted? How many, if any, are three dimensional and stick out from the panel (gun-sight ?)? Are there any adjusting knobs ( altimeter Kolsman knob, clock setting)? If radios are mounted on the panel, can you find a way to replicate them? Well, you get the idea here.

Some instrument panels are actually multiple panels located around the pilot. See a full scale WWII fighter for instance. Jets are even more complicated with large panels just for circuit breakers. Let's start simple with a panel for an aerobatic model. There will be a few basic engine instruments and a few basic navigation instruments. A throttle and prop pitch control may be mounted on the panel as well as a few electrical circuit breakers and switches. The circuit breakers and fuse holders look very similar. Oh, I almost forgot that the keyed magneto switch for a recip engine is usually on the panel. The magneto switch will have "Left", "right", "both" and "off" positions.



Some scale models may need a more complex panel like this one from a "Golden Age" Gee Bee racer. You can see the drawing used to lay out the instrument locations. The swirled panel was done to mask possible small dents and scratches just as was done on the Lindberg Ryan nose section sheet metal. More modern cockpits have more elaborate instruments, switches, circuit breakers, and other levers. Really modern jets may have less instrumentation, but rely on video panels to display information. I know of one modeler who managed to install an LED display driven by a programmable chip and battery to display a scaled down digital map on the screen. Here we have a cockpit photo from a Pilatus PC-9 turboprop trainer that is now being used by our Air Force.

**Pilatus PC-9 cockpit.**



Originally, I had planned to offer a step-by-step construction article, but the sheer variety of panels was staggering. A simple panel consists of a ply, balsa, or metal panel usually painted flat black for glare resistance. Printed instrument are laid out on a balsa or paper drawing of the panel and matching holes cut into the panel. The sandwich is complete when a layer of clear plastic is placed between the instrument sheet and the panel. Printed instruments are available from JTEC (web site is JTEC.com) and they offer instrument panels kits in various scales. You can look for instrument panel photos in full-scale aviation magazines and Xerox those instruments, which you can then enlarge, or shrink, to meet your scale.

One favorite trick I use for simulating toggle switches is to squeeze a short (3/16") length of solder in a pair of long nose pliers to widen one end and glue it into a 2-56 hex nut. The assembly is then glued onto the face of the panel in the desired position. You can make dozens of these at very little cost and they look real.

From there you can go into casting instrument faces from patterns, and casting polyurethane instrument panel faces with convoluted shapes. Have fun experimenting and share your good results with other modelers.



Top Flite Stinson SR-9 panel

Courtesy of Ron Peterka



Stearman PT-17 panel



Here are a couple of photos of the War Birds West group. The model flew first fight at the Castle AFB Fly-in near Merced last Memorial Day weekend. The right inboard engine lost power soon after the takeoff, but made a perfect landing after several laps. Long time modelers, Don Rice and Frank Gagliardi did the "weathered" finish. Brand new, it looks like a hard flown war dog. The markings are from a B-24 displayed at the Castle AFB Air Museum.





**Airplane info..... This is a Carden kit, Extra 300 Pro designed by Kurt Koelling in collaboration with Dennis at the Carden factory. It has 124" wing and weighs 41 pounds. It is said by some this makes it a 40% scale Extra. The engine is the Desert Aircraft DA-200 with lightened machined cylinders and a magnesium case which reduced the engine weight by about 1 1/2 pounds. This is a four cylinder, two stroke engine assembled in Tucson, AZ. To get it real quiet for our field (93 DB's) the exhaust is K&S two into one headers connected to KS-95 canisters with rear exhaust, which are soft mounted. The special Mejzlik three bladed prop is a significant factor in reducing the sound. This was built by a professional builder, Brian Hueffemier. I have 94 flights on it now. It takes about 25 flights to get everything dialed in and all servos mixed to make pure axial rolls and straight up and down lines. The snap rolls and spin qualities are some of the best I have ever seen. I was especially attracted to this new design because the rudder DOES NOT have a balanced tab. This makes for an extremely stable model in the yaw axis and makes for some excellent pivots in the hammerhead turn.**

**Steve Nelson**





**June 2, 2015 Steve Nelson and Sir Lewis Creedon chat on a sunny day @ our field. The preceding photo was taken to make Steve's plane look large. It was the perspective from which it was taken that created the huge illusion.**



OH NO! I forgot to bring the wing!

Sir Lewis Creedon



Hugh Greenwald's foamy flies by.



**Bill Hill's F-22 1/50 of a second after launch**



**Greg Wilson's F-22 1/50 of a second after launch**



Larry Drisner

**Did you know that on June 13, 2013 the Aero Atlas Human Powered helicopter captured the long standing Sikorsky prize of \$250,000? The heli ascended to 3.3 meters for 64.1 seconds! To win the prize, it had to stay aloft for one minute @ 3 meters.**

**If you wish to watch the video of this incredible feat, go to the web and type in:**

**[www.aerovelo.com](http://www.aerovelo.com)**

**Then you'll see the helicopter section. Click on that and the video comes up. This is amazing stuff!**



Greg Wilson and his F-22. Below are Kathy and Scott Page and Greg





**Scott and Kathy Page**



**Hugh Greenwald's 3-D plane on June 18, 2015 on a bright, sunny day. Temp about 82.**



**Hugh  
Greenwald**



# Joe Nall Week @ Triple Tree Aerodrome in Woodruff, S.C.

May 9-16, 2015

24

It's been called the Augusta National of Aviation. It began in 1990 and is the largest gathering of modelers and model aircraft in the USA.

Starting in 2016, to be more neighbor friendly, canister mufflers, 3 bladed propellers, soft-mounted engines, and less than full throttle passes over the field will be used. Noise is always an issue, even at Joe Nall Week.

Club member Ernie Emery attended and took these 25 fine photos of this grand event. Ernie. You rock! Many thanks. He was there from Tues. thru Thursday.



**The wind was blowing 15-20 mph; the models flew in it. Tom Johnston hates wind. Tom, wind is your friend!**









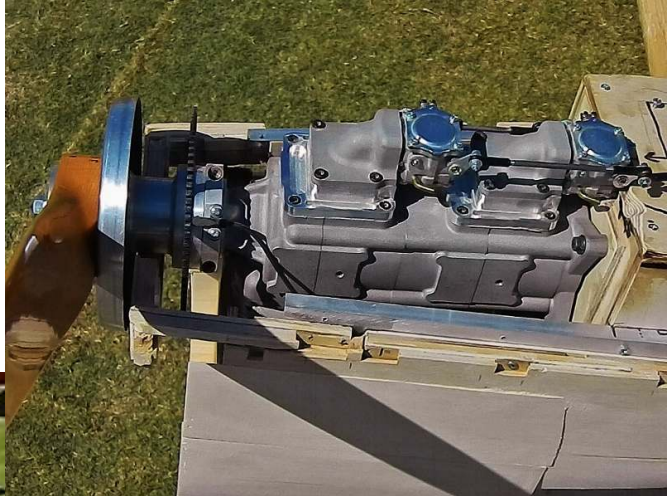
**Are you kidding?! This is the largest model of a Fokker DR-1 you have ever seen, but look at that small prop. The plane is 75% scale! What might it weigh? 90 –100 pounds? Imagine storing and transporting it. Imagine the g-forces on 90 pounds of plane.**

**That's one big FOKKER!**





The Stuka's engine.













# AS SEEN AT THE FIELD BY ETHEL BURKE

(Next 7 photos by Ethel.)

33



Ron Madison is flying this MXS an ARF from Extreme Flight. It is a 3-D plane, but does well for pattern flying also. The wingspan is 83 in. It has a Hacker 60 electric motor running a 22x10 graphite carbon prop. It has a Castle 120 ESC 20 amp Vec Pro. There are two 5S batteries.

The servos are HiTec HS-5955-T6, and all the hardware and accessories are from Curtis Pineau-- [Wild Thing Hobbies.](#)



**Richard Martin is flying this classic Waco YMF-5D biplane ARF from Great Planes. The wingspan is 72 in. with a wing area of 1384 sq. in. It is powered by a DLE-30cc gas engine running an 18 x 8 Xoar prop. It has 2 Lipo batteries and weighs about 13 lbs. (Note that this Waco has a double cockpit.)**



**Chris Thompson has this Sukhoi SU-29MM from Park Zone. It has a 3S battery 2200 mAh. It also has an AS-3X gyro.**

Here is Chris Thompson, a visitor from the San Diego Wingmasters. Chris is flying this DHC-2 Beaver from Fly Zone. This is an amphibian that he has added wheels for landing on runway, but he also flies it off water on pontoons at Mission Bay. It has a 900 kv electric motor running a 12 x prop. The ESC is 40 amp and the 3S battery is 2200 mAh 30c. Chris also has this Sukhoi SU-29MM from Park Zone. It has a 3S battery 2200 mAh. It also has an AS-3X gyro.





**Alan Wolstenholme had a successful maiden flight with his new Spitfire. He built this Top Flite kit and painted the camouflage design and clear coated it. It has a 63 in. wingspan and it weighs 10 ¼ lbs. It is powered by an OS-95 AX 2-stroke glow engine with a Bisson exhaust. The prop is a 3-blade Master Airscrew 14 x 7. It has E-flite electric retracts.**



**Pancho Castillo is flying this new F4U Corsair ARF from Hangar 9. It has a wingspan of 65 in. and it weighs 12 lbs. It has an E-flite 90 Outrunner electric motor 45 amps running a 16 x 10 prop. The ESC is 75 amps from Castle Creations. It has 8S Lipo batteries (two 4S 5000 mAh in series).**





**Frank Burke has built this new Contender from a Top Flite kit (still available). The wingspan is 61 ½ in. and it weighs 7 lbs. 10 oz. It is powered by a 75 Super Tigre 2-stroke glow engine with a Bisson exhaust. It has a 3-blade Master Airscrew prop 12 x 6. It has electric retracts from Hobby King.**

# Military Press

Serving Active and Retired Military,  
DoD Workers and Civilians for More Than 39 Years

VISIT MILITARYPRESS.COM

## AIR GROUP ONE AIR SHOW SAN DIEGO

June 20 & 21, 2015

Gillespie Field, El Cajon  
Full Schedule Inside!



*the*

**next 48 photos were taken  
at the San Diego Air Show.**

# VICTORY

*Air Group One, CAF, Salutes our Veteran Men & Women on  
the 70th Anniversary of their Triumph in World War II*

**FREE**



The Air Show Begins.









**Skydivers were released at 5,500' from this C-47 or DC-3 painted with Normandy Invasion Stripes.**



**Pilot Jay Walker, seated, flew a B-17 with the Eighth Air Force from England over Germany. He flew 38 missions! On the left is Ernie Emery, a Palomar Club member, and Eduardo Serrano of the Old Bold Pilot's association.**

**To communicate with Jay, I knelt down, took his hand and sincerely thanked him for his great service. Spontaneous tears came as I held this hero's hand. He proudly wears his Eighth Air Force Patch and Command Pilot wings. June 20, 2015 (Editor)**



Teen beauties were there to celebrate the day. The B-29 is for sale. Frank Gagliardi manned the model booth and shared some of the model's story



This Antonov AN-2 is the world's largest bi-plane, first manufactured in Russia where 5,000 were built. Poland delivered 11,950 of these since 1960. The proto-type first flew in 1947. It has a 1,000 hp engine, a 60'9" span and flies 8 to 10 passengers. It is a reliable freight hauler, especially in the back country. The Commemorative Air Force owns this one. It's ugly, but there was another plane even more ugly that appears on page 61 of this issue.



# Muriel

In all the world, I am the only one.

**1935 Lockheed Electra L-10-E, Serial #1042**

**This aircraft is the only survivor of 14 built and is identical to Amelia Earhart's. This aircraft was jointly owned by Pan American Airways and shipping company W.R. Grace to form PAA' GRACE.**



**For more information contact Grace McGuire: [N1602d@aol.com](mailto:N1602d@aol.com)**



**This huge B-24 weighs 53 pounds and is weathered to perfection. If it takes 5 g's, that's a force of 265 pounds trying to rip it apart! It has 3 oz. fiberglass cloth on the top of the wings inboard of the outer engines. Spruce spars hold it together. It's a work of art and Frank Gagliardi showed the model. More about this plane on page 15 of this issue. See Ron Peterka's comments about it.**



**The North American advanced trainer, the AT-6 'Texan'. Lots of these planes still live. It spans 42' and has a Pratt and Whitney R-1340 engine developing 550 to 600 hp.**



**The Commemorative Air Force sold rides in their SNJ Harvard. Pictured above is a woman about to take off and the bottom photo shows her landing after she was relieved of all her sweet cash.**



Steve Pachura flew his club's Polish built SZD50-3 Puchacz. It's a two place training and aerobatics sailplane designed primarily for clubs and soaring schools. Span is 54.75 feet. Empty weight is 816 pounds. 133 mph is max speed and the glide ratio is 30:1 @ 53 mph. What a beauty!



This glider winch is manufactured in Ramona, CA and costs \$100,000! 1,000 feet of towline weighs only 5 pounds and has a tensile strength of about 4,500 lbs. The company cannot make them fast enough because they sell so well. With a 10,000 foot line, theoretically, a sailplane could reach a mile high before it releases! However, most releases are between 1,500 and 2,000 feet. It's easier to launch with this winch than it is with a tow plane. Pictured are Steve Pachura of the Jacumba Soaring Club and Ernie Emery.





Steve said that their Jacumba Soaring Club is the oldest soaring club in the USA!

49



Mike Lonnecker drove Jim Gallacher, Ernie Emery, and your editor to the Air Show.

Yak-52  
Five of these advanced trainers put on a show with smoke









The lost-man formation



Avgas is not cheap!



Nose art on the Tuskegee Airmen's P-51



P-38 Lightning





**Steve McQueen once owned and flew this Stearman.**



**Stearman Aircraft/Boeing made PT-17's with a 225 hp engine. Made in 1934 during the Golden Age of Flight.**



**Originally manufactured in Stratford, Connecticut, home of Chance-Vaught and your editor too. F4U Corsair**





**Grumman F4F Wildcat from 1937**



**Beechcraft T-34 Mentor**



**T-34 Mentor flown by Julie Clark of the 99's Female Pilot Parade**



**Pilot with the 99's in a Citabria. Spelled backwards, Citabria spells 'airbatic.'**





What could this possibly be? It was flown by a pilot from the 99's as was the PT-19 below.



Three of the five Russian Yak 52's taking off. It was a fine air show and worth attending.



Hopefully, this plane flies better than it looks. It wins the ugliest airplane award, and looks like Hollywood's failed attempt at mimicking a Japanese dive bomber. For shame! The Japanese never built a monstrosity like this!



**THE END! HAPPY 239TH BIRTHDAY TO THE USA!**

## **Board Meeting Agenda: June 24<sup>th</sup> 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: 7:53 p.m.**

**Treasurer Report: \$52,430**

**Other than on Monday night, guests need to be signed up with the AMA.**

**West container was broken into again. Looking to get a quote on fixing it.**

**Charging station continuing to make good progress and should have an update shortly.**

**4<sup>th</sup> of July picnic**

**Looking to see if we can do a demonstration on radio setup for next club meeting.**

A book review of **“Target Tokyo”** by Jams M. Scott 2015 648 pages

This is the definitive account of Jimmy Doolittle’s raid on Tokyo on April 18, 1942. It can be bought from Amazon.com for \$20. although list is \$35. There are over 100 pages of foot-notes; the text is garnered from original sources.

It is a page-burner and I whipped through it in a matter of days. After the raid when the B-25’s landed in China, the Japanese killed 250,000 Chinese for aiding the raiders! It was reminiscent of the rape of Nanking in 1937. They reduced the town of Ying-tan and other towns to little more than rubble in the wake of the Doolittle raid. The Japanese occupied parts of China at that time.

On May 19, 1942, President Roosevelt presented Jimmy D. with the Medal of Honor at the White House.

The raid took place only four and a half months after Pearl Harbor. What a historic feat. If any club member is interested, I’ll lend you this superb book.

A book review of **“Intrepid Aviators”** by Gregory G. Fletcher 2012 420 pages

**This is the story of the sinking of the Japanese super battleship, *Musashi*, the pride of the Imperial Navy. In 1944, the *Musashi* and *Yamato*, super battleships, were the largest ships of their kind in the world. They were larger than any battleships built in the USA or Britain @ about 870 feet long. Its 18 inch guns could lob a 3, 250 pound shell 26 miles! The shells could reach a height of 35,000 feet. Its 16” steel armor at the waterline was mighty tough, yet after being attacked by Hellcats, Avengers, and dive bombers on six raids, the *Musashi* slipped under the waves with its admiral who chose to go down with his ship.**

**The book starts out slowly, but picks up speed once the military action in the South Pacific takes place. Most action occurs in the Sibuyan Sea, off the Philippine coast. It recounts an epic tale of a pilot who was shot down in the great battle and nearly run over by a Japanese ship. He clung to a dark blue piece of canvas from his destroyed plane and held it over his head so that his yellow Mae-West and he would not be seen as the ship passed 30 to 40 yards away! It relates him swimming to a deserted island, making a raft and sailing to yet another island, being picked up by Philippine guerrillas, and eventually making his way to Australia via a US submarine along with 28 other pilots who were saved by the guerrillas! This is just an ancillary tale in the book.**

**It is a powerful read. No wonder the men of WWII were called the greatest generation!**

**If any club member wants to read the book, I’ll lend it.**

**Joe Buko  
editor**

## AGENDA FOR 2015 MECA EXPO September 11, 12, 13 , 2015

### Friday September 11, 2015

6:00 PM – 9:00 PM – Social gathering in the Courtyard. Free snacks and drinks will be provided. A cash bar will be available for purchase of an assortment of drinks.

### Saturday September 12, 2015

7:00 AM – 8:00 PM – Set up for those who wish to display a collection of model airplane engines or collection of gas engine powered model cars. Award will be given to the first, second, and third best engine display, and the best gas engine powered model cars. The tables measure six feet by three feet.

8:00 AM – 9:00 AM – General MECA Board Meeting.

9:00 AM – 10:00 AM – Those who displays their collection will be able to give a short presentation regarding their displays ( not required ).

10:00 AM – 11:00 AM – First guest speaker will make their presentation.

11:00 AM – 12:00 Noon – Those who displays their collection will be able to give a short presentation regarding their displays ( not required ).

12:00 Noon – 1:00 PM – Break for lunch. Ayres has a nice restaurant, and there are other restaurant within walking distance of the hotel.

1:00 PM – 2:00 PM – Those who display their collection, will be able to give a short presentation regarding their displays ( not required ).

2:00 PM – 3:00 PM – Guest speaker.

3:00 PM – 4:00 PM – Secret voting for first, second and third place engine display and best gas engine powered race car.

4:00 PM – The ball room must be vacated.

6:00 PM – 9:00 PM – Awards banquet. ***Reservation for the banquet must be received no later than September 7, 2015.***

### Sunday September <sup>13</sup>~~11~~, 2015

7:00 AM – 8:00 AM – Room open for those who wish to sell in the Swap Meet. This is the time for sellers to set up their tables. Items sold are limited to model engines, gas model cars and related items such as parts, kits, accessories, etc. No built up models are allowed. Tables measure six feet by three feet.

8:00 AM – 12:00 Noon – General public admitted to swap meet.

11:00 AM – Drawing for raffle prizes.

12:00 Noon – End of Swap Meet. Ball room must be vacated.

2:00 PM – 6:00 PM – Open house at Dan & Caryl home.

**Please read other side of this page.**



**Model Engine Collectors' Association  
Convention XVI – September 11 – 13, 2015**

Ayres Hotel & Suite  
1945 East Holt Boulevard  
Ontario, CA 91761  
( 909 ) 390 - 7778

Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State & Zip Code: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ FAX: \_\_\_\_\_  
 Email \_\_\_\_\_ ~~MECA Member~~ \_\_\_\_\_  
 Spouse or Helper Name ( for *Name Badge* purposes ) \_\_\_\_\_

Friday September 11, 2015 Social Hour / Cash bar 6:00 – 9:00 PM	Free coffee and Horsd'oevres		
	<b>Members</b>	<b>Non-Members</b>	<b>Amount</b>
<b>Saturday September 12, 2015 - Convention</b> Member Meeting, Engine & Car Display, Guest Speaker, One admission to Sunday Swap Meet	\$25	\$30	
I request _____ tables for engine display. I request _____ tables for gas car display.			
<b>Banquet meal selection( make selection )</b>	\$35	\$35	
Chicken Marsala			
Top Sirloin Steak with mushroom sauce			
Salmon with sorrel			
<b>Reservation for the banquet must be received no later than September 7, 2015</b>			
<b>Sunday September 13, 2015 Swap Meet</b> Admission Only, not attending Saturday convention	\$8	\$10	
Swap meet table ( 6 foot by 3 foot ) Includes 2 admissions for table holder and one assistant.	\$25	\$35	

Make check payable to "MECA." Mail check and registration to:  
**Dan Sitter**  
**13674 Bennington Court**  
**Fontana. CA 02336**  
**( 909 ) 899-4561**

**Please read other side of this page.**



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

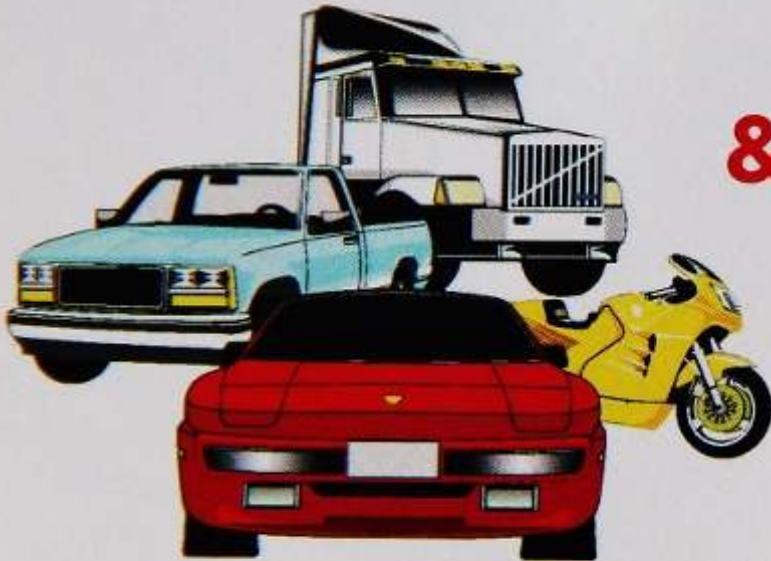
**Sales@Servowires.com**  
760.666.2738

*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**



## **Expert Radiator & Air Conditioning**

**Complete Auto Repair**

Mobile Air Conditioning

Electric Diagnosis & Repair

**Darrin Albert**

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

2305 Auto Park Way, Escondido, CA, 92029 • 760.489.0151



## 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)

# For The Best in

## 401 K Plans

## Mutual Funds

## Retirement

## Investments

## Long Term Care

## Insurance

Call  
**Tom Minegar**  
**800-585-0035**

***CLUB OFFICERS***

<b>PRESIDENT</b> Varley Longson	<b>760-723-1335</b>
<b>VICE PRESIDENT</b> Patrick Pranica	<b>442-333-9024</b>
<b>SECRETARY</b> Chris Avellino	<b>858-245-3342</b>
<b>TREASURER</b> Sean O'Connor	<b>858-485-0750</b>
<b>SAFETY OFFICER</b> Jim Jenkins	<b>760-910-4141</b>
<b>BD MEMBER</b> Denver Bates	<b>760-728-2880</b>
<b>BD MEMBER</b> Scott Dedic	<b>858-674-4624</b>
<b>BD MEMBER</b> Chuck Riley	<b>951-693-5679</b>
<b>BD MEMBER</b> Roger D. Cosio	<b>760-724-4926</b>
<b>BD MEMBER</b> Joseph Villarreal	<b>760-390-1470</b>
<b>BD MEMBER</b> David Drowns	<b>760-740-1715</b>

***CLUB OPERATIONS***

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

***SPECIAL INTEREST GROUPS***

<b>RC Combat Chairman</b> Fred Eivaz	<b>817-714-2379</b>
<b>Helicopter Chairman</b> Philip Degarmo	<b>979-204-7767</b>

***HEAD INSTRUCTOR***

<b>Dennis Newbeck</b>	<b>760-297-1134</b>
-----------------------	---------------------

***INSTRUCTOR LIST***

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

**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.com](http://www.palomarrcflyers.com)**

# 2015 Club Officers



**Treasurer Sean O'Connor**



**President Varley Longson**



**Vice President Patrick Pranica**



**Safety Officer Jim Jenkins**

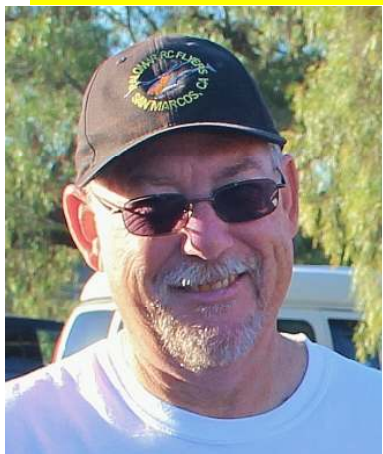


**Secretary Chris Avellino**

# Board Members



**Sott Dedic**



**Joseph Villarreal**



**David Drown**



**Chuck Riley**



**Denver Bates**



**Roger Cosio**

# Hobby People®

**CLUB MEMBER NEWS**

18 Stores To Serve You In California & Nevada

**JULY 2015**

## NEW ARRIVALS! NEW R/C GASOLINE ENGINES FROM RCGF

Very high power-to-weight output! RCGF Engines include engine standoffs or mounts, electronic ignition, and muffler.

**RCGF**  
Gasoline Ignition Engines

**10cc Gas Engine, Beam Mount with Ignition & Muffler**

No. 285110  
List \$249.99

Our Price Only  
**199<sup>99</sup>**



**AVAILABLE NOW!**

**NEW**



**RCGF GASOLINE ENGINES**

**NEW**

No. 285114  
List \$249.99



**15cc Gas Engine, Beam Mount, with Ignition & Muffler**

Our Price **\$199<sup>99</sup>**

**NEW**

No. 285118  
List \$262.99



**20cc Gas Engine, S-Beam Mount with Ignition & Muffler**

Our Price **\$209<sup>99</sup>**

**NEW**

No. 285126  
List \$299.99



**32cc Gas Engine, Rear Mount with Ignition & Muffler**

Our Price **\$239<sup>99</sup>**

**NEW**

No. 285130  
List \$349.99



**56cc Gas Engine, Rear Mount with Ignition & Muffler**

Our Price **\$279<sup>99</sup>**

**NOTE:** RCGF Engines are available online, at select Hobby People stores, or by special order at any Hobby People retail outlet.

**NOTE:** We carry Xoar beechwood propellers that match up perfectly with RCGF Engines!

## Customer Appreciation Savings Coupon

**THELI'S**

**F600 Hexacopter DIY Starter Kit (Receiver-Ready)**



No. 163302

Reg. \$269.99

**Club-Member Only Sale**

**SAVE \$70<sup>00</sup> 199<sup>99</sup>**

With this coupon!  
Offer Valid Through July 2015, Only



**KNOWFLY**  
BEFORE YOU FLY  
WWW.KNOWBEFOREYOUFLY.ORG

**HP Hobby People®**

18 Hobby People Stores To Serve You In Southern California and Nevada!

**CALIFORNIA:**

- El Cajon
- Fountain Valley
- Lakewood
- Murrieta
- Riverside

**NEVADA:**

- Rancho Cucamonga
- Encino
- Hesperia
- Lawndale
- Pasadena
- San Diego
- Las Vegas North
- Lake Forest
- Camarillo
- Orange
- Redlands
- Santa Clarita
- Las Vegas East

At New Location →



Fast, Friendly, Knowledgeable,  
Ask The R/C Pros!  
The Crew

FOR STORE INFORMATION, CALL: 1-866-HOBBY-4-U

## Customer Appreciation Savings Coupon

With this coupon!  
Entire Line



**ENGINEERING**

**25% Off!**

Offer Valid Through July 2015, Only

Price, specs, and availability may change without notice.  
July 2015 Club Newsletter Ad from Hobby People.

**hobbypeople.net**

