



AMA Charter #141

January 2007 Transmitter

The Newsletter of the Palomar RC Flyers

RC Web Site — www.PalomarRCFlyers.org

Parents please pass this copy of the Transmitter on to your Junior Member(s) as you see fit.

Meeting Minutes

NOTE:- There was no general meeting in December due to the club Banquet held instead.

BOARD MEETING

Meeting called to order at 7:30 p.m.

The Board recommended that Charles Lewis be given a free membership for 2007 because he was a board member in 2006 and also served as Chief Instructor and therefore has paid his dues.

Jim Cole wants to lighten the schedule for combat from six meets a year down to four.

Bob Peterson volunteered to run two fun-flys, the first one to be on Saturday March 3rd, the second one on Nov 17th.

Club open house is penciled in for September 15th. Electric scale meet is set August 4th. We want to schedule a pylon event with very simple rules. Everything will depend on other contest scheduling and members interest. If you want more events, contact a board member.

Representatives from the car track brought in many new ideas

(CONTINUED ON PAGE 2)

President's Column

Hello everyone,

well here we are again smack into a brand new year. What happened to the last one. Did Santa bring you the plane or engine that you wanted? I hope you all had a good time at the banquet. The turn out was excellent and no fights broke out. Our little string band did a good job of entertaining us and the food was good. Sorry for the slight delay in getting started but there was a small glitch due to unexpected circumstances. Thanks to all of you for voting me in for your President for 2007, I'll try to live up to it.

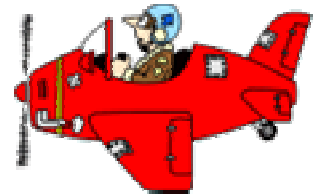
Lately I have had a full plate on my table with my move to Fallbrook and all the remodeling to the house going on, so I have not had much time to devote to the club but I hope that will change as the year progresses.

Be sure to check

out my planes for sale at the back of the newsletter. There are many good deals for you "ready to fly members".

See you all at the field.

Jimmy



KEY EXCHANGE

was held on the 6th and approx. 110 people showed up to get their keys



to keep the track up and running. The board explained the expenses the club had covered in the past. Currently we plan to run races on the second and fourth Sundays with some world-class racers at the track on Sunday December 31st.

A mall show at North county fair is scheduled for September 8th and 9th. Daryl Albert requested a list of active flight instructors and the days they will be on duty. Daryl said he would be on duty for instruction on Mondays during daylight savings time, starting March 12th, ending Oct 29th.

Meeting adjourned at 9:00 p.m.



Our 2006 Banquet was a great success and I assume everybody had a good time even though we didn't take a poll.

ELECTIONS 2007

Club Officers for 2007

President - Jimmy Mazurek

Vice President - Curtis Kitteringham

Secretary - Dave Truax

Treasurer - Joe Buko

Board Members for 2007

Bob Peterson

Mario DiRusso

David Drowns

Goetz Vogelsang

Darrel Albert

Robin Solomon

Mark Williamson

NO-FLY QUICK CHECK

ASSEMBLY INSPECTION

- Check Security - Engine, fuel tank, wheels, receiver, battery, servos.
- Pull Test - Linkages and control surfaces.
- Receiver Antenna - Fully extended and away from metal.
- Verify Center of gravity location.
- Conduct Range Test- with transmitter antenna collapsed.

PRE-FLIGHT(EACH FLIGHT)

- Check receiver voltage under load.
- Check transmitter power level.
- Check engine high speed, nose up.
- Check engine idle, nose down.
- Extend transmitter antenna.
- Check control surface direction and response.

Fun Fly Time

Hey guys, we are having a fun- fly the first weekend in March which is Saturday 3rd.

Here is what you have to know.

No event will threaten your Airplane any more that normal flying. Nothing will be too difficult to do if you have been off of the buddy cord for a couple of months.

With that in mind, let's have a good turnout for this event.

Here is an example of possible events:

Egg drop (easy)

Most loops in 15 seconds

Taxi race

Takeoff, fly and land in closest

to 2 minutes (no clock)

Here is a list of Possible prizes:

Trip around the world for 2

Use of a Lear jet for 1 year

A whoopie cushion

Let's have some discussion at the January meeting !!!

PALOMAR Raceway



DAYS OF NITRO

JANUARY
14TH & 28TH

FEBRUARY
4TH & 18TH

RACING Starts at 10 a.m. and REGISTRATION closes at 9:30 a.m.
ROAR CARD REQUIRED

RACE FEE'S:

PALOMAR RC MEMBER: \$5.00

NON MEMBER: \$10.00

- **EVERYONE IS INVITED TO JOIN THE FUN**
- **BRING YOUR OFF-ROAD RC CARS AND TRUCKS**
- **THERE WILL BE RACES FOR ALL CLASSES**
- **NITRO AND ELECTRIC**
- **HOT DOGS AND DRINKS AVAILABLE**

ROAR MEMBERSHIPS SOLD AT TRACK
SINGLE DAY ROAR MEMBERSHIPS ALSO AVAILABLE
RUNNING LATE? PRE REGISTER: 760-994-6889
GATES OPEN AT 7:00a.m.

Take the Pala Rd exit (S-76) off Interstate 15.

Go East on Pala Rd. to the first Left which is Pankey Rd. (about .5 mile)
The club gate is at the end of Pankey Rd.

Please obey the speed limit while driving in.



The Car
Track is
Alive and
Well for
2007

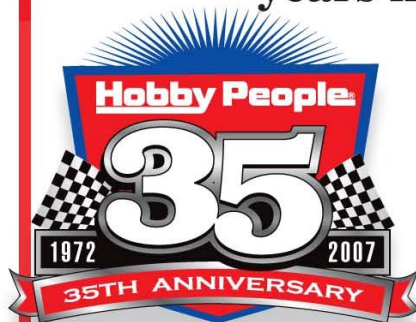


Hobby People®

We're giving away over **\$12,000⁰⁰** to 35 lucky R/C modelers!

That's right!

You could win a \$350.00 R/Cer's Dream Shopping Spree!
It's our way of saying **"Thank You"** for 35 wonderful years in the modeling community!



Celebrating 35 wonderful years of modeling with you! Thanks!

WIN YOU COULD BIG

On **May 2, 2007**—our **35th Anniversary**—we want you to celebrate with us! So, we're giving away **\$350.00**-dollar shopping sprees at Hobby People to **35 lucky winners!** Maybe one of them is **YOU!**

No purchase necessary to enter!

Entering the Hobby People \$12,000 Giveaway is easy.

There are three ways to sign up!

1. Click on **hobbypeople.net** and sign up on our mailing list.
2. Visit any Hobby People store and sign up on our mailing list.
3. Cut out and mail in this mailing list/entry form. (Valid address and information must be received by **April 30th** to be entered in the \$12,000.00 Giveaway.)

Do you already get mailings from Hobby People? If you do, you're already entered! Want to make sure you're signed up? No problem, enter your information anyway and we'll verify it.

Conditions apply: One winner per household, Hobby People employees and family are not eligible to win. Name, address, and email (email is optional) entered must be valid and verifiable. Winners will be mailed the announcement. If a winner's announcement is returned, an alternate winner will be picked. No purchase necessary to enter. Last day to enter is April 30, 2007. Must be 18 or over to be eligible to win. Odds of winning depend on number of total entries. Shopping Spree giveaway is not redeemable for cash. One entry per household. Multiple entries DO NOT increase your chance of winning.

Hobby People® OFFICIAL 35th Anniversary Giveaway Entry Form

Fill in this form and mail it to: Hobby People
Dept: Giveaway Entry
18480 Bandilier Circle
Fountain Valley, CA 92728-8610

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

E-mail address: _____

Phone: _____

Your primary interest:

- Planes
- Helicopters
- Cars
- Boats
- Plastics/Die C.
- All of above

**FOR SALE
ADVERTISEMENTS**

In the Transmitter and on the web site:
Members: Free posting for a 3 month
run.

Non-members: \$10 per posting for a 2
month run

Call in your ads (or cancellations) to:

Sean O'Connor at

858-486-6771 or

seanoc57@pacbell.net

Or mail to

For Sale
Palomar RC Flyers
PO Box 141
San Marcos, CA 92079

For Sale

Performance Plus Fuels

(Best on the market)

For reliable idle, smooth transi-
tion and maximum power

- 10% \$12.00 per gallon
- 15% \$13.00 per gallon
- 20% Off Road \$17.00 per gallon
- 30% Car 18.00 per gallon

Call Robin SOLOMON

760-480-5834

Cell - (best one to use):

760-420-3692



LOTS OF PLANES STILL FOR SALE

Reduced prices in most cases

Balsa USA Taube: complete ! RTF.91 4-stroke Airtronics Radiant \$595.00

Navion type scale ARF with .40 2 stroke. New \$175.00

Sikorsky S-39 single engine FEE ANA Scale Russian float/land OS.46 air servos.
\$350.00

Shoestring RTF .91 4-stroke complete. No tx. \$395.00

Corby starlet RTF Saito .72 complete. No tx. \$395.00

World models Trainer .40 RTF symmetrical 2 piece wing,flaps,floats .46 alum.spinner
complete. No tx. 295.00

Ariz.models 1/8scale SE5A elec. Complete no tx. \$195.00

Scale BD-5 ARF new. Brushless mtr,spinner. 150.00

New Wattage Stagger Wing Beech .ARF Cobalt 400 motor prop/spinner 65.00

Corby Starlet ARF NIB kit. 125.00

TopFlite Stuka. New, purchased from collector. Beautiful! Plane & new .91 four stroke
only 450.00

New Wattage Cessna 195 ARF cobalt 400 motor 65.00

FW stossler RTF elec. Winner at last elec.fun fly event. Complete with lipo batt. No tx/
rec. 495.00

Twinstar RTF camo/brit markings. Also has gear. Complete. No tx. 100.00

GWS zero RTF complete. No tx. 50.00

GWS corsair RTF complete. No tx. 50.00

New wattage T-6 RTF cobalt 400 motor. no tx. 100.00

Elec fun fly like micro wiz. RTF complete no tx. 50.00

Scale 8' Stearman new G-62 750.00

Scale 8' Travelair bi-plane Quadra 50. 550.00

New Cox P-40 RTF complete. No tx. 45.0

10' Cessna 310 Bud Nosen kit. Robart retracts. Fiberglass cowls/wing tips. 900.00

Scale Polish PZL .40 size plane only 100.00

I also have a TREX 450 RTF complete. Lots of extras. No tx. Price unknown yet. Make
reasonable offer.

Evo .50 heli in a Hughes 500 body yellow/green. Price unknown yet. Make reasonable
offer.

More planes to follow.

CALL JIMMY at (760)-505-6606



Mach Racer – A kit review by Gary Thompson

The Mach Racer is a recently released ARF from Model Tech. You will typically find this kit at Hobby People, since they deal a lot of Model Tech kits. This particular ARF comes in a Pizza box – Extra Large if you will - the box is about 3 inches high and about 35 x 40 in size. In spite of the 39.5" wingspan, this model has a whopping 635 square inches of wing area.

The kit is surprisingly complete with very few pieces - the one-piece wing and fuselage are already assembled with bright yellow purple and white on the top and a black and white checkerboard covering underneath. To build the kit, you need to bolt on the wheels and wire gear along with 4 servos - one each for each elevon; one to steer the front wheel; and one for the throttle.

The Elevons are already slotted and hinged, so just add a few drops of CA to freeze the hinges in place and hook up the control rods, which come already sized to fit. This plane practically builds itself.

The fuel tank is a perfect fit just behind the firewall and a little foam holds it in place. Then install the receiver, switch and battery in the ready-made compartment with a little foam to hold them in place. Cover it up with the ready-made hatch and you have yourself an airframe. Two sexy fins are glued into slots already cut in the wing to provide directional stability. The entire structure, including the fins, is built up making the airframe very lightweight.

The engine I chose was an OS .46 AX (won in the raffle) which was a tight fit in the integral wood mount already installed in the fuselage. I used the moto-tool to grind a little off for a perfect fit. Even the engine mount screws are furnished in the kit. The mount has right thrust built in so that the crankshaft is perfectly centered in the cowl nose ring. The cowl is a neat painted fiberglass part, which is screwed to the frame with 6 supplied screws. An addendum to the kit advised me to place the back of the spinner 4 1/8 inches from the firewall.

I picked up the plane on Saturday evening, built it on Sunday while watching football and flew it on Monday morning.

Here's what I learned after about a dozen flights.

First flights were a little sluggish - new engine, and pitch response was slow. I also used a larger prop for break-in. For the next flights, I moved the CG back about 3/8 inch (Now 8 3/8" from the leading edge). Much better pitch response. Rolls are a blur with the recommended high rate elevon settings. You can't hardly count the rolls but the rate is near 2 rolls/second. I set the aileron low rate to about 50% and use this setting for landing and precision loops, splits, etc.

This is strictly a delta wing. It also has no rudder, but has tricycle gear and front wheel steering. Ground handling is excellent, but after landing you must let the plane slow to a crawl before turning around otherwise it tends to tip to the prop. I added some fuel tubing as a brake on the front wheel axle to slow the plane after landing.



The lack of rudder requires that you line up very carefully on final approach because there is no rudder to adjust the yaw during landing. The plane will continue in the same direction it was headed until it slows enough for the front wheel to take effect. Down elevator after touchdown is helpful.

The plane weighs about 3 1/2 pounds empty. And the wing chord is a diamond-shape which really cuts through the air. With a 10x7 prop it moves out smartly and will easily climb out of sight. The downside is that you must use a fairly steep approach when bringing the Mach Racer in to land. With a little power added, and an increased angle of attack, it easily settles on the backwheels for a very pretty landing. On one flight, I experienced a

dead stick and as I turned towards the runway, I lost more altitude than I expected, but still managed to make the runway.

Additions:

The instruction book is very thorough and very well illustrated to help you assemble and prepare the Mach Racer for flight. It suggests that you add some tape to seal the elevon gap. I added this later and although I did not experience any flight improvement, I feel that this will help prevent flutter, which can occur on a high speed model with large control surfaces.

The recommended location for the ON/OFF switch is in the hatch on top. I relocated the switch to the side opposite the muffler, underneath the wing, where it is out of the way of any engine residue.

A canopy is provided to make the model more realistic, but in its place I added a lightweight handle approximately over the CG in order to help handling this awkward wing shape. Now it moves easily from starting stand to the flight line by simply lifting it by its handle. I also added a hook in the center near the tail to fasten a rope for securing the plane when starting the engine. These little additions make handling a delta wing as easy as handling any normal model.

I also ran a length of clear packing tape down the leading edge of each wing. This should protect the seam of Monokote where the bottom and top colors meet at the leading edge. I was afraid that too many full speed runs might allow the air blast to begin to peel this back.

As an option, the Mach racer can also be built without wheels for hand launch. Three nice looking skids are supplied with the kit to replace the wheels and the front wheel servo. This should make it even faster (I'm told that this model has been clocked at 116 mph). I opted for the wheels and for our field, this works out really well. With a new engine and about a dozen flights, I was able to taxi back all but two times.

The upside is that this model is in one piece and easily transported. It is a ball to fly and rock solid in flight. The downside is that without yaw control, it will not spin and I am a little apprehensive about making crosswind landings. Also my model makes a lot of noise that sounds like reverberation from the built-up structure and possibly the wheels during flight. At certain speeds, the rattle almost goes away. On balance, it is a keeper.

Gary Thompson





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Club Directory

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TREASURER	Joe Buko	760-726-8831
BD MEMBER	Bob Peterson	760-
BD MEMBER	Mario DiRusso	760-
BD MEMBER	Goetz Vogelsang	760-
BD MEMBER	David Drowns	760-740-1715
BD MEMBER	Darrel Albert	760-
BD MEMBER	Robin Solomon	760-
BD MEMBER	Mark Williamson	760-

CLUB OPERATIONS

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SPECIAL INTEREST GROUPS

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Scale Chairman	Ron Peterka	760-788-9022
RC Combat Chairman	Jim Cole	760-727-7666
Helicopter Chairman	Don White	760-419-9325

LOST AND FOUND

Richard Anderson		760-744-5631
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Charles Lewis		760-758-3103
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SAFETY OFFICERS

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E-MAIL: pres@palomarrcflyers.org

Catch us on the web at www.palomarrcflyers.org

Meeting Notice:

The **January 18th** club meeting will be held at the usual place, i.e. the San Marcos Joslyn Senior Center, 101 Richmar Avenue, San Marcos, CA.

<u>January</u>	<u>July</u>
<u>February</u>	<u>August</u>
<u>March</u>	<u>September</u>
<u>April</u>	<u>October</u>
<u>May</u>	<u>November</u>
<u>June</u>	<u>December</u>
-----TO BE ANNOUNCED-----	

Stamp



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