



Club Meetings

2nd Tuesday 7:30 pm
Jeff Hanauer's
2813 N. 21st Street
Phoenix, AZ 85006
602-957-9625



Business meeting, get to meet fellow modelers, show & tell. Bring your latest creation for points judging for annual trophy.

Nov 9, 2010

Dec Christmas Party

Nov. meeting (for sure this time)—free drawing for 50 page hard cover full color books on famous WWII fighters, Crown.



Call Us and Lets Go Flying

President	Ken Gulliford	(623) 877-8823
Vice Pres.	Sergio Garza	(480) 705-0109
Secretary	Jeff Hanauer	(602) 957-9625
Treasurer	Jeff Hanauer	(602) 957-9625
Newsletter Ed	Ted Kraver	(602) 944-8557 tkraver@qwest.net
Safety Officer	Mark Smith	(623) 877-8968
Field Marshall	Dominic Mancini	(480) 777-1930
Chief Train'g	Sergio Garza	(480) 705-0109
Webmaster	Ron Hook	(623-536-1878 rhook2@cox.net

CACLC Website

<http://controllinecentaz.com>

Cholla Choppers www.cmaonline.org
CAMAC (AZ Assoc) www.flycamac.com
New Mexico ... Addicts www.nmcccla.org
Valley Circle Burners <http://vcburner.info>
Knights Round Table www.kotrc.org

Flying Sites

Estaban Park, Phoenix

36th Street and Rosier
Guys may be there Saturday but mostly Sunday Mornings; Fly most any time far east side. All grass. Call Jeff Hanauer

Festival Field, Avondale 101

E. Lower Buckeye Guys there most Saturday mornings and some Sundays. Fly most any time but call Ken Gulliford for specific area to fly and when others will be there. All flat grass.

AMA Club #4116

We build and fly sport airplanes, and compete in Stunt, Combat, Navy Carrier, Speed, Scale and Racing. We host our own and support Tucson Cholla Chopper contests that attract national competitors.

Arizona + Contests

Navy Carrier Plus Scale XIII (CAC) Friendship Park

Avondale, AZ October 30, 31

Red Flag Combat (CACLC)

Estaban Park

Phoenix AZ Nov 4, 6, 7

Charles Mackey Open (KRT)

Whittier Narrows, CA

Stunt Nov 13, 14

Southwest Regionals

Christopher Columbus Park

Stunt, Carrier, Scale, Combat
Tucson AZ Jan 29, 30-2011

Southwick Stunt

Stunt, Southwest Sport

Avondale AZ February 19-20

Vintage Stunt Championship

Tucson AZ March 15-19, 2011

March Madness Combat

Cabin Fever Racing

Bob Palmer Memorial

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Central Arizona Control Line Club

COLORS: **ORANGE** and **BLUE**

Views from Our President



Here we are facing the end of another year of control line flying. Unlike most of the rest of the country, we here in the southwest are just beginning our "Flying Season". The days' temperatures have dropped below 100 degrees (finally), so we don't need to get up before sunrise in order to get in a few flights before the sun bakes us. It is less of a problem at Estaban Park than at Festival Fields, as Estaban is an old established park with mature 30 foot trees all around to provide refuge from the searing UVA and UVB rays that lead to nasty sunburns. Festival has trees only a season of two old with sparse vegetation on top. It is amazing though how many flyers can crown under one of those "Charlie Brown Christmas Trees" that we use for shade.

Changes are a matter of life, and just like the seasons inevitably change, there is also inevitable change in our club as well. Ted Kraver has stepped back from his front line Contest Director role, and Jeff Hanauer has stepped into his shoes to take the wheel and steer the Carrier Plus Scale Contest for this and future Carrier commitments for the club. Join me in expressing thanks to Ted for his years of devoted service in running the Carrier contests, and along with his wife Bobbie, hosting one of the best banquets held in the modeling community each year. Yes, we will miss the food and Pete Mazur's wine testimonials, but most of all we will miss our gracious host and hostess. Ted's not going anywhere, he is just concentrating on his building and flying. If you have seen his new little Tigercat, you can tell it is time well spent.

Elections will be upon us at the November meeting, and there will be some required changes there as well. I will not be able to serve as your president in 2011. I'm not going anywhere either, but my work situation, which

was stable in years past and allowed me to serve, has changed enough to where I don't have the available time that I once did. Please be thinking, not only about whom you want for President, but who you will keep in office as well as whom you will replace. Consider that Jeff Hanauer is now serving a Secretary-Treasurer instead of just the Treasurer. Do we as a club want to keep that arrangement in future years? Or, independently fill each office.

We will need folks to step up and help with the contests that we host, or we should consider downsizing the contests like the Southwick Memorial to a simpler format with limited events.

Deeper in this newsletter you will see coverage of the Cholla Choppers annual 1/2A Multi Engine Profile Scale. Three of our members: Ted Kraver, Sergio Garza, and LeRoy Black had entries in this event. Take a minute and ask them if they had fun. I know I did, and I'm working on my secret twin engine weapon so that I can fly next year as well. I recommend that if you are interested, you get started right away. These little monsters can really eat up some building time. See you at the field, Happy Trails, Ken

Ted the eD



I sure had a lot of fun over the past year designing and building the Tigercat. I decided no throttle, upright engines and to match the three view exactly. 40 points would you believe. Every thing is inside, including bell crank and tanks in nacelles. I spent a lot of time on the little nuances like the complex shape of the 4 wing mounted radiator inlets and many hours on the panel and other lines. I build the 35 inch wing span airplane of foam and contest balsa, with built up nacelles, fuselage and all flying surfaces. Still needed lead in nose to balance. Finish is lite glass on wings and carbon vail in fuselage and tail—plus automotive filler, color/clear coat. Knowing I will need an other year to complete the detailing, I have a detachable canopy, line guide and wheels. Cheers Ted

Cholla Choppers—1/2 A Multiengine Profile Contest October 16-17, 2010

Limited		ACCURACY	COLOR	FLIGHT	SCORE
LOU WOLGAST	DH-88 Comet	39.5	38.5	26.5	104.5
KEITH TROSTLE	Westland Whirlwind	38.5	38.5	26.0	103.0
LEROY BLACK	Sea Hornet	39.5	36.0	25.0	100.5
BOB WHITELY*	Reno 1991 Pond Racer	37.5	37.5	23.5	98.5
ED CAPITANELLI	F7F Tigercat	36.5	35.0	24.5	96.0
JOHN STEVENSON	XF5F-1 Skyrocket	38.0	15.5	22.5	93.5
BILL HEYWORTH	XF5F-1 Skyrocket	31.5	32.0	26.5	90.0
ALLEN BRICKHAUS*	Dornier DO-335	33.0	29.5	25.5	88.0
SERGIO GARZA	Martin B-26	33.0	33.0	22.0	88.0
TED KRAVER	F7F-3 Tigercat	40.0	36.0	0	76.0
Unlimited					
CHARLIE REEVES*	Chance Vought FX-5U	38.5	38.0	60.5	137.0
KEITH TROSTLE	Boeing XB-47D	39.0	38.5	34.5	118.0
LEROY BLACK	FW-191	38.5	38.5	29.5	106.5
* PROXY PILOT	KEITH TROSTLE				

Many of Photos by Rickii Pyatt



The contest started at a Cholla Choppers meeting with a show and tell—Keith Trostle and his Whirlwind. It finished Sunday afternoon with beautiful weather and group shots of most of the participants and the winners.





Keith Trostle's Westland Whirlwind (112 produced) and Bill Heyworth's Grumman Skyrocket (prototype only) heavy fighters were designed in the 1930's. Both were followed by more modern designs: Westland Welkin (prototype only) and Tigercat (338). Single engine fighters dominated WWII, but the twins make great models.



These three marvelous planes have been campaigned for one or more years. Mike Keville is the founder of the 1/2A multi-engine profile contest and decided to be score keeper this year. His A-26 Counter-Invader stayed on the ramp. Being a fine artist his panel lines were colored pencil accented with chalk. Bill Capitanelli's Marine F7F had in-you-face white panel lines on dark Sea Blue. Lou Wolgast decided on fine black lines on magnificent red.



Neither Bob Whitney's F-81 nor the Russian Bear TU-95 were entered to fly this year. Keith Trostle decided to make a final flight on his Boeing XB-47D this year. After a very satisfactory then challenging final flight with 2 turning. It now goes on the





Keith Trostle was a busy, busy man. He had recently participate in the sister 1/2 A Multi-engine profile scale contest in St Louis. He brought 6 planes to the contest and flew 5. Three were proxy planes from Bob Whitney, Florida— Pond Racer; Allen Brickhaus Illinois — Dornier DO-335; and Charlie Reeves, Kentucky — Chance Vought FX-5U Pancake. Charlie has a pioneer in Navy Carrier with the MO-1 and his FX-5U is notoriously difficult to get into the air within nosing over. But Keith successfully flew all 5 planes and secured 3 of the 6 trophies.



It was a challenge, but Sergio Garza persisted and with both Cox Black widows running had a good flight of his B-26. John Stevenson from Western Pennsylvania came out to fly his SkyRocket. This twin diesels really powered the "Rocket." Dad serves as pit man.

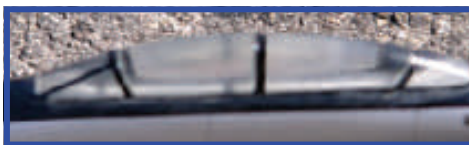
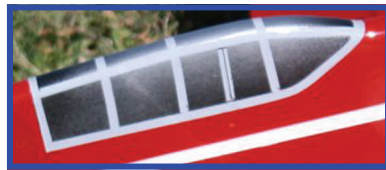
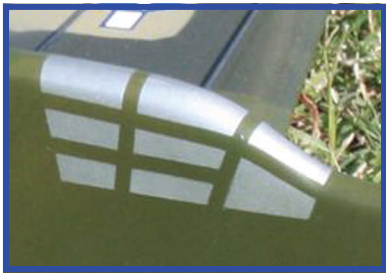


I brought my take apart test table to prepare the F7F-3 for flight. Slight problem. I had to shorten the built-in tanks by 1/8th inch and I must have soldered a fuel pick up tube shut. I will be flying next year!



There were a wide range (counterclockwise) of engines from 049 Cox, diesels from Ed Carlson, Novel .049-.061, and the red head CS .061 which are Chinese knockoffs of the Norvel. Also from Ed Carlson.



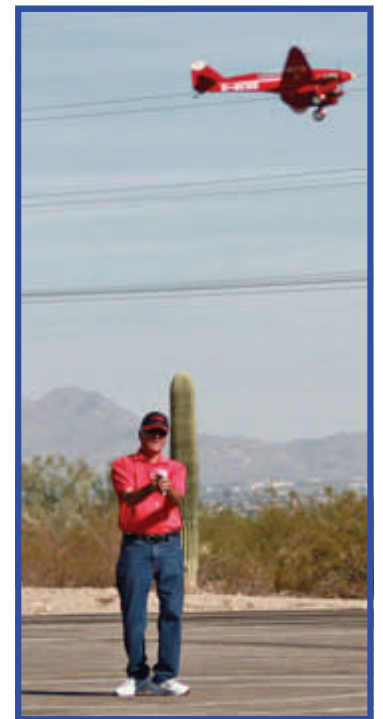


Lou Wolgast and his DH-88 Comet. Bottom view detail by Leroy Black and his Sea Hornet.

Profile canopies have always been a challenge for scale builders. Starting at 9 o'clock and going counter clockwise are the opaque wood renditions with a variety of techniques. White frames and subtle shading give the illusion of transparency. Silver cockpit masked off from main body color is a simple solution. Lines over white is also a neat presentation. The most unique is the silhouettes against light blue of both pilot and radar. The use of blue fringing on white gives a sharp graphical presentation. The gray with blue high lights is more impressionistic. Finally, panel lines on the main fuselage paint gets the job done.

On the left we four different types of clear plastic canopies. The first two are molded plastic sheet with painted frame lines. These have partial cockpit and crew observation interior build ups. The frames are molded into the blue canopy which is a commercial canopy that just happened to be the right size. It is attached with very small screws so that the canopy can be removed. This allows access to the cockpit area and pilot for continuous enhancement. The thin plastic profile canopy is shaped and translucent, giving a nice effect. The final canopy is solid plastic, shaped to size with frames painted on.

I like to have pilots in my flying aircraft for that extra touch of realism. Two of the twelve had pilots and three paid attention to the interiors of the cockpit.



CHOLLA CHOPPERS MODEL AIRPLANE CLUB

PRESENTS THE

THE 61ST SOUTHWEST REGIONALS CONTROL LINE CHAMPIONSHIPS

Flying Site Christopher Columbus Park (Silverbell) Tucson, Arizona

TROPHIES and AWARDS THRU 3rd PLACE

Saturday & Sunday --- January 29th & 30th, 2011. Class AA

CONTEST DIRECTOR: Warren Tiahrt; 39477 S. Moonwood Dr.; Tucson, AZ. 85739; Ph. 1-(520)-825-3665

SATURDAY EVENTS

1/2A COMBAT (Tucson Rules; Double Elimination)
*75MPH COMBAT

*OLD TIME STUNT
*CLASSIC STUNT

SUNDAY EVENTS

FAI COMBAT (FAST) (Double Elimination) If Time Both Days

AMA PROFILE CARRIER (Glow)
AMA CLASS I CARRIER (Glow)
AMA CLASS II CARRIER (Glow)
*.15 CARRIER (Glow)

AMA PRECISION AEROBATICS SKILL CLASSES:

BEGINNER (On Grass)
ADVANCED

INTERMEDIATE
EXPERT

Pull Test and Line Sizes for Stunt Events will be per the current rules for AMA Precision Aerobatics (2009 – 2010).

Stunt Scoring for Classic and the Skill Classes will be per the current rules for AMA Precision Aerobatics (2009 – 2010).

UNOFFICIAL CARRIER EVENTS FOR SUNDAY:

SkyRay (Glow & Electric), Class I (Electric), Class II (Electric), Nostalgia, Sportsman Profile, Profile (Electric), and 15 Carrier (Electric).

**ENTRY FEES (No Penalty for Late Entries): OPEN \$15.00 first event, \$5.00 each additional event.
JR/SR \$5.00 one time charge.**

AMA License Required -- Available at the flying site.

COMBAT, CARRIER, BEGINNER STUNT, ON GRASS CIRCLES. CARRIER DECK CLOSES AT 3:00 PM Saturday and 2:30PM SUNDAY. STUNT (except Beginner) ON ASPHALT CIRCLES.

AMA RULES AND REGULATIONS APPLY - *Special Event rules available upon request.

SATURDAY Jan 29th: Combat pilots meeting 9:00AM (1/2A & FAI Combat are Double Elimination). Stunt pilots meeting at 8:30AM, Scale pilots meeting at 9:00AM. **Registration for Stunt (Old Time & Classic) closes at the start of the first official flight (between 8:45 & 9:15AM).** Registration for all other events closes at 10:00AM.

SUNDAY Jan 30th: Combat pilots meeting 9:00AM (FAI Combat Continued). Stunt Pilots meeting 8:30AM. Carrier deck opens at 8:00AM. **Registration for Stunt (PAMPA Classes & Profile) closes at the start of the first official flight between 8:45 & 9:15AM.** Registration for all other events closes at 10:00AM.

SAFETY THINGS REQUIRED FOR ALL EVENTS (Except Racing).

NO ALCOHOLIC OR CONTROLLED SUBSTANCES will be permitted at the Control Line site while contest is in progress. Contestants considered under the influence will not be allowed to fly. THANKS for your cooperation.

2011 Membership Campaign "Underway"

Send your \$20.00 (Annual) plus all this wonderful contact information:

Jeff Hanauer
CACLC Treasurer
2813 N. 21st Street
Phoenix, AZ 85006

First _____ Last _____ AMA # _____

Street _____ City _____ State __ Zip _____

Phone _____ email _____



Interests: Building __; Flying __; Engines __;
History __; Management __; Designing __;
Hanging around and chatting __; Stunt __;
Speed __; Combat __; Racing __; Navy Carrier __;
Scale __; Sport __; Display __; Photo __; Writing __.

Judges Ken Gulliford of CACLC and Robin Sizemore of Cholla Choppers just having too much fun. With two F7F-3 Marine Tiger Cats to judged, they reference the Signal Squadron book for color and 3-views.



Free Advertising For Club Members and Other Friends of CACLC

Excalibur Model Fuels Custom Blended to Your Specifications: Mark Smith 623-877-8968 or email . Nitro is available and source is reliable. rainy-daysmith@cox.net



Speed Equipment and Custom Machining: George Brown III, 480-491-0902 roxane1031@hotmail.com

Control Line Kits and Imported Diesel Engines: Ed Carlson 602-863-1684 carlsonengines@juno.com.

Handles and Custom Machining: Bob Christ 623-581-7508 azpropnut@aol.com



Custom Fiberglass Performance Props: Steve Eichenberger 480-730-0016

Syringes, blue fuel line, line clops, mounting nuts, cap screws, motor mount bolts, Nick Lemak 623-572-0956 NLEMAK@cox.net



Decal restored or produced at a nominal cost. Bill Calkins <http://billsdecals.com>

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