

Carrier Wave

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

CLUB OFFICERS	Work	Home
President – Ed White	232-1479	(636) 441-6431
Vice President – Frank Thomas		(636) 394-1546
Secretary – Jan Jansen	234-2459	(314) 921-9420
Treasurer – Dan Sundman	777-9204	(636) 281-0676
Safety Officer – Dave Evans		(636) 332-1980
Boeing Rec Counselor – Mitch Galatioto	234-5141	(636) 447-5484
Field Manager – By Committee		
Chief Flight Instructor - Jan Jansen	234-2459	(314) 921-9420
Activities Committee Chairperson - Dan Abel		(314) 830-0138

Board of Directors:	Work	Home	Send Membership Renewals to:
Ed White	(314) 232-1479	(636) 441-6431	Jan Jansen
Jim Wortkoetter	(314) 777-8953	(636) 947-1034	16724 North Fork Ridge Dr.
Mitch Galatioto	(314) 234-5141	(636) 447-5484	Florissant MO 63034

Send Newsletter Items to:

ED. Dave Evans Phone (Home) (636) 332-1980
4214 Bedford Creek Ln. Email: editor07@phantomflyersrc.com
Wentzville, MO 63385

May 2007

Upcoming Events/Important Notices

14 May, Carrier Fun Fly/Cox Pylon Race

16 May, Club Meeting at Flying Field

19 May, Swap Meet

26 May Float Fly at Innsbruck

2 June, Pattern Seminar at Field

10 June, Family BBQ and B-A-P at Field

Articles, pictures, and tech notes for publishing in the Carrier Wave are always appreciated. Please submit articles a week and a half before the meetings. Please send pictures, preferably in JPEG format, in separate files from text files. Text should be in MS Word format, simple text file format, or some format that MS Word can read. Indicate where pictures should be in the text with a note in parentheses such as (Picture ABCDC001.jpg goes here). I will integrate text and pictures in my page layout program.

Thanks,



AMA Club # 393
Phantom Flyers
St. Charles, Mo RC Club



Minutes April 18 2007

Vice Pres Frank Thomas called the meeting to order at 7:10 PM.

New members: Matt Statzer and Neal Coval. Matt is returning to the club and Neal is all new to the club.

Tech session this month. Dan brought in his Airhog biplane, a small foam biplane with twin motors. The included controller controls the motors only. \$30 complete.

Secretary report from Dan Sundman was approved.

Treasurer report approved.

Activity report from Mitch: Employee Health and Fitness Day 10:30AM to 1:30PM May 16, 2007

Location: Bldg 33 Cafeteria. Boeing will celebrate National Health and Fitness Day by spotlighting the Recreation Clubs. Visit the event in the Bldg 33 cafeteria during lunchtime to view all the great activities offered to you as a Boeing employee. Our club will participate with airplanes to show.

October 6th will be Boeing family day. Be prepared to participate!

GLSMA. No report.

Safety Report from Dave Evans. Nothing to report.

Field manager report from Mitch. Mowing schedule is out. Please review data for accuracy. Some of the data is known to be out of date. Mower is on the trailer. Let the guard know what you are doing. Reminder, retirees needs to be escorted. Remember to trim the edge of the field.

Picnic table repairs: Repairs using existing frame and fire retardant material estimated at \$300. Club decided the cost was too high. \$100 was approved to repair the tables with wood.

Club activities: Rocket launch April 21 at 10. Need members to bring demo planes.

Pylon racing, Cox Warbirds, May 6th. Float Fly May 26th.

Swap meet: Two businesses signed up. Spectrum radio will be raffled. Friday evening set-up needs limited number of people around 5. Saturday help needed. Most jobs are not physical.

No takers so far for club table.

New Business:

Will have large model demo at the club BBQ. Fun Fly event. Bring something to fly or display. Do not forget the Build a Plane contest. There will be prizes. The fun fly was approved as an open event. Dale Morgan to CD.

Event Schedule for 2007

EVENT	2007 DATE	DAY	2007 CD
SNOW FLY	1-Jan	MON	
CLUB MTG @ SR CENTER	17-Jan	WED	CLUB PREZ
CLUB MTG @ SR CENTER	21-Feb	WED	CLUB PREZ
CLUB MTG @ SR CENTER	21-Mar	WED	CLUB PREZ
CLUB MTG @ SR CENTER	18-Apr	SAT	CLUB PREZ
PACK 30 ROCKET LAUNCH	21-Apr	WED	DAN SUNDMAN
CARRIER FUN FLY / COX PYLON	14-May	MON	JAN JANSEN
CLUB MTG-FIELD	16-May	WED	CLUB PREZ
SWAP MEET	19 May	SAT	TIM WORTKOETTER
FLOAT FLY : 9:30 AM -12	26-May	SAT	DON VETRONE
PATTERN SEMINAR 12 NOON	2-Jun	SAT	ED WHITE
FAMILY BBQ / B-A-P / COX PYLON	10-Jun	SUN	CODY MORGAN
CLUB MTG - FIELD	20-Jun	WED	CLUB PREZ
FIELD PREP FOR ELECTRIC FLY	14-Jul	SAT	
CLUB MTG - FIELD	18-Jul	WED	CLUB PREZ
ELECTRIC FLY	21-Jul	SAT	
ELECTRIC FLY	22-Jul	SUN	
CARRIER FUN FLY / COX PYLON	5-Aug	SUN	
CLUB MEETING - FIELD	15-Aug	WED	CLUB PREZ
FIELD PREP FOR CONTEST	18-Aug	SAT	ED WHITE
PATTERN CONTEST	25-Aug	SAT	BILL AHRENS
PATTERN CONTEST	26-Aug	SUN	BILL AHRENS
FIELD PREP FOR HELICOPTER FLY	8-Sep	SAT	
HELICOPTER FLY IN	15-Sep	SAT	
CLUB MTG @ SR CENTER	19-Sep	WED	CLUB PREZ
CARRIER FUN FLY / COX PYLON	29-Sep	SAT	
CLUB MTG @ SR CENTER	17-Oct	WED	CLUB PREZ
CLUB MTG @ SR CENTER	28-Nov	WED	CLUB PREZ
CHRISTMAS DINNER	1-Dec	SAT	CLUB PREZ

ORCHARD FARM RC FLYERS

OPEN HOUSE

June 9, 2007

Saturday 9:00 am to 4:00 pm

Come And Join Us Celebrate Our New Field!



Location: North St. Charles County, MO

Directions: From Hwy 370 - Go North on State Hwy 94 about 7 miles
Left on Highway V (Orchard Farm Road)

Pass Orchard Farm High School, then Right on Marris Becket Road to Field

- Absolutely Huge Unobstructed 10 Acre Grass Field, 800 ft runway
- **AMA Membership Required**
- **Open Fly Event - All Aircraft Welcome**
- Pilot Fee \$10
- Concessions Available
- Transmitter Impound in Effect - All Pilots Must Register
- Prizes to be Ruffled – Drawing at 3:00 pm
- Contact: Jim West (uncaz@yahoo.com)
- We were formerly known as The Propnuts of St. Peters

Website: <http://www.orchardfarmrc.com/>

SIG Manufacturing is having an R/C Fly-In & Picnic on Jul 9 & 10, 2007 at Sig Field in Montezuma, Iowa. Entry Fee \$15, the Picnic is free. For more info:

SIG Manufacturing Company, Inc
P.O. Box 520
Montezuma, IA 50171-0520

Phone 641.623.5154
Email - mail@sigmfg.com

Pack 30 Rocket Launch 21 April 2007



April 21 dawned bright, clear, and warm an almost perfect day for launching rockets. There was a stiff breeze, but more of that later. Dan Sundman and his chief helper and son, did a great job of hosting the event. Pictures to the right and below show the Cub Scouts gather for launch instructions and basic rocketry instruction.

Scout leaders give instruction in rocket assembly, operation, and safety, the most important lesson. Obviously, the young scouts are very interested and very attentive to their leader.



The scouts and their helpers set up for the first launch. Again, safety was an important concern.

There were lots of spectators for this event. Everyone seemed to have a great time.



The launches went off without a problem. At least 80% to 90% of the rockets lifted off as planned. There were some spectacular flights with the rockets reaching altitudes of hundreds of feet. Generally, the parachutes deployed as planned and the rockets floated gently back down to earth.



Subsequent launches went even better than the first. The young scouts and their adult helpers got more experience as the day progressed. Each succeeding launch got to be more successful in terms of rockets away.

There was a stiff breeze! One or two of the spectacular flights ended with the rocket parachuting to earth half a mile to a mile downwind. At least one team elected to write off their rocket rather than trudge the mile through a soft farm field necessary to retrieve it. Most landed 200 to 300 yards away and were retrieved without difficulty.



There were airplanes and a helicopter for display and any questions the Cub Scouts had were answered. The breeze limited flying, but there was a lot of interest in the models.

The event was a success again this year thanks to Dan Sundman's enthusiasm. Thanks to all other club members who watched, participated, and displayed aircraft.

COX Warbird (Practice) Pylon Race May 14, 2007

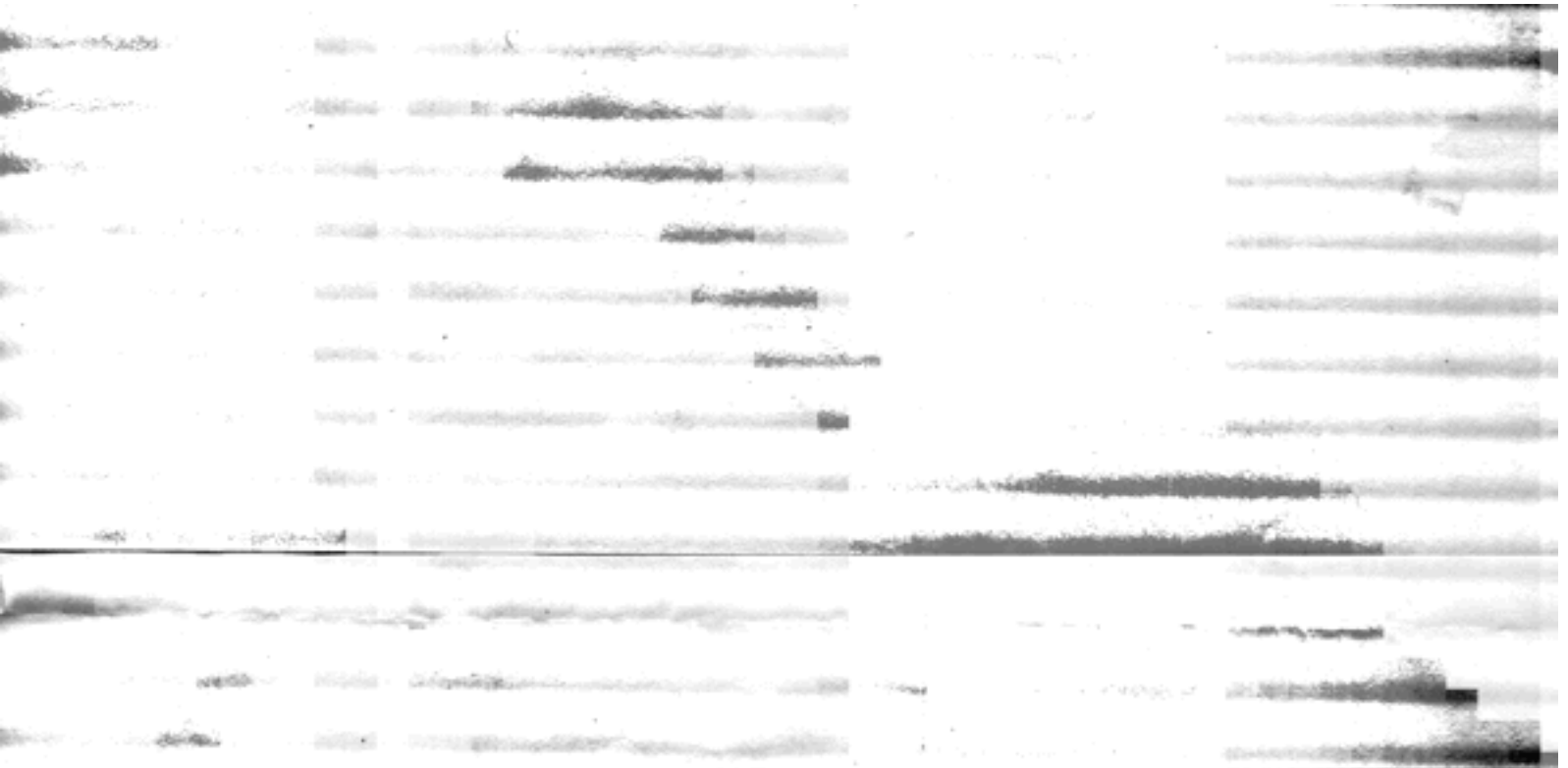
Four intrepid pilots and aircraft arrived for the first Cox Warbird Pylon Race. As there were only four and it was windy, it was decided this would be a practice race. Dave Evans made a practice flight which went very well until the "landing" broke the fuselage in two pieces. One airplane down before the race even started. Jan Jansen, Kevin Cox, and Ed White successfully launched for a flying start.



Unfortunately, the aircraft piloted by Kevin Cox inadvertently contacted to ground before finishing the race. Second airplane down. Ed White and Jan Jansen managed to finish eight laps of the pylons without incident. Ed White was the winning pilot.

Everyone had a great time. The spectators (there were four pylon race groupies and the two downed pilots) had a great time cheering on the participants as well as working as pylon judges. The two early crashed aircraft are repairable and will be ready for the next race.

Race rules are at the end of this Carrier Wave. Get your airplanes ready and join in the fun!



Cox War-bird Pylon Race Rules

Object: Have as much fun as possible for as many pilots as possible.

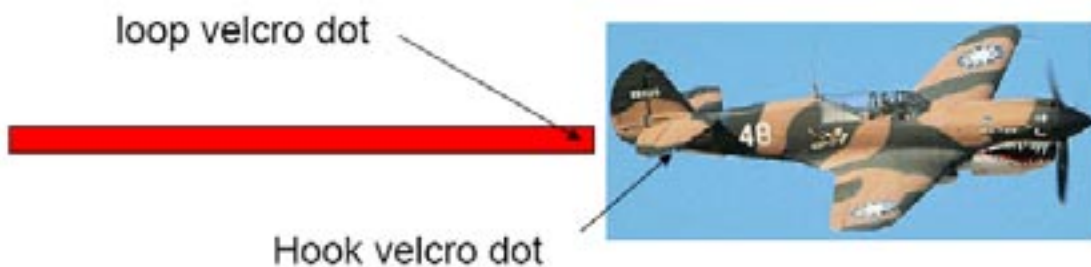
Secondary object: Determine a winner and to rank all the pilots.

Airplane:

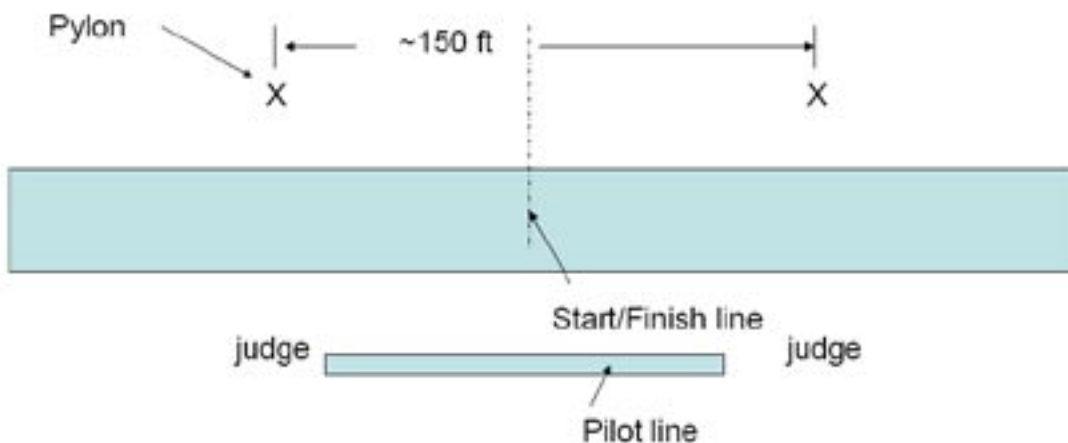
Build the Cox Warbird kit *stock* with the following *exceptions*:

1. Ailerons may be added.
2. Hatch(es) to get to the radio/battery may be added.
3. You must use a two cell LiPo or a 6 cell NiCad/NiMh.
4. Decal/Marking variation is allowed.
5. Use of included charging jack/switch is optional.
6. No restrictions on radio equipment.
7. No restrictions on control linkages.

For ID purposes a $\frac{3}{4}$ inch wide, 18 inch long ribbon will be attached to the aft end of each Warbird. We will provide the ribbons. The streamer will be attached using a approx $\frac{1}{2} \times \frac{3}{4}$ in square or round velcro dot. The hook half shall be attached to the aircraft. A different color ribbon will be supplied to each pilot for each race



Race Course:



Race specifics:

1. Eight laps on a two pylon race course. Judges will count laps.
2. No additional laps after the winner has crossed the finish line. Finishing order will be based on the next time a pilot crosses the finish line.
3. Flying start, with count down to race start.
4. Race proceeds counterclockwise. (Go fast, turn left).
5. If you “cut” a pylon, you must re-circle pylon before continuing race.
6. A judge will call the ribbon color of the offending Warbird (Ex: “Red, cut”). No calling for successful turn.
7. Retrieval of downed airplanes in the “race safety zone” is prohibited during the race and during the last 30 seconds of start countdown. Retrieved airplanes can re-enter the race if retrieved and launched outside the “race safety zone”.
8. Officials will be taken from the pilot ranks and any available volunteers. One start/finish judge, and two pylon judges minimum. Start/finish judge will count down the start, call any cuts at the start line, count lead airplane laps (Ex: “Lap 1”----“Lap 10”) and record the finishing order.
9. Racing is hazardous. Mid-air can be expected! If ribbon is cut by another racer continue racing continued racing is (TBD prior to race since this may be an advantage).
10. Two qualifying rounds and one final round. Each round will have two races (depending on the total number of airplanes, 6-10 pilots assumed). Ideally 4 planes each race. First round based on random draw. Second round based on mixing first round racers. Final round will separate the slower (silver final) and faster (gold final) halves of the field. See race matrix.
11. Scoring: For each race the points are as follows:

Finish	Points
1st	5
2nd	3
3rd	2 or 1*
4 th , 5 th and 6 th	1
No finish/disqualified	0

*If race runs with 3 airplanes, third place finisher gets 1 point.

Race matrix:

Number of races depend on number of pilots. The race size will depend on total number of airplanes and any frequency conflicts. Matrix for 6-10 pilots *assuming no frequency conflict*.

Round	Race	Pilots
1	1	Random draw, 3-5 pilots
	2	All not in race 1
2	1	1 st and 2 nd finisher round 1 race 1 2 nd and 3 rd finisher round 1 race 2
	2	All not in race 1
Final	1 (silver)	Lower half of total points
	2 (gold)	Upper half of total points

12. Winner! Winner is the pilot with the highest total score. In case of ties the final round score determines rank. Traveling trophy(?): After all we do need to give the winner something to brag about.
13. **All rules will be discussed during pilot orientation. Since this is intended to be fun all suggestions will be fairly discussed and determined by the pilots as a group.**