

NEWS OF NORTHWEST CONTROL-LINE MODEL AVIATION

1073 Windemere Dr. NW, Salem, OR 97304

Editor: Mike Hazel

APRIL 1995 ISSUE #121

In this issue: Carrier Notes, by Joe Just
 Contest Calendar
 Record Review: Profile Carrier
 And a few other things!

Now that spring has sprung, the contest season will start getting busy. Just around the corner is the CBBB Balsa Bash the first weekend in May. This is a great meet, and you are encouraged to attend. It is situated at the Columbia Point Marina park, which will be one of the sites used at the Nats. If you haven't been here before, and are planning to attend the Nats in July, we suggest you come in May and get a feel for the area. (not that it takes getting used to!)

At the end of May is the traditional NW Regionals in Eugene. Guest speaker at this year's Saturday night banquet will be John Lowry, from Fox Manufacturing. Many are looking forward to this. Remember that advance registration is needed to guarantee a seat at the banquet. If this is something you still need to do, then best you contact the contest director pronto for a form. (address in the contest calendar section).

There has been some talk regarding the limited engine use list for NORTHWEST GOODYEAR. It seems that within the last couple of years, many new engines have become available which look like possible candidates for inclusion. We are still soliciting input on this matter. Bill Darkow wrote in with some comments: *".....Regarding NW Goodyear engines: Since the sole criteria for inclusion on the list of eligible engines seems to be their retail cost, I have no objection to any engine that retails for under \$100.00. The Cox Conquest from RJL is now over \$100. Another thought might be to make it a claiming race. The winning engine could be purchased by anyone for its retail price, max. \$100." "There are many good 2.5 cc diesels available for under \$100 retail. Except for fuel economy, diesels have no technological advantage over glow. When they were first introduced in Clown Race, there was some talk of banning them, but performance history has shown that diesels are competitive, not overwhelmingly superior....."*

Actually, it is not official stance that the engines must retail under \$100, since that isn't in the rules, but certainly it has been an unwritten intent. Another intent has been to keep airspeeds below 100 mph, which there has been no problem with. Bill also raised another good point in regards to diesels. Although they are not on the engine list, by virtue of the general racing rules they have been allowed, since they are not specifically banned. Perhaps it is time that this point is clarified. Also, how about glow conversions to diesel? Any problems with that? Again, your input is solicited.

Help is still needed at the Tri-Cities CL Nationals. All kinds of jobs must be done, such as pit boss, cleanup, medical volunteer, etc. etc. This is a good way to get up close to the action. For more information you can contact: George F Vargo, Jr. (509)375-0098 or Paul Rice (509)627-3142

NORTHWEST CL CONTEST CALENDAR

THE FOLLOWING LISTING IS A SUMMARY OF ALL KNOWN A.M.A. AND M.A.A.C. SANTIONED EVENTS AS OF 4-17-95. FOR FURTHER INFORMATION, PLEASE CONTACT THE INDIVIDUAL LISTED. CONTEST DIRECTORS AND CLUB LEADERS ARE ENCOURAGED TO CONTACT FLYING LINES AS SOON AS POSSIBLE WITH THEIR PLANS, INCLUDING ANY REVISIONS.

MAY 6 & 7, RICHLAND, WASHINGTON

MAY Balsa BASH V

EVENTS: CLASS I MOUSE RACE, NW SUPER SPORT RACE, NW GOODYEAR, FLYING CLOWN RACE, PROFILE CARRIER, CLASS I & II CARRIER COMBINED, .15 CARRIER, NW RECORD RATIO SPEED, AMA RECORD RATIO SPEED. SITE: COLUMBIA POINT MARINA PARK CONTACT: PAUL RICE (509) 627-3142 SPONSOR: COLUMBIA BASIN Balsa BASHERS

MAY 26,27,28, EUGENE, OREGON

NORTHWEST CONTROL-LINE REGIONALS

EVENTS: PRECISION AEROBATICS- FOUR PAMPA CLASSES, OLD TIME STUNT, CLASSIC STUNT, AMA FAST COMBAT, SLOW COMBAT, 1/2 A COMBAT, 80 MPH COMBAT, PROFILE CARRIER, CLASS I CARRIER, CLASS II CARRIER, .15 CARRIER, CLASS I MOUSE RACE, CLASS II MOUSE RACE, RAT RACE, AMA SLOW RAT RACE, AMA SCALE RACING (GOODYEAR), NW GOODYEAR, NW SPORT RACE, NW SUPER SPORT RACE, AMA PRECISION SCALE, AMA SPORT SCALE, PROFILE SCALE, 1/2 A SPEED, A SPEED, B SPEED, D SPEED, FAI SPEED, JET SPEED, FORMULA 40 SPEED, .21 SPORT SPEED, .21 PROTO SPEED, 1/2 A PROTO SPEED. JUNIOR CATEGORIES FOR: NWSR, NW GY, MOUSE RACE I, 1/2 A PROTO.

SITE: EUGENE AIRPORT CONTACT: CRAIG BARTLETT, 2025 NE CEDAR LANE, CORVALLIS, OREGON 97330 (503) 745-2025 SPONSOR: EUGENE PROPSPINNERS

JUNE 17, RICHLAND, WASHINGTON

EVENTS: OLD TIME STUNT, GX COMBAT
SITE: BURBANK SCHOOL CONTACT:
DAVID THOMPSON (509) 663-3929
SPONSOR: COLUMBIA BASIN Balsa
BASHERS.

JUNE 24 & 25, KENT, WASHINGTON

JIM PARSONS MEMORIAL
STUNTATHON CONTEST

EVENTS: PRECISION AEROBATICS- PAMPA CLASSES, OLD TIME STUNT, CLASSIC STUNT, MYSTERY EVENT. SITE: BOEING FIELD CONTACT: BOB EMMETT, 17972 W. SPRING LAKE DR, RENTON, WA 98055 (206) 432-5808 SPONSOR: SEATTLE SKYRAIDERS

JULY 8-16, RICHLAND, WASHINGTON

A.M.A. NATIONALS FOR CL

JULY 29 & 30, RICHMOND, B.C.

P.A.C. INVITATIONAL

EVENTS: FLYING CLOWN RACE, .15 SPORT RACE, NW SPORT RACE, OLD TIME STUNT, PRECISION AEROBATICS. SITE: RICE MILL ROAD CONTACT: ??????? SPONSOR: PACIFIC AEROMODELLERS CLUB

AUGUST 19, RICHLAND, WASH.

EVENTS: 1/2 A COMBAT, GX COMBAT
SITE: BURBANK SCHOOL CONTACT:
DAVID THOMPSON (509) 663-3929
SPONSOR: COLUMBIA BASIN Balsa
BASHERS

SEPT 2 & 3, COQUITLAM, BC

VGMC CAN-AM SPEED
CHAMPIONSHIPS

EVENTS: ALL CLASSES OF SPEED
SITE: UPPER COQUITLAM RIVER PARK
CONTACT: BRUCE DUNCAN, PO BOX 58037,
STN. L, VANCOUVER, BC V6P 6C5
(604)855-7295 FAX (604) 855-7285
SPONSOR: VANCOUVER GAS MODEL CLUB

SEPT 16 & 17, KENT, WASHINGTON

1995 RAIDER ROUNDUP

EVENTS: AMA RECORD RATIO SPEED, NW
RECORD RATIO SPEED, CLASS I MOUSE
RACE, FLYING CLOWN RACE, NW SPORT
RACE, NW SUPER SPORT RACE, NW
GOODYEAR, BALLOON BUST, .15 CARRIER,
PROFILE CARRIER, CLASS I & II CARRIER
(COMB.), PROFILE SCALE, SPORT SCALE,
OLD TIME STUNT, CLASSIC STUNT,
PRECISION AEROBATICS (BEG/INT)(ADV)
(EXP) SITE: BOEING SPACE CENTER FIELD
CONTACT: DAVE GARDNER, 17210
109TH PLACE SE, RENTON, WASH 98055
(206) 226-9667 SPONSOR: SEATTLE
SKYRAIDERS

OCT 7 & 8, RICHLAND, WASH.

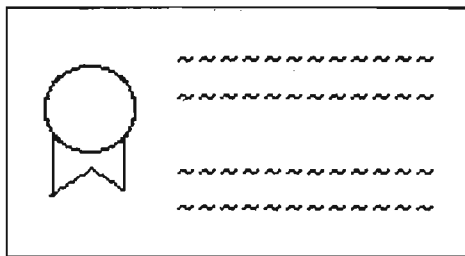
DESERT CARRIER BASH

EVENTS: PROFILE CARRIER, .15 CARRIER,
CLASS I & II (COMB) CARRIER, OLD TIME
STUNT, & TENTATIVE RACING EVENTS.
SITE: HORN RAPIDS ATHLETIC COMPLEX.
CONTACT: JOE JUST (509) 837-5983
SPONSOR: COLUMBIA BASIN Balsa
BASHERS.

OCT 21 & 22, EUGENE, OREGON

REALLY RACING & FALL FOLLIES

EVENTS: PRECISION AEROBATICS, AND
MOST ALL RACING EVENTS. DETAILS
TENTATIVE. SITE: EUGENE AIRPORT
SPONSOR: EUGENE PROSPINNERS.



RECORD REVIEW

DETAILS OF NW RECORD PERFORMANCES

Todd Ryan of Pasco, Washington set the NW record for PROFILE CARRIER on May 7th of last year at the CBBB Bash in Richland. He used the popular Martin MO-1 design to do the deed. Here are the specs on the plane: basic construction materials were balsa, maple, and plywood. The wing spans 38 inches, with 408 inches of area. The tail is 18 inches, with 83-1/4 inches of area. Overall fuselage length is 28 inches. Three ounces of tip weight was used, as was a line slider system.

The engine is a K&B 5.8 cc with no modifications. The carburator is an O.S. unit, model 4BK, and an exhaust baffle was also employed for throttle. Engine was fed with a Dubro 4 ounce tank. Fuel is Sig 35% nitro, and a Fox Miracle 4 cycle plug was used. Todd says he can't remember for sure what prop was on there that day, but believes it was a Rev-Up 9 x 6.

Score breakdown: Hi speed: 78 mph, Lo speed: 179 seconds, landing: 100 pts, and 10 scale points. This makes a total of 265.21 points. Todd also noted that prior to the contest, he put in a lot of practice, at least 20 flights per week for a month. (practice does pay off!) Todd also wanted to acknowledge special thanks to Joe Just for help and encouragement along the way, and also thanks to Dave Green and Loren Howard for help with the engine.

FLYING CARRIER AT THE NATS

For the second time in six years, the AMA "Nats" will be in the the Tri-Cities, Washington! If you missed it the last go around, or if you have never attended this extravaganza, this may be the year you decide to come and take it in. perhaps, this could be the year that you enter the Nats for the first time and compete against the best the country has to offer. If you are contemplating entering carrier this year, I can offer you some suggestions, based on my attendance over the last several years.

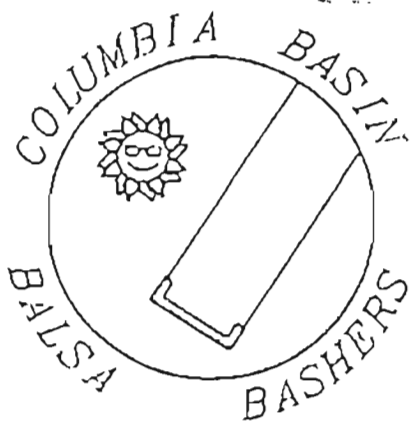
First and foremost, you must expect to come prepared! Know the rules! And bring the proper documentation, because unlike most of the carrier events you may have attended, the very first thing you will be expected to do is to pass muster at processing. The processing procedure takes place the evening before the actual competition. This year Profile processing will be held on Wednesday evening at the Marina flying site, and Class I & II will be done on Thursday evening.

The first thing you will have to do is fill out two sheets of information; one for the processing judges, the other for the carrier society bulletin. Your plane will be gone over by several Nats workers, and they will be checking for weight, square inch areas, hook length, landing gear spread, leadout spacing, fuselage length, color/markings, AMA number, proof of carrier landing and takeoff, and scale appearance. Your plane will be weighed with prop on the engine to determine pull test requirements. You must also bring a three view of the plane you have modeled. After having your plane approved, it will be marked as being eligible for competition. If for any reason your plane does not satisfy the event director, you will have the opportunity to make corrections before the next days competition. One of the upmost important items is to be sure that you bring proof of eligibility. The event director will not take your word for it.

Don't be intimidated by the above, the processing is usually a time to meet new modelers and see what the competition is using. It really can be a fun time! It is also a time when you may be subjected to some mind games, but don't take it seriously, it's usually the sense of humor showing when this happens. Most rookies in any sport are often the "butt" of good natured fun, so just join in by saying something like, "boy, I hope I can get the usual 14 seconds on high speed with this plane like I did last week".....That will raise some eyebrows for sure!

Get a good nights rest, and show up early on the morning of competition. You will attend a pilots meeting for some clarification on rules, and you will be introduced to the team and their jobs will be explained to you. Unlike local contests, you will be entered into a lottery for flight positions for the first round. It will be the luck of the draw for the first round, and the exceptions will be made. If you are chosen to fly third, you will be expected to be there, or your name will be dropped to the last position. After the first round the rotation is on a sign up sheet only. You must pick up a pull test card at the officials tent and you will have to go through a pull test and line check for every flight. You will be told when you are to be in the ready area, and will have only five minutes to launch after you have been called to the circle, not five minutes after you get there! You will be on a clock, so be ready! After your flight, be sure to leave the circle as soon as possible. After the first round, things ease up a bit and you will not have to fly again until you are ready to put your name on the bottom of the flight list. Finally, if this is your first time to compete in carrier at the Nats, be aware that you will automatically be eligible for the rookie of the year

award that is given out each year by the Navy Carrier Society. This award is not necessarily given to the rookie with the highest score. It is given out based on several conditions involving; sportsmanship, interest, equipment, as well as other criteria. The most important thing other than knowing the rules is to have fun with our group. You will find competing against the best in the country a rewarding experience.....come and join in the fun!!!!!!!!!!!!



COLUMBIA BASIN BALSA BASHERS PRESENT...

MAY BALSA BASH V

**MAY 6 & 7 1995
COLUMBIA POINT MARINA PARK**

Events included will be:	CL 1 Mouse	(JSO)	8:30 am
(May 6)	N.W. Goodyear	(JSO)	10:00 am
	N.W. Flying Clown	(JSO)	11:30 am
	N.W. Super sport	(JSO)	2:00 pm
(May 7)	Carrier Class (1&2)	} (JSO)	9:00 am to 4:00 pm
	Carrier Class .15		
	Carrier Profile Class		
(May 7)	N.W. & AMA Record Ratio Speed	(JSO)	9:00 am to 4:00 pm

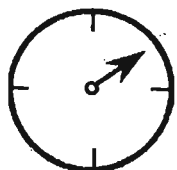
Note: Carrier deck open for practice Saturday, Speed circle open for practice Saturday 3:30 pm to 6:00pm

Trophies and merchandise to third place
 CD: Paul Rice (509) 627-3142
 Sponsor: Columbia Basin Balsa Bashers
 Entry fees: \$5.00/event, \$25 Max.

CONTEST RESULTS: RICHLAND, WASH., MARCH 18

NORTHWEST FLYING CLOWN RACE (9 ENTRIES)

1ST) TODD RYAN 249 LAPS 2) JOE RICE 244 3) JULIE RICE 223 4) BILL DARKOW 210



Northwest Competition Records

Record performances established between Northwest CL modelers in sanctioned competition

1/2 A SPEED	99.78	BRUCE DUNCAN	5-29-94	EUGENE, OREGON
A SPEED	151.07	CHUCK SCHUETTE	5-24-92	EUGENE, OREGON
B SPEED	156.87	RON SALO	5-29-93	EUGENE, OREGON
D SPEED	172.34	LOREN HOWARD	5-24-92	EUGENE, OREGON
JET SPEED	196.64	JERRY THOMAS	8-8-93	RICHMOND, B.C.
FORMULA 40 SPEED	153.13	MARTY HIGGS	6-26-94	RICHMOND, B.C.
21 SPORT SPEED	147.97	CHUCK SCHUETTE	9-12-93	KENT, WASHINGTON
FAI SPEED	168.56	BOB SPAHR	5-29-94	EUGENE, OREGON
1/2 A PROFILE PROTO	84.79	JEFF CLEAVER	9-18-94	KENT, WASHINGTON
21 PROTO SPEED	119.63	CHRIS SACKETT	6-26-94	RICHMOND, B.C.

MOUSE RACE I -50 LAP	2:43	JOE RICE	10-3-92	RICHLAND, WASH.
MOUSE RACE I -100 LAP	5:23	CLEAVER/CLEAVER	10-16-93	EUGENE, OREGON
MOUSE RACE II -75 LAP	3:40	DAVE GREEN	5-24-86	EUGENE, OREGON
MOUSE RACE II -200 LAP	10:04	HAZEL/THOMPSON	9-19-87	KENT, WASHINGTON
AMA SCALE RACE -70 LAP	3:25	MARTY HIGGS	7-20-89	RICHLAND, WASH.
AMA SCALE RACE -140 LAP	8:48	JOE RICE	7-17-93	LAWRENCEVILLE, IL
NW GOODYEAR -70 LAP	4:12	JOE RICE	5-30-93	EUGENE, OREGON
NW GOODYEAR -140 LAP	8:26	CLEAVER/CLEAVER	5-7-94	RICHLAND, WASH.
SLOW RAT RACE -70 LAP	3:10	HAZEL/THOMPSON	5-30-93	EUGENE, OREGON
SLOW RAT RACE -140 LAP	6:38	HAZEL/THOMPSON	10-17-92	EUGENE, OREGON

AMA RAT RACE -70 LAP	----	-----	-----	-----
AMA RAT RACE -140 LAP	6:32	HAZEL/THOMPSON	10-22-94	EUGENE, OREGON
FAI TEAM RACE -100 LAP	3:36	KNOPPI/McCOLLUM	6-84	SHANGHAI, CHINA
FAI TEAM RACE -200 LAP	7:40	KNOPPI/McCOLLUM	6-84	SHANGHAI, CHINA
NW SPORT RACE -70 LAP	4:00	BRUCE DUNCAN	5-12-87	RICHMOND, B.C.
NW SPORT RACE -140 LAP	8:48	TODD RYAN	10-8-94	RICHLAND, WASH.
NW SUPER SPORT -70 LAP	3:14	DAVE GREEN	4-13-86	PORTLAND, OREGON
NW SUPER SPORT -140 LAP	7:03	DAVE GREEN	3-8-87	PORTLAND, OREGON
FLYING CLOWN RACE, LAPS: 272		JULIE RICE	10-8-94	RICHLAND, WASH.

CLASS I CARRIER	318.30	ROY BEERS	9-13-86	KENT, WASHINGTON
CLASS II CARRIER	330.25	ORIN HUMPHRIES	9-19-87	KENT, WASHINGTON
PROFILE CARRIER	265.21	TODD RYAN	5-7-94	RICHLAND, WASH.
.15 CARRIER	204.70	TODD RYAN	10-9-94	RICHLAND, WASH.

AMA ENDURANCE	18:37	WESLEY MULLENS	8-15-87	KENT, WASHINGTON
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records as of 11-1-94

AMERICAN JUNIOR
 Aircraft
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MODELERS & CYCLERS

SWAP MEET
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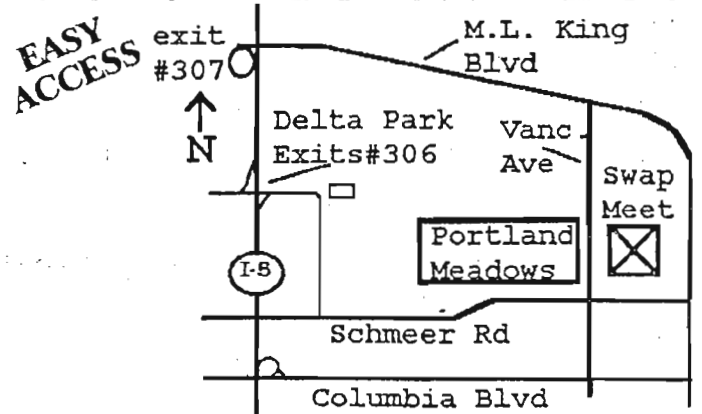
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WANTED: GASKET SET FOR 1963 FOX .59 SHORT SHAFT. AL LIKELY, 9722 200TH, KENT, WA 98031 (206) 859-7776

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