### WMC Patter

Willamette Modelers Club

Official AMA Charter Club #536

WMC Meeting/Funfly -

Feb. 5, 12:30 PM Lunch

### At the Grell Farm

The February 5 meeting of the WMC will be held as usual at the Grell farm beginning at 12:30 pm. Glenn and Linda will provide a simple lunch for us. If the weather is decent, a funfly in advance of the meeting will be held on a field that Glenn will find for us. Please call him in advance for directions to the site.

Agenda:

Call meeting to order at 2 pm. -Glenn Minutes from the last meeting - Bob Treasurer's Report - Bob

Reports

Report from the Jan. 16 CDs Meeting - B. Hannah, & other CDs

Old Business

Field Rent donation to Central Linn FFA George Oldershaw Walk of Fame donation

ByLaws Review status

Approve NWFFC/5 Days in Tangent Events list, entry fees and dates rounds events are to be held. New Business

Approve dates, CDs and events for the SPOT and Fall Annual Contests.

Approve Recommended amount for purchase of prizes for summer contests

Set Date for the Annual Unmeeting

Other

Adjourn for Show and Tell

...Around Dist. XI...

The indoor season is in full swing with one contest complete (see article inside), and 4 more to go. Meanwhile, contest planning is ongoing for the outdoor season. Both the Cloud Dusters and the San Valeers have announced their dates for 2022. For early planners, I've listed them below, and I've included the flyer for the Nor'Cal champs in this newsletter. Dates for the SPOT meet and the Fall Annual have not been set at this time.

Indoor Contest Schedule at South Albany High School-- January 18, February 13, March 20 and April 2 & 3 (See revised flyer this issue)

Outdoor Contest Schedule to date

April 8-10 San Valeers Annual at Lost Hills, CA

April 29-20, May 1 - NorCal Champs at Waegell Field, CA (see flyer)

Aug. 17-21 NWFFC (5 Days in Tangent) at Parker field, OR

Sept 9-11 Annual SPOT meet at Parker Field near Tangent, OR

Fall Annual FF Meet at Parker Field, near Tangent, OR

Terry Thorkildsen, CD Bill Vanderbeek, CD Bruce Hannah, CD George Gilbert .CD Not named. CD

New AMA and NFFS Rules for 2022

Inside: Trip to Lost Hills In Style Report ... First Indoor Report ... Three View: Vector 2 E-20 by Tom Kopriva ... NWFFC Logo for 2022.. Scale Idea ... More, Read on!

Vol. 62, No. 1 January-February, 2022



Page 2

### Rules Changes (continued)

changed last year, and the NFFS has followed suit. The abbreviated list that follows highlights the changes. A full set of these rules can be viewed and downloaded from the AMA and NFFS Websites

AMA Rules Changes

Indoor

Allows the use of a "whisker" for ceiling scrubbing

Establishes a scoring procedure for mid air collisions and entanglements

Defines "Commercially available"

Defines "primary structure" when determining ceiling height.

<u>Outdoor</u>

E-36 First flyoff flight motor run time reduced to 5 seconds

E-36, A and B Electric flyoff flights add 30 seconds to each max beginning with the second flyoff flight Clarifies and defines A and B E.electric events.

Changes the max for HLG to 90 seconds on all flights.

NFFS Changes

Change in effective rulesbook dates to coincide with the AMA rules cycle (2022-2023)

Addition of 2 indoor Events: Pistachio Scale, Coconut Scale

Vintage FAI: Change in name. Now called Vintage FAI Power

Vintage Wakefield: Clarification of weight requirement

Nostalgia Gas: Added Lit'l Hopper to the list of legal nostalgia designs

E-20: Dropped the voltage specification. Any voltage single cell is now permissible

Golden Age: Minor change to Model Eligibility Standards. Added provision to allow models not kitted or published to be considered for inclusion by action of the subcommittee

National Cup: Added Andrade Rubber to the National Rubber Cup. Further defines how flights are counted toward National Cup awards.

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Prexy: Glenn Grell, 31748 Driver Rd., Tangent, OR 97389

Veep: Larry Wacken, 30330 Brush College Rd., NW, Salem, OR 97304

Sec'y: Linda Grell, 31748 Driver Rd., Tangent, OR 97389

Trea\$: Editor: Bob Stalick, 1930 NW Heron Point Ct., Albany, OR 97321

Editorial Assistants: Jack Shafer, Larry and Freddie Wacken, Jim Trump did the printing at Trump's Hobbies in Corvallis, Linda Grell did the labels, Garyanna Stalick provided the refreshments.

Subscriptions and memberships. We produce 6 or so issues of Patter each year. You can check us out on line at <Willamettemodelersclub.weebly.com> or you can receive a hard copy in your mailbox. In either case, the subscription is \$5. Membership, which gets you a subscription, decal and member card plus the honor of voting at our meetings, costs you \$6 per year. (No change in dues since 1960!)

Special Appreciation: Jim Trump does the printing of Patter at no cost to the WMC. He appreciates the support of our members at his shop in Corvallis. Please buy from Trumps Hobbies and thank him for his support.

### 

It's been awhile since we've been able to get into the South Albany High School gym. Since the last time we were there, in 2018, it has been subjected to some serious remodeling, primarily near the lobby area. The gym itself is nearly the same, although the ceiling now has a fire suppression system running between each row of beam. The central wrestling cone has diminished in size and is snug against the ceiling, so it is less of a hazard. The upper "mezzanine" area has been closed off, so it is no longer a model trap. The lobby is much larger and it hosts a second, smaller gym. The secondary gym has a lower and dirtier ceiling, but it might be useful for test flying. The lobby is dominated by a huge sculpture of a Redhawks, which is the school's new mascot name. The restrooms are larger and completely redone. Entry to the building remains the same as in the past. The interior decorations and floor painting are new and striking.

### Dec. 5 Indoor Meet (continued)

Our first contest of the year drew only five contestants but a larger number of helpers and viewers, including a potential new member, Steve Larson, who recently moved to Corvallis from California. An issue with the heating system brought the fans on in the early part of the day, but it subsided later. I've contacted the District (again!). to make sure it doesn't happen in the future. I've been assured, but we shall see.

I didn't see many new models, but the "no touch" rule went into effect at this meet, and a vote taken at the end was unanimous to continue, so all future meets this year will feature this rule. The plus is that no permanent hangups occurred, and those hangups that did were easily dislodged with little damage.

I was impressed with Robert Hauk's P-38 test bed model. Robert is building a P-38 using foam for construction, but the test bed model is a balsa profile with yogurt can 3 bladed props. He put in some nice flights with it. Tom Stalick flew a Hummingbird kits Hurricane that really looked super. The "Mass" launch was not a no touch affair, but it drew only two contestants in the P-18 class. Next time, there will be more. Anyhow, it was a nice start to the season and good to be back at SAHS.

The Results		tinin ya hijii sadaya soki				
IHLG - 2 entries		Std. Cat. Glider - 2 entries		Peanut Scale - 3	entries	
Robt. Hauk	52.47	Tom Stalick	62.86	Robt. Hauk (Gan		1:16
Tom Stalick	40.18	Bob Stalick	53.41	Tom Stalick (Hiur		:55
				Tom Kopriva (C		:54
AMA Scale - 3 entries		No-Cal Scale - 2 entries		Pistachio Scale		dolor
Tom Stalick (Ryan M-1) :25		Tom Kopriva *(Fike)	1:57	Robert Hauk		:11
Robt. Hauk	:17	Robt. Hauk (Zero)	1:22			80.1
Tom Stalick	:13	a and florence queroman				
P-18 - 2 entries		Bostonian - 2 entries		Moorhead Event - 1 entry		
Tom Stalick	2:06	Robt. Hauk	1:46	Robt. Hauk	1:20	
Robt. Hauk	2{02	Tom Stalick	1:21		TO some Lo	
Noon Mass Launch - 2 entries		Ltd. Pennyplane - 1 entry		A-6 Event - 4 entries		
Tom Stalick	1:21	Robt. Hauk	3:08	Mike Altig	4:51	
Robt. Hauk	:50			Tom Kopriva	3:51	
		Manual Control of the	gmide	Tom Stalick	3:43	
Ornithopter - 1 entry		Mini Stick - 1 entry				
Tom Stalick	2:04	Tom Stalick1:19				

Events offered but not flown: EZB, F1L,, X-16,1/2A, A ROG.

### Raiders From the North a true story by Bill Swift

They came from Redmond, Tangent and Roseburg to the San Valleers October, 2021 Nostalgia contest in Lost Hills to promote the WMC and the 5-day event next August, win a few events, and have a heck of a good time. Forrest and Sara Menanno also represented the WMC, though their story remains their own. For us four it was an epic trip involving a weather forecast slowly sliding from great to rainy/windy in the days before the trip. Un-deterred, the northern contingent of Glenn and Bruce Grell and Bruce Hannah rolled out early Thursday and picked up Bill Swift in Roseburg. From there the foursome continued south intending to get to Lost Hills that same night. After a quick stop in Weed to have a bite of lunch we soldiered on through the afternoon enjoying fair travel weather with occasional rain showers.

Late that evening we arrived in Lost Hills, checked into the Day's Inn and went to Denny's with specific hopes for dinner. Bruce Grell wanted chicken tenders, Bruce Hannah wanted just a simple hamburger and fries and Glenn and I wanted spaghetti. Upon opening our menus we found little notes and cross-outs in the menus for many of our favorites. But wait, in one menu you could get chicken tenders but not spaghetti. In another tenders were crossed out and in another spaghetti was available. It began to feel like a game where we could simply trade our menus around, order what we wanted and then wonder what we were going to get. The next morning, our testing and trimming day, began to feel like a real Lost Hills day with high winds and dust blowing all over the place. We lingered over breakfast and headed out to the field with the wind dropping to flyable. The flyers were few but we suspected more would arrive on Saturday. The wind died early and Bruce Hannah started the party with some flights on his Class C

### Raiders from the North (Continued)

Faibar. A bit later, after practicing my horizontal dismount off my Honda 90 by riding into a disguised pit of gypsum, I put my Becker Unlimited

together to work on its glide. Not too much later the wind came up in gusts and then rose to full blow. In the end testing amounted to 3 flights by Bruce H., two hand glides for me and a couple of Gollywock flights for Bruce G. We headed back to the motel.

Things really looked up Saturday morning because the wind dropped as we ate breakfast and then headed out for the 7 am start of the contest. Vintage Wakefield was on the menu for Bruce H. with his Sky Farer and Glenn and his Earl Thompson design that he calls "ET", with rounds starting at 8 am. The balance of our party was busy with a Gollywock mass launch contested by Bruce H., Glenn and Bruce Grell and Bill entered his Smith Stick in Large OT Stick and the Becker in Nos Rubber. Bruce H. also flew his Faibar and a 1/2A Nos ship between rounds of Vintage Wakefield.

The "morning lift" lasted until about 11am when air picking became very difficult. I was able to get going with the Becker in time to enjoy good lift, maxing out and adding one fly-off just in case. Bruce H. took a drop on a short DT in Vintage Wake but managed a win in the end. I took a drop in Large OT Stick but won the event due to lack of contestants. Glenn was the victim of a couple of odd flights, probably influenced by errant lift and took fourth in Vintage Wake. Bruce H. took first in Golly Mass Launch with Bruce G. taking second and Glenn taking third. Glenn also took a first in Nos Glider with his Ghost despite the glider's having a mind of its own. On his last flight Glenn left the Ghost out in the field to think about its bad behavior.

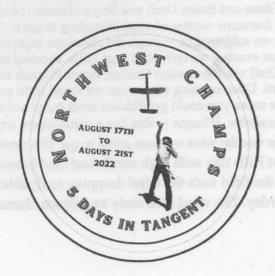
On one of my return trips searching for the Becker I found someone's Nos 1/2A Faibar lying on its back out in the dirt. Upon bringing it back I learned that Jim Kelly had lost it early in the morning on a colossal out of sight overrun and had been out looking for it for hours. When Kelly returned a short time later an investigation ensued and found he had been searching on the wrong channel of his tracker. The next morning he over-ran again just to make sure he had it down.

Sunday dawned with a vivid red sky and lots of clouds and a bit of a breeze. After breakfast we headed out to the field to prepare and register for Vintage FAI, starting rounds at 8. Bruce G. set out to finish his flights in OT Small Stick and Glenn started his in the same event. I flew my La Bestia in Vintage while Bruce H. took out his recently repaired trusty Monks Model. Glenn also got out his Torontonian to try to reel me in in Nos rubber. I had decided to fly my Creep in Nos A between Vintage rounds.

The early air again was quite buoyant but only lasted through round 2 of Vintage when thermal picking again became difficult. Bruce and I survived the third round hex but I dropped in the fourth round with a poor air pick and wound up fourth. Bruce was clean through all five rounds and tied with Guy Menanno and his Lindy. Bruce and Guy flew two fly-offs at the end of which the wind came up very fast and violently catching Bruce out on a long chase. Bruce said the wind was violent enough that he had quite a time getting himself, Monks and his bike all the way back intact. He and Guy decided on a tie for first place in Vintage. Meanwhile Glenn took a drop in Nos rubber and he and Bruce G. took out an OT catapult glider for a few quick flights and both of them finished their flights in OT Small Stick. The wind decided the end of the contest.

The trip home was an event all its own. Not too far north of Lost Hills we ran into rain...lots of rain! When we were approaching Sacramento we began to see "Water on the Roadway" signs. Then a big flashing highway sign advertising "Crashes Ahead". There were numerous cars off the road and at least 4 crashes. In Sacramento we saw a highway worker in a slicker attempting to clear a drain while standing in water up to his waist. Weather reports the next morning reported at least 4" of rain in Sacramento. Dinner was Wendy's in Santa Nella then a very welcome night in Williams.

Monday was marked by breakfast at the Black Bear Diner in Redding. Luckily the forecast for more rain did not materialize until later in the day. Swift dropped off in Roseburg while the rest of the crew headed north into gathering rain, arriving in the early afternoon in Tangent. Bruce H. headed home from there arriving that evening. As we parted all agreed that the trip was a fun mix of some great flying, some typical windy Lost Hills weather, and lots of help and support from each other. Indeed a great time, thanks Glenn for doing all the driving.



January-February Three View - Vector 2 by Tom Kopriva (three view is 1/2 scale)

The three view this issue is a that Tom developed based on work by Dr. Stan Hill and Keith Hoover. It's one that I saw Tom fly several years ago, and I thought, "What a strange looking ship." What impressed me was how consistent it was. The power pattern was straight up with a gradual transition to glide as the motor slowed down. The glide was surprisingly good as well. I decided to build one for competition in 2021. Mine uses a sheet balsa curved plate wing and a stab I found in the parts box that is built up and about the same size as shown on the plans. I mounted my Badge style DT timer in the pylon, but the rest of the plan was followed to a "T".

Tom sent along a few comments, "All of my Vector models were guesswork. If you use the three view and make an all balsa wing, it will work. The one I used at one contest used a foam wing. For balsa models, I cut out the outline, and it can be any outline you choose, using 1/16" sheet. Place a 1/8" diameter nylon or teflon rod at about 30% chord on a saran wrap covered board.. Dope the undercamber, wet the top surface and pin it down until dry. Then cut the polyhedral joints and glue like a HLG. I've built 7 of these things and they all fly. About 1/8" positive incidence in the wing and the stab at zero is a good starting point. Test glide. Play around with the with the balance by using a long enough rocket tube--shorten or lengthen as needed. As the length doesn't seem critical. Every one I've made flies the same way-- straight up power pattern. What I love about this design is they all fly. The KEY is the Napier timer with the run down built-in. Without it, the model zeroes out like a lawn dart glider and loses half the altitude before it settles into the glide."

My first attempt at a Vector was a wonderful success after I got the incidence and CG worked out. I use a CG at 60% and the incidence is closer to 3/16". Mine glides to the left using stab tilt. I've built another one this time with a foam wing and a bit more chord. Both models just barely make the 30 gram limit for weight,

even though no special attempts were made to keep them light.

At the Fall Annual last year, my balsa wing Vector put up 2 maxes and a 46 second flight, good enough for second place in a field of six. I was only two seconds behind Bob Nelson, who placed first. This is an easy model to build, and it's unusual enough to draw attention on the field. I recommend it highly. The three view is 1/2 scale, so enlarge it x 2 and you are set to go.

By the way, the WMC still sells E-20 motors, Napier timers and props. A full listing is available. Contact

Bob Stalick <<u>freefliter@aol.com</u>> for more info.

**Sport Scale** 

### NWFFC/5 Days in Tangent Logo Design by Sara Menanno

On page 4 you will see a proposed logo for our 2022 NWFFC. Sara Menanno did the art work. The logo is primarily in blue with yellow highlights. Thanks for the nice work, Sara.

ENTRY SCALE--An idea and Proposal by Bill Swift (our LoDoc Scale Judge)

At the last Fall Annual there was a conversation speculating the great quality of models in the Low Doc event may discourage others from entering. Below is a summary of comments from an email I sent about an entry level scale event. Robert Hauk captured the essence with, "The emphasis should be on good flying and looking good while they fly. We should really strive for a fun event that makes people want to participate." An event similar to Brit. Kit Scale or FAC Simplified Scale that requires a model constructed from a kit or a set of kit plans, with the plans themselves acting as the model's documentation. Only "real" person-carrying aircraft could be entered powered by any means. There was a suggestion requiring only appropriately colored tissue finishes rather than paint. The level of detail would be minimal. No cockpit details would be necessary. Models could be displayed, side by side, on a table top with their associated plans. Models would accumulate "points" (poker chips) for their static score. A flying score for all planes could be judged by another vote, with a minimum

flight requirement of 20 seconds. Take off, The models would be judged for static score by a blind "concours" process where all contest entrants could cast votes for their favorite model.

cruise, and descent, would be judged. A timer calls the time limit and the audience votes (poker chips) for the most realistic flight. The model that accumulates the most votes wins.

This concours style judging would necessitate collecting the models, doing some amount of set up, perhaps shutting down other events during a lunch break, or early morning (the take-off boards would have to be set up and tables arranged, poker chips passed out, etc.) to draw an audience of judges.

The initial email list was short, now interested club members should feel welcome to comment. You may respond to me, Bill Swift, <a href="mailto:swiftrose@douglasfast.net">swiftrose@douglasfast.net</a>, or to

Bob Stalick, freefliter@aol.com.

# Oakland Cloud Dusters

Annual Northern California Free Flight Championships

Waegell Field, Sacramento California April 29th-30th, May 1st, 2022

AAA Category III AMA Sanctioned (20- ) Contest An \*America's Cup and ^National Cup Contest

Entry Fee: One Event \$20.00, Two or more Events \$35.00. \$5.00 discount with proof of NFFS membership for two or more events. Field Fee: 2022 "Friends of Waegell" Card Holders Free, otherwise \$5.00 per contestant. AMA, NFFS Nostalgia, Classic & Special Events, + SAM Rules Apply

Jrs. \$2 per event, with no field fee.

Contest Directors: Bill Vanderbeek & Fred Terzian (FAI) AMA & NFFS Events are TWO Minute Maxes

Participant Drawing (to all who "enter") \$600+ in Prize Money

### 1-Design 1/2A Da Box & Top Banana Nos. Gas Legal .049-.051

1st \$45, 2nd \$30, 3rd \$15

See Latest NFFS Rules (freeflight.org)

Registration at 8 am Vintage FAI Event on Friday April 29th 9 am to 4 pm For Additional Info, Check Out: oaklandclouddusters.org

Modern FAI Event Schedule

\*F1P (.060 Gas Power) \*F1C Power (five rounds) \*F1B Wakefield (five rounds) \*F1A Glider (five rounds) 8 a.m. to 5 p.m. \*F1Q (Electric) Saturday Events "Golden Age Event" All three Days!!! \*F1J Power (five rounds) \*F1H Towline (five rounds \*F1S (Electric) \*F1G Coupe (five rounds) 8 a.m. to 3 p.m. Sunday Events

OT Small/Large Cabin Combined Old Time Hand Launch Glider \*Hand Held Catapult Glider Classic Straight Tow Glider + "Bungee" ^Junior Hand Held Catapult Glider ^Junior Hand Launch Glider ^Junior P-30 Rubber EITHER DAY-All Events must be completed on the same day OT Small/Large Stick Combo OCD Catapult Glider <sup>^</sup>Hand Launch Glider +"He-Man" Hand Launch Glider Junior A-1 Nordic Towline ^Junior 1/2A Gas Vintage Wakefield

> E-20 Electric ^A Electric ^A-B-C Gas Nostalgia Combined ^1/2A Gas Nostalgia ^Early 1/2A Gas Nostalgia ^A-B Gas ^1/2A Gas 4 Ounce Wakefield ^C-D Gas 1/4A Gas ^Mulvihill 151 to 300 sq." ^P-30 Rubber "Andrade" Small Mulvihill-200 sq. in. ^1/4A Gas Nostalgia/.020 Replica Combined \*Small/Large Nostalgia Rubber Combined **Dakota Time Target** A-B-C Ignition Pylon OT ^B Electric ^E-36 Electric A-B-C Ignition Cabin OT 8 Ounce Wakefield Classic C-D Gas Classic 1/2A Gas Rubber Scale ^Moffett Rubber AClassic A-B Gas Mulvihill 150 sq." or less All "Wock" Events

Sunday Mass Launch Events

Hand Held Catapult & Hand Launch Glider combined @ 9:30 am All "Wock" & Small Old Time Rubber Events @ 9:00 am E-36 Electric @ 9:15 am

Barbecue Lunch, Saturday & Sunday!!! \$7.00 per day

P-30 Rubber @ 9:45 am

### General Field Rules

Flight time max for all events except F1A, B, & C is 120 seconds.

Gas events will have engine runs of 4 to 11 seconds, depending on event and NCFFC rules. Fly-off engine runs (except F1C) will be determined at that time.

Rubber events, except F1B & F1G will be three maxes of 120 seconds each. Fly-off flights

& times will be determined by NCFFC rules.

Classic Towline Glider events will use 50-meter (164 feet) towlines.

Special rules will apply for Moffett, OCD Catapult, etc.

g). Min. Span 24". Must have a name prominently displayed on the wing. 4 attempts, best 2 count. All flights before 9:30 am—No use of thermal detecting devices—Time one, fly one. He-Man Glider Rules: All wood construction (no carbon fiber, etc.) Min. weight 1.5 oz (42.5

near contest headquarters. All Fly-off flights TBD, depending on drift FAI Events: One hour rounds beginning at 8 a.m. 1-1/2 hour lunch break on Saturday. Sunday at 10 a.m. FAI Mini Events will not be flown in rounds

Contest Information:

1-408-472-0274 (cell) 8771 Lakeside Drive Reno, NV 89511 billvanderbeek@yahoo.com fterzian@pacbell.net Bill Vanderbeek 1-408-674-0464 (cell) San Jose, CA 95129 4858 Moorpark Ave. Fred Terzian

Tom Kopriva—freeflyer123@comcast.net field. If you decide to build one, feel free to contact me for any help you need. Stan Hill's Vector Director. They have a straight up climb pattern. Use shims for motor thrust changes. into the glide. These models are neat as they can be set up with a 10 second resistor and flown in a smal The Napier timer is best as it ramps down for the last two or so seconds and allows a smoother transition models, and 4 very high thrust models. The latest designs were taken from Keith Hoover's Hi-Liner and have 2 all balsa canards, 3 delta wing canards, 1 tailless canard (after the Cyrano), 2 conventional model. Now, I've found out how much fun there is in the experimentation within the E-20 format. I now This drawing comes from the guy who, three years ago, said he wouldn't build an electric free flight

PLATES = /32 BALSA ? TIMER BACK! C.G. 55-60% Spans /160 RIBS - /32 BALSA ESTES NOSE CONE VISCOUS DT TIMER ESTES 1/2" ROCKET TUBE POWER PATTERN = STRAIGHT UP 1 Tom KOPRIVA = freeHyen 1230, Comast not VECTOR-2 : E-20 -. BUILD LIR WING SECTIONS WITH TIP DIHEDROL = COVER APPROX. 20 INCIDENCE - ATTACH TO ROCKET TUBE CANT PENTER RIBS: ATTACH TO \$/16"MAIN RIB WITH DIHEDRAL CARBON FIBER TALL BOOM Spans / B 1160 1957-50 ZAIC YEAR BOOK 1992 NPFS BOOK ON DOWER MODELS 1959-61 ZAIC YEAR BOOK FROM the VECTOR DIRECTOR BY STAN HILL

GLIDE PATTERN = STAB TILT

Willamette Modelers - Club Bob Stalick, Editor 1930 NW Heron Point Ct. Albany, OR 97321





AND ST DAME

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High School The Willamette Modelers Club announces the 2020-2021 Indoor Contest Season at South Albany

The Dates: December 5, January 16, February 13, March 20 and a 2 day extravaganza on April

2 & 3. Times: On Sundays, the site will be open around 8:15 AM with competition beginning at 8:30 AM and ending

around 5 PM for dinner, reconvening at around 6:15 for a symposium, hosted by Robert Hauk, followed by at 3:30 PM. We are expected to be out of the gym by 4 PM. At the 2 day contest, we will begin at 10 AM Saturday, and continue into the evening.. Sunday will be a regular scheduled day. We will break on Saturday night flying.

## Sunday Schedule for All Meets:

8:30 AM - HLG and Cataputt Glider-continues until finished or 9:30

9:30 to 11:55 AM - Specialty Events.

Noon - Mass launch for P-18.

12:10 until 3:30 - Duration events.

3:35 PM. Prizes awarded. (you must be present to win)

The CD reserves the right to alter this schedule to accommodate event entries Note: Saturday's schedule will be set by the CD at the meet depending on entry

Contest Events

\$10 per Open member and \$0 for Junior and Senior age contestants. A site donation is requested from all who **Entry Fees** the season) ROG. No touch rule in effect on Dec. 5 (depending on a vote of the contestants on Dec. 5, no touch may be for Specialty: Peanut Scale, AMA Scale, NoCal Scale, Pistachio Scale, P-18, Bostonian, and Moorhead Event. Duration: EZB, F1L, Ltd Pennyplane, 1/2 A, A-6, Omithopter, Ministick, Jr. Intermediate Stick (X-16)and A-

each Sunday. Nominal merchandise awards presented to all contestants in order of placing. Awards are made at 3:35 PM Contest Prizes

are \$0 for both days. Contestants are requested to assist with cleanup.

use this facility. Entry Fee for the 2 day contest is \$10 for one day and \$18 for both days. Juniors and Seniors

Contest Sanctions and Directors South Albany High School is located at 3705 S. Columbus St. in Albany, OR. The gym is located off the 37th St. parking lot next to the swimming pool. The gym has a 36 foot ceiling. Please wear gym shoes. No smoking is allowed on campus.

All contests will be AMA sanctioned record trials. AMA membership is not required for entry. C.Ds are: December 5- Bob Stalick; January 16-Jake Palmer; February 13- Ben Strauss, March 20- Glenn Grell, and April 3&4 -George Gilbert. Further Information, contact Bob Stalick; 1930 NW Heron Point Ct., Albany, OR 97321. Ph: 541-928-8101 <a href="mailto:freefliter@aol.com">freefliter@aol.com</a>

It is suggested that each contestant brings his own chair and table Sponsors: Willamette Modelers Club

Official AMA Chapter



