

Dawn Patrol 2006

August 18, 19 & 20, Molalla, Oregon

This event is for **WWI** and **pre-WWI** models of all scale sizes. **It is now a three day event!** Open flying for vintage and WWI models is all day Friday with the addition of special racing events and more open flying on Saturday and Sunday! Registration begins first thing Friday morning at the field.

Grant Sharp's field in Molalla, Oregon is the perfect location for this event. It's easy to find just south of Portland, east of the I-5 corridor. The huge grass runway is excellent for the vintage aeroplanes. RV parking is adjacent to the field with a good choice of area motels. There will be a concession stand and covered seating again this year!

Dawn Patrol is not a competition, but there are many **special awards and prizes!** Ask any pilot who attended previous Dawn Patrol events in Molalla and he will tell you it was one of the best and most fun events he ever attended! **Special pilot choice awards and big dollar door prizes** make it a worthwhile and fun weekend of RC flying for vintage and WWI models!

Pilot choice awards are given for **Most Realistic Flying, Most Outstanding WWI model and Best Vintage Model.**

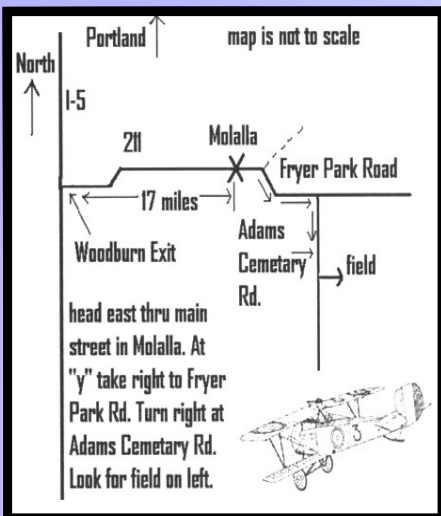


In addition to lots of open flying at Dawn Patrol, special racing events are held on Saturday and Sunday!

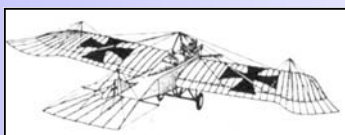
Open Class: This special class is for pre-WWI quarter scale aeroplane models only. A handicap system is used to encourage entries of all early designs.. This will allow all vintage aircraft to compete fairly for the 1st, 2nd and 3rd place trophies.

Proctor Antic Class: Restricted to Proctor Antics. Bipes, parasols, monoplanes of all sizes whether kit, scratch built, or kit bashed are eligible! No handicap is used in the Antic class and it has become one of the most fun and exciting vintage racing events!

Military Class: This category was a hit at the 2005 event! It is open to all WWI models of all sizes



Dawn Patrol 2006 is sponsored by:



Northwest R/C Aviators, AMA #4426
106 Chase Ave..
Cashmere, WA. 98815

The landing fee is \$30.00.

All registered pilots receive a free Dawn Patrol T-shirt at the event.

You may pre-register by sending your check to the address listed above. More information about the event and area motels is available by visiting our web site at:
www.nwrca-dawnpatrol.com

Racing class definitions

Open Class — Overview

The goal is to maintain the “spirit of the era” and keep it a gentlemen’s race. A handicap system has been adopted for the open class racing. A “speed index” has been developed by the race committee. It will help place more emphasis on pilot skill and variables other than sheer horsepower and speed. We are encouraging the building and flying of aircraft from all pre-war years. This handicap system will keep a degree of fairness and fun for all pilots and all aeroplane styles.



Open Class

- * Models must be of aircraft that were **built and flown prior to 1914**. Documentation is required
- * The scale must be **1/4**. Colors should follow the original as close as possible. Flight controls shall be like the original. If the original had wing warping, so shall the model. A 1/4 size pilot figure must be in the model.

*A three view and photo of the original aircraft are required.

* All models must use traditional wood and fabric in their construction. No foam, fiberglass, cardboard, or plastics may be used in the overall structure. “Traditional” implies the use of materials similar to the original as close as possible. No film coverings, fiberglass fuselages, or foam core wings will be allowed

* Models must be completed. No outstanding work should appear necessary.

* There is no “builder of the model” rule. Team entries are allowed.

Antic Class

* Proctor “Antics” of all sizes whether scratch built or kit built are eligible.

* Monoplanes, bipes, parasol and kit bashed models are all qualified for entry.

*No handicap system will be used.

*There are no requirements on finishing, covering methods and motor size.

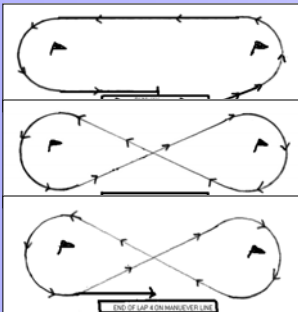


Military Class

* All models of WWI military aeroplanes are eligible, just as long as they represent aircraft that actually flew in WWI. There are no size restrictions and there is no handicap. This category has been added because of numerous requests from pilots who have participated in previous Dawn Patrol events.

The Racing Format

Aeroplanes race one at a time “against the clock”. All races will be three laps. The sequence of aeroplanes in the first heat will be by drawing. This sequence will remain throughout the balance of all heat races. The aeroplane, with motor running, will be positioned at a designated starting point on the runway. A cannon start will signal the take-off and start of the timer clocks. (Note: directions are subject to wind conditions)The pylon placement shall be approximately 375 feet apart. Wind and weather conditions shall dictate particulars at the time of racing



*The first turn will begin shortly after take off with the first lap being an oval around the prescribed pylons. Pylons will have flaggers to indicate when a pylon has been cleared. Each pilot must have a caller. (Note: directions are subject to wind conditions)

*As the second pylon is rounded in lap one, the pilot may begin setting up for lap two. Lap two, and part of three will follow a figure eight pattern as outlined.

*As lap three is completed, the timer will stop when the aeroplane crosses the finish line. Landing procedure will begin at once, with a go around in a normal pattern. Landing will be required between runway markers to avoid a 5 second penalty. A penalty of 10 seconds will be added to the total for cutting a pylon. Two races will be run in Saturday and one on Sunday. Aeroplanes must race in all three races over the course of the two days to qualify. A total of the two fastest heats, factored by handicap, will be used to establish the 1st, 2nd, and 3rd place finishers.

Awards

Awards will be given to **1st, 2nd, and 3rd**. place race aeroplanes in **each** of the classes.

Pilot choice awards for **Most Realistic Flying, Most Outstanding WWI model, and Best Vintage Model**

And, all registered pilots will have a chance at winning some great door prizes. Northwest RC Aviators has given away thousands of dollars worth of door prizes at previous events. We make it worth your while to attend!