

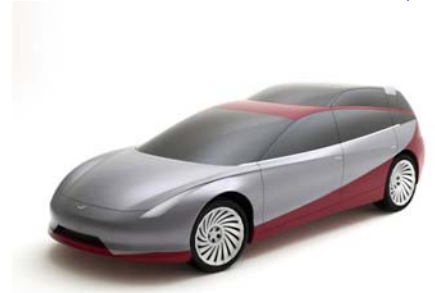
**2010**  
***New Horizons District***  
***ULTIMATE***  
***Pinewood Derby Race***  
***Open to ALL Registered***  
***Scouts***

***DATE: March 27, 2010 LOCATION: CBC High School***





2010  
New Horizons District  
ULTIMATE  
Pinewood Derby  
Speed Competition



Eligibility: All registered Scouts in the New Horizons District from Tiger Cub to Venture.

Only one car per Registered Scout may be entered.

All cars must be newly built after September 1, 2009.

The maximum length of the car shall not exceed 7 inches.

The maximum width (including wheels and axles) shall not exceed 2-3/4 inches.

The maximum height shall not exceed 3 inches.

The maximum weight of the car shall not exceed 283.5 grams (this is the same as 10 ounces), however, weighing of the cars will be done using very precise scales and will be measured in tenth's of a gram).

NOTE: 283.5 is the max. However this does not mean it is the optimum weight. This is a speed completion and we encourage you to find out the best race features to use that are within the rules.

The minimum clearance between the bottom of the car and the bottom of the wheels shall be at least 3/8 inch so that the car can clear the center guide strip.

The minimum width between the inside surfaces of the wheels shall be 1-3/4 inches so that the car will clear the center guide strip.

Items such as steering wheels, model drivers, spoilers, decals, painting and other details are permissible as long as these details do not exceed the maximum length, width, height and weight specifications. Loose materials of any kind are not permitted on the car.

The car or any part of the car may not extend beyond the starting pin.

**IMPORTANT: DO NOT LUBRICATE YOUR CAR INSIDE THE RACING FACILITY.  
DO THIS OUTSIDE THE BUILDING PRIOR TO CHECKING IN AT REGISTRATION.  
THE GRAPHITE WILL STAIN THE FLOORS AND CARPETS.**



## **The Pinewood Car - Wheels**

### **Not Allowed**

The wheels must be made completely of a plastic or delrin material.

No Metal or rubber wheels will be allowed

## **The Pinewood Car - Axles**

### **Not Allowed**

Axles must be made of Metal. Nail, Screw and one piece metal axles are allowed.

Springs are strictly prohibited

No other axle type will be allowed

## **The Pinewood Car - Body**

### **Not Allowed**

No part of the car, including wheels, may extend past the front of the car body.

The body of the car, the wheels or any attachment must not extend beyond the starting gate. The front of the car must not be smaller than 3/8 inch in width or a cutout notch. Attachments must not have the effect of a starting or accelerating device

At least three (3) wheels must remain in contact with the track at all times.

The car shall not ride on any type of springs and the car must be free wheeling with no starting device or other propulsion.

## **The Pinewood Car - Lubricants**

### **Not Allowed**

Dry Graphite, Graphite/Moly and Oil Lubricants are allowed.

Any wet lubricants that could leak on to the track are prohibited.

Any car found dripping lubricant will be returned to the entrant.

## **The Pinewood Car - Other**

### **Not Allowed**

No Mercury or other Hazardous materials may be used on or in the construction of the car.

## **Examples of modifications that are allowed**

Anything not stated on the previous page

## **Disqualifying Rules**

The New Horizons District Pinewood Derby Officials will disqualify any car that does not comply with **ALL** of these rules. If a car is disqualified, the Scout will not be allowed to race .

During any race, if a car leaves its lane and interferes with another car or suffers any mechanical problems, the racer will **NOT** be given a chance to repair the car, no times will be recorded and the race will be re-run without the offending car.

Any dispute of these rules with regard to a specific car's eligibility to race in the District Race will be decided upon by no less than three members of the District Pinewood Derby Committee. The Committee's decision will be final.



## **Race Schedule**

The ULTIMATE Race registration will start at 9am and conclude with the last assigned registration time. Any car not checked in by that time will not be allowed to enter the race.

The ULTIMATE Race Heat's will start as early as 10:00am based upon the number of Scouts entering into this competition.

The ULTIMATE Race will conclude after the last car has raced and the race results have been tabulated.

The ULTIMATE Race trophies will be awarded after the Cub Scout District Preliminary Race trophies have been awarded.



**2010**  
**New Horizons District**  
**ULTIMATE Pinewood Derby**  
**Registration Form**



The 2009 New Horizons District **ULTIMATE** Pinewood Derby will be held on  
March 27, 2010 at Christian Brothers College High School

Please fill out this form completely and return it as soon as possible to the person and address  
below with your check. This registration form and the appropriate fee must be turned in no later  
than the evening of February 27, 2010.

Race is limited to the first 200 entrants on a first come basis.

**DO NOT turn this form and payment into the Council Office on Page or West Pine.**

Please mail this form and your check, please send them to:

*Bill Wittke*  
*Attn: Ultimate Race*  
*309 Valparaiso Ct*  
*Valley Park, MO 63088*

The registration fee for the **ULTIMATE** competition is \$15.00 per Scout.

Enclosed is \$ \_\_\_\_\_ (\$15.00 per Scout).  
Please make your checks payable to the "Greater St. Louis Area Council".

Scout's Name: \_\_\_\_\_

Parents Name : \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Scouts Unit #: \_\_\_\_\_ Pack Troop Crew Other \_\_\_\_\_ (circle one)

Scout's Rank: \_\_\_\_\_

Please E-Mail Bill Wittke at [wk Wittke@swbell.net](mailto:wk Wittke@swbell.net) if you have any questions.

**Each Racer will be notified of their pre-assigned check-in times in late March after the  
registration is closed. Check-in times will also be posted on our web site,  
[www.NewHorizonsPWD.Org](http://www.NewHorizonsPWD.Org).**

**ACCOUNT CODE: 6801-556-20**