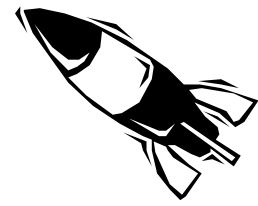


Pack 200 Space Derby



Saturday, November 20, 2010
FUMC Fellowship Hall

Times

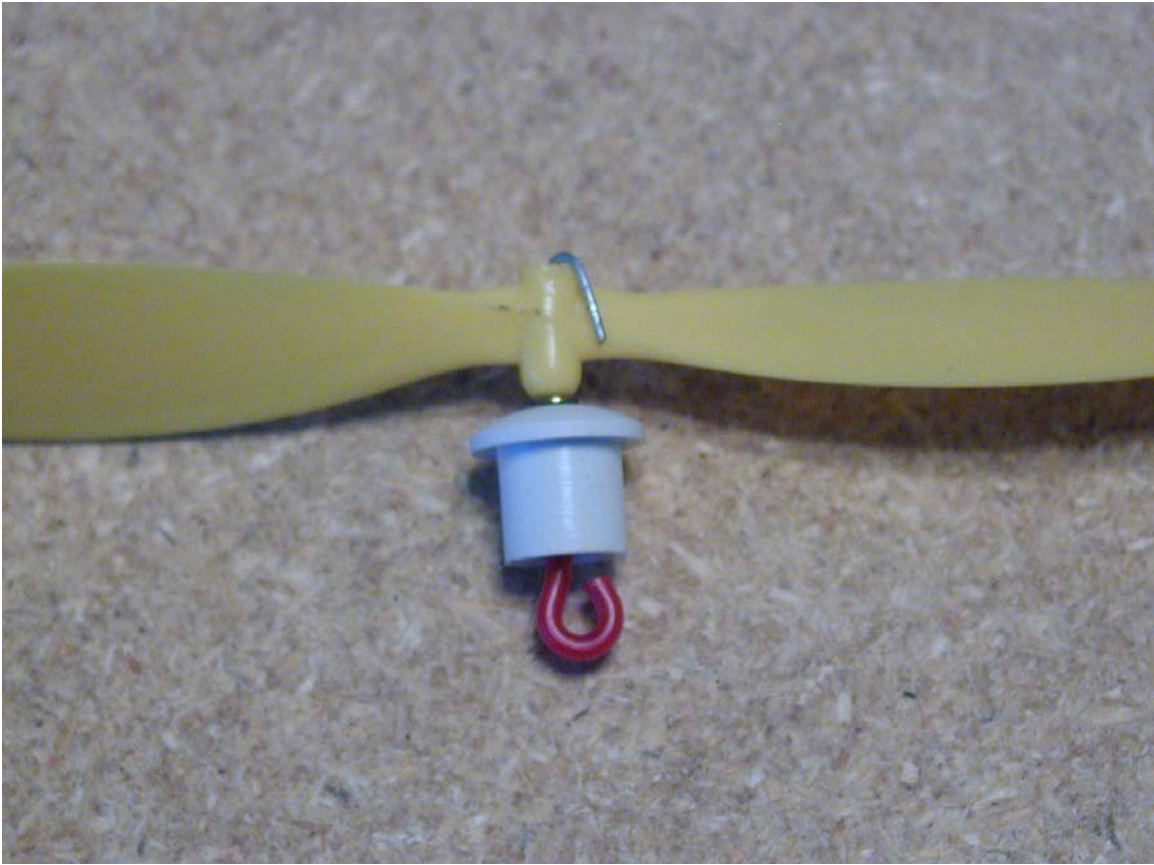
Scout Level	Registration Start	Registration Stop	Race Start
Webelos I & II	8:30 AM	9:15 AM	9:30 AM
Tigers	11:15 AM	12:00 Noon	12:15 PM
Cubs (Wolf & Bear)	1:00 PM	1:45 PM	2:00 PM

PLEASE Read ALL the rules carefully and thoroughly!

Please follow the assembly instructions provided in the kits very carefully. Significant time has been needed in previous years to repair rockets that were incorrectly assembled! See photo below for details on correct propeller assembly.

Official Rules:

1. The rocket must be constructed from the contents of official BSA Space Derby Kits, or official Space Derby Accessory kits. One kit is provided by Pack 200 to each scout. Only the balsa wood kit used in recent years is allowed. Kits are expensive, Scouts with kits, but not racing, should return the kit to their Den Leader.
2. All functional parts of the rocket must be used. Functional parts are defined as the balsa wood body, propeller, brass bushing, nose button, wire prop hook, plastic tube, hanger fitting, and dowel. *See the instructions provided in the kit for proper assembly. A notch must be made across the back of the rocket to prevent the dowel from slipping once the motor is wound. Pay particular attention to the installation of the propeller. See below!*
3. Shape, placement, or use of fins is optional.
4. Nonfunctional accessories, paints, and decals are allowed.
5. In the interests of time and safety, adult volunteers will wind the motors and place the rockets on the carriers.
6. Pairings will consist of two, three or four rockets in each heat. A heat will begin at the release of the starting gate. Rockets do not have to reach the finish line to complete the heat.
7. There are no byes, each rocket must race in it's assigned heat, even if unopposed.
8. Entrants must be present to race and be judged. Entrants arriving after the race begins may race at least twice, but will be ineligible for the speed awards.
9. Lubricated rubber bands will be provided at the race. Please do not lubricate rubber bands included in the kit.



Things to note in above picture:

1. Red plastic tube is used on wire prop hook and completely covers metal.
2. Wire prop hook is not buried inside white nose button. Hook needs to spin freely.
3. Brass bushing is used between white nose button and propeller.
4. Rounded side of propeller is facing the brass bushing (towards the rocket), NOT the bent bare metal wire (away from the rocket)!
5. Wire prop hook makes a 180 degree bend to lay on the side of the propeller, not a 90 degree bend as shown in the instruction sheet with the rocket.

**Questions? Contact your den leader or
Brian Rau at RauScouts200 @nc.rr.com or 623-7853**