WRIGHT BROTHERS SUPERNOVA AWARD FOR VENTURERS: OPTION 2

Additional requirement sheets and helps are available from ScouterMom.com.

These are the requirements for those who earned the Dr. Bernard Harris Supernova Award as a registered Boy Scout. There is a different set of requirements for those who earned the Dr. Sally Ride Supernova Award as a registered Venturer.

1. Earn the Dr. Bernard Harris Supernova Award while a registered Boy Scout.

2. Complete ONE additional Venturer Nova award for a total of four. (Note: This may be done at any time after becoming a Venturer.) The Venturer Nova award completed should be different from the Boy Scout Nova awards previously completed.

3. Using the guidelines found in the "Venturing STEM Explorations" chapter, complete FOUR of the topics listed above. The four topics must be different from those completed while working on the Dr. Bernard Harris Supernova Award, for a total of eight different topics. (Note: These awards may be earned at any time after becoming a Venturer.) Additional merit badges earned while a Boy Scout may not be used in lieu of the STEM explorations required for this award.

4. Complete TWO additional Supernova activity topics, one each in the two STEM areas not completed for the Harris Supernova Award. (Note: The intent is that upon completion of the Wright Brothers Supernova Award, the Venturer will have completed one Supernova activity topic in each of the four STEM areas.)

5. Participate in a local, state, or national science fair or mathematics competition OR any other equally challenging STEM-oriented competition or workshop approved by your mentor. An example of this would be an X-Prize type competition. (Note: The intent is that, upon completion of the Wright Brothers Supernova Award, the Venturer will have participated in two such events.)

6. Working with your mentor, organize and present a Nova award or other STEM-related program to a Cub Scout den or pack meeting. Be sure to receive permission from the appropriate unit leader. If a Cub Scout den or pack is not available, your presentation may be given to another youth group. (Note: The intent is that upon completion of the Wright Brothers Supernova award the Venturer will have completed two such presentations.)

7. Research a scientific, technical, engineering, or mathematical breakthrough or invention of the past 100 years that has affected our society in a meaningful way. Develop your hypothesis on how this invention might further affect our society during your lifetime. Present either a 30-minute oral report or a 1,500-word written report to your mentor.

8. Submit an application to the district or council Nova or advancement committee for approval.