



## *2004 Rockets For Schools Event Summary*

The 2004 launch marked Sheboygan's eighth successful annual launch. More than 40 sixth- through 12th-grade student teams from Wisconsin, Michigan, and Illinois were involved in the 2004 Rockets for Schools launch at the Sheboygan Armory. In the months leading up to the launch, student teams designed, built, and launched scale model rockets with scientific experiments onboard. Teams also developed a project summary and poster projects detailing group efforts.

On Friday, May 14, 2004, NASA retired Astronaut Winston Scott delivered a speech about his responsibilities onboard the shuttle and the International Space Station. He also entertained students' questions about spaceflight. Event organizers, political representatives, volunteers, and other dignitaries also spoke to the program participants. At noon, an Air Force B1 Bomber flew over the Sheboygan Armory. Throughout the day, student teams delivered presentations to a panel of judges. Additionally, participants observed NASA exhibits, created paper rockets, and had an opportunity to experience a flight simulation.

On Saturday, May 15, students were involved in the recovery, tracking, mission control, or weather balloon teams. Then the opportunity they were all waiting for arrived: the rocket launch. Class-1 rockets soared more than 2,500 feet while class-2 rockets climbed approximately 4,500 feet. The U.S. Coast Guard, the City of Sheboygan, Senator Joseph Leibham's office, the Governor's office, and Space Explorers, Inc. also launched rockets off the pier. Tripoli Rocket Association conducted specialty launches. The day concluded with an awards ceremony.

## *Get FIRED-UP With The 8th Rockets for Schools Launch!*

The Rockets for Schools 2004 is scheduled for Friday, May 14 and Saturday, May 15 (rain date is May 16) in Sheboygan, Wisconsin. Here students, in 6th-12th grade, experience the excitement of running a rocket launch and working directly with industry professionals. The launch weekend includes:

- A visit from a US Astronaut
- Educational program on rocketry
- Participation in student launches
- Teaming with other students from several states and working with professionals in the field

### **Ways to Participate:**

1. **Launch Teams** - Individual students can apply to be a member of the following teams:
  - Recovery
  - Tracking
  - Mission Control
  - Weather Balloon

Students wishing to participate on a launch team must fill out the **Rockets for Schools Launch Team Application** for Participation.

Program Fee: \$25.00 per student

2. **Student Rocket Teams** - Student teams (*maximum of ten (10) students and an adult advisor*) can build a "Rockets for Schools" rocket to launch at the weekend. **No previously flown rockets will be allowed.** Awards are given to Student Rocket Teams for fit and finish, payload, displays, presentations and team spirit.

Each team member must fill out the **Rockets for Schools Launch Team Application for Participation.**

Program Fee: Level #1 Rocket -- \$400.00 (*\$250 Team Entry Fee & \$150 Rocket Cost*)

Level #2 Rocket -- \$530.00 (*\$250 Team Entry Fee & \$280 Rocket Cost*)

Please note that the Rocket Team program fee includes the cost of the rocket kit. The rocket kit includes step by step instructions and all parts necessary for construction (except painting and payload). Motors are furnished on launch day.

**\*\*\* Application Deadline is February 15, 2004 \*\*\***

Please submit to:

Great Lakes Space Port Education Foundation, Inc.

Rockets for Schools

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