

WASHINGTON AEROSPACE

- Monthly Meetings
- "Fire In The Sky" - Largest Launch In The Northwest Held Over Memorial Weekend
- 6 High Power Launches in Central Washington (Altitudes to 25,000' AGL)
- 6+ Low Power Launches Locally
- General Liability Insurance For All Club Activities
- Educational Outreach Programs
- Club Discounts
- Nationally Sanctioned Events
- Families Welcome



Sixth graders at Brouillett Elementary in South Hill, WA



CONTACT INFORMATION

Carl Hamilton - President
president@washingtonaerospace.org

Bryan Whitmarsh—Secretary/Treasurer
secretary@washingtonaerospace.org

Kent Newman—Ops Director—
ops@washingtonaerospace.org

www.washingtonaerospace.org
www.fireinthesky.org

WASHINGTON AEROSPACE

- Your Rocketry Resource -



Serving Members Throughout
the Pacific Northwest

National Association of Rocketry
Tripoli Rocketry Association



Neil Anderson's "Cerulean" being prepared to launch on a 98mm "N" 'Green Gorilla' motor.

Who We Are

Washington Aerospace (WAC) is the largest hobby rocketry club in Washington state. Based in Puyallup, WA, the club has members in Washington, Oregon, Idaho and British Columbia. WAC is dedicated to safely designing, constructing and flying hobby rockets while learning the underlying



science and math that permits them to fly. Founded in 1957, hobby rocketry has grown worldwide with over 12 million flights flown each year.

The sport is also used in over 25,000 schools in the U.S.

The club supports all aspects of rocketry including model, mid-power, high power and amateur rocketry at all levels. Washington Aerospace (WAC) is a rocketry club affiliated with two national organizations: the **National Association of Rocketry (NAR)** and the **Tripoli Rocketry Association (TRA)**.

The club meets the first Saturday of each month either in Puyallup or Redmond and newcomers are always welcome. Meetings are an opportunity to meet other rocketeers, hear and see the latest in the hobby and share stories and questions concerning projects or designs. Meeting dates and directions may be found on our website at www.washingtonaerospace.org.

WHAT IS A HOBBY ROCKET?

A hobby or sport rocket is a reusable, lightweight, non-metallic flight vehicle that is propelled vertically by an electrically-ignited, commercially-made, non-explosive solid fuel rocket motor. Hobby rockets are always designed and built to be returned safely to the ground with the intent of being reused. Hobby rockets are legal under the laws and regulations of all 50 states and the Federal government although some local jurisdictions may have restrictions limiting their use.

In well over 750 million flights since the founding of the hobby, there has never been a death caused by the flight of a sport rocket. Injuries have been very rare and generally minor, especially when compared to other outside activities.

BENEFITS

Joining Washington Aerospace has the advantage of providing newcomers and experienced fliers both the opportunity to meet others with similar interests. The club is a resource for “all things rocketry”.

Additionally, affiliation with NAR and TRA provides safety and educational guidance in helping fliers become certified at increasingly challenging levels



John Hawkins' rocket, "Scooby Doo", takes to the skies at dusk on a 'Skidmark' effects motor.

of hobby rocketry. Both organizations support three levels of certification leading to bigger and more powerful rockets .

Through outreach programs at schools, scouts and churches, WAC works hard to foster a young person's interest in science and math by promoting rocketry as a safe, educational group activity. Local members have participated nationally in the Team America Rocketry Challenge (TARC) with some teams receiving national recognition with their projects.