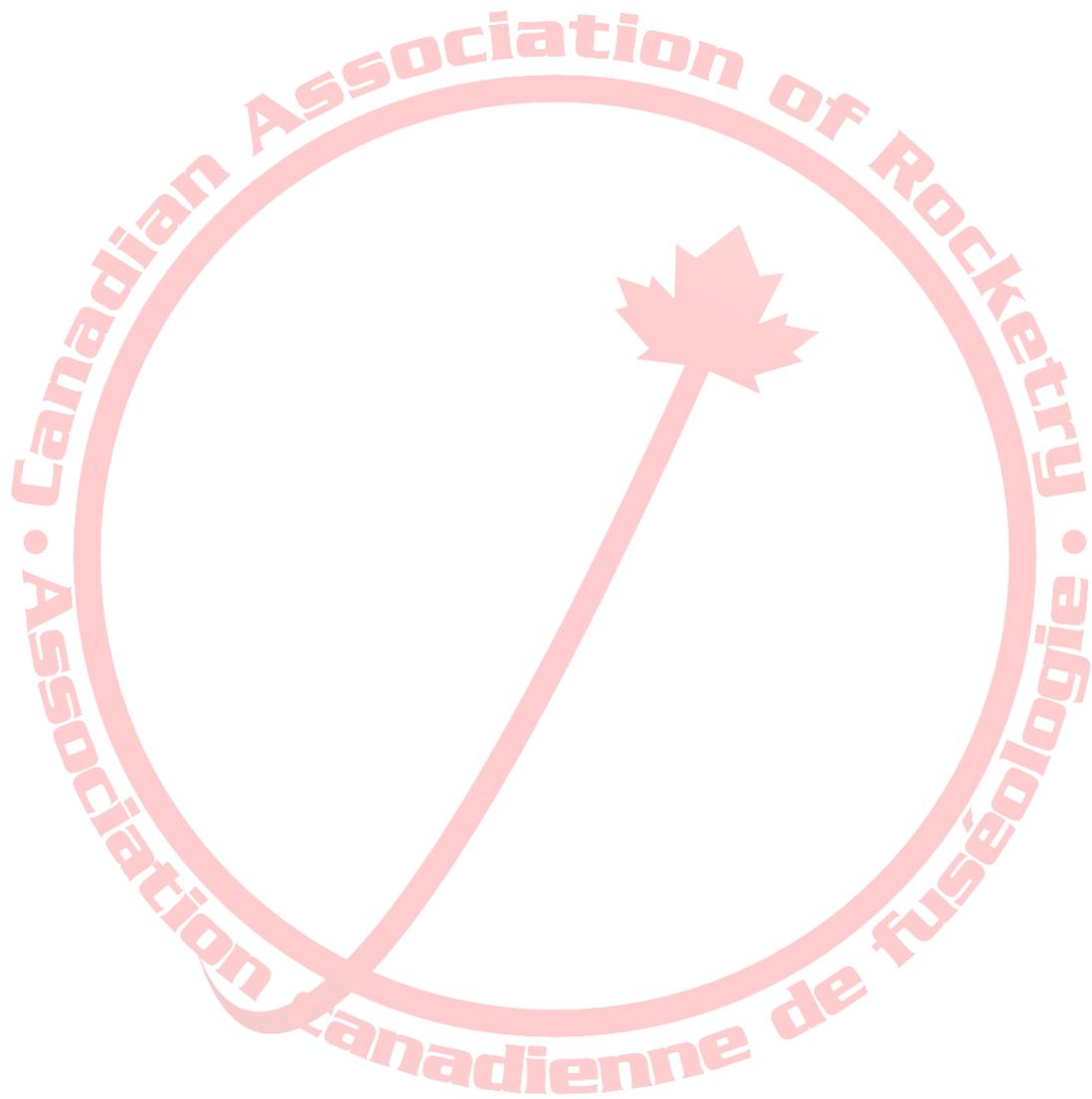


Canadian Association of Rocketry



Annual Activity Report

2008 Calendar Year

Canadian Association of Rocketry - Association Activities 2008

This report is a summary of some of the activity from the 2008 calendar year. The first part of the report will list the key roles in the organization, followed by an activity report by section and/or committee.

Key Roles

The Canadian Association of Rocketry (CAR), established in 1965, continues to represent Non-Professional Rocketry activity in Canada. CAR had one hundred and twenty-four (124) members on December 31st, representing British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia and several US states.

The Canadian Association of Rocketry is governed by an elected Chairman, a Vice-Chairman, a Secretary/Treasurer and an elected Board of Directors:

- Chairman, **Greg Dietlein** (BC)
- Vice-Chairman, **Tom Raithby** (NB)
- Secretary Treasurer, **Art Mackie** (AB)
- British Columbia, **Len Bryan** (BC)
- Alberta, **Ken Baldwin** (AB)
- Prairies & Northern (Saskatchewan and Manitoba), **Brad Wall** (SK)
- Ontario, **Angelo Castellano** (ON)
- Quebec, **Yves Lacombe** (QC)
- Atlantic (New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland), **Kevin Drayson** (NB)

The Chairman and Board of Directors determine the overall course of activity within the organization. While most decisions are made by consensus, formal motions are presented and confirmed by voting.

In addition to these elected and appointed positions are several committees. The standing committees and their Chairs are:

- Level Four Certification Committee (L₄CC), David Buhler (AB)
- Range Safety Officer Committee (RSOC), Pierre Laurendeau, Chief RSO (QC)
- Model Rocketry Committee (MRC), Garth Illerbrun (AB)
- Experimental Motors Committee (EX), Vincent Chichak (AB)
- Motor Certification Committee (MC²), Max Baines (AB)

Executive and Board of Directors

Communication among the Chairman, Vice-Chairman, Secretary/ Treasurer and Directors occurs via several mechanisms. While some direct contact occurs (telephone and in-person), much of the communication occurs asynchronously due to the four-hour difference in time zones across the country.

In addition to the many private emails exchanged, two Yahoo Groups lists are maintained. During 2008, two hundred and nine (209) messages were sent via the lists.

Communications with the membership and other interested individuals also occurs on a Yahoo Groups list: CanadianRocketry. The CanadianRocketry list saw nine hundred and thirty-nine (939) messages distributed to list members. The busiest single month was June, with one hundred and eighty-four (184) messages delivered.

Committee Activity

- ***Model Rocket Committee***

The Model Rocket Committee was chaired by **Garth Illerbrun**. Garth reported that many local model rocket events were hosted or supported by CAR members, but no national activity was held. There were six (6) messages delivered via the CAR MRC Yahoo Groups email list in 2008.

Garth identified two principal impediments to the growth of Model Rocketry as liability insurance and the out-dated "Control of Model Rocketry in Canada", last revised in 1982.

- ***The Experimental Motor Committee***

The EX Committee was chaired by **Vincent Chichak** in 2008. Vince reported that while there is interest amongst CAR members in exploring the development and use of home-made propellant and motors, the current regulatory environment creates challenges that few have overcome.

- **The Level 4 Certification Committee**

The Level Four Certification Committee (L4CC) was chaired by **David Buhler**. David reported that there were five (5) L4 projects/attempts and four (4 – 80%) were successful. The fifth has plans for early 2009 and intends to be on the list for 2009!

Most L4CC communications occur by private email or personal contact. There were eight (8) messages delivered via the L4CC Yahoo Groups email list.

The L4CC process involves teams of two L4CC members assisting L4 candidates in their certification attempt. There were five L4CC members in 2008.

The L4CC Committee participates in the Technical and Safety Review process (with the RSO Committee), though no projects were submitted for review in 2008.

- **Range Safety Officer Committee**

The Chief Range Safety Officer, **Pierre Laurendeau**, reports that two new Range Safety Officers (RSOs) joined the ranks in 2008. Congratulations to **Brad Wall** and **Ken Baldwin**.

While much RSO communications occurs off-line, there were eighty-two (82) messages distributed via the CAR RSO Yahoo Groups email list.

At the end of 2008, there were twelve (12) current RSOs and four (4) RSO candidates in training.

The RSO Committee also participates in the Technical and Safety Review program, though no projects were submitted in 2008.

- **Motor Certification Committee**

The Motor Certification Committee was chaired by **Max Baines**.

There were two test sessions in 2008, certifying forty-nine (49) new motors. All motors certified were manufactured by Cesaroni Technology Inc., and ranged from 38mm G to 152mm O motors. Congratulations and thank you to Cesaroni Technology for your investment in our hobby and your successes on the test stand.

CARWEB

The Canadian Association of Rocketry maintains a presence on the internet at www.CanadianRocketry.org. Shane Weatherill is the webmaster and his list of ongoing tasks is long. Some of Shane's activities in 2008 include:

- Recreating the website when our ISP had a technical misadventure
- Keeping the RSO, RI and membership lists up-to-date with the database
- Updating CAR documents, addresses etc up-to-date
- Instructing members and all how to update their information on CARWEB
- CARWEB serves approximately 1GB of data per month, averages just over 500 hits per day, or 13,000 per month.

In the last year, CARWEB has received a number of updates, both visible to the general user and some only visible to administrative users. These include many new CAR Certified Motors, several updates to the Electronic Voting System, a new web based email contact system that allows people to contact CAR members without exposing email addresses to the web, several new reporting tools for CAR administrators, and the inclusion of YouTube videos in the Gallery displayed on the CARWEB front page. In addition, a new CAR Forum has been implemented and should be available to all active members pending some testing with a small group of users.

Membership

On December 31st, 2008 (from the membership database) there were:

- 124 current members
- Members with Rocket Inspector Level 1: 9
- Members with Rocket Inspector Level 2: 12
- Members with Rocket Inspector Level 3: 10
- Members qualified as RSO: 12

There were twenty-four (24) new members in 2008, and forty-five (45) members whose membership expired and were not renewed within the year (note that several memberships, which lapsed in 2008, were renewed early in 2009). The loss of so many members is troubling. Welcome to the new members who come with new ideas and enthusiasm that benefit us all.

In 2008, the following CAR certifications were awarded:

- | | | | |
|--------------------|-------------------------|---------------------|----|
| • Blake Payette | L1 | • Rod Hinks | L3 |
| • David Bullas | L1 | • Richard MacDonald | L3 |
| • Jens Martinek | L1 | • Jens Martinek | L3 |
| • Ron Durston | L1 | • Greg Gollan | L3 |
| • Byron Wakeling | L1 | • Lawrence Tulissi | L4 |
| • Lyle Wall | L1 | • Marlin Horon | L4 |
| • David Bullas | L2 | • Curtis Peyson | L4 |
| • Jens Martinek | L2 | • Steve Gerylo | L4 |
| • Greg Gollan | Electronic Endorsement | | |
| • Shane Weatherill | Electronics Endorsement | | |

Congratulations to you all!

Conclusion

Congratulations to all those members who certified this past year. Welcome to the two new RSOs who will play such a big role in enabling launches across the country. Thanks to all the members who volunteered their time and expertise to our organization as committee Chairs and members in all the activities it takes to make an organization worthwhile.

The Canadian Association of Rocketry is only as strong and vibrant as you, the membership, make it.

Respectfully Submitted by

Thomas Raithby

Vice-Chairman (2008)

June 2009

