

March 6, 2017

Dear community member,

This letter is to inform you that in preparation of an upcoming Intercollegiate Rocket Engineering competition, the Student Organization for Aerospace Research (SOAR) at the University of Calgary will be conducting a series of rocket engine tests.

These tests will take place at the Rothney Astrophysical Observatory (RAO) beginning in late March and will run once a week until June. A detailed list of test times will be posted on the [SOAR website](http://suclubs.orgsync.com/org/soar/home) (suclubs.orgsync.com/org/soar/home) in the coming weeks. Please refer to the website for detailed information and regular updates.

Please note that these tests **DO NOT** involve a rocket launch or projectile of any kind and are simply static tests of the rocket engine.

What does this mean for you?

The tests will occur **once a week** and last approximately **6-8 seconds each**. Testing will be done during normal business hours between 9 a.m. – 5 p.m. The anticipated noise level of each test will be somewhere between 80-100 decibels (dB) within a 1 to 2 kilometer radius of the test site. To put the level of noise into perspective, the noise generated from a construction site is around 100dB. A detailed map outlining the test radius and the Occupational Safety and Health Administration (OSHA) sound levels is attached to this letter.

For more information and/or to receive schedule updates on the rocket engine tests via email please contact:

Dr. Craig T. Johansen, Associate Professor
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Schulich School of Engineering
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403.220.7421 or johansen@ucalgary.ca

Additionally, the RAO hosts many fun and educational events for the general public throughout the year. If you are interested in being notified about these events please send your email/contact information to Jennifer Howse at jihowse@ucalgary.ca.

Sincerely,



Dr. Phil Langill
Director, Rothney Astrophysical Observatory
University of Calgary
403.220.5402