



What is **AAiM** Day?

AAiM Day is an event hosted by local companies and educational institutions to raise awareness of Aerospace & Aviation in Manitoba. The purpose is to give Grade 6 students the opportunity to try different hands on activities, which focus on specific aspects within the industry such as:

- Manufacturing/Composites
- Flight
- Repair & Overhaul
- Space



AAiM Supporters

Red River College - Stevenson Campus
Magellan Winnipeg
Tec Voc High School
StandardAero
Boeing Canada
University of Manitoba (WISE)
Manitoba Aerospace
Manitoba Rocketry Group
Career Trek
17 Wing Winnipeg
Canadian Forces School of Aerospace Studies

For more Information on **AAiM** please contact:

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Come Discover
the **Excitement of Flight**
from the Ground Up!

Aerospace & Aviation
in Manitoba





AAiM Activities

AAiM Day helps to explain various aerospace concepts & ideas through several "hands on activities" for students such as:



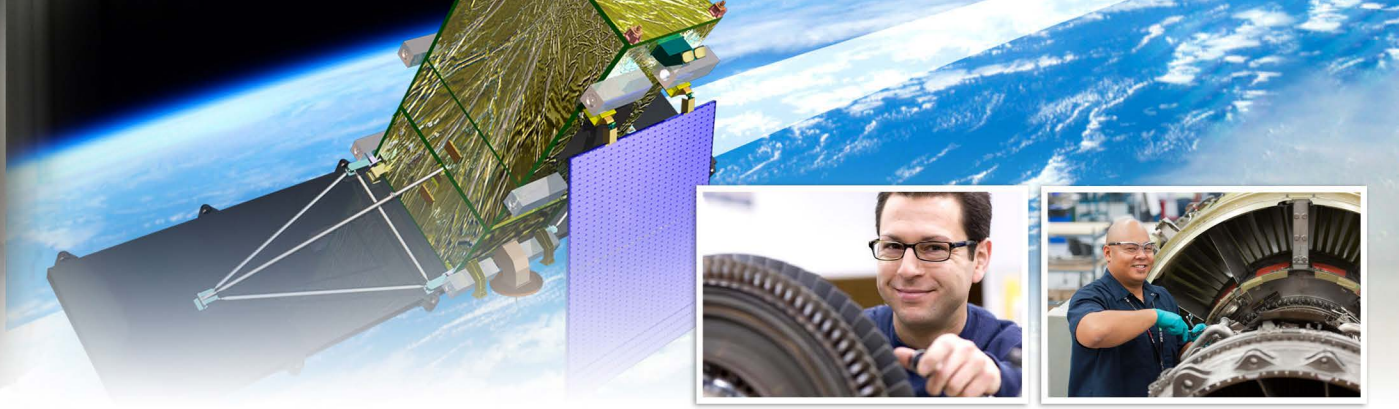
Flight – Be challenged by experimenting with different designs of paper airplanes, which uses the "Bernoulli Principle" along with many other scientific principles. As well as the new "DC9 Theatre"! This activity is held on a DC9 aircraft where students will learn and observe various careers in aerospace and aviation, both in the air and behind the scenes!

Space – "Crater Fun" participants will become scientist-detectives by simulating asteroid impacts and reporting on their characteristics. Did an asteroid really take out the dinosaurs millions of years ago?

Airplane Inspection – Try your hand at being an "aircraft inspector" to see if that plane is "really ready" to take off with its precious cargo that could be you and me!

Composites – Learn about the evolution of composites and how they are used to build aircraft. You will also be able to make your own "composite panel".

Rocketry - Students get a chance to learn by experimenting with straw rockets, finding out what local groups are doing and also watch some interesting video footage of model rocket launches.



Training in Manitoba

Manitoba offers world class education training programs:



Manitoba Aerospace

works with government, industry and educational institutions to develop and deliver training for existing and prospective employees in the aerospace and aviation maintenance sectors in Manitoba.



UNIVERSITY OF MANITOBA

WISE - U of Manitoba

The Access Program for Women in Science and Engineering delivers science and engineering workshops to Manitoba schools.

WISE aims to maximize accessibility for all Manitoba elementary and secondary students by offering workshops for every grade level free of charge to classrooms and community groups.



Career Trek

is a not-for-profit organization that provides innovative educational programming for young people with perceived barriers to entering post-secondary education.



Tec Voc

Tec Voc High School has been running a highly successful aerospace program since 1997. Over 75% of graduates are working in the aerospace industry today.



Manitoba Rocketry Group

is a volunteer, provincial organization that advocates the safe pursuit of model and high power rocketry in Manitoba.



Canadian Forces School of Aerospace Studies (CFSAS)

was established in 1987 to meet the professional development needs of the

Royal Canadian Air Force (RCAF), and now offers advanced education and training to some 800 officers and non-commissioned members annually. CFSAS provides education in both aerospace technology and Air Force officer professional development.



Department of National Defence (17 Wing)

supports 113 units stretching from Thunder Bay, ON to the Saskatchewan/Alberta border and from the 49th Parallel to the high Arctic. 17 Wing also acts as an operating base for CF-18 Hornet fighter-bombers assigned to the Canadian NORAD Region.



Red River College Stevenson Campus

formed by combining Stevenson Aviation with Red River College. Courses address the demand for skills in Aircraft maintenance, gas turbine engine repair and overhaul, structural repair, non destructive testing methods, and aerospace manufacturing.