CANADIAN AVIATION MUSEUM

ATTENTION TEACHERS, GUIDE AND SCOUT LEADERS

EDUCATIONAL FIELD TRIPS AND THEORY OF FLIGHT COURSES

TOUR INFORMATION

i. Regular Tour - 1 to 1.5 hrs - includes the following: guided tour of all areas of the archives, main hangar including Lancaster and Mosquito restoration areas; sit in the cockpit of a T-133 Silver Star jet; work the Lancaster upper gun turret; learn about the role Windsor played in the British Commonwealth Air Training Plan with the establishment of #7 Elementary Flying Training School; hear the story of the Bad Penny and Operation Manna, the food drops over Holland - and much more.

Cost - $8 per student

ii. Full Day Session (4.5 hours) featuring the Grade 6 Theory of Flight Curriculum
1 - Power Point seminar on the principles of flight including Bernoulli's Theorem and Newton's Laws, flight controls, forces acting on aircraft
2 - demonstration of flight controls and parts of an aircraft
3 - experiments demonstrating air pressure, aerodynamic forces
4 - regular hangar tour as described above
5 - paper airplane contest in the main hangar

Cost: $15 per student

Lunch tables are provided and tours can be modified to reflect other areas of aviation history.

* **Note**: <u>no</u> student will be turned away due to economic hardship
- the facility is fully accessible.
- there is no charge for teachers or parent supervisors.

Operation Spread Your Wings - is a special program specifically for students from inner-city /low income schools to participate in the full day Grade 6 Theory of Flight Course **free of charge.** This program, funded by generous corporate donations, also provides a nourishing lunch and covers bussing costs from the school and return. The program provides accessible learning experiences to ensure young students at these schools are not left out when their families cannot afford to support special educational opportunities for their children.