

Operation Studios Eagle

Situation:

This summer central region will be holding both the glider pilot and power pilot scholarships. Approx 90 cadets will receive training for their Transport Canada (TC) glider pilot's licence and approx 50 cadets will receive training for their TC power pilot's licence. Due to the high level of competition, the Air Cadet League of Canada will be interviewing potential candidates for these scholarships in January. Candidates will also have to write an entrance exam. Only the top scorers on the exam and interview will be merited to attend the course. Because of the intense competition squadrons will only be permitted to send a limited number of cadets to the exam and interview for each scholarship (based on sqn size at annual).

Mission:

820 Squadron will provide "ground school" training to potential course candidates in order to prepare them for optimal success in the pilot scholarship competition process.

Execution:

Concept of Ops:

It is the CO's intent to send 3 or 4 cadets to the interview process for the glider and power scholarships.

It is the ground school instructor's intent to prepare any cadet who wishes to compete for a scholarship spot to be competitive with the required knowledge.

This will be completed in 3 phases

I. Registration: Interested cadets will sign up for ground school and indicate which scholarship they will be competing for.

II. Instruction: Ground school will be taught for 4 hours on Saturdays at CHP.

III. Selection of squadron candidates: the top performing cadets for each scholarship will be selected to represent the squadron by writing the written exams and interviewing.

Main Effort: The ground school instructor's main effort will be providing the required aviation related material to pass the power pilot's entrance exam. This will cover the required glider material also.

End state: The cadets will have completed the ground school lessons, written the entrance exam, and completed the selection interviews.

Groupings and Tasks:

There will be a total of 15 spots open for cadets to attend ground school. Preference will be given to cadets who are actively pursuing a scholarship placement and are likely to succeed followed by those who will be trying for a scholarship next year. If more than 15 cadets are interested then preliminary interview will commence with the CO to determine likeliness to succeed.

Cadets will complete homework assignments and miss no more than 2 ground school lessons.

Ground School instructors will instruct in their area's of expertise, and provide stimulating lessons to all learners. Instructors will use a variety of instructional techniques including but not limited to: Interactive lecture, demonstration performance, simulation, small group activity, and testing/review.

Coordinating Instructions:

Ground School will commence on 15th October and runs until 19 December. The entrance exams are TBA in January 2012.

Cadets will have to purchase on their own expense:

- a. A copy of From the ground up (26th ed or later)
- b. a douglas B protractor;
- c. an E6B flight computer (it a manual computer like a circular slide ruler)
- d. an ICAO flight ruler.

The total cost is between \$30 and \$40.

Cadets must reach their 16th birthday by 1 September 2012 to compete for a glider scholarship.

Cadets must reach their 17th birthday by 1 September 2012 to compete for the power scholarship.

Cadets will also have to pay for a TC pilots medical, from a Canadian Aviation Medical Examiner (a medical doctor who specializes in aviation medicine) (cadets who are chosen for exam/interview spots only).

Service Support:

First aid: the ground school instructor in charge of the class will perform minor first aid. All other emergencies will be handled by Halton EMS.

Meals: Cadets must supply their own lunch.

Buildings: The CHP cadet office will be the location of the classroom.

Instructional materials: will be provided by either the instructor or 820.
Textbook and Navigation kit must be provided by the cadet.

Transportation: The cadet or their parents will provide transportation to and from ground school.

Dress: Will be casual civilian dress. No inappropriate slogans or designs on clothing will be permitted.

Command and Signals:

Command: The chain of command will be:

OC: SLt Brookes

2IC: Ocdt Fraser

Signal: Nil

SLt Brookes HBSce, MSc
820 Ground School Instructor
For CO.

