ROYAL CANADIAN AIR CADETS

PROFICIENCY LEVEL THREE

INSTRUCTIONAL GUIDE

SECTION 3

EO C340.01 – IDENTIFY CANADIAN ASTRONAUTS

Total Time: 60 min

PREPARATION

PRE-LESSON INSTRUCTIONS

Resources needed for the delivery of this lesson are listed in the lesson specification located in A-CR-CCP-803/PG-001, Chapter 4. Specific uses for said resources are identified throughout the instructional guide within the TP for which they are required.

Review the lesson content and become familiar with the material prior to delivering the lesson.

Retrieve current information located at Annexes A to H in the instructional guide for EO M340.01 (Identify Canadian Astronauts, Section 1) or from the reference.

Create a slide of each astronaut's photograph from the same annexes.

PRE-LESSON ASSIGNMENT

N/A.

APPROACH

An interactive lecture was chosen for this lesson to orient the cadets to Canadian astronauts, to generate interest in Canada's space program, and to emphasize the teaching points.

INTRODUCTION

REVIEW

N/A.

OBJECTIVES

By the end of this lesson the cadet shall have identified Canadian astronauts.

IMPORTANCE

It is important for cadets to identify Canadian astronauts so that they can become familiar with the Canadian space program. The hard work that astronauts perform will illustrate the Air Force motto: *Per Ardua ad Astra*, as well as the rewards that can be achieved by men and women who accept the challenge of the stars.

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Teaching point 1 **Discuss the Professional and Personal Profiles of Canadian Astronauts**

Time: 50 min Method: Interactive Lecture



Ensure that astronauts covered in EO M340.01 (Identify Canadian Astronauts, Section 1) are not included in this lesson.

Discuss the following information about the remaining astronauts, using the information located at the respective annexes in the instructional guide for EO M340.01 (Identify Canadian Astronauts, Section 1) or retrieved from the reference, to include:

(1) missions undertaken,

(2) place and date of birth,

(3) education,

(4) professional experience,

(5) special honours, and

(6) affiliations.

CONFIRMATION OF TEACHING POINT 1

The cadets' participation in the interactive lecture will serve as the confirmation of this TP.

END OF LESSON CONFIRMATION

QUESTIONS

Q1. In what missions did these astronauts take part?

Q2. What role did these astronauts play on these missions?

Q3. What education and experience did these astronauts bring to the missions?

ANTICIPATED ANSWERS

A1. As per lesson content.

A2. As per lesson content.

A3. As per lesson content.

CONCLUSION

HOMEWORK/READING/PRACTICE

N/A.

METHOD OF EVALUATION

N/A.

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CLOSING STATEMENT

Space missions have a short history and a vast future. Cadets can stay current with the space program by frequently visiting websites of the Canadian Space Agency (CSA), the US National Aeronautics and Space Administration (NASA) and other organizations such as the European Space Agency (ESA).

INSTRUCTOR NOTES/REMARKS

The instructor shall obtain the latest biographical information for this EO. This material must be updated each year to reflect the Canadian Space Agency's recent activities.

A list shall be kept of astronauts that cadets have focused on to prevent repetition.

REFERENCES

C3-238 Canadian Space Agency. (2008). *Canadian Space Agency*. Retrieved February 9, 2008, from http://www.space.gc.ca/asc/eng/default.asp.

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