MODIFIED LESSON INSTRUCTIONS AND INSTRUCTIONAL GUIDES – TPS 1 AND 2 OF EO M129.01

A-CR-CCP-801/PG-001

EO M129.01 – RECITE THE PHONETIC ALPHABET

1. **Performance.** Recite the Phonetic Alphabet.

2. **Conditions**

   a. Given:

      (1) supervision; and

      (2) assistance as required.

   b. Denied: N/A.

   c. Environmental: Suitable classroom facilities to accommodate the entire group.

3. **Standard.** The cadet shall recite the phonetic alphabet and numbers.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Describe the phonetic alphabet from A to Z. Each letter is associated with a word that can be more easily understood over the radio.	Interactive Lecture	5 min	A3-001 (p. 205)
TP2	Identify the phonetic numbers from zero to nine. Explain that: a. numbers are always spoken as single digits, except for whole thousands; and b. symbols are spoken out as words over the radio, for example, the word “decimal” is used where there is a number with a decimal point.	Interactive Lecture	5 min	A3-001 (p. 205)

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. Interactive Lecture: 10 min

   c. Total: 15 min

6. **Substantiation.** The interactive lecture method was chosen as it allows the instructor to make a semi-formal presentation of the material where the cadets can participate by asking or responding to questions and commenting on the material. For this lesson, this method is most effective as it matches well the taxonomic level of the material and is age-appropriate by virtue of its participatory nature.

7. **References.** A3-001 A-CR-CCP-263/PT-001 *From the Ground Up: Millennium Edition*. (2000). Ottawa, ON: Aviation Publishers Co. Limited.

8. **Training Aids.** Presentation aids (i.e. whiteboard/flipchart/OHP/multimedia projector) appropriate for classroom/training area.

9. **Learning Aids.** N/A.

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10. **Test Details.** N/A.

11. **Remarks.** N/A.

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A-CR-CCP-801/PF-001

ROYAL CANADIAN AIR CADETS

PROFICIENCY LEVEL ONE

INSTRUCTIONAL GUIDE

EO M129.01 – RECITE THE PHONETIC ALPHABET

Total Time: 15 min

PREPARATION

PRE-LESSON INSTRUCTIONS

A complete list of resources needed for the instruction of this EO is located at Chapter 4 of the QSP. Specific uses for said stores are identified throughout the Instructional Guide, within the teaching points for which they are required.

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

PRE-LESSON ASSIGNMENT

N/A.

APPROACH

The interactive lecture method was chosen as it allows the instructor to make a semi-formal presentation of the material where the cadets can participate by asking or responding to questions and commenting on the material. For this lesson, this method is most effective as it matches well the taxonomic level of the material and is age-appropriate by virtue of its participatory nature.

INTRODUCTION

REVIEW

N/A.

OBJECTIVES

By the end of this lesson the cadet shall have recited the phonetic alphabet.

IMPORTANCE

It is important to know how to properly say the alphabet and numbers while communicating over a radio. This knowledge will help avoid confusion through the pronunciation of letters and numbers and the misinterpretation of messages. Cadets can use this information during flying and aircrew survival training.

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Teaching Point 1 **Describe the Phonetic Alphabet**

Time: 5 min Method: Interactive Lecture

PHONETIC ALPHABET

The phonetic alphabet is used because letters that sound similar might be confused when said over a radio. An example of similar sounding letters is "**M**" and "**N**". Therefore, each letter of the alphabet is associated with a word that is easily understood over the radio.

The phonetic alphabet is as follows:

- A – Alpha
- B – Bravo
- C – Charlie
- D – Delta
- E – Echo
- F – Foxtrot
- G – Golf
- H – Hotel
- I – India
- J – Juliet
- K – Kilo
- L – Lima
- M – Mike
- N – November
- O – Oscar
- P – Papa
- Q – Quebec
- R – Romeo
- S – Sierra
- T – Tango
- U – Uniform
- V – Victor
- W – Whiskey
- X – X-ray

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- Y – Yankee
- Z – Zulu

Use of the phonetic alphabet can be heard on a familiarization flight when the pilot communicates the aircraft's call letters to the tower.

CONFIRMATION OF TEACHING POINT 1

QUESTIONS

Q1. Why is the phonetic alphabet used?

Q2. How is "Y" pronounced using the phonetic alphabet?

Q3. How is "H" pronounced using the phonetic alphabet?

ANTICIPATED ANSWERS

A1. To avoid confusion between letters that sound alike.

A2. Yankee.

A3. Hotel.

Teaching Point 2 **Identify the Phonetic Numbers**

Time: 5 min Method: Interactive Lecture

PHONETIC NUMBERS

Phonetic numbers are used to avoid misunderstandings when using radio communication. Numbers are enunciated in the following manner:

- 0 – Zee-ro
- 1 – Wun
- 2 – Too
- 3 – Tree
- 4 – Fow-er
- 5 – Fife
- 6 – Six
- 7 – Seven
- 8 – Ait
- 9 – Nin-er

Numbers are always spoken as single digits, except for whole thousands. For example, 5280 would be spoken "fife too ait zee-ro" and 5000 would be spoken "fife tou-sand."

Symbols are spoken out as words over the radio; e.g. the word decimal, pronounced "day-see-mal", is used where there is a number with a decimal point.

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Air traffic controllers use phonetic numbers to communicate to pilots what runway to use when taking off and landing.

CONFIRMATION OF TEACHING POINT 2

QUESTIONS

Q1. How is the number one pronounced?

Q2. How is the number four pronounced?

Q3. How is 1289 pronounced?

ANTICIPATED ANSWERS

A1. Wun.

A2. Fow-er.

A3. Wun too ait nin-er.

END OF LESSON CONFIRMATION

QUESTIONS

Q1. How is the letter N pronounced?

Q2. How is the letter U pronounced?

Q3. How is the number four pronounced?

Q4. How is 629.03 pronounced?

ANTICIPATED ANSWERS

A1. November.

A2. Uniform.

A3. Fow-er.

A4. Six too nin-er day-see-mal zee-ro tree.

CONCLUSION

HOMEWORK/READING/PRACTICE

N/A.

METHOD OF EVALUATION

N/A.

CLOSING STATEMENT

Knowledge of the proper way to use the alphabet and numbers is essential to ensure radio messages are transmitted and understood properly. This knowledge ensures the proper use of voice procedures during flying training and aircrew survival training.

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INSTRUCTOR NOTES/REMARKS

N/A.

REFERENCES

A3-001 A-CR-CCP-263/PT001, *From the Ground Up: Millennium Edition* (2000). Ottawa, ON: Aviation Publishers.

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