Update to General Test
General Test Guide 2019

With the following changes, ASA’s General Test Guide 2019 provides complete preparation for the FAA General Knowledge Exam. This test continues to reference the Airman Knowledge Testing Supplement for Aviation Maintenance Technician (FAA-CT-8080-4G).

About the Test Changes
The FAA exams are “closed tests” which means the exact database of questions is not available to the public. However, each test cycle the FAA provides a What’s New document, which identifies subjects that have been removed or added to a test. This document also includes pertinent information to ensure training and testing remains correlated, which in turn promotes a reliable certification system.

The question and answer choices in this book provide a comprehensive representation of FAA questions, derived from history and experience with the airman testing process. You might see similar although not exactly the same questions on your official FAA exam. Answer stems may be rearranged from the A, B, C order you see in this book. Therefore, be careful to fully understand the intent of each question and corresponding answer while studying, rather than memorize the A, B, C answer. You may be asked a question that has unfamiliar wording; studying and understanding the information in this book and the associated reference documents will give you the tools to answer all types of questions with confidence. We invite your feedback. After you take your official FAA exam, let us know how you did. Were you prepared? Did the ASA products meet your needs and exceed your expectations? We want to continue to improve these products to ensure applicants are prepared, and become safe aviation maintenance technicians. Send feedback to: cfi@asa2fly.com

The next FAA test change is expected in January 2020.

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| 11          | 8039            | [B]           | *The question is changed to read:*
|             |                 |               | **8039.** When referencing resistance in a parallel DC circuit, which of the following statements is true? |
| 11          | 8039-1          | [C]           | *The question and answer stems are changed to read:*
|             |                 |               | **8039-1.** Which of the following is commonly used as a rectifier in electrical circuits? |
|             |                 |               | A— Anodes. |
|             |                 |               | B— Cathodes. |
|             |                 |               | C— Diodes. |
| 26          | 8095            | [C]           | *Answer stems A and B are changed to read:*
|             |                 |               | A— The electrolytes in each battery are the same, so there are no significant differences. |
|             |                 |               | B— The nickel-cadmium would not be affected but the lead acid battery could become contaminated. |
| 27          | 8098            | [C]           | *The question and answer stems are changed to read:*
<p>|             |                 |               | <strong>8098.</strong> During discharge, nickel-cadmium batteries will show a lower liquid level than when at full charge because |
|             |                 |               | A— a chemical action causes the electrolyte to evaporate through the vents. |
|             |                 |               | B— current leakage from individual cells causes a rise in temperature. |
|             |                 |               | C— the electrolyte becomes absorbed into the plates. |</p>
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| 28          | 8103           | [A]           | The question and answer stems are changed to read:  
8103. What type of line is normally used in a mechanical drawing or blueprint that indicates invisible edges or contours?  
A—Medium weight short dashes evenly spaced.  
B—Medium weight very short dashes evenly spaced.  
C—Thin weight one long and two short dashes evenly spaced. |
| 33          | 8121-1         | [C]           | Answer stem A is changed to read:  
A—Text. |
| 37          | 8130-3         | [B]           | The question and answer stems are changed to read:  
8130-3. In order to locate wing and stabilizer frames, what numbering system is used?  
A—Dimension numbers.  
B—Station numbers.  
C—Scale numbers. |
| 58          | 8215-3         | [C]           | The correct answer is changed to C. |
| 75          | 8308           | [C]           | Answer stem A is changed to read:  
A—Shut off the fuel. |
| 87          | 8379-2         | [B]           | The question, answer stems, and explanation are changed to read:  
8379-2. Convert the binary number 00001111 to a whole number.  
A—31.  
B—15.  
C—8.  
The binary number 00001111 is converted bit by bit into whole number: 1000 = 8; 0100 = 4; 0010 = 2; and 0001 = 1; thus the entire binary number equals 8 + 4 + 2 + 1 = 15 as a whole number. |
| 89          | 8393-3         | [C]           | Answer stem C and the explanation are changed to read:  
C—0.042.  
Follow the order of operations rule:  
√31 + √43 = 5.56 + 6.56 = 12.12  
12.12 ÷ 17² = 12.12 ÷ 289 = 0.042 |
| 121         | 8530-2         | [C]           | A new question is added to read:  
8530-2. 14 CFR Part 65 Subpart D contains regulations regarding the certification of  
A—repairmen.  
B—pilots.  
C—mechanics.  
(082) 14 CFR Part 65 |
| 121         | 8531-2         | [A]           | Answer stem B is changed to read:  
B—120 days. |