

With the following changes, this text provides complete preparation for the FAA Aviation Maintenance Technician General Knowledge Exam. The FAA may rearrange the answer stems to appear in a different order on your test than you see in this book. For this reason, be careful to fully understand the intent of each question and corresponding answer while studying, rather than memorize the A, B, C associated with the correct response.

The following changes are printed in ASA's 2010 *General Test Guide*. The FAA is expected to release a new test database in October 2009.

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<b>Page Number</b>	<b>Question Number</b>	<b>Correct Answer</b>	<b>Explanation</b>
109	8487-1	[C]	<p><i>A new question is added to read:</i></p> <p><b>8487-1.</b> Which of the following is Newton's First Law of Motion, generally termed the Law of Inertia?</p> <p>A—To every action there is an equal and opposite reaction. B—Force is proportional to the product of mass and acceleration. C—Every body persists in its state of rest, or of motion in a straight line, unless acted upon by some outside force.</p> <p>Newton's first law explains that when an object is at rest, it tries to remain at rest. But when it is moving, it tries to keep moving in a straight line and will not speed up, slow down, or turn unless it is acted upon by an outside force. This tendency of the object to remain in its original condition of motion is called inertia.</p> <p>8487-1 [C] (AMG027) AMT-G Ch 4</p>