



## Update to Airframe Test

### Airframe Mechanic Test Guide 2024

**June 2024**  
ASA-AMA-24

With the following changes, ASA's *Airframe Mechanic Test Guide 2024* provides complete preparation for the FAA Airframe 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 database of questions used on the exam is not available to the public. However, the FAA identifies subjects that have been removed or added to a test, as well as pertinent information to ensure training and testing remain correlated, which, in turn, promotes a reliable certification system.

The questions 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, though not exactly the same, questions on your official FAA exam. On the test, answer choices 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. While 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](mailto:cfi@asa2fly.com)

Page Number	Question Number	Correct Answer	Explanation
11	8173	[B]	<b>Answer stem C is changed to read:</b> C—A = 1.252, B = 1.496, C = 1.752
18	8034		<b>This question has moved to the General Mechanic Test Guide.</b>
18	8037		<b>This question has moved to the General Mechanic Test Guide.</b>
18	8039		<b>This question has moved to the General Mechanic Test Guide.</b>
22	8038		<b>This question has moved to the General Mechanic Test Guide.</b>
22	9033	[C]	<b>The correct answer is C.</b>
23	8027		<b>This question has moved to the General Mechanic Test Guide.</b>
23	8028		<b>This question has moved to the General Mechanic Test Guide.</b>
23	8029		<b>This question has moved to the General Mechanic Test Guide.</b>
23	8030		<b>This question has moved to the General Mechanic Test Guide.</b>
23	8031		<b>This question has moved to the General Mechanic Test Guide.</b>

Page Number	Question Number	Correct Answer	Explanation
23	8032		This question has moved to the General Mechanic Test Guide.
23	8033		This question has moved to the General Mechanic Test Guide.
24	8035		This question has moved to the General Mechanic Test Guide.
24	8036		This question has moved to the General Mechanic Test Guide.
24	8040		This question has moved to the General Mechanic Test Guide.
50	8365-1	[A]	<p><b>The question and explanation are changed to read:</b></p> <p><b>8365-1.</b> What is the minimum amount of time to wait for tires to cool before checking tire pressure in hot weather?</p> <p>A—3 hours. B—2 hours. C—1 hour.</p> <p><i>When checking tire pressure, allow three hours to elapse after a typical landing in hot weather to ensure the tire has cooled to ambient temperature.</i></p>
129	8988	[C]	<p><b>The correct answer is C and the explanation is changed to read:</b></p> <p><i>To combat carburetor icing, air preheated by the exhaust manifold is directed into the carburetor via a push/pull control in the flight deck. The control changes the position of the air diverter butterfly in the carburetor heat valve box.</i></p>
147	33		This question has moved to the General Mechanic Test Guide.
147	34		This question has moved to the General Mechanic Test Guide.
147	35		This question has moved to the General Mechanic Test Guide.
147	36		This question has moved to the General Mechanic Test Guide.
147	37		This question has moved to the General Mechanic Test Guide.
147	38		This question has moved to the General Mechanic Test Guide.
147	39		This question has moved to the General Mechanic Test Guide.
147	40		This question has moved to the General Mechanic Test Guide.
147	41		This question has moved to the General Mechanic Test Guide.
147	42		This question has moved to the General Mechanic Test Guide.
147	43		This question has moved to the General Mechanic Test Guide.
147	44		This question has moved to the General Mechanic Test Guide.
147	45		This question has moved to the General Mechanic Test Guide.

Page Number	Question Number	Correct Answer	Explanation
147	46		This question has moved to the General Mechanic Test Guide.
147	47		This question has moved to the General Mechanic Test Guide.
147	48		This question has moved to the General Mechanic Test Guide.
148	14		This question has moved to the General Mechanic Test Guide.
148	15		This question has moved to the General Mechanic Test Guide.
148	16		This question has moved to the General Mechanic Test Guide.
148	17		This question has moved to the General Mechanic Test Guide.
148	18		This question has moved to the General Mechanic Test Guide.
148	19		This question has moved to the General Mechanic Test Guide.
148	20		This question has moved to the General Mechanic Test Guide.
148	21		This question has moved to the General Mechanic Test Guide.
148	22		This question has moved to the General Mechanic Test Guide.
148	23		This question has moved to the General Mechanic Test Guide.