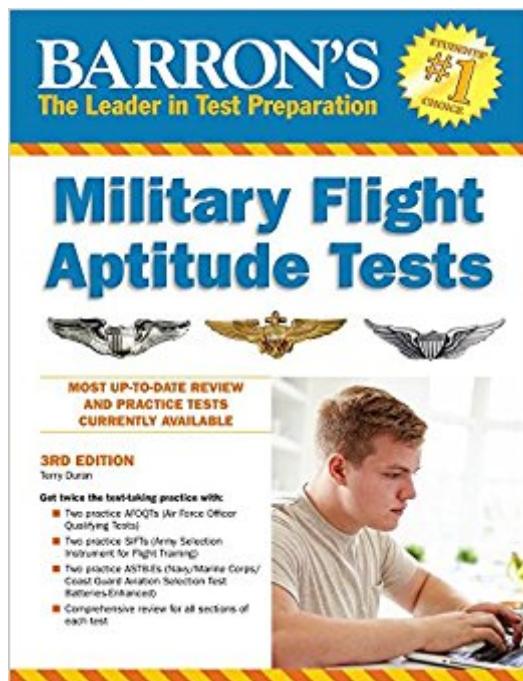


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# Barron's Military Flight Aptitude Tests, 3rd Edition



## Synopsis

This brand new edition of Barron's easy-to-read test prep guide has been fully updated to prepare candidates for the new Selection Instruments Flight Training (SIFT) test and will help prospective military aviators for all U.S. armed forces score their best on their service's flight aptitude test. Officer candidates, ROTC cadets, and currently enlisted personnel looking to move up or trying to qualify for pilot status will find that this book gives them all they need to achieve their highest score. A total of six full-length practice tests include answers and explanations for all questions. Test overviews and detailed review sections give readers the edge they need to rise to the top of the candidates' list. The manual presents two practice Air Force Officer Qualifying Tests (AFOQTs), two practice SIFTs, and two practice Navy/Marine Corps/Coast Guard Aviation Selection Test Batteries (ASTBs). Written by a veteran military officer and instructor, this book's review sections cover language comprehension, math, mechanical comprehension, aviation and nautical technical information, general science, and specific mental skills such as block counting, finding hidden figures, and spatial apperception. The author also coaches readers on effective study techniques, provides information resources, and gives pilot candidates a thorough preview of how each test is structured.

## Book Information

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## Customer Reviews

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It seems the author is well versed in aeronautics, and in that field the book has helped tremendously. However, in other sections such as math and mechanics, there are frequent mistakes. These range from purely typographical errors (claiming a driving gear rotates 10 times in a problem in the sample AFQT, not having any plausible answer choices for the given information, then in the answer stating the same gear rotates 15 times) to mathematical blunders (SIFT exam 2, Math Section, problem 11; the answer does not sum up correctly) to serious errors in misunderstanding the theory (the author states that the mechanical advantage of a hydraulic system the ratio of the diameters of the pistons, where it should be the areas of the pistons OR the inverse of the distance moved. From the text, it appeared the author became confused between the diameter and the distance moved as he assigned both the symbol "d", then continued with his proof after switching them around). Furthermore, the math sections are not nearly challenging enough. In the precursor to the ASTB, it is explained that the math section could present logarithms and inverse exponents, none of these are present in the explanations or sample tests. Conversely, the reading section is more challenging than other study guides, providing multiple answers for each passage that seem correct, though only one is explicitly stated. Though many sections were thorough and informative, and the writing style is fun and comprehensible, I spent far too long proofreading the errors to make sure I was not mistaken (make no mistake: I realized I was the one in error many times, but by no means every time). To be blunt, the significant amount of blunders within the book I was able to find thanks to my previous education makes me wonder what else is incorrect; therefore, the integrity of the entire work is under question.

This book helped me prep for the AFOQT tremendously. In my experience with the AFOQT, confidence in your abilities and familiarity with the test structure and material are essential to doing well. This book helps with both. The information is presented well in an easy to read manner and

format. There were some discrepancies with the table reading section and my version of the test but other than that it was great. My advice is get this book as well as a few others to use for practice tests and study everyday in some way. You can take and retake sections as many times as possible but **ALWAYS** time yourself. Like I said earlier this book is great but I recommend supplementing it with others. After going from no experience with flight or navigation I scored well above the required scores for entry and my composite scores are very competitive. Study hard and prep efficiently and you will do great!

There is no real study guide that will accurately prep you for these tests. Especially the ASTB-E for all you Navy and USMC hopefuls. But you need to use a study book or else you don't have a chance in hell. Also, no book will help out for the flight simulation BS they added. The reading portion will be similar, the math for me was mainly on probability questions, marbles in a bag, decks of cards, dice.. Casino type crap. Know your fractions inside and out! Also, your navy terminology will be useful to know. The book does that well along with theory of flight materials (Camber, flight envelope, pitch, yaw, roll). I forgot that an aircraft carrier uses steam for its catapult system. I got that question wrong on the exam! Know how many questions are on each section! I used a outdated Barron's guide for this test that said we had 30 minutes for math with 25 questions. On test day I was caught off guard when they gave me 55 minutes for math and god knows how many questions! Good luck to all!

I was using this for the US Air Force officer exam and it was ok. Just ok. There was a lot of useless material. You're better off studying from a simple math book and reading your favorite military books. Practice taking a timed test too! The US Air Force exam is really long, but goes by really fast too!! Basically grab a SAT/ACT practice exam and time yourself.

Get the GRE review books for math study and math test questions. Same with the reading. This book has a strong (long) mechanical section. I've heard about typos, but I haven't relied on this book much for the math section or reading section. I'll use GRE reviews for that. I'm an engineer so I have a fairly strong hold on the statics/mechanics/physics aspect. I bought the book for the practice tests as well as the information about planes and ships. Complement this book with other books and stuff from [airwarriors.com](http://airwarriors.com)

This was one of the books used to study for the AFOQT. It helped immensely. There were a number

of errors. Word of advice: The AFOQT has recently changed (as of Summer 2015) so there are sections that this book will not cover (Know delegations and the roles of different ranks!)

This guide helped a good amount with the mechanical but the math section and reading need to be revised because when I took the OAR I found myself puzzled with questions I didn't get to study for. Still passed for SWO with a 46. Would not recommend this guide for OAR because im sure there are better out there.

Great book except the Subtest #5, which they forgot to add the actual fuselage and the description of what is correct with the fuselage silhouette description is mixed up with the next description, which therefore makes the next one incorrect. Then, based on these two examples, you will fail the following test miserably. Had to reference from other books to make sure I wasn't losing my mind! Other than that, good.

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