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The Turbine Pilot's Flight Manual



Synopsis

Designed for the pilot of piston-engine aircraft who is preparing for turbine ground school, the transitioning military pilot studying for that first corporate or airline interview, or even the old pro brushing up on turbine aircraft operations, this manual covers all the basics, clearly explaining the differences between turbine aircraft and their piston-engine counterparts. It addresses high-speed aerodynamics, coordinating multipilot crews, wake turbulence, and navigating in high-altitude weather. The book is like an operations manual for these complex aircraft, detailing pilot operations that include preflight, normal, emergency, IFR, and fueling procedures. Readers will be introduced to flight dispatch; state-of-the-art cockpit instrumentation, including the flight management system (FMS) and the head-up guidance system (HGS or HUD); and the operating principles of hazard avoidance systems, including weather radar, lightning detectors, and the ground proximity warning system (GPWS). Updated to reflect the newest Federal Aviation Administration regulations and procedures, this new edition also includes a glossary of airline and corporate aviation terminology, handy turbine pilot rules of thumb, and a comprehensive turbine aircraft “Spotter” Guide.

Book Information

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Customer Reviews

“The Turbine Pilot’s Flight Manual should not only improve the hiring opportunity for pilots, but also add hours of sleep to nights between ground school classes.”
—Dan Russell, captain for a commercial airline
“An extraordinarily well-written book with a vast

amount of information to enhance the knowledge of any turbine pilot. • Bill J. Niederer, B-737 pilot: "The most comprehensive and complete information available to any aspiring commercial pilot. A basic knowledge of systems and terminology is invaluable, not only for initial training, but also for your presentation during the interview process. A must-read!" • Dick Ionata, retired senior captain for a major airline

Gregory N. Brown: In Greg Brown's book "The Savvy Flight Instructor" the author's love for flying is obvious in every chapter, as is his concern for the image of the flight instructor and flight school: that they perform the best they can to seek out, promote, and sustain the joy of flight for the good of the entire industry. In keeping with his role as general aviation advocate, Greg hosts the "Aviation Careers Forum" and the "New Pilots Forum" on America Online, and serves as a Contributing Editor for Flight Training magazine. He has entertained and educated aviation audiences as a speaker since 1990, most recently as presenter for NATA's acclaimed Flight School Training Manager Seminars. An active practitioner of the noble art of flight instructing since 1979, Greg has also served as a professional pilot in both scheduled and corporate aviation, and flown extensively for pleasure and personal business. His teaching background also includes service as faculty member at Purdue University, regular presentations at Embry-Riddle Aeronautical University, and numerous professional seminars. Greg Brown earned Bachelor's and Master's degrees at the University of Illinois at Urbana-Champaign, where his graduate work included human-factors cockpit design at the Aviation Research Laboratory. He studied for two years at the University of Wisconsin-Madison, and completed several advanced flight ratings at Purdue University. He holds an ATP pilot certificate with Boeing 737 type rating, and Flight Instructor certificate with all fixed wing aircraft ratings including glider. Greg also holds Advanced and Instrument Ground Instructor ratings, and has been active as a pilot since 1971. He was also honored with the "2000 Industry/FAA National Flight Instructor of the Year" award. Greg's most recent publication is Flying Carpet: The Soul of an Airplane which includes stories from his long-running column in Flight Training magazine. Other popular aviation books by Greg include: The Turbine Pilot's Flight Manual, and Job Hunting for Pilots.

Mark J. Holt: Mark J. Holt, a pilot for a major airline who has logged over 15,000 hours in his 30 years of flying, holds an ATP certificate with Boeing 757/767 and BAE Jetstream 41 type ratings, and a Flight Engineer (Turbojet), and flight/ground instructor certificates. Mr. Holt soloed at age 16 and his professional flying career includes extensive flight and ground instructing experience and service as a check airman for a large Part 121 regional airline. Mark also served nine years as an electronics/radar technician for the U.S. Air Force Air National Guard. Mark is co-author of The

Turbine Pilot's Flight Manual and Air Carrier Operations.

I have been an airline pilot for over 25 years having started with Turboprops and then moved on the the bigger jets including wide-bodies. This an excellent book for a new entrant as well as a review for those who have "forgotten" or never learnt some of the basics. The explanations are simple and to the point. I wish I had this book in 1989 when I started my first airline job! It was such a big jump from flight instructing and this book would have answered all my questions. If you have an interview this book will help a lot. Thumbs up!

As a military pilot going for an airline interview, this book is fantastic for the interview prep. This is brilliant at explaining things, and it seems as if he had the military pilot in mind when he wrote it. Really great review of all the applicable interview topics.

Excellent book. For a guy who's got very limited turbine experience, this book helped me get a much better grasp on big-airplane systems and I feel was a large contributor to my successful regional interview.

Great reference book for any turbo-prop driver.... New or old...

This is a good book, well written, easy to understand. Explanations of aircraft systems are very straightforward and simple. The book is fun for me because I met the author a few years ago and did not know until recently that he had written this book.

This helped me pass my regional airline interview.

Outstanding book by Greg Brown! Very well explained and easy to understand.

I had the last version. Wanted an update. Great book for those interested in jet engines and how they work.

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