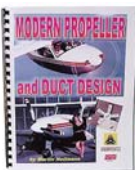
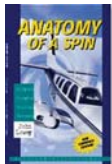


MODERN PROPELLER AND DUCT DESIGN – This book tells you the theory of propeller aerodynamics and how to size a propeller. The program allows you to optimize a propeller for a given horsepower and airspeed. Variables such as number of blades, pitch, airfoil, thickness, air density, thrust coefficient, prop efficiency, and airspeed are all explained. Discussion of various prop materials and duct theory is also included. (Martin Hollman) P/N 13-15175... **\$61.75**



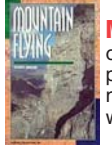
STRESS WITHOUT TEARS (TOM RHODES) – This is a primary discussion, not an advanced text by an experienced aircraft stress analyst. Math and other theory is introduced, but only as necessary to master the subject matter. Stress analysis is presented in as simple terms as possible without complex scientific jargon and is done so in a readable and enjoyable manner.

P/N 13-15180 **\$24.95**



ANATOMY OF A SPIN – A comprehensive study of stall-spin phenomena. Written by John Lowery, highly experienced in both pilot training and aircraft flight testing, this book emphasizes NASA data on stalls and spins in general-aviation aircraft. Broadening the scope are interviews with factory test pilots together with data from aircraft manufacturers. Added to these are the author's own extensive experience in both high-performance and general-aviation aircraft.

Anatomy of a Spin has many high-quality diagrams and photographs, and also offers a comprehensive explanation of why there is no "standard recovery" from a spin. P/N 13-02080 **\$8.95**



MOUNTAIN FLYING – Organized to follow the sequence of typical flight, the book preflight, takeoff, enroute, arrival procedures, and landing. The author discusses fuel management, the magnetic compass, the effects of high-altitude on weight and balance, and the airspeed indicator.

P/N 13-02082 **\$8.95**



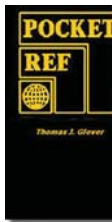
THE ORIGINAL GRAND CANYON AIRPORT - Every chapter is illustrated with images of Ford Trimotors, Travelairs, and more Golden Age aircraft. Koontz's original research at the airport during 2005 resulted in a listing on the National Register of Historic Places. Naval Aviator, Rear Admiral Ernest Eugene "Gene" Tissot, Jr. (USN Ret.), shared personal memoirs and family photographs from his childhood years living at the airport and near Boulder Dam (now Hoover Dam). These stories and most of the photographs have never before been published. P/N 13-12352 **\$27.95**



INTERNATIONAL AIRCRAFT DIRECTORY

AP – Whether you're a pilot or an aviation enthusiast, the International Aircraft Directory from the editors of Plane & Pilot magazine is sure to have all you're looking for in an easy-to-use reference tool for checking facts about a particular model,

identifying unusual aircraft, and recognizing trends in airplane design. Now in its third edition, the book features detailed descriptions and photographs of more than 500 airplanes from around the world, including single-engine, multi-engine, jet, classic antique, homebuilts, kit-builts, sailplanes, motorgliders, warbirds, and military aircraft flown by civilian pilots. The directory lists airframe and powerplant information and historical facts as well as standard data and performance specifications such as a horsepower thrust, weight, speed, and range. The 304-page softcover book. P/N 13-04144 **\$14.95**



POCKET REF (THOMAS GLOVER) – This great little book is a concise all-purpose reference featuring hundreds of tables, maps, formulas, constants & conversions AND it still fits in your shirt pocket! Goes where you go! • Pocket Ref • 3rd Edition by Thomas J. Glover • Over 200 new pages and virtually thousands of updates! • Index for information access.

P/N 13-19342 **\$11.95**



FUNDAMENTALS OF SAILPLANE DESIGN – This book, the definitive text on sailplane design, grew out of the authors work with the Akaflieg Braunschweig as well as his popular introductory course in sailplane design. To make the material accessible to pilots without an engineering background, an emphasis is placed on physical understanding and visualization. Mathematics is held to a minimum. Because it draws on decades of experience developed at the German Akafiegs, the material will help the experienced engineer to quickly develop a practical understanding of the considerations that go into the design of a high-performance sailplane. The design data tables and three-view drawings have been expanded to include entries for over 150 aircraft. P/N 13-00361 **\$41.75**

AVIATION MAINTENANCE TECHNICIANS BOOK (DALE CRANE) – The Aviation Maintenance Technician: General is the first book of Dale Crane's AMT Series, textbooks created to set the pace for maintenance technician training and serve as an essential resource to pass the FAA Knowledge Exam. General covers the first section of the FAA's required curriculum, incorporating an introduction to aviation along with basic lessons on

mathematics, physics, and electricity. As the student progresses, specific aviation concerns are addressed, including regulations, mechanic privileges, forms, aircraft hardware and tools.

A study guide is included within each textbook in the form of study question sections, with answer keys printed at the end of each chapter. These can be used for evaluation by an instructor or for self-testing. ASA's mechanic textbooks are all-inclusive—no separate, inconvenient workbook is needed by the student or instructor.

General textbook.....P/N 13-00574 **\$49.95**
Airframe vol. 1.....P/N 13-00581 **\$42.85**
Airframe vol. 2.....P/N 13-00582 **\$42.85**
Powerplant.....P/N 13-00583 **\$49.95**



EVERYTHING EXPLAINED FOR THE PROFESSIONAL PILOT BOOK – 430 pages (8 1/2 x 11) crammed with virtually every scrap of information essential and necessary for every pilot. All that knowledge you wish you could have at your fingertips all the time, and many things you never even thought about. Fun to read and yet excruciatingly detailed.

The ultimate reference book that explains all aspects of aviation from props to heavy jets P/N 13-03231 **\$52.95**



THE \$100 HAMBURGER – A Guide To Pilots' Favorite Fly-In Restaurants - The burger is back and juicier than ever!

This new edition of the little book private pilots live, and eat by, features over 1,000 pilot-recommended places to land for that meal at the end of the flight. The author rates restaurants in all 50 states and even includes 6 foreign locations including France, England and Germany. Just what every pilot needs to plan a fun outing in the plane and get some good food too. ?All reviews are from fellow pilots who've actually been there, chowed down, and awarded each place from one to five "burgers". Tells everything, location, service, price, transportation, dress codes & hours of operation.

Book.....P/N 13-03454 **\$36.50**
E-BookP/M 13-09835 **\$33.00**



TURBINE PILOT'S FLIGHT MANUAL (BY GREGORY BROWN AND MARK HOLT) – Truly a text designed to help move the aspiring professional pilot up into the turbines. The book basic yet thorough approach makes no assumptions about the readers prior knowledge on the subject. P/N 13-00637 **\$29.95**



ASA HELICOPTER FLYING HANDBOOK - This is the FAA's primary resource for helicopter operations knowledge; it is essential reading for applicants preparing for knowledge exams with a helicopter class rating. This is the FAA's primary resource for helicopter operations knowledge; it is essential reading for applicants preparing for the exams for private, commercial, or flight instructor pilot certificates with a helicopter class rating. In addition to a basic introduction to the helicopter, readers will find chapters on aerodynamics, flight controls, systems, performance, ground procedures, basic and advanced flight maneuvers, emergencies and hazards, attitude instrument flying, night operations, and aeronautical decision-making. Previously titled Rotorcraft Flying Handbook, this new edition is designed for use by flight instructors, pilots preparing for a helicopter rating FAA Knowledge and Practical exam, and helicopter-rated pilots wishing to improve their knowledge. P/N 13-00735 **\$12.95**

THE AEROELECTRIC CONNECTION - A Guide to Theory, Operation, Design and Fabrication of Aircraft Electrical Systems, Revision 12. Written by Bob Nuckolls with over 50 years of hands-on experience in electronics and aircraft electrical systems. 304 pages of 18 chapters plus Appendix are topped off with a discussion of the poor man's approach to system reliability. Appendix Z offers dozens of variations for tailoring an electrical system to the builder's project and mission requirements. P/N AEC001 **\$22.50**



THEY CALLED ME MR. BONANZA – How it all started in 1944; the original Bonanza design team and their early efforts to find the ideal airplane for the postwar market; how and why the V-tail was chosen; Experimental power plants, first flight wind tunnel testing; Staggerwing influence; birth of the Debonair; why the "straight" tail, airplane genealogy chart. Specs on all models from 1946-1972. P/N13-04102..... **\$41.25**