

# ASA FLIGHT TRAINING

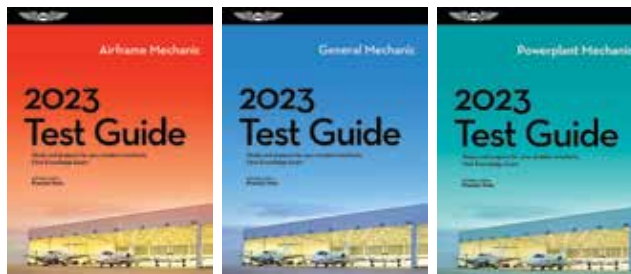
## FAR/AIM REGULATIONS



| Model        | Description             | Part No.    | Price   |
|--------------|-------------------------|-------------|---------|
| 23-FAR-AMT   | Maint Tech FAR*         | 13-15300-23 | \$21.75 |
| 23-FAR-AMT2X | Maint Tech FAR E-bundle | 13-12111-23 | \$27.95 |
| 23-FAR-FC    | Flight Crew FAR*        | 13-02293-23 | \$19.95 |
| 23-FR-AM-BK  | FAR-AIM Book            | 13-15200-23 | \$18.95 |

\*Available In Digital Download.

## AMT TEST GUIDE BOOKS



| Model  | Description                | Part No.    | Price   |
|--------|----------------------------|-------------|---------|
| AMA-23 | Airframe Test Guide        | 13-32321-23 | \$15.95 |
| AMP-23 | Powerplant Test Guide      | 13-32322-23 | \$15.95 |
| AMG-23 | General Test Guide         | 13-32323-23 | \$15.95 |
| IA-7   | Inspection Auth Test Guide | 13-01297    | \$29.95 |

\*Available In Digital Download.

## PILOT TEST PREP BOOKS



| Model     | Description                 | Part No.    | Price   |
|-----------|-----------------------------|-------------|---------|
| TP-C-22   | Commercial Test Prep        | 13-01298-23 | \$18.95 |
| TP-CFI-22 | Flight Instructor Test Prep | 13-32311-23 | \$47.75 |
| TP-FE     | Flight Engineer Test Prep   | 13-18451    | \$22.95 |
| TP-I-22   | Instrument Test Prep        | 13-00974-23 | \$29.95 |
| TP-P-22   | Private Test Prep           | 13-00984-23 | \$19.95 |
| TP-UAS    | Remote Pilot Test Prep      | 13-19086-23 | \$14.95 |

## FAA AMT HANDBOOKS



| Model        | Description                         | Part No. | Price   |
|--------------|-------------------------------------|----------|---------|
| 8083-30      | AMT General Handbook                | 13-06257 | \$33.50 |
| 8083-30-2X   | General Handbook E-bundle           | 13-19058 | \$29.50 |
| 8083-31V1    | Airframe Handbook Vol 1             | 13-13077 | \$24.95 |
| 8083-31V1-2X | Airframe Handbook Vol 1 E-bundle    | 13-19059 | \$29.50 |
| 8083-31V2    | Airframe Handbook Vol 2             | 13-13078 | \$32.50 |
| 8083-31V2-2X | Airframe Handbook Vol 2 E-bundle    | 13-19060 | \$36.90 |
| 8083-32      | Powerplant Handbook                 | 13-13076 | \$32.50 |
| 8083-32-2X   | Powerplant Handbook E-bundle        | 13-19061 | \$29.50 |
| AC43.13-1B2B | Aircraft Repairs & Modifications    | 13-06050 | \$25.50 |
| AC43.13-2X   | Aircraft Inspection/Repair E-bundle | 13-18724 | \$21.95 |

## TEST PREP BUNDLES



| Model      | Description                 | Part No.    | Price   |
|------------|-----------------------------|-------------|---------|
| TPB-AMA-22 | Airframe Test Bundle        | 13-10160-23 | \$45.95 |
| TPB-AMG-22 | General Test Bundle         | 13-10158-23 | \$45.95 |
| TPB-AMP-22 | Powerplant Test Bundle      | 13-10162-23 | \$45.95 |
| TPB-ATP-22 | Air Transport Test Bundle   | 13-10155-23 | \$89.95 |
| TPB-C-22   | Commercial Test Bundle      | 13-10152-23 | \$63.95 |
| TPB-CFI-22 | Flight Inst Test Bundle     | 13-10148-23 | \$63.95 |
| TPB-I-22   | Instrument Test Bundle      | 13-10146-23 | \$63.95 |
| TPB-IA7    | Inspection Auth Test Bundle | 13-10166    | \$84.75 |
| TPB-PVT-22 | Private Test Private Bundle | 13-10145-23 | \$54.95 |
| TPB-UAS    | Remote Pilot TP Bundle      | 13-19088-23 | \$35.85 |

\*Available In Digital Download.

## TEST PREP SOFTWARE & APP



| Model     | Description                  | Part No.    | Price   |
|-----------|------------------------------|-------------|---------|
| TW-AMG-22 | AMT General Prepware         | 13-08679-22 | \$34.95 |
| TW-AMP-22 | AMT Powerplant Prepware      | 13-08682-22 | \$35.95 |
| TW-PVT-22 | Private Prepware             | 13-01078-22 | \$42.95 |
| TWO-SCL-S | Student Online Prepware Card | 13-16215    | \$42.50 |

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## FAA PILOT HANDBOOKS



| Model        | Description                             | Part No. | Price   |
|--------------|-----------------------------------------|----------|---------|
| 8082-22      | Remote Pilot sUAS Study Guide           | 13-19501 | \$11.85 |
| 8083-13A     | Glider Flying Handbook                  | 13-02589 | \$18.95 |
| 8083-13A-2X  | Glider Flying Handbook E-bundle         | 13-19054 | \$21.80 |
| 8083-15B     | Instrument Flying Handbook              | 13-00986 | \$17.95 |
| 8083-15B-2X  | Instrument Flying Handbook E-bundle     | 13-19055 | \$21.80 |
| 8083-16A     | Instrument Procedures Handbook          | 13-15939 | \$21.75 |
| 8083-16A-2X  | Instrument Procedures Handbook E-bundle | 13-16213 | \$24.95 |
| 8083-1B      | Weight & Balance Handbook               | 13-01059 | \$10.95 |
| 8083-2       | Risk Management Handbook                | 13-06667 | \$14.95 |
| 8083-2.1-2X  | Risk Management E-Bundle                | 13-15501 | \$17.95 |
| 8083-21A     | Helicopter Flying Handbook              | 13-00735 | \$17.95 |
| 8083-21A-2X  | Helicopter Flying Handbook E-bundle     | 13-19056 | \$18.50 |
| 8083-23      | Float & Ski Handbook                    | 13-03470 | \$14.50 |
| 8083-25B     | Pilots Handbook Aero Know               | 13-00983 | \$17.95 |
| 8083-25B-2X  | Pilots Handbook Aero Know E-bundle      | 13-19057 | \$20.95 |
| 8083-29      | Powered Parachute Handbook              | 13-05761 | \$19.95 |
| 8083-3B      | Airplane Flying Handbook                | 13-10219 | \$16.95 |
| 3B-2X        | Airplane Flying Handbook E-bundle       | 13-19681 | \$22.50 |
| 8083-6       | Advanced Avionics Handbook              | 13-06670 | \$14.95 |
| 8083-9A      | Aviation Instructors Handbook           | 13-19380 | \$14.95 |
| 8083-9A-2X   | Aviation Instructors Handbook E-bundle  | 13-19070 | \$17.95 |
| AC00-45H     | Aviation Weather Services               | 13-18498 | \$17.85 |
| AC00-45H-2X  | Aviation Weather Services E-bundle      | 13-19682 | \$21.80 |
| AC00-6B      | Aviation Weather                        | 13-01062 | \$13.95 |
| ANA          | Aerodynamics Naval Aviators             | 13-01060 | \$17.95 |
| CUG-12       | Aeronautical Chart Users Guide*         | 13-15497 | \$14.50 |
| CUG-12-2X    | Chart Users Guide E-bundle              | 13-15498 | \$12.95 |
| MED-Handbook | Medical Handbook For Pilots*            | 13-06669 | \$11.70 |

\*Available In Digital Download.

## VTP TEST PREP VIDEOS



| Model        | Description                  | Part No. | Price      |
|--------------|------------------------------|----------|------------|
| VTP-FLIGHT   | Flight Maneuvers Video       | 13-17840 | \$41.95    |
| VTP-I        | Instrument VTP Course        | 13-12382 | \$168.75   |
| VTP-PVT4     | PVT Video Course             | 13-06051 | \$118.95   |
| VTP-SCHOOL   | Test Prep Videos For Schools | 13-19698 | \$2,495.00 |
| VTP-SCHOOL-H | Heli Video For School Use    | 13-19699 | \$495.00   |

## FAA TEST & CERT STANDARDS



| Model      | Description                                        | Part No. | Price  |
|------------|----------------------------------------------------|----------|--------|
| 8081-12C   | Practical Test Standards Commercial Pilot          | 13-00980 | \$7.95 |
| 8081-15A   | Practical Test Standards: Private Pilot Rotorcraft | 13-02337 | \$4.95 |
| 8081-16B   | Commercial & CFI - Helicopter                      | 13-07269 | \$7.50 |
| 8081-5F.7  | ATP/Dispatch                                       | 13-03575 | \$4.50 |
| 8081-6DM   | CFI Multi-engine                                   | 13-02288 | \$5.75 |
| 8081-6DS   | CFI Single Engine Pts                              | 13-32314 | \$5.55 |
| 8081-9D    | CFI Instrument                                     | 13-02296 | \$4.95 |
| 8081-AMT-4 | Aviation Mechanic                                  | 13-18425 | \$7.50 |
| 8081-SPORT | Sport Pilot                                        | 13-05855 | \$7.50 |
| ACS-10     | Remote Pilot Airman Certificate Standards          | 13-19089 | \$3.95 |
| ACS-6B     | ACS: Private Pilot Airplane                        | 13-18974 | \$7.95 |
| ACS-8      | ACS: Instrument Rating Airplane                    | 13-18976 | \$7.95 |

## AMT TEXTBOOKS



| Model        | Description                  | Part No. | Price   |
|--------------|------------------------------|----------|---------|
| AMT-G3-2X    | Amt General Text E-bundle    | 13-19047 | \$75.95 |
| AMT-G3H      | Amt General Textbook         | 13-00574 | \$68.75 |
| AMT-P3       | Amt Powerplant Textbook      | 13-00583 | \$49.95 |
| AMT-P3-2X    | Amt Powerplant Text E-bundle | 13-19684 | \$58.95 |
| AMT-STRC3-2X | Airframe Structures E-bundle | 13-19049 | \$49.95 |
| AMT-STRUC-3H | Airframe Structures          | 13-00581 | \$42.95 |
| AMT-SYS-3H   | Airframe Systems             | 13-00582 | \$51.95 |
| AMT-SYS-3X   | Amt Systems Text Ebundle     | 13-19050 | \$58.95 |
| COMP-101     | Comp Gd To Composites        | 13-18605 | \$26.50 |
| COMP-101-2X  | Comp Gd To Composites        | 13-19077 | \$29.50 |
| COMPOSITE    | Advanced Composites*         | 13-07295 | \$61.75 |
| COMPOSITE-2X | Advanced Composites E-bundle | 13-15503 | \$52.95 |
| MHB-6        | Mechanics Handbook           | 13-02366 | \$19.95 |

\*Available In Digital Download.

## ASA AIRMAN KNOWLEDGE TESTING SUPPLEMENTS



| Description                                     | Part No. | Price   |
|-------------------------------------------------|----------|---------|
| Commercial Pilot                                | 13-21339 | \$6.75  |
| Sport / Recreational / Remote and Private Pilot | 13-21340 | \$5.85  |
| AMT and Parachute Rigging                       | 13-21341 | \$19.95 |
| Flight / Ground And Sport Instructor            | 13-21342 | \$6.75  |





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## PILOT TEXTBOOKS

| Model         | Description                                           | Part No. | Price   |
|---------------|-------------------------------------------------------|----------|---------|
| AERODYN-2     | Aerodynamics                                          | 13-18972 | \$45.65 |
| AERODYN-2-2X  | Aerodynamics E-bundle                                 | 13-18973 | \$43.60 |
| AIRPT-MGT     | Airport Management                                    | 13-18534 | \$61.75 |
| AIRPT-MGT-2X  | Airport Management E-bundle                           | 13-18535 | \$58.75 |
| CAP-5         | Comp Advanced Pilot*                                  | 13-01714 | \$38.50 |
| CAP-5-2X      | Comp Advanced Pilot E-bundle                          | 13-19075 | \$43.95 |
| FM-ADV-8      | Advanced Pilot Flight Manual*                         | 13-32225 | \$21.50 |
| FM-ADV-8-2X   | Advanced Pilot Flight Manual E-bundle                 | 13-19080 | \$29.50 |
| FM-AERO-2     | Basic Aerobatic Manual*                               | 13-32210 | \$15.95 |
| SD-EB         | Skydancing: Aerobatic Flight Techniques - Ebook       | 13-22701 | \$13.50 |
| FM-CFI-6      | Flight Instructor's Manual*                           | 13-32220 | \$29.50 |
| FM-INST-7     | Instrument Flight Manual*                             | 13-32215 | \$28.75 |
| FM-INST-7-2X  | Instrument Flight Manual E-bundle                     | 13-18880 | \$37.95 |
| FM-STU-10     | Student Pilot Flight Manual*                          | 13-32230 | \$19.85 |
| FM-STU-10-2X  | Student Pilot Flight Manual E-bundle                  | 13-18879 | \$26.95 |
| GNP-2         | Global Navigation For Pilots                          | 13-01061 | \$41.50 |
| HELI-FM       | Helicopter Flight Maneuvers                           | 13-18467 | \$18.95 |
| MPT-3         | Comp Multiengine Pilot                                | 13-06661 | \$17.95 |
| PHF-2         | Principles Helicopter Flight                          | 13-05799 | \$17.95 |
| PHF-2-2X      | Principles Helicopter Flight E-bundle                 | 13-19083 | \$25.50 |
| PHF-GRAF-X-CD | Principles Of Helicopter Textbook Images CD Rom       | 13-19084 | \$36.50 |
| PM-1B         | Flight School                                         | 13-00982 | \$54.95 |
| PM-1B-2X      | Flight School E-bundle                                | 13-17909 | \$58.75 |
| PM-2C         | Ground School                                         | 13-00978 | \$57.95 |
| PM-2C-2X      | Ground School E-bundle                                | 13-18402 | \$68.75 |
| PM-3C         | Instrument Flying                                     | 13-00979 | \$65.95 |
| PM-3C-2X      | Instrument Flying E-bundle                            | 13-18403 | \$74.95 |
| PM-ME         | Multi Engine Flying                                   | 13-18405 | \$33.85 |
| PM-S-P5       | Private Syllabus                                      | 13-02264 | \$11.50 |
| PPT-12        | Complete Private Pilot                                | 13-03458 | \$17.95 |
| PPT-12-2X     | Complete Private Pilot E-bundle                       | 13-19085 | \$25.50 |
| PPT-S5        | Complete Private Pilot Syllabus                       | 13-02268 | \$9.95  |
| PRCT-AV-LAW6  | Practical Aviation Law                                | 13-05810 | \$48.50 |
| PRCT-AV-WK6   | Practical Aviation Law Workbook                       | 13-05811 | \$19.95 |
| PRCT-LAW6-2X  | Practical Aviation Law E-bundle                       | 13-19092 | \$54.75 |
| PRCT-LWK6-2X  | Practical Aviation Law Workbook E-bundle              | 13-19094 | \$27.50 |
| SHORT-APP     | The Short Approach                                    | 13-05790 | \$27.95 |
| MPT-4         | The Complete Multi Engine Pilot                       | 13-06661 | \$17.95 |
| MPT-4-2X      | The Complete Multi Engine Pilot E-bundle              | 13-21887 | \$63.95 |
| SPT           | Complete Seaplane Pilot                               | 13-05795 | \$27.95 |
| TURB-PLT3-2X  | Turbine Pilot Flight Man E-bundle                     | 13-19096 | \$36.50 |
| VFM-HI-3      | Visual Flight Manuvers Blue High Wing                 | 13-02289 | \$18.50 |
| VFM-LO-3      | Visual Flight Manuvers Red Low Wing                   | 13-05854 | \$18.50 |
| TIPS-EB       | Tips To Fly By*                                       | 13-22716 | \$13.50 |
| MSFS-2-EB     | Microsoft® Flight Simulator As A Training Aid - Ebook | 13-22635 | \$22.50 |
| DREAM-EB      | Dream Aircraft - Ebook                                | 13-22602 | \$13.50 |

\*Available In Digital Download.

## PILOTS GUIDE



| Model     | Description                  | Part No. | Price   |
|-----------|------------------------------|----------|---------|
| CARDS-R22 | R-22 Helicopter Flash Cards  | 13-18466 | \$16.65 |
| PG-C-172  | Cessna 172 Pilot's Guide     | 13-01055 | \$11.75 |
| PG-PA-28C | Piper Cherokee Pilot's Guide | 13-01057 | \$11.75 |
| PG-PA-38  | Piper Tomahawk Pilot's Guide | 13-01058 | \$10.95 |

## FAA TEST FIGURES BOOKS



| Model No.   | Description                   | Part No. | Price   |
|-------------|-------------------------------|----------|---------|
| CT-8080-6A  | Flight Engineer Test Figures  | 13-01293 | \$13.50 |
| CT-8080-7CY | ATP Test Figs With Addenda    | 13-16531 | \$26.50 |
| CT-8080-8D  | Inspection Auth. Test Figures | 13-02262 | \$94.75 |

## PILOT KITS



| Model       | Description                              | Part No.    | Price    |
|-------------|------------------------------------------|-------------|----------|
| GS-PVT-X    | Private Pilot On-line Ground School      | 13-12230    | \$119.95 |
| PM-EKIT     | Flight School Ebook Kit                  | 13-13081    | \$129.90 |
| PPT-KT      | Student Pilot Kit                        | 13-02271    | \$102.75 |
| PVT-141-KIT | Private Pilot School Kit                 | 13-03128-23 | \$258.00 |
| PVT-61-KIT  | ASA Complete Private Pilot Kit - Part 61 | 13-03127-23 | \$178.75 |

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## PILOT BOOKS



| Model        | Description                      | Part No. | Price   |
|--------------|----------------------------------|----------|---------|
| ACC-REV      | Accident Review                  | 13-18598 | \$13.95 |
| ACD          | International Aircraft Directory | 13-04144 | \$14.95 |
| AIR-CR2      | Air Carrier Operations 2nd Ed    | 13-05809 | \$31.75 |
| ATP-INT-2    | ATP Tech Interviews              | 13-05849 | \$12.95 |
| C21FT        | 21st Century Flight Training     | 13-18479 | \$22.95 |
| CARAVAN      | Cessna Caravan*                  | 13-06226 | \$14.95 |
| CKLIST-6     | Checklist For Success*           | 13-28701 | \$19.75 |
| COCKPIT-PRO  | Cockpit Procedures               | 13-06254 | \$14.95 |
| CON-FLY-EB   | Confident Flying E-Book          | 13-22594 | \$13.50 |
| DAT-5        | Dictionary Aero Terms*           | 13-28700 | \$14.95 |
| DC-3         | Together We Fly DC-3*            | 13-09979 | \$11.75 |
| FAW          | Flying America's Weather         | 13-04065 | \$14.95 |
| FIND         | Finding Carla*                   | 13-18892 | \$11.60 |
| FLIERS       | Fliers In Their Own Words        | 13-02362 | \$10.95 |
| FLY-CARPET   | Flying Carpet*                   | 13-01949 | \$15.95 |
| FLY-RG       | Flying Light Retractable         | 13-17899 | \$13.95 |
| FLY-WING-2   | Fly The Wing*                    | 13-05791 | \$23.95 |
| FLY-WING4-2X | Fly The Wing E-bundle            | 13-21888 | \$32.70 |
| GYF          | Golden Years Of Flying*          | 13-06412 | \$14.95 |
| TCHFLT       | Teaching Flight                  | 13-22064 | \$13.95 |

## PILOT BOOKS



| Model        | Description                    | Part No. | Price   |
|--------------|--------------------------------|----------|---------|
| JOB-SRCH     | Your Job Search Partner        | 13-05844 | \$12.50 |
| LESSON-PLANS | Lesson Plans Scenario Training | 13-19045 | \$14.95 |
| LESSONS-LOG  | Lessons From The Logbook       | 13-05019 | \$14.95 |
| LOG-FLT      | Logging Flight Time            | 13-05797 | \$14.95 |
| MATH-2       | Mental Math For Pilots         | 13-03201 | \$17.75 |
| NSI-2        | Notes Of Seaplane Instructor   | 13-02367 | \$18.95 |
| NTC          | Notes On Tailwheel Checkout    | 13-16529 | \$14.85 |
| PC-SIMS      | Confidence In The Clouds       | 13-05652 | \$14.95 |
| PERF-TOL     | Perf Takeoffs & Landings       | 13-23500 | \$14.95 |
| PIC          | Pilots In Command              | 13-16523 | \$12.95 |
| PLT-TEST     | Test Pilot 1001 Things         | 13-05793 | \$14.95 |
| PP-1         | Prof Pilot Vol 1               | 13-23100 | \$13.50 |
| PP-2         | Prof Pilot Vol 2               | 13-01443 | \$13.50 |
| PP-3         | Flying Wisdom                  | 13-01444 | \$14.50 |
| PRO-FLY-DVD  | Proficient Flying DVD          | 13-19095 | \$29.50 |
| SAP-6        | Say Again Please               | 13-01064 | \$15.75 |
| TO-LDG       | Takeoffs And Landings          | 13-05792 | \$14.95 |
| TRAIN-FLY    | Train Like You Fly             | 13-06237 | \$14.95 |

\*Available In Digital Download.

## ORAL EXAM GUIDES



ASA Oral Exam Guides were written to help applicants prepare for their oral exams with FAA examiners. Examiners ask a lot of questions during the oral portion of the checkride, and thorough preparation is key to success. Using a question-and-answer format, each Oral Exam Guide lists the questions most likely to be asked by examiners and provides succinct, ready responses. Pilots will find the Oral Exam Guides indispensable tools in both planning for what to expect during the airplane checkride, and mastering the subject matter.

| Model       | Description                                  | Part No. | Price   |
|-------------|----------------------------------------------|----------|---------|
| OEG-ADX     | Aircraft Dispatcher Oral Exam Guide          | 13-18470 | \$25.95 |
| OEG-ADX-2X  | Aircraft Dispatcher Oral Exam Guide E-bundle | 13-19081 | \$35.85 |
| OEG-AMT3    | Aircraft Oral Exam Guide                     | 13-50165 | \$14.95 |
| OEG-ATP3    | ATP Oral Exam Guide                          | 13-02284 | \$10.95 |
| OEG-ATP5-EB | ATP Oral Exam Guide eBook-EB                 | 13-22644 | \$13.95 |
| OEG-ATP5-PD | ATP Oral Exam Guide eBook- PD                | 13-22645 | \$13.95 |
| OEG-BFR7    | Flight Review Guide                          | 13-00973 | \$9.85  |
| OEG-BFR8-EB | Flight Review Guide eBook-EB                 | 13-22646 | \$8.95  |
| OEG-BFR8-PD | Flight Review Guide eBook-PD                 | 13-22647 | \$8.99  |
| OEG-C9      | Commercial Oral Exam Guide                   | 13-02283 | \$11.50 |
| OEG-C9-EB   | Commercial Oral Exam Guide eBook-EB          | 13-22648 | \$13.50 |
| OEG-C9-PD   | Commercial Oral Exam Guide eBook-PD          | 13-22649 | \$13.50 |
| OEG-CFI8    | Flight Instructor Oral Guide                 | 13-02285 | \$14.95 |
| OEG-H2      | Helicopter Oral Guide                        | 13-05853 | \$11.50 |
| OEG-I8      | Instrument Oral Exam Guide                   | 13-00976 | \$9.95  |
| OEG-ME7     | Multi-engine Oral Exam Guide                 | 13-02060 | \$11.50 |
| OEG-P10     | Private Oral Exam Guide                      | 13-00977 | \$11.50 |

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# ASA FLIGHT TRAINING

## ASA AVIATION WEATHER HANDBOOK



This important Federal Aviation Administration (FAA) Handbook updates and consolidates information previously available in six different Advisory Circulars: Pilots and dispatchers must learn to deal with all aspects of weather, including how to appreciate good weather, recognize and respect marginal or hazardous weather, and avoid violent weather. This knowledge and the ability to make sound weather decisions are critical to the successful outcome of all flights. This book discusses each aspect of weather as it relates to aircraft operation and flight safety and provides information on the tools available for flight planning and inflight weather decisions, including observations, analyses, and forecasts.

Paperback E-Book ..... P/N 13-24365 ..... **\$39.95**  
 Case of 12 (Paperback) ..... P/N 13-24365-12 ..... **\$478.95**  
 PDF ..... P/N 13-24366 ..... **\$39.95**  
 E-Book ..... P/N 13-24367 ..... **\$39.95**

## ASA ILLUSTRATED GUIDE TO FLYING



Inspired by the effortless soaring of birds, humans have taken to wing as the safest, fastest, and most enjoyable way to travel.

An Illustrated Guide to Flying by Barry Schiff explains the principles and practice of flying with concise critical facts, supported with prolific illustrations and photographs, covering basic flight maneuvers, aircraft engines and flight instruments, navigation, weather, types of aircraft, traffic control, flight rules, and more.

This is an exciting introduction to flying for aspiring pilots of all ages, revealing the mysteries of flight and explaining how pilots deal with their aircraft and the elements through which they fly.

Either as a student, passenger, or future pilot, the reader will enter a fascinating new world that offers challenge, fun, and adventure.

Softcover ..... P/N 13-24338 ..... **\$15.95**  
 PDF ..... P/N 13-24339 ..... **\$18.50**  
 Ebook ..... P/N 13-24340 ..... **\$18.50**

## BUNDLE OF PILOTS HANDBOOK OF AERONAUTICAL KNOWLEDGE / AIRPLANE FLYING HANDBOOK



Providing basic knowledge essential for all pilots, from beginning students through to the more advanced certificates, this Federal Aviation Administration (FAA) publication introduces readers to the broad spectrum of knowledge required as they progress through pilot training. Studying this book, pilots gain the required knowledge to earn a certificate and understand aerodynamic theory associated with airplane flight. Written

for the pilot preparing for a Remote, Sport, Private, Commercial, or Flight Instructor Pilot Certificate, it is a key reference for all the information necessary to operate an aircraft and to pass the FAA Knowledge Exam and Practical Test (checkride) ..... P/N 11-18947 ..... **\$29.75**

## AN AVIATORS FIELD GUIDE TO OWNING AN AIRPLANE



In An Aviator's Field Guide to Owning an Airplane, author Jason Blair shares the knowledge and tips he's gained from his many years owning aircraft and assisting numerous customers buy, sell, manage, and maintain their own airplanes. This book incorporates Blair's many years of industry experience as an aircraft owner, active pilot, instructor, and FAA Designated Pilot Examiner to cover the practical details of ownership and offer tips to maximize your use and enjoyment of your aircraft.

You'll discover how to determine the full cost of aircraft ownership, select insurance, consider tax implications, pick an airport to call home, assess and choose aircraft storage, safely move your airplane, manage maintenance work, find and organize important documents, manage and determine the significance of inoperative equipment, evaluate potential modifications for improved performance, upgrade avionics, overhaul or swap an engine, budget for future maintenance, and more.

P/N 13-22457 ..... **\$9.95**



## PREPWARE 5 PRACTICE TESTS - DIGITAL DOWNLOAD

Prepware Practice Test features include:

Realistic test simulation: the actual FAA questions, number of questions, and time allowed for your certificate or rating. Performance graphs let you hone your studies: Review explanations and answers for the entire test and see your grade for each subject. Get your sign-off: Email your results to ASA to receive your sign-off and graduation certificate, or print results for your flight/ground instructor to endorse. Either way you have everything you need to schedule your exam with the testing center. Gain the confidence you need, and save yourself the hassle and expense of retaking exams at the testing center. You can take 5 practice tests. Submit 2 of the 5 practice tests with scores 80% or better to receive your sign-off (AMT applicants taking the General, Airframe, or Powerplant tests will receive a frameable certificate of completion) ..... P/N 13-22353 ..... **\$12.75**

## AIRCRAFT SYSTEMS FOR PILOTS



Single-source manual of what pilots should know about basic aircraft systems. Previously published by Jeppesen. Previously published by Jeppesen, Aircraft Systems for Pilots is a single-source manual of what pilots should know about basic aircraft systems. It includes a study of the fundamentals of physical matter (from which airplanes are made) and mechanics (how airplane parts act and react). Study of each type of system allows the professional pilot to stay abreast of the critical learning that must occur upon advancement into management of more complex aircraft.

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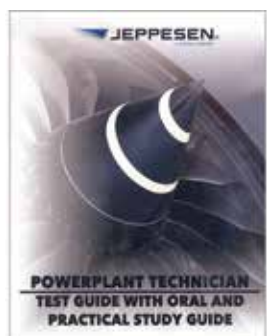
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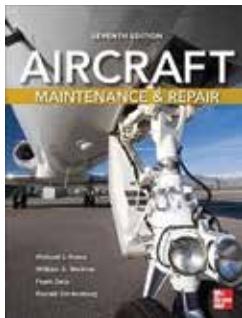
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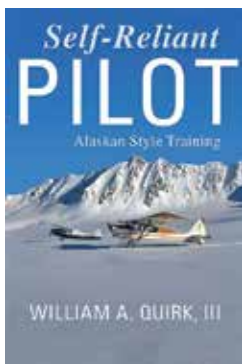


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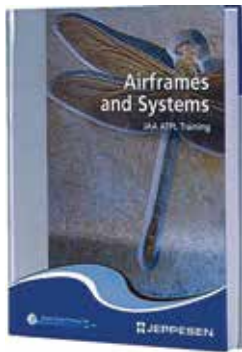
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# JEPPESEN FLIGHT TRAINING

## ASA AVIATORS FIELD GUIDE TO MIDDLE ALTITUDE FLYING

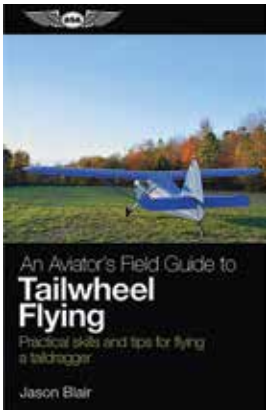


In An Aviator's Field Guide to Middle-Altitude Flying, author Jason Blair shares his experience in a variety of piston, twin-engine aircraft commonly used to fly at altitudes between 10,000 and 25,000 feet MSL. This book covers the major phases of flight and the specific considerations for pilots who operate aircraft at these altitudes, including performance and fuel planning, emergencies, descent planning, navigation, weather, aircraft modifications, oxygen use, weight and balance, pilot qualifications, and insurance. With insight not found in other training manuals or part of typical flight training operations, and gained through his many years instructing and giving checkrides, Blair's book will help the pilot owner or

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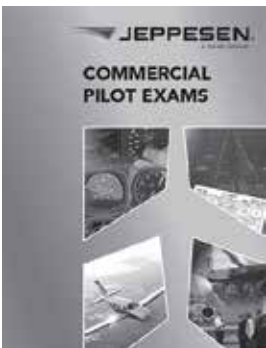
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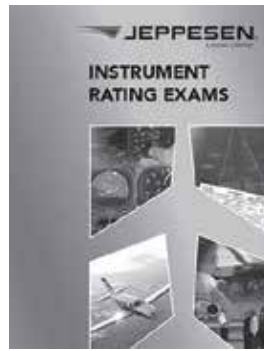
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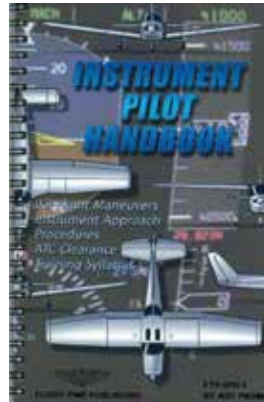


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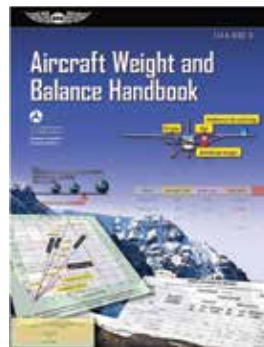
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Module 10 covers Part 145 and 147 organizations, certifying staff, aircraft and parts certification, air operations and continuing airworthiness. For schools and students first exploring the EASA system from non-EASA NAAs, this is also a great way to obtain an initial overview of EASA, its structure, and its differences from more familiar regulatory systems.

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Module 11 covers turbine airplane systems for the B1 technician from environmental, electrical, fuel, gear, electrical, instrumentation, hydraulics, etc. This book is fully compliant as EASA Part 66 module 11a for the B1 license and has been given approvals by numerous EASA based civil aviation authorities.

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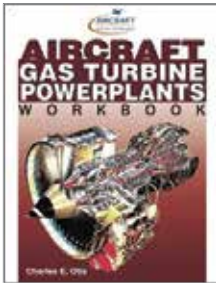




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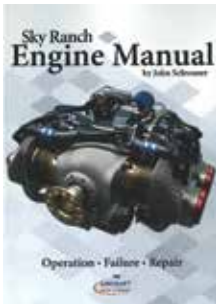
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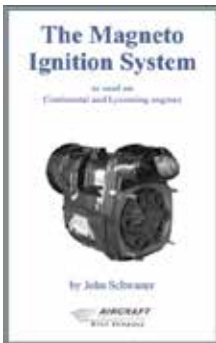
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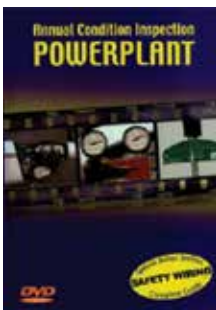
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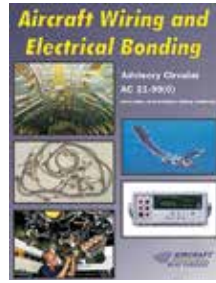
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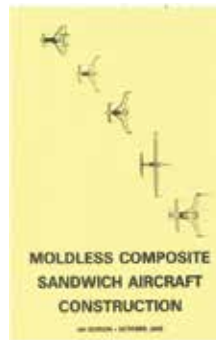
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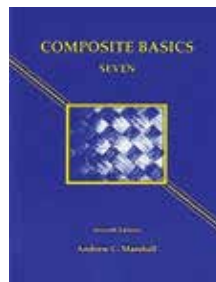
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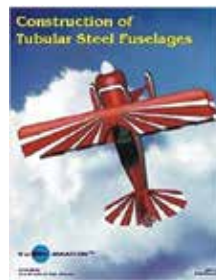
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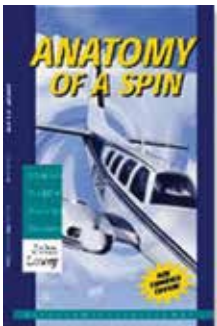
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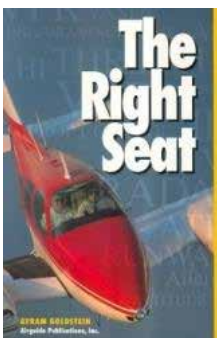
Sooner or later, every homebuilder becomes a test pilot; not just to determine it is safe, but to establish the usable envelope by which you will fly it for the next 20 years. In a step by step methodical manner, this book shows you how to explore your aircraft's performance and identify problems that crop up, even in the most well proven designs.  
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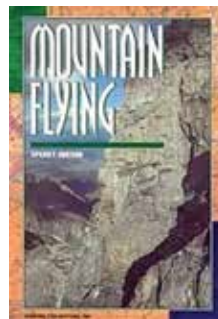


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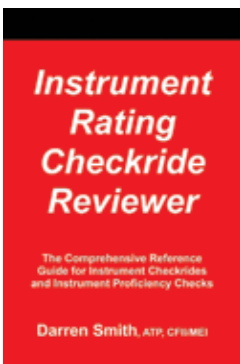
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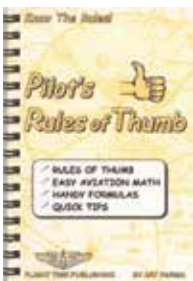
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- Dimensions: 3 1/2" x 2" (Glossy Card Stock) • Weight: 0.95 lbs  
P/N 13-18466 ..... **\$16.65**

## BAHAMAS AND CARIBBEAN PILOT'S GUIDES



A Bahamas Pilot's Guide for the Islands of the Bahamas, and a Caribbean Pilot's Guide for the Islands of the Caribbean. As always, both books include the updated airport data and information pilots have been relying on for 35 years. The spiral binding allows the Guide to be folded back on itself, a nice feature in the cockpit. The tabs are printed on every page, making the Guide more compact. The change to printed tabs makes it easier than ever to find the island or country you're looking for.

The Bahamas Pilot's Guide covers all the Islands of the Bahamas and only the Bahamas. The Caribbean Pilot's Guide covers all the Islands of the Caribbean: the Turks & Caicos, Hispaniola (Dominican Republic, Haiti) and Cuba, the Western Caribbean (Cayman Islands, Jamaica, The Yucatan, Belize and Honduras), Puerto Rico and the Virgin Islands, the Eastern Caribbean from Anguilla through the ABC Islands (Aruba, Bonaire and Curaçao).

- Bahamas ..... P/N 13-15001 ..... **\$37.50**
- Caribbean ..... P/N 13-15003 ..... **\$37.50**

## BOMBSHELLS WARBIRDS 2023 PIN-UP CALENDAR

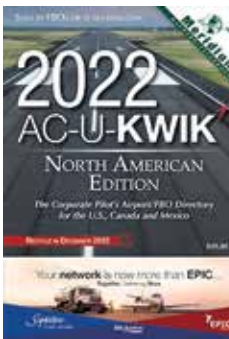


The calendar features beautiful women in a mix of modern and vintage style clothing together with some of our favorite flying machines from the past.

### Specifications:

- Folded Dims: 9-1/2" x 12"
- Hanging Dims: 19" x 12"
- P/N 13-06211 ..... **\$19.95**

## ACUKWIK AIRPORT / FBO DIRECTORY



The AC-U-KWIK North American Edition is business aviation's original directory for connecting flight planners to aviation service providers in the United States, Canada, Mexico and the Caribbean. This annual directory provides detailed airport, FBO, ground transportation, charter, caterer, handlers, and maintenance listings.

For more than 25 years, AC-U-KWIK has been the highest regarded the business aviation industry to provide the most accurate and reliable pre-flight planning data available. Every day, tens of thousands

- for aviation professionals use and AC-U-KWIK products in their day-to-day operations ..... P/N 13-06384 ..... **\$49.95**
- Acukwik Managers World Edition ..... P/N 13-06383 ..... **\$89.95**
- Acukwik International Edition ..... P/N 13-06385 ..... **\$48.95**



## AIRPORTS OF MEXICO

First compiled by Baja Bush Pilot founder Arnold Senterfitt, Airports of Mexico is based on hundreds of hours of flying throughout Mexico. Rewritten by Jack McCormick, this new 20th edition includes both Baja and mainland Mexico, features over 1100 airports/ airstrips, all seaports and heliports, border crossing information, all international airports, information on flying in Mexico, discounts on hotels, Mexican insurance, group trips and fees. Over 150 airports are fully diagramed and are listed alphabetically.

All in a convenient light weight, smaller, snap-ring binder designed for easy to use in the cockpit. A must for every pilot flying trips to Mexico.

P/N 13-01028 ..... **\$59.00**



## T-REF FLIGHT TRAINING REFERENCES

This is a hardcopy product, measuring 8.5" x 11" when closed and 23.375" x 11" when fully opened! The first of two T-Refs dedicated to private pilot training. This first T-Ref provides many important acronyms that a student pilot must know, as well as important information about the airport environment, hypoxia, landing tips, and many other important elements of flying!

- Private Pilot T-Ref 1 ..... P/N 13-12742 ..... **\$18.95**
- Private Pilot T-Ref 2 ..... P/N 13-12743 ..... **\$18.95**
- Instrument Pilot T-Ref 1 ..... P/N 13-12740 ..... **\$18.95**
- Instrument Pilot T-Ref 2 ..... P/N 13-12741 ..... **\$18.95**
- Weather T-Ref ..... P/N 13-12744 ..... **\$18.95**
- T-Ref Complete Package ..... P/N 13-12745 ..... **\$64.75**

## GHOSTS 2022 CALENDARS



Renowned aviation photographer Philip Makanna has captured the essence of this era in his GHOSTS of The Great War and A Time Remembered, a large-format calendar that features his stunning, air-to-air, color photographs. In this edition, his images depict the beginnings of military aviation. The calendar continues through to the advanced aircraft that appeared at the war's end.

13-06012

Stunning images and an evocative day-by-day history of the aviation (and related) events of the period combine to describe the beauty, the romance and the tragedy of military aviation's early days.

- Ghosts WWII- A time remembered ..... P/N 13-01318 ..... **\$15.85**
- Ghosts WWI - The Great War ..... P/N 13-06012 ..... **\$15.85**
- Ghosts of the Skies Book ..... P/N 13-01319 ..... **\$37.95**
- Ghosts of the Skies II Book ..... P/N 13-01957 ..... **\$29.95**



## 2023 AIRCRAFT CALENDARS

The most popular Aircraft calendars in the industry! With outstanding photos of aircraft in flight, this is truly a must for the aviation enthusiast. 6 to choose from.

- Sparta Military Jets ..... P/N 13-06589 ..... **\$14.95**
- Sparta Ghost Warbirds ..... P/N 13-06588 ..... **\$14.95**
- Sparta Shock and Awe ..... P/N 13-06591 ..... **\$14.95**
- Sparta General Aviation ..... P/N 13-06592 ..... **\$14.95**
- Sparta Commercial Aircraft ..... P/N 13-06637 ..... **\$14.95**

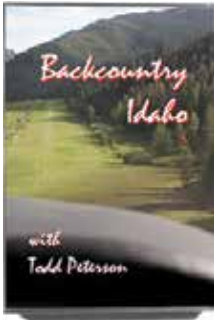
# AVIATION DVDS

## ALASKANS FLY ALASKA



Join the fun as Alaska pilots sharpen their skills in vast and varied Southwest Alaska, an uninhabited, untamed, and undeveloped wilderness. Experience the excitement of the possibilities open to the small plane pilot, flying low and slow through western Canada and Alaska. Come along as they fly through Canada, following the popular routes preferred by experienced small plane pilots. Explore Alaska's back country, where there are no roads and no people for hundreds of miles. Touch down on remote beaches, sandbars, and fields, in places only the bush pilot can go. Marvel at the breathtaking views of spectacular glaciers, ancient canyons, sun-bathed seascapes, and unsurpassed mountain ranges. Enjoy an enthusiastic look at possibilities open to the small plane pilot flying in Canada and Alaska.

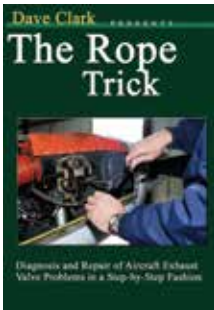
P/N 13-07374 .....\$24.95



## BACKCOUNTRY IDAHO

Pilots of all skill levels will truly enjoy the exhilaration and adventure of Idaho backcountry flying at its best with ... Backcountry Idaho. Visit some of the best backcountry airstrips in the Rocky Mountains. Explore scenic wilderness, vast pine forests, and steep canyons in search of pristine beauty and the next runway challenge. Fly right seat on the actual approaches and departures of these spectacular backcountry airstrips with Todd at the controls of his high-performance, custom designed, King Katmai.

P/N 13-06298 .....\$24.95

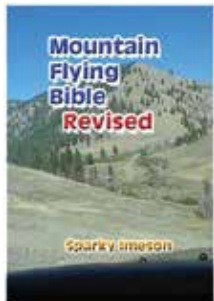


## THE ROPE TRICK

The diagnosis and repair of aircraft exhaust valve problems in a step-by-step fashion. Watch as Dave Clark walks you through the steps for inspecting valve clearances, reaming valve guides, and freeing stuck valves. This video can save you a lot of time and money.

**Topics Included:** • How to perform Lycoming SB 388C • How to check for valve wobble and tightness • How to identify problems on valve stems, guides, and seats • How to ream a sticky valve guide • How to free up a stuck valve without pulling a cylinder • How to choose the necessary tools and more!

P/N 13-10141 .....\$24.95



## MOUNTAIN FLYING BIBLE REVISED

Learn the basic, intermediate and advanced techniques of mountain flying. Learn to anticipate how your airplane will perform in the mountains. Discover simple rules-of-thumb to enhance safety and simplify operations. Learn the weather information required for peace of mind and increased pleasure. 16 pages of color photos of backcountry strips covering the approach, landing and takeoff procedures.

P/N 13-04035 .....\$45.70



## DEEP INSIDE YOUR ROTAX

You can now see and understand what procedures are involved with the 150 and 300 hour inspection/rebuild services. Alan points out the places carbon accumulates, where the common areas of wear occur, and other signs indicating the possibility of potential failures.

The specialized Rotax engine tools are demonstrated as to their function in removing various internal components. Installation and maintenance tricks are also demonstrated and explained for the purpose of heading off future engine failures that can lead to disaster. And More.

P/N 13-03370 .....\$34.95



## THE SHIRT POCKET MOUNTAIN FLYING GUIDE

This is not a rehash of the Mountain Flying Bible. It includes new material and color photos throughout. There are 129-color pages of the 208 pages. What is Covered: Section 1 - Do's and Don'ts

• Section 2 - Basic Premises • Section 3 - Flying Canyons • Section 4 - Crossing Ridges • Section 5 - Turbulence & Va • Section 6 - Maximum Lift Flap Setting • Section 7 - How to Land an Airplane • Section 8 - Visual Illusions • Section 9 - Spot Method for Landing • Section 10 - Mountain Airstrip Operations • Section 11 - Mountain Weather.

Book .....P/N 13-04051 .....\$18.75



## ASA PROFICIENT FLYING - THE VERY BEST OF BARRY SCHIFF DVD

Barry Schiff brings critical subjects to life in this 3-DVD set. Barry Schiff needs no introduction. He's known throughout the industry as a consummate aviator, author and educator with a passion for General Aviation like few others. His seemingly boundless experience and knowledge are surpassed only by his warm, rich writing style and unforgettable presentation techniques. In Proficient Flying Barry Schiff uses these educational skills to help pilots visualize techniques and procedures that can make them safer pilots. He brings critical subjects to life in this DVD series with more than 4 hours of instruction. Schiff's knack for guiding pilots through intricate aspects of flying makes these lessons invaluable and memorable, giving viewers true insight and understanding of the subjects presented

.....P/N 13-19095 .....\$29.50



## BASIC AEROBATICS

Introduces the basic building blocks of aerobatics - spins, rolls and loops - with a wealth of in-cockpit and from-the-ground views of each maneuver. This video is an indispensable aid to those considering a departure from straight and level. (54 min.) 6618A

P/N 13-04302 .....\$47.95



## LIVING IN THE AGE OF AIRPLANES BLU-RAY

Living in the Age of Airplanes offers a fresh perspective on a modern-day miracle that many of us take for granted: flying. Produced and directed by Brian J. Terwilliger (One Six Right), narrated by Harrison Ford and featuring an original score from Academy Award® winning composer James Horner (Avatar, Titanic), the film takes viewers to 18 countries across all seven continents to illuminate how airplanes have empowered a century of global connectedness our ancestors could never have imagined.....P/N 13-20150 .....\$29.95



## ROTAX 912 INSTALLATION TIPS & TECHNIQUES

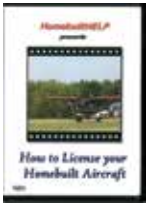
This presentation explains the most important details of preparing and installing the popular Rotax 912 family of four stroke engines in your experimental homebuilt aircraft. This reliable, high performance engine will only perform safely if installed properly as specified by the Rotax installation guide. The important details in this guide are often misunderstood or even ignored completely resulting in catastrophic engine failures and dangerous flying situations. DVD Running time: 1.5 hours

P/N 13-04183 .....\$35.95





# AVIATION DVDS



## HOW TO LICENSE YOUR HOMEBUILT AIRCRAFT

This DVD will walk you through each step to successfully license your experimental amateur homebuilt aircraft. The actual FAA forms required are displayed on screen, and where to obtain them and how to fill them out. ....P/N 13-03609 .....**\$29.95**



## HOMEBUILT HELP ELECTRICAL WIRING TUTORIAL

Explains and demonstrates the common procedures, tools and components required for the basic wiring of a homebuilt aircraft. Demonstrations of crimping, soldering, wire selection and wiring design with simple schematics that are applicable to a homebuilt electrical system. Video length is 1 hour and 20 minutes. ....P/N 13-03578 .....**\$29.95**



## METALWORKING 101

Targeted to the beginning student of pop-riveted metal kit plane construction. Ideal for the person who is contemplating the undertaking of a metal kit plane project. Takes you thru the actual construction of a Zenith rudder, from start to finish. While it can be used to supplement the construction guide supplied by the manufacturer with this rudder (a CH701 or CH601), it is actually intended to demonstrate to the beginning builder just what tasks and skills are required. General metal building procedures are explained and demonstrated. ....P/N 13-03369 .....**\$28.95**

## WEIGHT & BALANCE 101 FOR HOMEBUILT



Completing a homebuilt requires you to calculate and document the weight & balance figures for your plane and present them to the inspector...and for many homebuilders this task is confusing and complicated -- however, this video makes this task simple and easy to understand. The video makes it easy for you to understand the concepts required to perform your own weight and balance analysis on your aircraft and then document the findings for the inspection process. ....P/N 13-04184 .....**\$32.95**



## AIRCRAFT STRUCTURAL TUBING

3 DVD Set Includes: -4130 Chromemoly Airframe Construction (2 DVD set) -Repairing Structural Tubing. The 4130 DVD: Three EAA Technical Counselors (over 60 years' total experience) show you the procedures necessary to construct a complete airframe from plans. ....P/N 13-13051 .....**\$143.75**



## REPAIRING STRUCTURAL TUBING

This class teaches measuring, geometry, straightening, cutting fishmouths, fitting, splicing, and welding to repair some fuselage damage. A fine companion to our full-length 2-DVD series, 4130 Chromemoly Airframe Construction. ....P/N 13-13044 .....**\$78.75**



## RV-12 EMPENNAGE TAILCONE

This double disk DVD is the first in a series of videos being developed to cover the entire build process for the Van's RV-12 aircraft kit. It covers the complete empennage/tailcone kit as supplied by Van's Aircraft. It is a great starting place to begin your project – there are no prerequisite assemblies that need to be completed before starting. All in the exact sequence of building as specified by the construction manual. Approximately 2.5 hours in length and is divided into various video chapters to make navigation and review of desired sections fast and easy. They are completing production on the subsequent volumes of the RV-12 build (that are also sequenced to the sub-kits as provided by Van's Aircraft). ....P/N 13-09590 .....**\$48.85**



## SCRATCH BUILDING BASICS FOR METAL AIRCRAFT

An excellent way to determine if building a homebuilt aircraft from scratch is right for you... you will obtain a full understanding of the trials, tribulations, joys and successes that this type of building process entails. You can't watch these guys at work and not learn something that might change the way you think about the process and people that build their own planes from scratch! Approximately 3.5 hours in length and is divided into 10 video chapters to make navigation and review of desired sections fast and easy. The DVD set includes web links to plans for building your own sheet metal brake and other tools used in this video (you can print the plans on your own printer).....P/N 13-04185 .....**\$38.95**



## RV RUDDER WORKSHOP

This instructional video has 2 major sections: The first section contains an overview and demonstration of the tools and techniques that are required for building an RV aircraft. These specialized building techniques center around riveting with solid rivets - essential for the RV aircraft. Many specialized tools are required for this type of construction and are discussed and demonstrated. Techniques that are shown include: dimpling, countersinking, deburring, drilling, back riveting and pop riveting. A full discussion of the types of rivets that are used along with their important characteristics is included in this first section of the video. The tools for measuring proper rivet setting (rivet gauges) are shown and demonstrated. Some of the tools that are featured include: hand squeezer, pneumatic rivet gun, flush and universal rivet sets, dimple dies, back rivet sets, scotch-brite polishing wheel and deburring tools.....P/N 13-04791 .....**\$31.50**



## EAA HINTS FOR HOMEBUILDERS - SHEET METAL - VOLUME 2

Since inception in 2008 EAA's instructional how-to video series has been viewed online several million times. Incorporating some of the more popular segments, first time aircraft builders, or multi-project builders will find useful hints, tips, and techniques on this DVD. Approximate Run Time: 93 minutes .....P/N 13-21975 .....**\$15.50**



## GAS WELDING - CHROMOLY

EAA – the authority on home built aircraft – presents the definitive how-to introduction to gas (oxyacetylene) welding. For the home builder working with chromoly tubing, gas welding provides an effective, reliable, and affordable way to weld. Whether you're a first-time builder or a multi-project veteran, this is the video for you. Earl Luce, an EAA SportAir Workshops gas welding instructor, is an expert on gas welding. He has welded more than 20 fuselages and is the man behind the Wittman Buttercup plans. Earl brings his wealth of experience in building aircraft with gas welding to you in this comprehensive, one-hour video. ....P/N 13-21972 .....**\$35.55**



## SKYWARD TECH AIRCRAFT ENGINE REBUILDING

De-mystify the overhaul procedures on selected Continental & Lycoming engines. Videos begin with a dismantled engine, show the crankshaft being mounted on a stand and then proceed through complete assembly. These videos effectively present the step-by-step procedures of re-assembly.

| Description         | DVD Part No. | Price          |
|---------------------|--------------|----------------|
| Cont. 0-200 Rebuild | 13-03208     | <b>\$29.95</b> |
| Lyc. 0-320 Rebuild  | 13-04465     | <b>\$29.95</b> |
| Lyc. 0-360 Rebuild  | 13-03210     | <b>\$29.95</b> |
| Lyc. 10-360 Rebuild | 13-03209     | <b>\$29.95</b> |

BV

# AVIATION DVDS



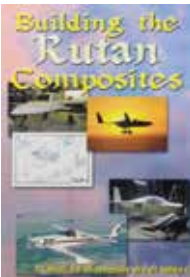
## BOB HOOVER'S EAA SCRAPBOOK

**Includes:**  
 • Bob Hoover TV Profile (from EAA's Sport Aviation) • 2008 "Warbirds in • Review" interview - approximately 1 hour! • EAA's IAC Hall of Fame speech from 2009 • A 7-minute excerpt from Hoover's "Timeless Voices" interview • Bob Hoover TV Profile (from EAA's Ultimate Flights) • More than 90 Minutes of content!  
 P/N 13-21971 ..... **\$9.50**



## TIMELESS VOICES OF AVIATION

Now you can watch Timeless Voices in your own home. This DVD, a compilation of personal histories featured in the EAA AirVenture Museum, includes 23 fascinating interviews with participants of EAA's oral history project—Timeless Voices of Aviation. The production is the perfect blend of historical footage and timeless interviews highlighting stories of the past 100 years of powered flight. Jump into the cockpit with aviators of all backgrounds as they discuss topics ranging from their experiences in WWII, to aerobatics, to aircraft design, to racing, and more.  
 P/N 13-21973 ..... **\$11.99**



## BUILDING THE RUTAN COMPOSITES

This step-by-step instructional program features Burt Rutan and Mike Melvill proceeding through the complete foam-epoxy-fiberglass composite construction procedure as used on the VariEze, Long-EZ, Quickie, Q2, Dragonfly, Sea Hawk, Polliwagen and other composite aircraft. Also included is a formation flight by the Long-EZ, Defiant and VariViggen. A must for all composite aircraft builders. 1hr, 36 mins.  
 DVD ..... P/N 13-04809 ..... **\$26.95**



## EAA SHEET METAL BASICS DVD

This new instructional video will provide you the basics of sheet metal application needed to build any metal kit aircraft. EAA SportAir Workshops instructor Mark Forss will walk you through the terminology, tools, and techniques required to build the aircraft of your dreams. Mark has taught hundreds of EAA members how to successfully build with sheet metal, and now you can learn those same skills at your own pace and in the comfort of your own home.  
 P/N 13-18211 ..... **\$31.75**



## EAA TIG WELDING CHROMOLY DVD

"Mr. TIG™", Wyatt Swaim, is known throughout the world as a leading expert on TIG welding. The author of numerous articles on high technology welding, Wyatt is dedicated to training others to the level of Aerospace TIG Welding. Wyatt conducts advanced training seminars for EAA SportAir Workshops, motorsports teams, and is part of the trackside welding team at the Indianapolis 500. He is a regular TIG Welding instructor at EAA AirVenture Oshkosh. Now Wyatt brings his more than 30 years experience directly to you in this comprehensive approx.  
 P/N 13-18210 ..... **\$31.75**



## FROM THE GROUND UP VOL 1-13

EAA, in conjunction with Discovery Channel International, presents all 13 episodes of the television series From the Ground Up on 3 DVDs. TV's first how - to aviation program. Enter the exciting world of airplane homebuilding and restoration..... P/N 13-07442 ..... **\$59.95**



## FLYING SINGLE PILOT IFR

If you fly single pilot IFR, this video is for you. Explains risks involved and how to minimize them. Explores equipment requirement, organization, getting real time weather, staying ahead of the airplane, copilot selection and situational awareness.  
 (60 min) ..... P/N 13-23850 ..... **\$41.95**



## HOW TO GET A FLIGHT REVIEW

Recommended for anyone preparing for a flight review. Covers the relevant areas of FAR 61.56. and what you need to know for the flight review. Includes the new airspace & weather reporting changes.  
 (50 min) ..... P/N 13-23860 ..... **\$41.95**



## ONE SIX RIGHT

Experience an exhilarating documentary film that celebrates the unsung hero of aviation – the local airport – by tracing the life, history, and struggles of an airport icon: Southern California's Van Nuys Airport. Featuring thrilling aerial photography and a sweeping original score, the film dispels common misconceptions and opposes criticism of General Aviation airports. Through the love story of one airport, past to present, the film shares the timeless romance of flying with all ages. 73 minutes. Plays world wide on any NTSC DVD player.  
 DVD ..... P/N 13-04571 ..... **\$19.95**  
 Blu-Ray ..... P/N 13-19618 ..... **\$31.50**



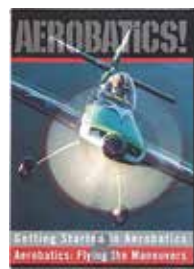
## 4130 CHROMOLY AIRFRAME CONSTRUCTION

This video is highly recommended for anyone considering a steel tube fuselage aircraft. It covers the whole process: Workflow, welding rod selection, jiggling, fitting, and welding. (Note: The discussions and advice are almost exclusively about oxyacetylene welding. TIG, GTAW, is mentioned only in passing.)  
 DVD ..... P/N 13-04375 ..... **\$109.95**



## THE COMPLETE AIRLINE PILOT INTERVIEW COURSE

This DVD from Flightdeck Consulting has been produced and developed by airline pilots for airline pilots. This DVD includes: Eight Virtual Interviews to help you perfect your interview technique. Access to the "Airline Pilot Interview Work Booklet", an essential tool covering all aspects of your interview including psychometric testing, simulator check ride and panel interview. Simulator Assessment Guide. Psychometric Testing Information. Complimentary Email Support from professional airline interview consultants. Make an investment in your future and be "The Standout Candidate" at your interview..... P/N 13-08754 ..... **\$69.00**



## GETTING STARTED IN AEROBATICS

Produced in co - operation with the International Aerobatic Club, Getting Started in Aerobatics is a valuable introduction to the dynamic world of aerobatics. During the course of this program, you'll hear six legendary aerobatics pilots relate their years of experience and address topics that include the benefits of aerobatics, its history and background, training options, selecting the right instructor and equipment, and more. You'll also experience the thrill of an aerobatics flight lesson at the renowned Pompano Air Center.  
 (55 minutes)..... P/N 13-40505 ..... **\$14.99**





# OWNERS MANUALS – PIM

| Part No. | Description                               | Price   | Part No. | Description                                                | Price    | Part No. | Description                              | Price   |
|----------|-------------------------------------------|---------|----------|------------------------------------------------------------|----------|----------|------------------------------------------|---------|
| 14-03117 | C172K Air Force T-41a Flight Handbook     | \$13.95 | 14-00764 | Cessna 172F & Sky-hawk 1965                                | \$15.95  | 14-00455 | Cessna 310D 1960                         | \$22.85 |
| 14-03089 | C180 1953                                 | \$13.95 | 14-00765 | Cessna 172G & Sky-hawk 1966                                | \$15.95  | 14-00454 | Cessna 310F 1961                         | \$21.85 |
| 14-03093 | C180 1957                                 | \$13.95 | 14-00766 | Cessna 172H & Sky-hawk 1967                                | \$22.95  | 14-00453 | Cessna 310G 1962                         | \$21.95 |
| 14-03095 | C180 1959                                 | \$13.95 | 14-00767 | Cessna 172I & Sky-hawk 1968                                | \$15.95  | 14-01372 | Cessna 310H 1963                         | \$21.95 |
| 14-03096 | C180 1960                                 | \$13.95 | 14-00768 | Cessna 172K & Sky-hawk 1969                                | \$22.95  | 14-01373 | Cessna 310J 1964                         | \$31.50 |
| 14-03097 | C180 1963                                 | \$13.95 | 14-00769 | Cessna 172K & Sky-hawk 1970                                | \$15.95  | 14-01374 | Cessna 310K 1965                         | \$21.75 |
| 14-03113 | C180 1963-68 Floatplane Supplement        | \$13.95 | 14-00770 | Cessna 172L & Sky-hawk 1971                                | \$15.95  | 14-01375 | Cessna 310K 1966                         | \$23.85 |
| 14-03098 | C180 1964                                 | \$13.95 | 14-00771 | Cessna 172L & Sky-hawk 1972                                | \$15.95  | 14-01376 | Cessna 310L 1967                         | \$21.85 |
| 14-03099 | C180 1965                                 | \$13.95 | 14-00772 | Cessna 172M & Sky-hawk 1973                                | \$15.95  | 14-01377 | Cessna 310N 1968                         | \$21.65 |
| 14-03101 | C180 1967                                 | \$13.95 | 14-00773 | Cessna 172M & Sky-hawk 1974                                | \$22.95  | 14-01378 | Cessna 310P 1969                         | \$21.95 |
| 14-03102 | C180 1968                                 | \$13.95 | 14-00774 | Cessna 172M & Sky-hawk 1975                                | \$15.95  | 14-01379 | Cessna 310Q 1970-72                      | \$21.85 |
| 14-03103 | C180 1969                                 | \$13.95 | 17-00124 | Cessna 172R 180 Hp Pro Pilot Checklist                     | \$69.00  | 14-01380 | Cessna 310Q 1973                         | \$21.85 |
| 14-03112 | C180 1969-72 Floatplane Supplement        | \$13.95 | 17-00126 | Cessna 172R-im Aus with Nav III Glass Panel ( Green Star ) | \$69.00  | 14-01381 | Cessna 310Q 1974                         | \$21.95 |
| 14-03104 | C180 1970                                 | \$13.95 | 14-00800 | Cessna 175 & Skylark 1959                                  | \$15.95  | 14-01382 | Cessna 310R 1975                         | \$21.70 |
| 14-03105 | C180 1971-72                              | \$13.95 | 14-00684 | Cessna 175 1958                                            | \$22.80  | 14-01400 | Cessna 320 1962                          | \$23.50 |
| 14-03106 | C180 1973                                 | \$13.95 | 14-00801 | Cessna 175A 1960                                           | \$15.95  | 14-01401 | Cessna 320A 1963                         | \$21.85 |
| 14-03107 | C180 1974                                 | \$13.95 | 14-00802 | Cessna 175B 1961                                           | \$15.95  | 14-01402 | Cessna 320B 1964                         | \$21.85 |
| 14-03108 | C180 1975                                 | \$13.95 | 14-00803 | Cessna 175C 1962                                           | \$15.95  | 14-01403 | Cessna 320C 1965                         | \$22.50 |
| 14-03110 | C180D 1961                                | \$13.95 | 14-00804 | Cessna 175C 1962                                           | \$15.95  | 14-01404 | Cessna 320D 1966                         | \$21.85 |
| 14-03109 | C180E 1962                                | \$13.95 | 14-00804 | Cessna 177 & Cardinal 1968                                 | \$15.95  | 14-01405 | Cessna 320E Skynight 1967                | \$30.50 |
| 14-03111 | C180J 1975 Floatplane Supplement          | \$13.95 | 14-00805 | Cessna 177A & Cardinal 1969                                | \$15.85  | 14-01406 | Cessna 320F Skynight 1968                | \$21.95 |
| 14-03076 | C185 Skywagon 1961                        | \$13.95 | 14-00811 | Cessna 177B & Cardinal 1975                                | \$15.95  | 14-01422 | Cessna 337 1965                          | \$21.85 |
| 14-03072 | C185 Skywagon 1961-65 Float Supplement    | \$13.95 | 14-00806 | Cessna 177B 1970                                           | \$25.00  | 14-01421 | Cessna 337A 1966                         | \$31.50 |
| 14-03077 | C185 Skywagon 1964                        | \$13.95 | 14-00807 | Cessna 177B 1971                                           | \$14.95  | 14-01407 | Cessna 337B 1967                         | \$21.85 |
| 14-03078 | C185 Skywagon 1965                        | \$13.95 | 14-00808 | Cessna 177B 1972                                           | \$15.95  | 14-01408 | Cessna 337C 1968                         | \$21.85 |
| 14-03073 | C185 Skywagon 1966 Float Supplement       | \$13.95 | 14-00809 | Cessna 177B 1973                                           | \$15.95  | 14-01409 | Cessna 337D Super Skymaster 1969         | \$21.85 |
| 14-03079 | C185 Skywagon 1966                        | \$13.95 | 14-00810 | Cessna 177B 1974                                           | \$15.95  | 14-01410 | Cessna 337E 1970                         | \$22.00 |
| 14-03080 | C185 Skywagon 1967                        | \$13.95 | 14-00776 | Cessna 182 & Skylane 1957-58                               | \$15.95  | 14-01411 | Cessna 337F 1971                         | \$21.85 |
| 14-03074 | C185 Skywagon 1967-68 Float Supplement    | \$13.95 | 14-00775 | Cessna 182 1956                                            | \$15.95  | 14-01412 | Cessna 337F 1972                         | \$21.85 |
| 14-03081 | C185 Skywagon 1968                        | \$13.95 | 17-00133 | Cessna 182 Tim-bus w/integrated Autopilot                  | \$59.00  | 14-01413 | Cessna 337G 1974                         | \$21.95 |
| 14-03082 | C185 Skywagon 1969                        | \$13.95 | 14-00777 | Cessna 182B Skylane 1959                                   | \$15.95  | 14-01414 | Cessna 337G Skymaster 1973               | \$21.85 |
| 14-03075 | C185 Skywagon 1969-72 Float Supplement    | \$13.95 | 14-00778 | Cessna 182C Skylane 1960                                   | \$15.95  | 14-01415 | Cessna 337G Skymaster 1975               | \$23.50 |
| 14-03083 | C185 Skywagon 1970                        | \$13.95 | 14-00779 | Cessna 182D Skylane 1961                                   | \$15.95  | 14-01442 | Cessna 340 1972                          | \$21.99 |
| 14-03071 | C185 Skywagon Float Supplement            | \$13.95 | 14-00780 | Cessna 182E Skylane 1962                                   | \$15.95  | 14-01443 | Cessna 340 1973                          | \$22.00 |
| 14-03114 | C185A 1962                                | \$13.95 | 14-00781 | Cessna 182F & Skylane 1963                                 | \$15.95  | 14-01444 | Cessna 340 1974                          | \$21.99 |
| 14-03115 | C185B 1963                                | \$13.95 | 14-00782 | Cessna 182G & Skylane 1964                                 | \$15.95  | 14-01445 | Cessna 340 1975                          | \$21.95 |
| 14-00662 | Cessna 120 & 140 1946-1948                | \$22.80 | 14-00783 | Cessna 182H & Skylane 1965                                 | \$22.80  | 14-01454 | Cessna 401 1967-1968                     | \$22.50 |
| 14-00661 | Cessna 140A 1949-51                       | \$15.95 | 14-00784 | Cessna 182J & Skylane 1966                                 | \$22.80  | 14-01455 | Cessna 401A 1969                         | \$21.95 |
| 14-00263 | Cessna 150 1959-60                        | \$22.80 | 14-00785 | Cessna 182K & Skylane 1967                                 | \$22.95  | 14-01456 | Cessna 401B 1970-1972                    | \$24.50 |
| 14-00552 | Cessna 150A 1961                          | \$15.95 | 14-00786 | Cessna 182L & Skylane 1968                                 | \$22.80  | 14-01461 | Cessna 402 1967-1968                     | \$24.50 |
| 14-00264 | Cessna 150B 1962                          | \$15.95 | 14-00787 | Cessna 182M & Skylane 1969                                 | \$15.95  | 14-01462 | Cessna 402A 1969                         | \$24.50 |
| 14-00265 | Cessna 150C 1963                          | \$15.95 | 14-00788 | Cessna 182N & Skylane 1970                                 | \$15.95  | 14-01463 | Cessna 402B 1970-1972                    | \$21.85 |
| 14-00266 | Cessna 150D 1964                          | \$15.95 | 14-00789 | Cessna 182N & Skylane 1971                                 | \$15.95  | 14-01464 | Cessna 402B 1973                         | \$21.85 |
| 14-00267 | Cessna 150E 1965                          | \$15.50 | 14-00790 | Cessna 182P & Skylane 1972                                 | \$15.95  | 14-01465 | Cessna 402B 1974                         | \$21.85 |
| 14-00540 | Cessna 150F 1966                          | \$22.95 | 14-00791 | Cessna 182P & Skylane 1973                                 | \$15.95  | 14-01468 | Cessna 402B Businessliner 1975           | \$21.85 |
| 14-00541 | Cessna 150G 1967                          | \$22.80 | 14-00792 | Cessna 182P & Skylane 1974                                 | \$22.80  | 14-01481 | Cessna 414 1970-72                       | \$21.99 |
| 14-00542 | Cessna 150H 1968                          | \$22.95 | 14-00793 | Cessna 182P & Skylane 1975                                 | \$15.95  | 14-01482 | Cessna 414 1973                          | \$21.85 |
| 14-00543 | Cessna 150J 1969                          | \$15.95 | 17-00130 | Cessna 182S 1997 - 2000 (Purple Star)                      | \$67.00  | 14-01483 | Cessna 414 1974                          | \$21.95 |
| 14-00544 | Cessna 150K 1970                          | \$15.95 | 17-00131 | Cessna 182T 2001 & Up (Yellow Dot)                         | \$59.00  | 14-01484 | Cessna 414 1975                          | \$22.50 |
| 14-00545 | Cessna 150L 1971                          | \$15.95 | 14-01304 | Cessna 188, 188a 1966-67                                   | \$15.99  | 14-01494 | Cessna 421 Golden Eagle, Exec Comm 1968  | \$21.85 |
| 14-00546 | Cessna 150L 1972                          | \$15.95 | 14-01305 | Cessna 188, 188a 1968-69                                   | \$16.50  | 14-01495 | Cessna 421A 1969                         | \$21.85 |
| 14-00547 | Cessna 150L 1973                          | \$15.95 | 14-01306 | Cessna 188A, A188B 1970-71                                 | \$15.99  | 14-01496 | Cessna 421B 1970-1971                    | \$22.00 |
| 14-00548 | Cessna 150L 1974                          | \$15.95 | 14-01307 | Cessna 188B & A188B AG Wagon 1972-73                       | \$15.95  | 14-01497 | Cessna 421B 1974                         | \$21.95 |
| 14-00549 | Cessna 150M 1975                          | \$15.95 | 14-01308 | Cessna 188B & A188B AG Wagon 1974                          | \$15.95  | 14-01498 | Cessna 421B 1975                         | \$22.50 |
| 17-00151 | Cessna 152 Aerobat 1979                   | \$51.00 | 14-01309 | Cessna 188B & A188B AG Wagon 1975                          | \$15.95  | 14-01499 | Cessna 421B Golden Eagle 1972            | \$21.85 |
| 14-00663 | Cessna 170 1948                           | \$15.95 | 14-01323 | Cessna 190, 195, 195A, 195B 1946-1953                      | \$15.95  | 14-01500 | Cessna 421B Golden Eagle 1973            | \$21.95 |
| 14-00664 | Cessna 170A 1949-51                       | \$15.95 | 13-11672 | Cessna 1980 340A Pim                                       | \$101.95 | 14-00004 | Cessna A150K Aerobat 1970                | \$22.80 |
| 14-00665 | Cessna 170B 1952-55                       | \$22.80 | 14-01324 | Cessna 205 1963                                            | \$20.75  | 14-00005 | Cessna A150L Aerobat 1971                | \$15.95 |
| 14-00666 | Cessna 170B 1956                          | \$15.95 | 14-01325 | Cessna 205A 1964                                           | \$20.70  | 14-00655 | Cessna A150L Aerobat 1972                | \$15.95 |
| 14-00668 | Cessna 172 & Sky-hawk 1957-58             | \$15.95 | 14-01326 | Cessna 207 Skywagon 1969                                   | \$20.75  | 14-00656 | Cessna A150L Aerobat 1973                | \$15.99 |
| 14-00669 | Cessna 172 & Sky-hawk 1959                | \$15.95 | 14-01327 | Cessna 207 Skywagon 1970                                   | \$20.70  | 14-00657 | Cessna A150L Aerobat 1974                | \$15.95 |
| 14-00696 | Cessna 172 & Sky-hawk 1963                | \$15.95 | 14-01328 | Cessna 207 Skywagon 1971-73                                | \$20.70  | 14-00658 | Cessna A150M Aerobat 1975                | \$15.95 |
| 14-00667 | Cessna 172 1956                           | \$22.95 | 14-01329 | Cessna 207 Skywagon 1974                                   | \$19.95  | 14-03084 | Cessna A185E Skywagon 1970-72            | \$13.50 |
| 17-00167 | Cessna 172 RG 1985                        | \$80.00 | 14-01330 | Cessna 207 Skywagon 1975                                   | \$20.70  | 14-03086 | Cessna A185F 1973 Skywagon               | \$13.95 |
| 17-00129 | Cessna 172 Sim-bus W/integrated Autopilot | \$69.00 | 14-00458 | Cessna 310 1955-1956                                       | \$21.95  | 14-03087 | Cessna A185F 1974 Skywagon               | \$13.50 |
| 14-00694 | Cessna 172B & Sky-hawk 1961               | \$15.95 | 14-03358 | Cessna T210N 1979                                          | \$85.00  | 14-03088 | Cessna A185F 1975 Skywagon               | \$13.95 |
| 14-00695 | Cessna 172C & Sky-hawk 1962               | \$15.95 | 14-00457 | Cessna 310B 1957-58                                        | \$21.95  | 14-03085 | Cessna A185F Skywagon                    | \$13.95 |
| 14-00763 | Cessna 172E & Sky-hawk 1964               | \$15.95 | 14-00456 | Cessna 310C 1959                                           | \$31.50  | 14-03118 | Cessna FR172J Reims Rocket Flight Manual | \$13.95 |

BV

# OWNERS MANUALS – PIM

| Part No. | Description                                     | Price    | Part No. | Description                                               | Price   | Part No. | Description                                                        | Price   |
|----------|-------------------------------------------------|----------|----------|-----------------------------------------------------------|---------|----------|--------------------------------------------------------------------|---------|
| 14-01423 | Cessna P337G 1974                               | \$21.85  | 14-01189 | Piper PA28-140 Cherokee Cruiser 1974-76 Pilot             | \$22.95 | 14-01239 | Piper PA32-260 Cherokee Six B 1968-69                              | \$15.95 |
| 14-01424 | Cessna P337G 1975                               | \$21.85  | 14-01190 | Piper PA28-140 Cherokee Cruiser 1977 Pilot's              | \$21.50 | 14-01241 | Piper PA32-260 D 1971                                              | \$15.95 |
| 14-01425 | Cessna P337G Skymaster 1973                     | \$21.85  | 14-01191 | Piper PA28-140b 1968-1969 Owner's Handbook                | \$15.95 | 14-01244 | Piper PA32-300 1966-68                                             | \$15.95 |
| 14-03116 | Cessna R172E Army T-41b Flight Handbook         | \$13.95  | 14-01194 | Piper PA28-140c 1970                                      | \$15.95 | 14-01242 | Piper PA32-300 Cherokee Six 1973                                   | \$15.95 |
| 17-00155 | Cessna T210N 1979 Pim                           | \$550.00 | 14-01192 | Piper PA28-140d Cherokee 1971                             | \$15.95 | 14-01243 | Piper PA32-300 Cherokee Six 300 1974-76 Pilot's Manual             | \$22.95 |
| 14-01435 | Cessna T337B Turbo Super Skymaster 1967         | \$21.85  | 14-01193 | Piper PA28-140e Cherokee 1972                             | \$15.95 | 14-01245 | Piper PA32-300 Cherokee Six 300 1977-79 Pilot's Manual             | \$22.95 |
| 14-01436 | Cessna T337C Turbo Super Skymaster 1968         | \$21.85  | 14-01205 | Piper PA28-150,160,180b Thru 1964                         | \$15.95 | 14-01246 | Piper PA32-300B 1969                                               | \$22.80 |
| 14-01434 | Cessna T337D Turbo Super Skymaster 1969         | \$21.85  | 14-01204 | Piper PA28-150,160,180c 1965-67                           | \$15.95 | 14-01247 | Piper PA32-300C Cherokee Six 1970                                  | \$15.99 |
| 14-01437 | Cessna T337E Turbo Super Skymaster 1970         | \$21.85  | 14-00901 | Piper PA28-151 Cherokee Warrior 1974-76 Pilot's Manual    | \$23.95 | 14-01248 | Piper PA32-300D Cherokee Six 1971                                  | \$15.99 |
| 14-01438 | Cessna T337F 1971                               | \$21.85  | 14-01163 | Piper PA28-151 Cherokee Warrior 1977 Pilot's              | \$22.50 | 14-01249 | Piper PA32-300E Cherokee Six 1972                                  | \$15.95 |
| 14-01431 | Cessna T337G Pressurized Skymaster 1974         | \$21.85  | 14-01168 | Piper PA28-161 Cadet Pilot's                              | \$22.95 | 14-01250 | Piper PA32-301 Saratoga 1980 & Up Pilot's                          | \$22.95 |
| 17-00178 | Cessna Turbo 182T Im Bus w/integrated Autopilot | \$57.00  | 14-01169 | Piper PA28-161 Cadet Pilot's                              | \$22.95 | 14-01252 | Piper PA32-301 Saratoga, Turbo 1980 & up Pilot's Information Manua | \$22.99 |
| 14-01340 | Cessna Turbo 207 Skywagon 1969                  | \$20.75  | 14-01167 | Piper PA28-161 Warrior II 1977-82 Pilot's                 | \$32.85 | 14-01264 | Piper PA32-301ft Piper 6x Pilot's                                  | \$77.75 |
| 14-01341 | Cessna Turbo 207 Skywagon 1970                  | \$20.70  | 14-01164 | Piper PA28-161 Warrior II 1983-94 Pilot's                 | \$32.85 | 14-01253 | Piper PA32R-300 Cherokee Lance 1976 Pilot's                        | \$23.95 |
| 14-01342 | Cessna Turbo 207 Skywagon 1971-73               | \$20.70  | 14-01165 | Piper PA28-161 Warrior III 1994-1995 Pilot's              | \$79.75 | 14-01254 | Piper PA32R-300 Cherokee Lance 1977-78 Pilot's Manual              | \$22.95 |
| 14-01343 | Cessna Turbo 207 Skywagon 1974                  | \$20.70  | 14-01166 | Piper PA28-161 Warrior III 1995 & Up Pilot's              | \$77.80 | 14-01258 | Piper PA32R-301 Saratoga II 1995 & Up Pilot's                      | \$77.75 |
| 14-01344 | Cessna Turbo 207 Skywagon 1975                  | \$20.70  | 14-01211 | Piper PA28-180 Archer 1974-75 Pilot's                     | \$22.95 | 14-01255 | Piper PA32R-301 Saratoga II HP Pilot's                             | \$78.75 |
| 14-01389 | Cessna Turbo 310P 1969                          | \$21.85  | 14-01206 | Piper PA28-180 Cherokee 1973                              | \$15.95 | 14-01257 | Piper PA32R-301 Saratoga II Hp1993-95 Pilot's                      | \$77.75 |
| 14-01390 | Cessna Turbo 310Q 1970-72                       | \$30.95  | 14-01207 | Piper PA28-180D 1967-69                                   | \$15.95 | 14-01256 | Piper PA32R-301 Saratoga SP 1980-93 Pilot's                        | \$22.75 |
| 14-01391 | Cessna Turbo 310Q 1973                          | \$21.85  | 14-01208 | Piper PA28-180E Cherokee 1970                             | \$15.95 | 14-01260 | Piper PA32R-301 Saratoga II HP1993-95 Pilot's                      | \$22.95 |
| 14-01392 | Cessna Turbo 310Q 1974                          | \$21.85  | 14-01209 | Piper PA28-180F 1971                                      | \$15.95 | 14-01259 | Piper PA32R-301t Turbo Saratoga II TC Pilot's                      | \$74.95 |
| 14-01393 | Cessna Turbo 310R 1975                          | \$22.50  | 14-01210 | Piper PA28-180G 1972                                      | \$15.95 | 14-01261 | Piper PA32RT-300 Lance II 1978-79 Pilot's                          | \$22.95 |
| 17-00169 | Diamond Star DA20-C1                            | \$73.85  | 14-01175 | Piper PA28-181 Archer II 1976 Pilot's                     | \$34.95 | 14-01262 | Piper PA32RT-300t Lance II 1978-79 Pilot's                         | \$22.95 |
| 14-02924 | Diamond Star DA40-180                           | \$94.95  | 14-01176 | Piper PA28-181 Archer II 1977-79 Pilot's                  | \$23.95 | 14-02207 | Piper PA34-200 Seneca 1974 Pilot's                                 | \$25.50 |
| 14-02918 | Grumman Amer AA-5/Traveler Owner Manual         | \$13.95  | 14-01177 | Piper PA28-181 Archer II 1980-94 Pilot's                  | \$24.50 | 14-02208 | Piper PA34-200 Seneca Pilot's                                      | \$24.95 |
| 14-02919 | Mooney M20r Pilot Operating Handbook            | \$23.95  | 14-01178 | Piper PA28-181 Archer III 1994-95 Pilot's                 | \$64.75 | 14-02209 | Piper PA34-200 Seneca Pilot's                                      | \$25.95 |
| 14-01301 | Piper J3C-65 Cub 1946                           | \$15.95  | 14-01179 | Piper PA28-181 Archer III Pilot's                         | \$69.75 | 14-02210 | Piper PA34-200T Seneca II 1975-76 Pilot's                          | \$25.85 |
| 14-01220 | Piper PA-14 Piper Family Cruiser                | \$15.95  | 14-01180 | Piper PA28-201t Turbo Dakota 1979-80 Pilot's              | \$22.95 | 14-02211 | Piper PA34-200T Seneca II 1977-81 Pilot's                          | \$25.95 |
| 14-01282 | Piper PA18 Supercub #7409140 & Up 1975          | \$15.95  | 14-01195 | Piper PA28-235 Cherokee 1963-65                           | \$15.95 | 14-02214 | Piper PA34-220T Seneca III 1981 & Up Pilot's                       | \$25.50 |
| 14-01283 | Piper PA18-105 Series Owner's Handbook          | \$15.95  | 14-01196 | Piper PA28-235 Cherokee 1973                              | \$15.95 | 14-02215 | Piper PA34-220T Seneca III 1989-94 Pilot's                         | \$77.75 |
| 14-01284 | Piper PA18-125, PA18A-125                       | \$15.99  | 14-01198 | Piper PA28-235 Pathfinder 1974-76 Pilot's                 | \$22.95 | 14-02216 | Piper PA34-220T Seneca IV 1994-95 Pilot's                          | \$71.99 |
| 14-01281 | Piper PA18-150 (S/n's 1809001 and Up)           | \$15.95  | 14-01197 | Piper PA28-235 Pathfinder 1977 Pilot's Operating Handbook | \$21.95 | 14-02212 | Piper PA34-220T Seneca IV 1995 & up Pilot's                        | \$71.99 |
| 14-01280 | Piper PA18-150 (S/n's 7409140 Thru 8309025)     | \$15.95  | 14-01199 | Piper PA28-235B Cherokee 1966-67                          | \$15.95 | 14-01230 | Piper PA-36-285 Pawnee Brave Pilot's                               | \$22.95 |
| 14-01285 | Piper PA18-150 Super Cub                        | \$15.95  | 14-01200 | Piper PA28-235C 1968-69                                   | \$15.95 | 14-01231 | Piper PA-36-300 Pawnee Brave 300 Pilot's                           | \$22.95 |
| 14-01286 | Piper PA18-95, 135, PA18a-135 Supercub          | \$15.99  | 14-01201 | Piper PA28-235D 1970                                      | \$15.95 | 14-01232 | Piper PA-36-375 Brave 375 1979 & Up Pilot's                        | \$22.95 |
| 14-01276 | Piper PA18-95, PA18-135, PA18A-135              | \$15.95  | 14-01202 | Piper PA28-235E 1971                                      | \$15.95 | 14-01219 | Piper PA38-112 Tomahawk 1978 & Up Pilot's                          | \$22.95 |
| 14-01279 | Piper PA18-95, PA18-150 (1961-1974)             | \$19.75  | 14-01203 | Piper PA28-235F 1972                                      | \$15.95 | 17-00137 | Piper PA-44-180 Piper Seminole (1979-1982)                         | \$25.95 |
| 14-01277 | Piper PA18-95, PA18-150, PA18a-150 (1955-1958)  | \$15.95  | 14-01185 | Piper PA28-236 Dakota 1979-95 Pilot's                     | \$24.50 | 17-00138 | Piper PA-44T-180 Turbo Seminole (1980-up)                          | \$25.65 |
| 14-01278 | Piper PA18-95, PA18-150, PA18a-150 (1959)       | \$15.95  | 14-01213 | Piper PA28R-180 1967-69                                   | \$15.95 | 14-01265 | Piper PA46-310P 1984-1986 Malibu Pilot's                           | \$45.50 |
| 14-01287 | Piper PA18-95, PA18-150, PA18A-150              | \$15.99  | 14-01212 | Piper PA28R-180 1970                                      | \$15.95 | 14-01266 | Piper PA46-310P Malibu 1986-1988 Pilot's                           | \$29.00 |
| 14-01288 | Piper PA18-95,-150, PA18a-150 Supercub          | \$15.95  | 14-01214 | Piper PA28R-180b Cherokee Arrow 1971                      | \$15.95 | 14-01269 | Piper PA46-350P 1995 Malibu Mirage Pilot's                         | \$71.99 |
| 14-01292 | Piper PA20-115, PA20-125                        | \$19.95  | 14-01215 | Piper PA28R-200 Arrow 1969                                | \$15.95 | 14-01268 | Piper PA46-350P 1996-1997 Malibu Mirage Pilot's Info Manual        | \$71.99 |
| 14-01296 | Piper PA20-135                                  | \$15.95  | 14-01216 | Piper PA28R-200 Arrow 1970                                | \$15.95 | 14-01267 | Piper PA46-350P 1998-1999 Malibu Mirage Pilot's Info Manual        | \$71.99 |
| 14-01291 | Piper PA20-135 Pacer PA22-135 Tri-pacer         | \$15.95  | 14-01217 | Piper PA28R-200 Arrow II 1972-73 Pilot's                  | \$23.50 | 14-01271 | Piper PA46-350P Malibu Mirage 1989-95 Pilot's                      | \$32.95 |
| 14-01293 | Piper PA22-108 1961-1964                        | \$15.95  | 14-01186 | Piper PA28R-200 Cherokee Arrow 1974-76 Pilot              | \$24.95 | 14-01270 | Piper PA46-350P Malibu Mirage 1999-2005 Pilot's Info Manual        | \$71.99 |
| 14-01294 | Piper PA22-108 1962                             | \$15.95  | 14-01218 | Piper PA28R-200b Arrow 1971                               | \$17.50 | 14-01274 | Piper PA46-350P Malibu Mirage 2006 & On Pilot's Info Manual        | \$77.75 |
| 14-01295 | Piper PA22-125, PA22-135                        | \$15.95  | 14-01172 | Piper PA28R-201 Arrow 1988-1994 Pilot's                   | \$24.50 | 14-01273 | Piper PA46-500TP 2004-2005 Meridian Pilot's                        | \$77.75 |
| 14-01290 | Piper PA22-150, PA22-160                        | \$22.80  | 14-01170 | Piper PA28R-201 Arrow 1995 & Up Pilot's                   | \$63.75 | 14-01275 | Piper PA46-500TP 2006 & Up Meridian Pilot's                        | \$77.75 |
| 14-01222 | Piper PA24-180, 250 Comanche 1958               | \$15.95  | 14-01171 | Piper PA28R-201 Arrow III 1977-78 Pilot's                 | \$22.95 | 14-01272 | Piper PA46-500TP Meridian 2000-2003 Pilot's                        | \$70.75 |
| 14-01224 | Piper PA24-180, 250 Comanche 1959-60            | \$15.95  | 14-01174 | Piper PA28R-201T Turbo Arrow III 1977-78 Pilot's Manual   | \$22.95 |          |                                                                    |         |
| 14-01223 | Piper PA24-180, 250 Comanche 1961               | \$15.95  | 14-01173 | Piper PA28R-201T Turbo Arrow Pilot's                      | \$24.50 |          |                                                                    |         |
| 14-01221 | Piper PA24-180, 250 Comanche 1962-64            | \$15.95  | 14-01182 | Piper PA28RT-201 Arrow Iv 1979 Pilot's                    | \$22.95 |          |                                                                    |         |
| 14-01225 | Piper PA24-260 1965 Owner's Handbook            | \$15.95  | 14-01183 | Piper PA28RT-201 Arrow IV 1980 & Up Pilot's               | \$22.95 |          |                                                                    |         |
| 14-01226 | Piper PA24-260 1970-1972 Turbo Owner's Handbook | \$15.95  | 14-01181 | Piper PA28RT-201T Turbo Arrow IV 1979 & Up Pilot Manual   | \$22.95 |          |                                                                    |         |
| 14-01227 | Piper PA24-260 B Comanche 1966-69               | \$15.95  | 17-00136 | Piper PA-31-350 Chieftain (77-79)                         | \$33.85 |          |                                                                    |         |
| 14-01228 | Piper PA24-260 Comanche C 1969-72               | \$15.95  | 14-01234 | Piper PA32-260 1965-68                                    | \$15.95 |          |                                                                    |         |
| 14-01229 | Piper PA24-400 1964-1965                        | \$15.95  | 14-01235 | Piper PA32-260 1972                                       | \$15.95 |          |                                                                    |         |
| 14-01297 | Piper PA25-150, 235 Pawnee Thru 1964            | \$15.95  | 14-01236 | Piper PA32-260 1973                                       | \$15.95 |          |                                                                    |         |
| 14-01298 | Piper PA25-235, PA25-260c 1967-72               | \$15.95  | 14-01240 | Piper PA32-260 C 1970                                     | \$15.95 |          |                                                                    |         |
| 14-01299 | Piper PA25-235, PA25-260d 1973 & Up             | \$13.95  | 14-01237 | Piper PA32-260 Cherokee Six 260 1974-76 Pilot's Manual    | \$21.95 |          |                                                                    |         |
| 14-01300 | Piper PA25-235b Pawnee 1965-66                  | \$15.95  | 14-01238 | Piper PA32-260 Cherokee Six 260 1977-78 Pilot's Manual    | \$22.95 |          |                                                                    |         |
| 14-01187 | Piper PA28-140 Cherokee 1964-68                 | \$15.95  |          |                                                           |         |          |                                                                    |         |
| 14-01188 | Piper PA28-140 Cherokee Cruiser 1973            | \$15.95  |          |                                                           |         |          |                                                                    |         |



# OWNERS MANUALS – PIM

## PILOT OPERATING HANDBOOKS (POH)

| Part No. | Description                                             | Price    |
|----------|---------------------------------------------------------|----------|
| 14-02654 | POH Cessna 185A-D 1961-1965                             | \$15.80  |
| 17-00141 | POH Beech Duchess 76                                    | \$34.95  |
| 14-03355 | POH Cessna 152 1979                                     | \$525.00 |
| 14-03359 | POH Cessna 152 1980                                     | \$525.00 |
| 14-03364 | POH Cessna 152 1981                                     | \$525.00 |
| 14-03370 | POH Cessna 152 1982                                     | \$525.00 |
| 14-03386 | POH Cessna 152 1985                                     | \$525.00 |
| 14-03431 | POH Cessna 172RG 1985                                   | \$525.00 |
| 14-03375 | POH Cessna 172P 1983                                    | \$525.00 |
| 14-03387 | POH Cessna 172P 1985                                    | \$525.00 |
| 14-03388 | POH Cessna 172P 1986                                    | \$525.00 |
| 14-03380 | POH Cessna 172Q 1983                                    | \$525.00 |
| 14-03381 | POH Cessna 172P 1984                                    | \$525.00 |
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BV

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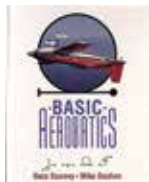
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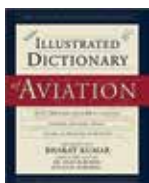
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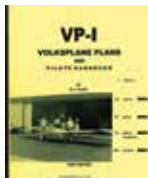
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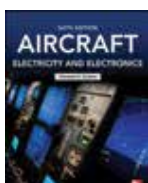
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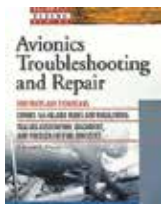
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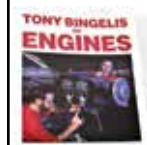
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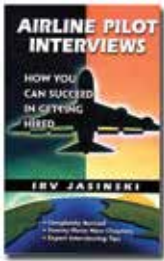


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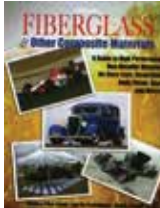
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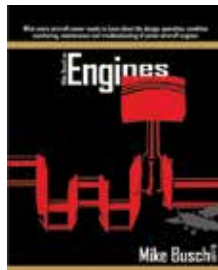
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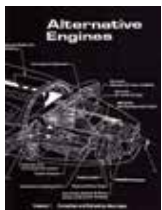
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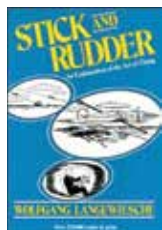
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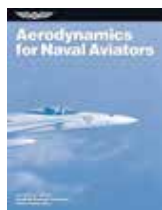
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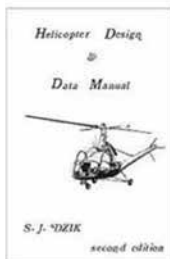
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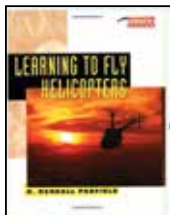
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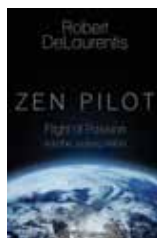
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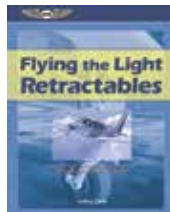
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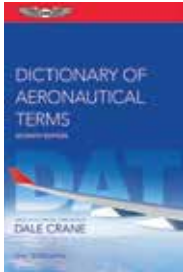
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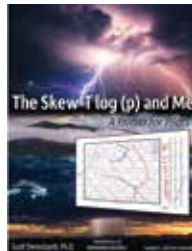
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A thermodynamic chart such as the Skew-T log (p) diagram is clearly the best kept secret in aviation. This primer is the most comprehensive resource available for general aviation pilots that want to leverage its use as supplemental weather guidance for preflight route planning. Specifically, the Skew-T log (p) diagram allows you to "drill down" over a particular location to identify or describe adverse weather better in time and space than any other single chart or diagram assuming you know how to unlock its plentiful secrets. Written by aviation weather expert and FAA-certificated instrument flight instructor, Dr. Scott Dennstaedt, this primer is 300 pages in length and contains over 200 hundred charts, diagrams, and photographs to help you quickly understand this complex subject ..... P/N 13-24410 ..... **\$59.95**



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now had enough data and pictures to share with the aviation community so that everyone could potentially accomplish a high-quality pre-buy inspection without his involvement. With close to twenty thousand amateur-built aircraft on the US National Aircraft Registry, the number of aircraft changing hands is rapidly increasing on a weekly basis. Those that have already purchased or have built an amateur-built aircraft will find this book extremely informative and useful when it comes to identifying any potential maintenance or construction issues. It is spiral bound, on 80 lb paper, 109 pages, with over 280 color pictures ..... P/N 13-23349 ..... **\$129.95**



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P/N 13-02367 .....\$18.95



## ASA AVIATION WEATHER

All pilots must learn to deal with weather: to appreciate good weather, to recognize and respect marginal or hazardous weather, and to avoid violent weather. Recognition of this and sound weather decisions are critical to the successful outcome of all flights. This book discusses each aspect of weather as it relates to aircraft operation and flight safety. Subjects covered include the earth's atmosphere, temperatures, atmospheric pressure and altimetry, wind, moisture, precipitation, clouds, air masses and fronts, turbulence, icing, thunderstorms, common IFR producers, high altitude weather, arctic

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Softcover Book.....P/N 13-01062 .....\$13.95  
eBundle .....P/N 13-21252 .....\$17.50



## FLYING COLORADO MOUNTAIN WEATHER

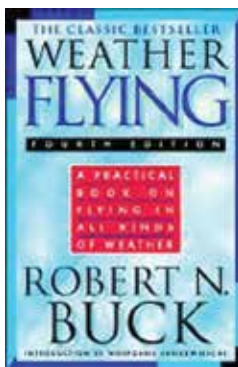
This seminal book highlights reading clouds and flying mountain weather. It's a stick and rudder text, including full color photographs printed to art-quality standards. The material explains airplane crashes in all sorts of downdrafts, from lee-side downdrafts in the mountain wave, to windward side flows across the Continental Divide. Microscale weather is a problem not identified at all in general aviation mountain flying, but this book exposes the hazards. The book also contains chapters on flying turbulence, and risk (with examples from mountaineering, as well as paragraphs from famous pilots).  
P/N 13-21638 .....\$24.95



## PILOT WEATHER: FROM SOLO TO THE AIRLINES

Welcome to the first edition of Pilot Weather: From Solo to the Airlines. It includes 394 pages, over 400 diagrams and pictures, plus a 550-entry glossary. This book consists of 33 chapters on the A to Z of aviation weather. Not only does it dwell on the theory of meteorology, but includes numerous chapters explaining the details of how to critically decipher many important aviation weather reports and forecasts.

Pilot Weather caters to all pilots...from your first solo to flying for the airlines. Whether you are looking to have a career in aviation or just to poke holes in the sky as a private pilot, this book will not only help you pass those exams, but, more importantly, teach you how to minimize your exposure to adverse weather. The book is printed in full color and many "tidbits of helpful weather goodies you won't find presented in any other aviation book or flight training programs," the authors promise.....P/N 13-22314 .....\$49.00



## WEATHER FLYING

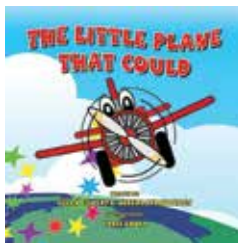
Weather Flying is regarded in the industry as the bible of weather flying. Robert Buck, a general aviation and commercial pilot with tens of thousands of hours of flight time, explains weather in a nontechnical way, giving pilots useful understanding of weather and practical knowledge of how to judge it and fly it. Covers weather flying psychology, en route weather changes, radar and how to use it, taking off in bad weather, and much more. Winner of the Flight Safety Foundation's Publication Award; recommended by the FAA.

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This illustrated children's book is for all the little boys and girls that love airplanes. You'll encounter Dash who wants to learn to fly and his fellow airplane friends who inspire and share their experiences. Bits of facts about airplanes have been woven into the book, providing little future aviators with a story that lets their love of flight come to life. If your child loves "Super Wings" they are sure to love The Little Plane That Could!  
P/N 13-23418 .....\$14.95

BV



# U.S. AND METRIC SYSTEM EQUIVALENTS

## LENGTH EQUIVALENTS

| Unit          | Millimeters | Centimeters | Inches | Feet    | Yards   | Meters  |
|---------------|-------------|-------------|--------|---------|---------|---------|
| 1 Millimeter= | 1           | .1          | .03937 | .003281 | .001094 | .001    |
| 1 Centimeter= | 10          | 1           | .3937  | .032808 | .010936 | .01     |
| 1 Inch=       | 25.4001     | 2.54001     | 1      | .083333 | .027778 | .025400 |
| 1 Foot=       | 304.801     | 30.4801     | 12     | 1       | .333333 | .304801 |
| 1 Yard=       | 914.402     | 91.4402     | 36     | 3       | 1       | .914402 |
| 1 Meter=      | 1000        | 100         | 39.37  | 3.28083 | 1.09361 | 1       |

| Unit              | Feet | Yards | Meters  | Rods | Furlongs    | Miles (Statute) |
|-------------------|------|-------|---------|------|-------------|-----------------|
| 1 Rod=            | 16.5 | 5.5   | 5.02921 | 1    | .025 (1/40) | .003125 (1/320) |
| 1 Furlong=        | 660  | 220   | 201.168 | 40   | 1           | .125 (1/8)      |
| 1 Mile (Statute)= | 5280 | 1760  | 1609.35 | 320  | 8           | 1               |

1 Nautical Mile = 6080.2 feet = 1.15155 statute miles = 1/3 league.  
1 Light Year = 5.879 trillion miles = 9.46 trillion kilometers.

## WEIGHT EQUIVALENTS

| Unit              | Grains  | Grams   | Ounces (Troy) | Ounces (Avoir.) | Pounds (Troy) | Pounds (Avoir.) | Kilo-grams |
|-------------------|---------|---------|---------------|-----------------|---------------|-----------------|------------|
| 1 Grain=          | 1       | .064799 | .002083       | .002286         | .000174       | .000143         | .000065    |
| 1 Gram=           | 15.4324 | 1       | .032151       | .035274         | .002679       | .002205         | .001       |
| 1 Ounce (Troy)=   | 480     | 31.1035 | 1             | 1.09714         | .083333       | .068571         | .031104    |
| 1 Ounce (Avoir.)= | 437.5   | 28.3495 | .911458       | 1               | .075955       | .0625           | .028350    |
| 1 Pound (Troy)=   | 5760    | 373.242 | 12            | 13.1657         | 1             | .822857         | .373242    |
| 1 Pound (Avoir.)= | 7000    | 453.592 | 14.5833       | 16              | 1.21528       | 1               | .453592    |
| 1 Kilogram =      | 15432.4 | 1000    | 32.1507       | 35.2740         | 2.67923       | 2.20462         | 1          |

| Unit                | Kilograms | Pounds (Troy) | Pounds (Avoir.) | Metric Tons | Net (Short) | Gross (Long) |
|---------------------|-----------|---------------|-----------------|-------------|-------------|--------------|
| 1 Metric Ton =      | 1000      | 2679.23       | 2204.62         | 1           | 1.10231     | .984206      |
| 1 Net (Short) Ton=  | 907.185   | 2430.56       | 2000            | .907185     | 1           | .892857      |
| 1 Gross (Long) Ton= | 1016.05   | 2722.22       | 2240            | 1.01605     | 1.12        | 1            |

## VOLUME AND CAPACITY EQUIVALENTS

| Unit               | Cubic CM | Cubic In | Liters | Qts (Liq.) | Qts (Dry) | Gals. (Liq.) | Gals. (Dry) | Cubic Feet |
|--------------------|----------|----------|--------|------------|-----------|--------------|-------------|------------|
| 1 Cu. Centimeter=  | 1        | .06102   | .001   | .00106     | .00091    | .00026       | .00023      | .00004     |
| 1 Cu. Inch=        | 16.387   | 1        | .01639 | .01732     | .01488    | .00433       | .00372      | .00058     |
| 1 Gill=            | 118.29   | 7.2188   | .125   | .10742     | .03125    | .02686       | .02686      | .00418     |
| 1 Pint (Liquid)=   | 473.18   | 28.875   | .47318 | .5         | .42968    | .125         | .10742      | .01671     |
| 1 Pint (dry)=      | 550.62   | 33.600   | .55062 | .58182     | .5        | .14546       | .125        | .01945     |
| 1 Liter=           | 1000     | 61.023   | 1      | 1.0567     | .90808    | .26417       | .22702      | .03531     |
| 1 Quart (Liquid)=  | 946.36   | 57.75    | .94636 | 1          | .85937    | .25          | .21484      | .03342     |
| 1 Quart (dry)=     | 1101.2   | 67.201   | 1.1012 | 1.1637     | 1         | .29091       | .25         | .03889     |
| 1 Gallon (Liquid)= | 3785.4   | 231      | 3.7854 | 4          | 3.4375    | 1            | .85937      | .13368     |
| 1 Gallon (dry)=    | 4404.9   | 268.80   | 4.4049 | 4.6546     | 4         | 1.1636       | 1           | .15556     |
| 1 Pack=            | 8809.8   | 537.61   | 8.8098 | 9.3092     | 8         | 2.3273       | 2           | .31111     |
| 1 Cu. Foot=        | 28317.0  | 1728     | 28.317 | 29.922     | 25.714    | 7.4805       | 6.4285      | 1          |
| 1 Bushel=          | 35239.3  | 2150.4   | 35.239 | 37.237     | 32        | 9.3092       | 8           | 1.2445     |
| 1 Barrel=          | 119241.2 | 7276.5   | 119.24 | 126        | 108.28    | 31.5         | 27.070      | 4.2109     |
| 1 Cu. Yard=        | 764559.4 | 46656    | 764.56 | 807.90     | 694.28    | 201.97       | 173.57      | 27         |
| 1 Cu. Meter=       | 1000000  | 61023.4  | 1000   | 1056.7     | 908.08    | 264.17       | 227.02      | 35.314     |

## AREA EQUIVALENTS

| Unit                       | Square Inches | Square Feet | Square Yards | Square Meters |
|----------------------------|---------------|-------------|--------------|---------------|
| 1 Square Foot=             | 144           | 1           | .1111        | .09290        |
| 1 Square Yard=             | 1296          | 9           | 1            | .83613        |
| 1 Square Meter =           | 1550          | 10.7639     | 1.19599      | 1             |
| 1 Square Rod=              | 39204         | 272.25      | 30.25        | 25.293        |
| 1 Are=                     | 155000        | 1076.39     | 119.599      | 100           |
| 1 Acre=                    | 6272640       | 43560       | 4840         | 4046.86       |
| 1 Square Mile (640 Acres)= | -             | 27878400    | 3097600      | 2589999       |
| 1 Square Kilometer=        | -             | 10763867    | 1195985      | 1000000       |

## MISCELLANEOUS LIQUID MEASURE CONVERSIONS

|                           |                         |
|---------------------------|-------------------------|
| 1 Fl. Oz. = 1.805 Cu. In. | 1 Quart = 946 Cu. Cm.   |
| 1 Fl. Oz. = 29.6 Cu. Cm.  | 1 Gallon = 8 Pints      |
| 1 Pint = 16 Fl. Oz.       | 1 Gallon = 4 Quarts     |
| 1 Quart = 32 Fl. Oz.      | 1 Firkin = 9 Gallons    |
| 1 Quart = 2 Pints         | 1 Hogshead = 63 Gallons |

## METRIC SYSTEM

### LENGTH

|                   |   |                                                                                                                                             |
|-------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Meter (m)       | = | $\left\{ \begin{array}{l} 10 \text{ decimeters (dm)} \\ 100 \text{ centimeters (cm)} \\ 1,000 \text{ millimeters (mm)} \end{array} \right.$ |
| 1 dekameter (dkm) | = | 10 meters (m)                                                                                                                               |
| 1 hectometer (hm) | = | 100 meters (m)                                                                                                                              |
| 1 kilometer (km)  | = | 1,000 meters (m)                                                                                                                            |

### WEIGHT

|            |   |                                                                                                                                          |
|------------|---|------------------------------------------------------------------------------------------------------------------------------------------|
| 1 gram (g) | = | $\left\{ \begin{array}{l} 10 \text{ decigrams (dg)} \\ 100 \text{ centigrams (cg)} \\ 1,000 \text{ milligrams (mg)} \end{array} \right.$ |
|------------|---|------------------------------------------------------------------------------------------------------------------------------------------|

|                  |   |                 |
|------------------|---|-----------------|
| 1 dekagram (dkg) | = | 10 grams (g)    |
| 1 hectogram (hg) | = | 100 grams (g)   |
| 1 kilogram (kg)  | = | 1,000 grams (g) |

|              |   |                                                                                                            |
|--------------|---|------------------------------------------------------------------------------------------------------------|
| 1 metric ton | = | $\left\{ \begin{array}{l} 1,000 \text{ kilograms (kg)} \\ 1,000,000 \text{ grams (g)} \end{array} \right.$ |
|--------------|---|------------------------------------------------------------------------------------------------------------|

### VOLUME & CAPACITY

|             |   |                                                                                                                                                                                                                                               |
|-------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 liter (l) | = | $\left\{ \begin{array}{l} 1 \text{ cubic decimeter (dm}^3\text{)} \\ 10 \text{ deciliters (dl)} \\ 100 \text{ centiliters (cl)} \\ 1,000 \text{ milliliters (ml)} \\ 1,000 \text{ cubic centimeters (cm}^3\text{ or cc)} \end{array} \right.$ |
|-------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |   |                |
|-------------------|---|----------------|
| 1 dekaliter (dkl) | = | 10 liters (l)  |
| 1 hectoliter (hl) | = | 100 liters (l) |

|                  |   |                                                                                                                                      |
|------------------|---|--------------------------------------------------------------------------------------------------------------------------------------|
| 1 kiloliter (kl) | = | $\left\{ \begin{array}{l} 1 \text{ cubic meter (m}^3\text{)} \\ 1 \text{ stere (s)} \\ 1,000 \text{ liters (l)} \end{array} \right.$ |
|------------------|---|--------------------------------------------------------------------------------------------------------------------------------------|

### AREA

|                |   |                                                                                                                                                                                                                                            |
|----------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 centare (ca) | = | $\left\{ \begin{array}{l} 1 \text{ square meter (m}^2\text{)} \\ 100 \text{ square decimeters (dm}^2\text{)} \\ 10,000 \text{ square centimeters (cm}^2\text{)} \\ 1,000,000 \text{ square millimeters (mm}^2\text{)} \end{array} \right.$ |
|----------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|           |   |                                                                                                                                    |
|-----------|---|------------------------------------------------------------------------------------------------------------------------------------|
| 1 are (a) | = | $\left\{ \begin{array}{l} 1 \text{ square dekameter (dkm}^2\text{)} \\ 100 \text{ square meters (m}^2\text{)} \end{array} \right.$ |
|-----------|---|------------------------------------------------------------------------------------------------------------------------------------|

|                |   |                                                                                                                  |
|----------------|---|------------------------------------------------------------------------------------------------------------------|
| 1 hectare (ha) | = | $\left\{ \begin{array}{l} 100 \text{ ares (a)} \\ 10,000 \text{ square meters (m}^2\text{)} \end{array} \right.$ |
|----------------|---|------------------------------------------------------------------------------------------------------------------|

|                                       |   |                                           |
|---------------------------------------|---|-------------------------------------------|
| 1 square kilometer (km <sup>2</sup> ) | = | 1,000,000 square meters (m <sup>2</sup> ) |
|---------------------------------------|---|-------------------------------------------|

Other prefixes occasionally used:

- micro—one millionth • myria—10,000 times
- deca—10 times (same as deka) • mega—1,000,000 times

## AN/MS O-RING EQUIVALENTS

The AN6227B, AN6230B and MS28775 O-Rings have the same composition. For use in aircraft hydraulic systems using MIL-H-5606 petroleum base hydraulic fluid.

AN6227B/MS28775 Equivalents AN6230B/MS28775 Equivalents

| AN6227B Dash No. | MS28775 Dash No. | Nominal Size |        |         | AN6230B Dash No. | MS28775 Dash No. | Nominal Size |       |       |
|------------------|------------------|--------------|--------|---------|------------------|------------------|--------------|-------|-------|
|                  |                  | Width        | I.D.   | O.D.    |                  |                  | Width        | I.D.  | O.D.  |
| 1                | 6                | 1/16         | 1/8    | 1/4     | 1                | 223              | 1/8          | 1-5/8 | 1-7/8 |
| 2                | 7                | 1/16         | 5/32   | 9/32    | 2                | 224              | 1/8          | 1-3/4 | 2     |
| 3                | 8                | 1/16         | 3/16   | 5/16    | 3                | 225              | 1/8          | 1-7/8 | 2-1/8 |
| 4                | 9                | 1/16         | 7/32   | 11/32   | 4                | 226              | 1/8          | 2     | 2-1/4 |
| 5                | 10               | 1/16         | 1/4    | 3/8     | 5                | 227              | 1/8          | 2-1/8 | 2-3/8 |
| 6                | 11               | 1/16         | 5/16   | 7/16    | 6                | 228              | 1/8          | 2-1/4 | 2-1/2 |
| 7                | 12               | 1/16         | 3/8    | 1/2     | 7                | 229              | 1/8          | 2-3/8 | 2-5/8 |
| 8                | 110              | 3/32         | 3/8    | 9/16    | 8                | 230              | 1/8          | 2-1/2 | 2-3/4 |
| 9                | 111              | 3/32         | 7/16   | 5/8     | 9                | 231              | 1/8          | 2-5/8 | 2-7/8 |
| 10               | 112              | 3/32         | 1/2    | 11/16   | 10               | 232              | 1/8          | 2-3/4 | 3     |
| 11               | 113              | 3/32         | 9/16   | 3/4     | 11               | 233              | 1/8          | 2-7/8 | 3-1/8 |
| 12               | 114              | 3/32         | 5/8    | 13/16   | 12               | 234              | 1/8          | 3     | 3-1/4 |
| 13               | 115              | 3/32         | 11/16  | 7/8     | 13               | 235              | 1/8          | 3-1/8 | 3-3/8 |
| 14               | 116              | 3/32         | 3/4    | 15/16   | 14               | 236              | 1/8          | 3-1/4 | 3-1/2 |
| 15               | 210              | 1/8          | 3/4    | 1       | 15               | 237              | 1/8          | 3-3/8 | 3-5/8 |
| 16               | 211              | 1/8          | 13/16  | 1-1/16  | 16               | 238              | 1/8          | 3-1/2 | 3-3/4 |
| 17               | 212              | 1/8          | 7/8    | 1-1/8   | 17               | 239              | 1/8          | 3-5/8 | 3-7/8 |
| 18               | 213              | 1/8          | 15/16  | 1-3/16  | 18               | 240              | 1/8          | 3-3/4 | 4     |
| 19               | 214              | 1/8          | 1      | 1-1/4   | 19               | 241              | 1/8          | 3-7/8 | 4-1/8 |
| 20               | 215              | 1/8          | 1-1/16 | 1-5/16  | 20               | 242              | 1/8          | 4     | 4-1/4 |
| 21               | 216              | 1/8          | 1-1/8  | 1-3/8   | 21               | 243              | 1/8          | 4-1/8 | 4-3/8 |
| 22               | 217              | 1/8          | 1-3/16 | 1-7/16  | 22               | 244              | 1/8          | 4-1/4 | 4-1/2 |
| 23               | 218              | 1/8          | 1-1/4  | 1-1/2   | 23               | 245              | 1/8          | 4-3/8 | 4-5/8 |
| 24               | 219              | 1/8          | 1-5/16 | 1-9/16  | 24               | 246              | 1/8          | 4-1/2 | 4-3/4 |
| 25               | 220              | 1/8          | 1-3/8  | 1-5/8   | 25               | 247              | 1/8          | 4-5/8 | 4-7/8 |
| 26               | 221              | 1/8          | 1-7/16 | 1-11/16 |                  |                  |              |       |       |
| 27               | 222              | 1/8          | 1-1/2  | 1-3/4   |                  |                  |              |       |       |
| 28               | 325              | 3/16         | 1-1/2  | 1-7/8   |                  |                  |              |       |       |
| 29               | 326              | 3/16         | 1-5/8  | 2       |                  |                  |              |       |       |
| 30               | 327              | 3/16         | 1-3/4  | 2-1/8   |                  |                  |              |       |       |

No MS28775 Equivalent for AN6230B-31 and Larger

# CONVERSION CHARTS

## FRACTIONAL INCHES CONVERTED TO DECIMAL MILLIMETERS

| Fraction of Inch | Decimal Inch | Decimal MM. | Fraction of Inch | Decimal Inch | Decimal MM. | Fraction of Inch | Decimal Inch | Decimal MM. | Fraction of Inch | Decimal Inch | Decimal MM. |
|------------------|--------------|-------------|------------------|--------------|-------------|------------------|--------------|-------------|------------------|--------------|-------------|
| 1/64             | .015625      | 0.39688     | 17/64            | .265625      | 6.74689     | 33/64            | .515625      | 13.09690    | 49/64            | .765625      | 19.44691    |
| 1/32             | .03125       | 0.79375     | 9/32             | .28125       | 7.14376     | 17/32            | .53125       | 13.49378    | 25/32            | .78125       | 19.84379    |
| 3/64             | .046875      | 1.19063     | 19/64            | .296875      | 7.54064     | 35/64            | .546875      | 13.89065    | 51/64            | .796875      | 20.24067    |
| 1/16             | .0625        | 1.58750     | 5/16             | .3125        | 7.93752     | 9/16             | .5625        | 14.28753    | 13/16            | .8125        | 20.63754    |
| 3/64             | .078125      | 1.98438     | 21/64            | .328125      | 8.33439     | 37/64            | .578125      | 14.68440    | 53/64            | .828125      | 21.03442    |
| 3/32             | .09375       | 2.38125     | 11/32            | .34375       | 8.73127     | 19/32            | .59375       | 15.08128    | 27/32            | .84375       | 21.43129    |
| 7/64             | .109375      | 2.77813     | 23/64            | .359375      | 9.12814     | 39/64            | .609375      | 15.47816    | 55/64            | .859375      | 21.82817    |
| 1/8              | .125         | 3.17501     | 3/8              | .375         | 9.52502     | 5/8              | .625         | 15.87503    | 7/8              | .875         | 22.22504    |
| 9/64             | .140625      | 3.57188     | 25/64            | .390625      | 9.92189     | 41/64            | .640625      | 16.27191    | 57/64            | .890625      | 22.62192    |
| 5/32             | .15625       | 3.96876     | 13/32            | .40625       | 10.31877    | 21/32            | .65625       | 16.66878    | 29/32            | .90625       | 23.01880    |
| 11/64            | .171875      | 4.36563     | 27/64            | .421875      | 10.71565    | 43/64            | .671875      | 17.06566    | 59/64            | .921875      | 23.41567    |
| 3/16             | .1875        | 4.76251     | 7/16             | .4375        | 11.11252    | 11/16            | .6875        | 17.46253    | 15/16            | .9375        | 23.81255    |
| 13/64            | .203125      | 5.15939     | 29/64            | .453125      | 11.50940    | 45/64            | .703125      | 17.85941    | 61/64            | .953125      | 24.20942    |
| 7/32             | .21875       | 5.55626     | 15/32            | .46875       | 11.90627    | 23/32            | .71875       | 18.25629    | 31/32            | .96875       | 24.60630    |
| 15/64            | .234375      | 5.95314     | 31/64            | .484375      | 12.30315    | 47/64            | .734375      | 18.65316    | 63/64            | .984375      | 25.00318    |
| 1/4              | .25          | 6.35001     | 1/2              | .5           | 12.70003    | 3/4              | .75          | 19.05004    | 1                | 1.           | 25.40005    |

## MILLIMETERS CONVERTED TO DECIMAL INCHES

| Millimeters | INCH EQUIVALENTS |          |          |          |          |          |          |          |          |          |
|-------------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|             | 0                | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        |
|             | 0.00000          | 0.03937  | 0.07874  | 0.11811  | 0.15748  | 0.19685  | 0.23622  | 0.27559  | 0.31496  | 0.35433  |
| 10          | 0.39370          | 0.43307  | 0.47244  | 0.51181  | 0.55118  | 0.59055  | 0.06299  | 0.66929  | 0.70866  | 0.74803  |
| 20          | 0.78740          | 0.82677  | 0.86614  | 0.90551  | 0.94488  | 0.98425  | 1.02362  | 1.06299  | 1.10236  | 1.14173  |
| 30          | 1.18110          | 1.22047  | 1.25984  | 1.29921  | 1.33858  | 1.37795  | 1.41732  | 1.45669  | 1.49606  | 1.53543  |
| 40          | 1.57480          | 1.61417  | 1.65354  | 1.69291  | 1.73228  | 1.77165  | 1.81102  | 1.85039  | 1.88976  | 1.92913  |
| 50          | 1.96850          | 2.00787  | 2.04724  | 2.08661  | 2.12598  | 2.16535  | 2.20472  | 2.24409  | 2.28346  | 2.32283  |
| 60          | 2.36220          | 2.40157  | 2.44094  | 2.48031  | 2.51968  | 2.55905  | 2.59842  | 2.63779  | 2.67716  | 2.71653  |
| 70          | 2.75590          | 2.79527  | 2.83464  | 2.87401  | 2.91338  | 2.95275  | 2.99212  | 3.03149  | 3.07086  | 3.11023  |
| 80          | 3.14960          | 3.18897  | 3.22834  | 3.26771  | 3.30708  | 3.34645  | 3.38582  | 3.42519  | 3.46456  | 3.50393  |
| 90          | 3.54330          | 3.58267  | 3.62204  | 3.66141  | 3.70078  | 3.74015  | 3.77952  | 3.81889  | 3.85826  | 3.89763  |
| 100         | 3.93700          | 3.97637  | 4.01574  | 4.05511  | 4.09448  | 4.13385  | 4.17322  | 4.21259  | 4.25196  | 4.29133  |
| 110         | 4.33070          | 4.37007  | 4.40944  | 4.44881  | 4.48818  | 4.52755  | 4.56692  | 4.60629  | 4.64566  | 4.68503  |
| 120         | 4.72440          | 4.76377  | 4.80314  | 4.84251  | 4.88188  | 4.92125  | 4.96062  | 4.99999  | 5.03936  | 5.07873  |
| 130         | 5.11810          | 5.15747  | 5.19684  | 5.23621  | 5.27558  | 5.31495  | 5.35432  | 5.39369  | 5.43306  | 5.47243  |
| 140         | 5.51180          | 5.55117  | 5.59054  | 5.62991  | 5.66928  | 5.70865  | 5.74802  | 5.78739  | 5.82676  | 5.86613  |
| 150         | 5.90550          | 5.94487  | 5.98424  | 6.02361  | 6.06298  | 6.10235  | 6.14172  | 6.18109  | 6.22046  | 6.25983  |
| 160         | 6.29920          | 6.33857  | 6.37794  | 6.41731  | 6.45668  | 6.49605  | 6.53542  | 6.57479  | 6.61416  | 6.65353  |
| 170         | 6.69290          | 6.73227  | 6.77164  | 6.81101  | 6.85038  | 6.88975  | 6.92912  | 6.96849  | 7.00786  | 7.04723  |
| 180         | 7.08660          | 7.12597  | 7.16534  | 7.20471  | 7.24408  | 7.28345  | 7.32282  | 7.36219  | 7.40156  | 7.44093  |
| 190         | 7.48030          | 7.51967  | 7.55904  | 7.59841  | 7.63778  | 7.67715  | 7.71652  | 7.75589  | 7.79526  | 7.83463  |
| 200         | 7.87400          | 7.91337  | 7.95274  | 7.99211  | 8.03148  | 8.07085  | 8.11022  | 8.14959  | 8.18896  | 8.22833  |
| 210         | 8.26770          | 8.30707  | 8.34644  | 8.38581  | 8.42518  | 8.46455  | 8.50392  | 8.54329  | 8.58266  | 8.62203  |
| 220         | 8.66140          | 8.70077  | 8.74014  | 8.77951  | 8.81888  | 8.85825  | 8.89762  | 8.93699  | 8.97636  | 9.01573  |
| 230         | 9.05510          | 9.09447  | 9.13384  | 9.17321  | 9.21258  | 9.25195  | 9.29132  | 9.33069  | 9.37006  | 9.40943  |
| 240         | 9.44880          | 9.48817  | 9.52754  | 9.56691  | 9.60628  | 9.64565  | 9.68502  | 9.72439  | 9.76376  | 9.80313  |
| 250         | 9.84250          | 9.88187  | 9.92124  | 9.96061  | 9.99998  | 10.03935 | 10.07872 | 10.11809 | 10.15746 | 10.19683 |
| 260         | 10.23620         | 10.27557 | 10.31494 | 10.35431 | 10.39368 | 10.43305 | 10.47242 | 10.51179 | 10.55116 | 10.59053 |
| 270         | 10.62990         | 10.66927 | 10.70864 | 10.74801 | 10.78738 | 10.82675 | 10.86612 | 10.90549 | 10.94486 | 10.98423 |
| 280         | 11.02360         | 11.06297 | 11.10234 | 11.14171 | 11.18108 | 11.22045 | 11.25982 | 11.29919 | 11.33856 | 11.37793 |
| 290         | 11.41730         | 11.45667 | 11.49604 | 11.53541 | 11.57478 | 11.61415 | 11.65352 | 11.69289 | 11.73226 | 11.77163 |