



List of items that you need for your Private Pilots license.

The Essentials

Logbook –You keep a record of your flight training time in a logbook. It's vital that you never lose it and that you have it with you for every lesson and every flight you ever go on as a sport pilot.

Cost: \$10

Sectional and Terminal Area Charts – These are the 'maps' of the area that help you navigate airspace and find your way from A to B. Unlike a GPS they will never break, lose reception or run out of batteries. They do however expire every 6 months and you should always ensure that you have a current one with you for each flight.

Cost: Sectional Area Chart \$9.50

Cost: Terminal Area Chart \$5.50

Aviation Medical – Before you can solo an aircraft as a student you are required to hold at least a 3rd class aviation medical. This can be obtained from an AMT

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Cost: \$150

AOPA Renters insurance (Gold) – This is required before you can solo or if you are a renter. It provides Bodily Injury and Property Damage Liability Limit

- Per Occurrence \$500,000
- Per Passenger \$50,000
- Protection against claims for damage to our aircraft - \$10,000

Cost: \$275/year with AOPA membership \$291/year for non-members

DUATS Internet account – You need one of these to check the weather. You must already have a student pilot's license before you can sign up for an account.

Cost: Free



Pilot's Handbook of Aeronautical Knowledge – This textbook contains almost everything you would ever need to know about flying. It provides basic knowledge that is essential for pilots and will introduce you to the broad spectrum of knowledge that will be needed as you progress in your training. This book is available free online from the FAA website as a pdf but most people purchase a physical copy so they can highlight and make notes.

Cost: Free or \$19

Airplane Flying Handbook – This textbook is designed as a technical manual to introduce piloting skills and knowledge that are essential for flying airplanes. This book is available free online from the FAA website as a pdf but most people purchase a physical copy so they can highlight and make notes

Cost: Free or \$17

FAR/AIM – These are actually two books: the Federal Aviation Regulations and the Airman's Information Manual. Don't be put off by the hefty size of this tome. Only a small fraction of this book applies to you but it includes essential knowledge for how to get your license and how to stay out of trouble when you do. Available free online from the FAA website as a pdf but most people purchase a physical copy so they can highlight and make notes.

Cost: Free or \$16

Practical Test Standards – PTS is written by the FAA and details the type and levels of skill and knowledge that must be demonstrated before an examiner can issue a certificate or rating to an applicant.

Cost: Free or \$8

Airport/Facility Directory – This handy little book contains everything you could ever want to know about all the airports in California, Nevada, Arizona, Utah, New Mexico and Colorado, it's essential to study this book before visiting an airport you've never been to or even one you have. This is also available free online from the FAA website as a pdf but most people purchase a physical copy so they can highlight and make notes. Watch out because they go out of date every 3-4 months.

Cost: Free or \$8

Aviation Plotter – You need one of these 'aviation rulers' to do cross-country flight planning and navigation procedures.

Cost: \$12

E6B - These flight computers are used during flight planning (on the ground before takeoff) to aid in calculating fuel burn, wind correction, time en route, and other items. In the air, the flight computer can be used to calculate ground speed as



well. The back is designed for wind correction calculations, *i.e.*, determining how much the wind is affecting your speed and course.

Cost: \$8 ** See optional extras**

Optional extras

Checklist – We’ve made some copies of the aircraft checklists, if you familiarize yourself with it this will greatly expedite your training process.

Cost: \$4

Electronic E6B – Using a regular E6B to do airspeed calculations is akin to using an abacus to do advanced trigonometry.

Cost: \$50

A headset – although we provide headsets in our aircraft, some students like to reward themselves with fancy-shmancy ones. The choice is yours.

Cost: \$150 - \$1000

Ray-Ban ‘Aviator’ sunglasses – Because without them you’re not a real pilot.

Cost: Around \$150

AOPA Membership – AOPA is the Pilots Government lobby and they are good people who are there to help. They also have the best flight planning program available online so you need a membership if you want to save countless hours slaving away with a plotter and a chart.

Cost \$45 per year