

Equipment and Books

See BUYING GUIDE at the end of this document for additional details on what and where to purchase these items.

Do *NOT* purchase items on this list until *AFTER* being accepted into the Flight Science degree. Purchasing these items can be done 30-60 days prior to the first day of classes.

Unless specifically stated, all items on this list must be purchased by the student out-of-pocket and are not covered by enrollment fees (tuition) or by lab fees.

This list only covers items needed for the first semester at Reedley College.

FLGHT 101 Private Pilot 1 Ground School Required Equipment

- 1) Pencils, pens, paper, 8 ½ by 11 notebook/binder, simple calculator (add, subtract, multiply, divide)
- 2) Jeppesen Textbook
- 3) FAR/AIM
- 4) Pilots Handbook of Aeronautical Knowledge
- 5) Airplane Flying Handbook
- 6) PA-38 Tomahawk Pilots Operating Handbook or PA-28 Warrior II Pilots Operating Handbook (*will be provided by Reedley College*)
- 7) Uniform shirts will be ordered during first week of classes

FLGHT 107 Private Pilot 1 Simulation Lab Required Equipment

- 1) All of the above for FLGHT 101 Ground School
- 2) Pilot logbook
- 3) iPad mini and \$120 ForeFlight subscription

FLGHT 105 Private Pilot 1 Flight Lab Required Equipment

- 1) All of the above for FLGHT 107 Simulation Lab
- 2) Reliable transportation to/from Fresno-Yosemite airport
- 3) Headset
- 4) Aircraft fuel tester
- 5) Sunglasses (*non-polarized*)
- 6) Phone with voicemail working
- 7) Airport Security ID badge (apply at orientation – approximate cost is \$75)

BUYING GUIDE

Students may purchase textbooks, FAA books, headsets, and other equipment from many online retailers such as: Sportys, Aircraft Spruce, Jeppesen, Gleim, ASA2fly, MyPilotStore, PilotShop, SkyGeek, Amazon, etc.

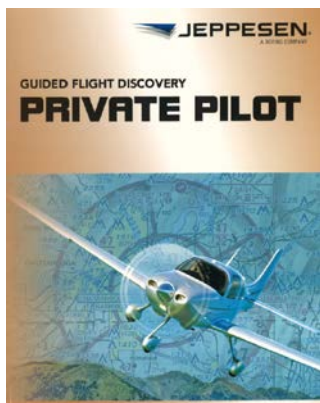
Students do NOT need to purchase any item (other than the uniform shirt) from any retailer listed in this document. Websites/stores listed are for example only.

Be sure to get the version of the item you are listed. Do not buy the older version of books.

Students who already own an item on this list but have questions whether it will work for FLGHT courses can contact the Program Coordinator with questions.

No book is required to be “hard copy.” Students can use any current electronic copy. For instance, the Pilots Handbook of Aeronautical Knowledge and Airplane Flying Handbook can be downloaded for free. Students do need to be able to access these electronic documents during class and at the airport. Students also *need to be able to mark and/or highlight these electronics* or hard copy documents for easy reference. If electronic copies are used, students are responsible for having them available at any time during lecture classes, simulator labs, or flying labs.

Jeppesen Guided Flight Discovery Private Pilot (textbook)



ISBN 978-0-88487-660-1

Part number 10001360-006

published 2018

ASA 2023 FAR/AIM (does not have to be ASA, but this is the easiest FAR/AIM to read, highlight, and mark in). **A hard copy version is highly recommended** since many entries will need to be highlighted and this book will need to be used quickly.



FAA Handbooks

Students typically mark in these hard-copy books in pencil and/or highlight *which is recommended by the program coordinator*. Some iPad, tablet, and laptop document readers allow text to be highlighted in the electronic version. *Students must be able to access these books in class*, so if using an electronic version, students must always bring the electronic device to class, simulator labs, and flying labs.

Pilots Handbook of Aeronautical Knowledge FAA-H-8083-**25B** (download: https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/phak/media/pilot_handbook.pdf) or buy hard copy (recommended)



Airplane Flying Handbook FAA-H-8083-3B (download: https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/airplane_handbook/media/airplane_flying_handbook.pdf) or buy hard copy (recommended)



PA-38 Tomahawk or PA-28 Warrior II Pilots Operating Handbook – will be provided by Reedley College on first day of ground school class.

iPad Mini

You need to buy a low-end iPad MINI (Gen 5 or higher – no Gen 4 or earlier) and the \$120 ForeFlight app. See below for more data. Bring this to the New Student Orientation.

The least expensive iPads have the smallest memory. Even the smallest memory will be more than you need to get you all the way to the airlines so do not worry about buying the largest memory.

Make sure you get a recent iPad. Get an iPad Mini 5th generation or higher. Do NOT get a 4th generation or earlier.

The biggest decision is to whether to get the Wi-Fi only or the Cellular version. You do NOT ever need to set up a phone line account for the cellular version, but it has a built-in GPS that (in my experience) has worked fine in a small airplane. If you get an iPad without the cellular (and without built-in GPS), then you will need to also spend about \$100 to buy an external GPS to send data to the iPad. That is now a second item to keep charged, so it is recommended paying extra for the cellular version but never setting it up with a phone plan.

You can read here for more details on buying an iPad for use in an airplane: <https://ipadpilotnews.com/2022/11/whats-the-best-ipad-pilots-2022-buyers-guide/>

Buy the \$120 ForeFlight app (one-year subscription) **two weeks before classes** start and be ready to show it at the New Student Orientation. Read more here:

https://foreflight.com/solutions/personal/?gclid=CjwKCAjwve2TBhByEiwAaktM1Dwrl9h4d3W8wyjNiuhdC2gkxn2tcMQ3JO-9XGYtTq94idrZ7avxcBoCoBYQAvD_BwE

iPad Kneeboard Mount

Many students will prefer to combine the “kneeboard” with an iPad mount that straps to the leg. This allows only one thing to be strapped to one leg instead of a kneeboard on one leg and an iPad on the other. You are authorized to skip buying the kneeboard from the Equipment and Books list and get an iPad leg strap-down system similar to one of these:

<https://www.youtube.com/watch?v=cZ-yazY5YTk>

<https://ipadpilotnews.com/2019/11/ipad-kneeboard-buyer-guide/>

<https://aerocorner.com/blog/best-pilot-kneeboards/>

Kneeboard

Start off with an inexpensive ½ page kneeboard. After a while, you may decide you want something fancier but you may like the \$15 kneeboard just fine. Examples of inexpensive starter ½ page kneeboards:

https://www.pilotshop.com/pages/ps/kneeboards_0browse/aerokboard2.php

or

<http://www.sportys.com/pilotshop/sporty-s-classic-kneeboard.html>

Pilot logbook

It is recommended students purchase the most professional looking logbook they can afford. *This logbook will be presented at every job interview for the rest of your pilot career.* It needs to look professional. It is recommended students spend *at least* \$20 on a very good logbook. You cannot go wrong with a Jeppesen **Professional** logbook like this:

<https://www.pilotgearonline.com/professional-pilot-logbook/>

or

https://www.pilotmall.com/products/jeppesen-professional-pilot-logbook-506050?variant=10886830063659&utm_medium=cpc&utm_source=google&utm_campaign=Google%20Shopping&gclid=CjwKCAjwgYPZBRBoEiwA2XeupYP6eDdk_2NwOnSCYE8SJVzVPFJn7DiDCRzeD99JJVFtsulq9iB_UBoCFVoQAvD_BwE

Reliable Transportation

Students will need to travel to/from the Reedley College campus and to/from the Fresno-Yosemite airport multiple times per week. Missing a ground school, simulation lab, or flight lab event will have a negative impact on student performance. Students must, therefore, have access to a vehicle that is extremely reliable. Failure to attend any FLGHT course meeting because of vehicle failure will require written documentation of that failure, otherwise it will be considered an unexcused absence. See each course syllabus for consequences of an unexcused absence.

Headset

Any aviation headset designed for use in *small civilian airplanes* is acceptable. In general, purchase the best headset you can afford. It is okay to buy a headset for under \$200. Commonly, military headsets (even if modified) do not work well. The Program Coordinator has had a David Clark brand headset (model H10-30) for 40 years and been very happy.

Examples:

Low Cost: <http://www.sportys.com/pilotshop/sigtronics-s-20-headset.html>

Mid-range: http://www.aircraftspruce.com/pages/av/headsets_0browse/h10-30.php

Very best: <http://www.mypilotstore.com/MyPilotStore/sep/11329>

Aircraft Fuel Tester

<https://www.pilotgearonline.com/aircraft-fuel-tester-black/>

or

http://www.aircraftspruce.com/catalog/appages/05-03386.php?gclid=CjwKCAjwgYPZBRBoEiwA2XeupXxmFINvZxZkwPTS4bDjKa-jP0ix-sP4X7Fv-PQm9HHsXdWOHNZ7NhoCT2gQAvD_BwE

Fresno Airport Security ID Badge

Students will fill-out the ID badge application during the new student orientation on the Wednesday before classes begin. Students must take the completed form plus **two** types of ID (see *Acceptable ID for Security Badge* online document) to the Fresno Airport Security Office and pay approximately \$75. Students with criminal drug violations or a felony conviction in the past 10 years may not be able to gain approval for a badge. Failure to be approved for a Fresno airport badge disqualifies a student for participation in a Flight Lab course at the Fresno airport. If a student has a concern about badge approval, contact the Program Coordinator as soon as possible.

Uniform shirt(s)

Uniform shirts are mandatory and must be worn in *every* FLGHT Ground School, Simulation Lab, and Flight Lab course starting the third week of classes. Uniform shirts will be ordered on the first day of the semester. Cost is approximately \$35 each. Orders must be paid for in advance.

Active Phone With Voicemail

Students must have and use a cell phone or a land line with voice messaging capability while enrolled in a flying lab so the flight instructor can contact the student at a moment's notice concerning flight lesson dates/times.