



Spring 2024 GROUND SCHOOL SYLLABUS

Revised February 14, 2024

Class begins March 23rd – Ends May 11th, every Saturday 8:30 – 1:30. Location Fryeburg Academy

Prepared by: H. Edmund Bergeron, AGI

Cost - \$275 (course only) \$395 with publications Aviation Academy Membership required. Academy membership fee is \$100 for students (18 and under) and \$300 for adults per year.

Note: Student Academy membership and tuition may be paid by your school. Check with them first.

<u>Class/Date</u>	<u>Topics</u>	<u>PHAK Chapters</u>
1 (March 23rd)	Private Pilot Certificate & Medical Requirements, Aeronautical Decision-Making.	1, 2, 17
2 (March 30th)	Airplane Construction, Instruments, Engines and Systems. Aerodynamics of Flight.	3, 4, 5, 6, 7, 8
3 (April 6th)	Airports, Air Traffic Control, Communications and Airspace.	14, 15, Appendix C
4 (April 13th)	Federal Aviation Regulations.	Pilot Hbk Unit 4, FAR/AIM 14 CFR Parts 1, 21,39,43, 47,61,91
5(April 20th)	Airplane Performance and Weight & Balance.	9, 10, 11
6(April 27th)	Aeromedical Factors and Stage One Test .	17
7(May 4th)	Aviation Weather & Aviation Weather Services	12, 13
8(May 11th)	Navigation, Charts & Publications, Navigation Systems, Cross Country Flight Planning	16,
9(May 18 th)	End of Course Practice FAA Exam.	

References (provided with \$395 package)

PHAK = "Pilot's Handbook of Aeronautical Knowledge, FAA-H-8083-25B" - free- Downloadable at www.faa.gov or purchase from www.Sportys.com \$24.95

Gleim – "Pilot Handbook, a comprehensive text and reference for all pilots", \$24.95, www.Gleimaviation.com

Gleim – "Private Pilot – FAA Knowledge Test Prep" \$22.95 www.gleimaviation.com

2022 FAR/AIM - Free - Downloadable at www.FAA.gov or \$19.95 from Gleim or Sporty's

E6B Flight Computer – (Fiberboard) \$14.95 – from Gleim