

Private Pilot Training Syllabus

Objective:

The purpose of this syllabus is to outline a Private Pilot Training course where understanding of concepts is emphasized. Each lesson will build on the material learned in the previous session. The student is expected to study the indicated material prior to the beginning of the session.

Syllabus:

Notes:

- *Flight lessons may include up to one hour of ground instruction for preflight and postflight briefing.*
- *Topics listed below only include the new material introduced during each session. All lessons will include a review of the previous material.*

Lesson No.	Description	Duration	Type*	✓	Completion Date
1.	Preflight, Positive exchange of controls, Taxi, Take Off, Climbs, Turns, Level Flight, Traffic Scanning, Descents.	0.6	D		
2.	Basic radio communication, Cross Wind Taxiing, Climbs, Turns, Descents, Trim Usage , Approach to landings <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <ul style="list-style-type: none"> ● <u>AFH¹: Chap.1 and Chap. 2</u> ● <u>PPMNV² : Ground Operations and Basic Maneuvers</u> </div>	1.2	D		
3.	Airplane Systems <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <ul style="list-style-type: none"> ● <u>PHAK³: Chap. 1, 4</u> ● <u>PPMAN⁴ : Chapter 2</u> </div>	1.5	G		
4.	Radio Communications, Steep Turns, Turns to heading, Low approaches <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <ul style="list-style-type: none"> ● <u>AFH: Chap. 3, Chap. 9, pp 9-1 to 9-2</u> ● <u>PPMAN⁵ : Chapter 5, Communication and Flight Information</u> </div>	1.2	D		
5.	Review	1.2	D		

* G → Ground Lesson, D → Flight Lesson Day, N → Flight Lesson Night, S → Solo Flight

1 Airplane Flying Handbook, FAA 2004 ed., FAA-H-8083-3A

2 Private Pilot Maneuvers, Jeppesen

3 Pilot's Handbook of Aeronautical Knowledge, FAA 2003 ed., FAA-H-8083-25

4 Private Pilot Manual, Jeppesen

5 Private Pilot Manual, Jeppesen

<i>Lesson No.</i>	<i>Description</i>	<i>Duration</i>	<i>Type</i>	✓	<i>Completion Date</i>
6.	Aerodynamic Principles <ul style="list-style-type: none"> ● <u>PHAK: Chap. 2 and Chap. 3</u> ● <u>PPMAN: Chapter 3, Aerodynamic Principles</u> 	1.5	G		
7.	Slow Flight, Power on Stall and recovery, Power off stalls and recovery, Landings <ul style="list-style-type: none"> ● <u>AFH: Chapter 4</u> ● <u>PPMNV: Performance Takeoffs and landings</u> 	1.2	D		
8.	Rectangular Courses, S-Turns, Turns around a point <ul style="list-style-type: none"> ● <u>AFH: Chapter 6, pp 6-1 to 6-10</u> ● <u>PPMNV: Ground Reference Manuvers</u> 	1.2	D		
9.	Review <ul style="list-style-type: none"> ● <u>PHAK: Chap. 5, 6</u> 	1.2	D		
10.	Landings <ul style="list-style-type: none"> ● <u>AFH: Chapter 7, Chapter 8 pp 8-1 to 8-10 and pp 8-27 to 8-35</u> 	1.2	D		
11.	Emergency Procedures, Go-Arounds, Forward Slips <ul style="list-style-type: none"> ● <u>AFH: Chapter 16, pp16-1 to 16-12</u> ● <u>PPMNV: Emergency Landing Procedures and Airport Operations</u> 	1.2	D		
12.	Cross wind take offs, landing <ul style="list-style-type: none"> ● <u>AFH: Chapter 8 pp 8-10 to 8-19</u> 	1.5	D		
13.	Human Factors and Performance Charts <ul style="list-style-type: none"> ● <u>PHAK: Chap 7, 8, 9, and 15</u> ● <u>PPMAN: Chapter 8, Chapter 10</u> 	1.0	G		
14.	Review <ul style="list-style-type: none"> ● <u>PHAK: Chap 12 Airport Signs</u> ● <u>PPMAN: Chapter 4</u> 	1.5	D		
15.	Pre-Solo Exam	1.0	G		
16.	Review (pre-solo checkout)	1.2	D		
17.	Pre-solo Dual	0.6	D		
18.	SOLO FLIGHT	0.6	S		
19.	Short Field Take Off, Soft Field Take Off, Short Field Landing, Soft Field Landing <ul style="list-style-type: none"> ● <u>AFH: Chapter 5</u> 	1.0	D		

<i>Lesson No.</i>	<i>Description</i>	<i>Duration</i>	<i>Type</i>	✓	<i>Completion Date</i>
20.	Local solo flight	1.0	S		
21.	Weather <ul style="list-style-type: none"> ● PHAK: Chap 10 and 11 ● PPMAN: Chapter 6, Chapter 7 	2.0	G		
22.	Local solo flight	1.0	S		
23.	VOR Navigation, GPS Navigation, Instrument Flying <ul style="list-style-type: none"> ● PHAK: Chap 16, pp16-12 to 16-17 ● PPMNV: Attitude instrument flying 	1.5	D		
24.	Instrument Flying, Unusual Attitude recovery, Stalls and recovery under the hood	1.5	D		
25.	Federal Aviation Regulations, Airspace <ul style="list-style-type: none"> ● PHAK: Chap 13 	1.5	G		
26.	Night landings (at least 7 landings) <ul style="list-style-type: none"> ● AFH: Chapter 10 ● PPMNV: Night Operations 	1.0	N		
27.	Local Solo Flight (optional)	1.2	S		
28.	Cross Country Planning <ul style="list-style-type: none"> ● PHAK: Chap 14 ● PPMAN: Chapter 9, Chapter 11 	2.0	G		
29.	Cross Country Flight (Short) <ul style="list-style-type: none"> ● PHAK: Chap 16 	2.0	D		
30.	Cross Country Flight (Long including some instrument flying)	3.0	D		
31.	Night Cross Country (greater than 100NM)	2.2	N		
32.	Solo Cross Country (Short)	1.5	S		
33.	Review	1.0	D		
34.	Solo Cross Country (Short)	2.0	S		
35.	Solo Cross Country greater than 150nm	3.5	S		
36.	Check Ride Prep	2.0	D		
37.	Check Ride Prep	1.5	D		
38.	Check Ride Prep (optional)	1.5	D		
39.	Check Ride Perp (optional)	1.5	D		
40.	Pre-Check Ride Check out	1.5	D		
41.	Solo Practice (optional)	1.2	S		

<i>Lesson No.</i>	<i>Description</i>	<i>Duration</i>	<i>Type</i>	✓	<i>Completion Date</i>
42.	Pre-Check Ride Prep	1.5	G		

Summary:

Dual	33.2 - 36.2
Solo	10 - 11
Ground	12