



Sport Pilot Syllabus

Part 61

Federal Aviation Regulations

Phase one – Solo

Lesson One - Dual

Use of checklist

Demonstrate Preflight on right half of airplane

Student does left side

Student Starts engine – Instructor assist

Instructor demonstrates radio use

Demonstrate Taxi, student practice

Student does Run-up with assistance from instructor

Demonstrate Take off,

Explain positive exchange of controls

Give airplane to student during climb out after it is in trim

Traffic avoidance

Explain Attitude/Power/Trim

Demonstrate straight and level flight – Student practice

Demonstrate Climbs, descents, and turns – Student practice

Climbing and descending turns – Student practice

Demonstrate Landing

Completion standards

Altitude within 300 feet

Headings within 30 degrees

Lesson Complete: _____ Date

Lesson Two - Dual

Student preflight – Instructor monitor

Student does: Taxi and Run-up – Instructor monitor

Take off - Instructor assists

Traffic avoidance

Straight and level flight – Student practice

Climbs, descents, and turns – Student practice

Climbing and descending turns – Student practice

Demonstrate flight at various airspeeds and minimum controllable airspeed

Demonstrate power-off stall

Student practice - Flight at various airspeeds, minimum controllable airspeed and power-off stall

Demonstrate flight at minimum controllable airspeed

Student practice

Student Practice lesson one and two

Demonstrate Landing

Completion standards

Altitude within 300 feet

Headings within 30 degrees

Lesson Complete: _____ Date

Lesson three - Dual

Student preflight, Start Engine, Call for taxi clearance, Taxi, Run up, Call tower for take off clearance, Take off, climb out and level off at assigned altitude - Instructor Monitor

Review slowflight and stall.
Demonstrate Departure, arrival, and accelerated stalls.
Student practice

Demonstrate Steep turns
Student practice

Student practice lesson 1,2, and 3

Demonstrate Landing

Completion standards
Altitude within 200 feet
Headings within 20 degrees
Bank angle within 10 degrees

Lesson Complete: _____ Date

Lesson four - Dual

Student should be able to: preflight, taxi, run up, take off, and lesson one unassisted. – Instructor monitor. Instructor assist with radio if needed.

Review and Practice lesson two and three.

Demonstrate Emergency Procedures:

1 Engine Failure

2 Engine Fire in flight

Student Practice

Demonstrate ground reference maneuvers: Turns around a point and “S” turns across a road.

Student practice

Student Landing – Instructor assist

Completion standards

Altitude within 200 feet

Headings within 20 degrees

Bank angle within 10 degrees

Lesson Complete: _____ Date

Lesson five - Dual

Student does complete unassisted preflight, radio, taxi, run up, take off.

Practice lesson 1,2,3,4 until completion standards are met.

Demonstrate Cross wind take off and landings, Slips to a landing, and Go-Around

Student practice landings – Instructor assist

Completion standards

Altitude within 200 feet

Headings within 20 degrees

Bank angle within 10 degrees

Outcome of every maneuver never in doubt

Lesson Complete: _____ Date

Lesson six – Dual and Solo

Student does complete unassisted preflight, radio, taxi, run up, take off.

Student Landings – Instructor assist

Student practice take off and landings until consistently landing the airplane with confidence, at correct airspeed, on center line with positive use of all controls.

First supervised solo!

Lesson Complete: _____ Date

Lesson Seven – Dual and Solo

Student will demonstrate that he or she is proficient in all aspects of flight.
Instructor monitor

Second Supervised solo

Lesson Complete: _____ Date

Lesson eight - Solo

Third Supervised solo

Student will practice take off and landings totally unassisted.

Lesson Complete: _____ Date

Lesson nine – Dual and Solo

Instructor will introduce student to Arlington airport, discussing arrival procedures, including AWOS, Unicom, and traffic pattern entries and exits.

Student will practice entering and exiting pattern and communications at uncontrolled airports

Instructor will discuss arrival and traffic patterns used at Paine Field.

Student will practice entering and exiting pattern and communications at controlled airports

Completion standards

Altitude within 200 feet

Headings within 20 degrees

Bank angle within 10 degrees

Outcome of every maneuver never in doubt

Lesson Complete: _____ Date

Lesson 10 - Solo

Student will practice all maneuvers in lessons 1 – 9 solo.

Completion standards

Sport Pilot Practical Test Standards (PTS)

And

Outcome of every maneuver never in doubt

Lesson Complete: _____ Date

Phase two – Cross-Country

Lesson One – Dual

Student will plan a dual cross-country flight from Paine Field (KPAE) to Skagit Regional (KBVS) to Port Townsend (OS9) and return.

Leg one – KPAE-KBVS the student will fly using only pilotage navigation

Leg two – KBVS – OS9 the student will fly using only dead reckoning navigation

Leg three – OS9 – PAE the student will fly using his or her choice of navigation

Completion standards

Private Pilot Practical Test Standards

And

Outcome of every maneuver never in doubt

Lesson Complete: _____ Date

Lesson two – Solo

The student will plan and fly a cross country from KPAE – OS9 – KBVS – KPAE using his/her choice of navigation.

Completion standards

Private Pilot Practical Test Standards

And

Outcome of every maneuver never in doubt

Lesson Complete: _____ Date

Phase three – Practical Test Prep

Lesson One – Dual

The student will Demonstrate all maneuvers listed in the Sport Pilot Practical Test Standards as requested by the instructor. This mock check ride will allow the Student to gain the confidence he/she needs to become a safe and competent Private Pilot.

Again this lesson may cover more than one flight, and will conclude when the student demonstrates that he/she can perform each maneuver in the PTS with in the tolerance given and safely.

In every case the lesson will be three hours in length as required by the FAR.

Completion standards

Private Pilot Practical Test Standards

And

Outcome of every maneuver never in doubt

Lesson Complete: _____ Date

Lesson two –

Flight with FAA Designated Examiner

Issue Sport Pilot Certificate

Lesson Complete: _____ Date

Total time allocated to each lesson

Phase	Lesson	Dual	Solo	Total
1	1	1		1
	2	1		1
	3	1		1
	4	1		1
	5	1		1
	6	4	0.5	4.5
	7	0.5	1	1.5
	8		1	1
	9	1		1
	10		1	1
Total phase 1		10.5	3.5	14
2	1	1.5		1.5
	2		1.5	1.5
Total phase 2		1.5	1.5	3
3	1	3		3
Total Time		15	5	20

Lesson Complete: _____ Date