westflying

Syllabus | Private Pilot

Part 61

Student: _____ Start Date: _____

Instructor: _____ Certificate # and Exp Date: _____

Flight Training Plan – **Private Pilot**

The table below consolidates the planned lessons and estimated hours needed for a Private Pilot certificate and perform at ACS. This should be used as a baseline. Actual hours needed will be different for each student and directly related to self-dedication and frequency of training. Note: Risk Management and ADM are included on each lesson.

- Stage 1: Learn to fly and acquire proficiency to solo
- Stage 2: Cross-Country flights, proficiency in other airports and flying at night
- Stage 3: Preparation for the checkride (ACS)

	Lesson	Theme	Dual	Solo	Sim. Instr.	Night Flight	Dual XC	Solo XC	Grnd	Attempts		
										1	2	3
STAGE 1	**Lesson 01**	Preflight, Checklist, Taxi, Collision av.	*1.5*						*1.0*			
	Lesson 02	Straight/Level, Climbs, Turns, Descents	*1.5*						*0.5*			
	Lesson 03	Slow flight, Trimming, Practice Area	*1.5*						*0.5*			
	Lesson 04	Power On/Off Stalls, Steep Turns	*1.5*						*0.5*			
	Lesson 05	Instrument flying and scan	*1.5*		*0.3*				*0.5*			
	Lesson 06	Rectangular Course, Radio Comms	*1.5*		*0.3*				*0.5*			
	Lesson 07	S-Turns, Turn Around a Point, Pattern	*1.5*		*0.3*				*0.5*			
	Lesson 08	Normal/X-Wind Takeoff & Landings	*1.5*						*0.5*			
	Lesson 09	Emergencies, Forward Slip, Go Arounds	*1.5*		*0.3*				*0.5*			
	Lesson 10	Review: pre-solo maneuvers & systems	*2.0*		*0.3*				*1.0*			
	Lesson 11	**First Solo**	*1.0*	*0.5*					*2.0*			
STAGE 2	**Lesson 12**	Performance Takeoff & Landings	*1.5*						*0.5*			
	Lesson 13	Navigation Basics, VORs and GPS	*1.5*		*0.3*				*0.5*			
	Lesson 14	Solo (Pattern)		*1.0*					*0.5*			
	Lesson 15	Night Flying	*2.0*			*2.0*			*0.5*			
	Lesson 16	Satellite Airports, Unusual Attitudes	*2.0*		*0.3*				*0.5*			
	Lesson 17	Solo (Practice Area)		*1.5*					*0.5*			
	Lesson 18	Dual Cross Country	*2.0*				*2.0*		*1.0*			
	Lesson 19	Solo (Satellite Airports)		*2.0*					*0.5*			
	Lesson 20	Dual Cross Country at Night	*1.5*			*1.5*	*1.5*		*1.0*			
	Lesson 21	Review: maneuvers and XCountry	*2.0*		*0.3*				*0.5*			
	Lesson 22	**Solo Cross Country**		*2.5*				*2.5*	*1.0*			
STAGE 3	**Lesson 23**	Spin awareness, demonstrated stalls	*1.5*		*0.3*				*0.5*			
	Lesson 24	Solo Cross Country (2nd)		*2.5*				*2.5*	*0.5*			
	Lesson 25	Checkride Preparation	*2.0*		*0.3*				*1.0*			
	Lesson 26	**End-of-Course Check**	*2.0*		*0.3*				*2.0*			
		Totals:	***34.5***	***10.0***	*3.3*	*3.5*	*3.5*	*5.0*	*19.0*			

Stage 1 – **Lesson 01**

Objective	▶ Airplane Familiarization and Controls ▶ Preflight, Checklist, Starting and Taxiing
Completion Standards	▶ Student is able to perform preflight without assistance, proper usage of checklists, able to start the airplane, taxi and operate the controls

Content	Attempts (Dates)		
	1st	2nd	3rd
PAVE and I'M SAFE Checklist			
Airplane Systems			
Preflight Inspection, Squawks, Documents, Weather			
Avionics and Flight Controls			
Positive exchange of Flight Controls			
Checklist usage			
Starting Procedure			
Taxiing (and wind correction)			
Control effects on the ground and in-flight			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Four Basics: Straight and Level, Climbs, Descents, Turns			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 02**

Objective	▶ Proficiency on straight and level, climbs, turns, descents and scanning ▶ Introduction to radio comms. Reinforce checklist usage, taxiing, preflight.
Completion Standards	▶ Understanding of the four basics of flight ▶ Maintain altitude **±200'**, airspeed **±20kts**, heading **±20°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Starting Procedure			
Radio Communications			
Taxiing (and wind correction)			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Straight and Level			
Turns: 90, 180, 360 degrees, and turns to heading			
Climb (and climbing turns)			
Descent (and descending turns): w/ and w/o power and flaps			
Scanning procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 03**

Objective	▶ Proficiency in post-flight, trimming and orientation in the practice area ▶ Introduction to slow flight and turns using the magnetic compass.
Completion Standards	▶ Usage of trimming, knows how to enter/exit slow flight, post-flight w/o help ▶ Maneuvers: altitude **±200'**, airspeed **±20kts**, heading **±20°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Sectional			
Departure Procedures			
Radio Communications			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Outline of the Practice Area in relationship to the airport			
Review of the four basics: straight and level, turns, climb, descent			
Compass Turns, Standard Rate Turns and Timed Turns			
Trimming			
Slow Flight			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 04**

Objective	▶ Proficiency in the usage of sectional. Normal takeoff with little help. ▶ Introduction to Stall avoidance & recovery, and Steep Turns
Completion Standards	▶ Student able to identify and recover from stalls ▶ Maneuvers: altitude **±200'**, airspeed **±20kts**, heading **±20°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Navigation to/from Practice Area (usage of Sectional)			
Four basics: straight and level, turns, climb, descent			
Steep Turns			
Slow Flight			
Power-Off Stall			
Power-On Stall			
Demonstrate secondary stall, elevator trim stall; Spin Awareness			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 05**

Objective	▶ Proficiency in Steep Turns, Slow Flight and Stalls: tightening tolerances ▶ Introduction to Instrument Flying and Instrument Scan
Completion Standards	▶ Perform maneuvers, collision avoidance, sectional/checklist w/ min assist. ▶ Maneuvers: altitude **±150'**, airspeed **±15kts**, heading **±15°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Navigation to/from Practice Area (usage of Sectional)			
Four basics: straight and level, turns, climb, descent			
Steep Turns			
Slow Flight			
Power-Off Stall			
Power-On Stall			
Instrument Scan and Instrument Flying			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 06**

Objective	▶ Proficiency in Radio Comms and Cockpit Management ▶ Introduction to Rectangular Courses
Completion Standards	▶ Ability to communicate on the radio w/o assistance ▶ Maneuvers: altitude **±150'**, airspeed **±15kts**, heading **±15°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Cockpit Management and Light Gun signals			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Navigation to/from Practice Area (usage of Sectional)			
Four basics: straight and level, turns, climb, descent			
Steep Turns			
Slow Flight			
Power-Off Stall			
Power-On Stall			
Rectangular Course			
Instrument Scan and Instrument Flying			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 07**

Objective	▶ Proficiency in the Traffic Pattern operations ▶ Introduction to S-Turns, Turns around a Point, Wake Turbulence avoidance
Completion Standards	▶ Ability to enter/navigate the Traffic Pattern w/ attention to wake turbulence ▶ Maneuvers: altitude **±150'**, airspeed **±15kts**, heading **±15°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Cockpit Management			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Navigation to/from Practice Area (usage of Sectional)			
Instrument Scan and Instrument Flying			
Steep Turns			
Slow Flight			
Power-Off Stall			
Power-On Stall			
Rectangular Course			
S-Turns			
Turns Around a Point			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 08**

Objective	▶ Pattern Work: Proficiency in Normal Takeoff and Landings ▶ Introduction to go-around, aborted takeoff, no-flap and slip to landing
Completion Standards	▶ Proficiency in the traffic pattern ▶ Safe landings with touchdown within the first 1/3 of the runway

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Collision Avoidance Procedures			
Normal Takeoff			
Normal Landings			
Crosswind Takeoff			
Crosswind Landings			
Partial Flap Landings			
No flap Landings			
Slips to Landing			
Go-Around Procedures			
Aborted Takeoff			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 09**

Objective	▶ Proficiency in emergencies and system malfunction. Tightening standards. ▶ Proficiency in go-arounds and forward slips
Completion Standards	▶ Student able to recognize and address emergency situations. ▶ Maneuvers: altitude **±100'**, airspeed **±10kts**, heading **±10°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Instrument Scan and Instrument Flying			
Steep Turns			
Slow Flight			
Power-On/Off Stalls			
Emergencies (Engine out, Simulated forced landing)			
Emergencies (Electrical/Cabin Fire, Low/High Volts, Engine Fire)			
Demonstration: Trim stalls, cross control stalls			
Ground Reference (Rectangular Course, S-Turns, Turn Around a Point)			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 10**

Objective	▶ Prepare for First Solo and **give the student the Pre-Solo Knowledge Test** ▶ Review all maneuvers per §61.87(d)
Completion Standards	▶ Student solo manipulator of controls (coordination) and radios the whole time ▶ Maneuvers: altitude **±100'**, airspeed **±10kts**, heading **±10°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Review Airplane Systems			
Checklist usage			
Radio Communications			
Taxiing			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Four basics: straight and level, turns, climb, descent			
Instrument Scan and Instrument Flying			
Steep Turns			
Slow Flight			
Power-On/Off Stalls			
Emergencies (Engine out, Simulated forced landing)			
Emergencies (Electrical/Cabin Fire, Low/High Volts, Engine Fire)			
Ground Reference (Rectangular Course, S-Turns, Turn Around a Point)			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 1 – **Lesson 11 (First Solo)**

Objective	▶ Sign off the student for solo flight ▶ Perform a Dual Supervised Solo followed by a Solo Flight in the pattern
Completion Standards	▶ Student endorsed for solo flight ▶ At least 3 take offs and 3 landings solo (same flight) in the pattern

Content	Attempts (Dates)		
	1st	2nd	3rd
Ground: Pre-Solo Knowledge Test, Endorsements and Plan for the flight			
Dual Flight (Supervised Solo)			
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Pattern Work: Take-Offs and Landings (3+ without instructor assistance)			
Emergency Procedures			
Slips to Landing			
Go-Around Procedures			
Collision Avoidance Procedures			
Postflight Procedures			
Solo Flight			
PAVE and I'M SAFE Checklist			
Preflight			
Radio Communications			
Taxiing			
Pattern Work: 3 Take-Offs and Landings			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 12**

Objective	▶ Performance Take off and Landings (Short Field and Soft Field) ▶ Proficiency on Takeoff at Vx and Vy (Pattern Work)
Completion Standards	▶ Execution of Short Field and Soft Field take-off and landing safely. ▶ Airspeed **+10/-5 kts** from target airspeed. Short field landing **+200/-0ft**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Collision Avoidance Procedures			
Normal & Crosswind Takeoff and Climb out (Vy)			
Normal & Crosswind Takeoff and Climb out (Vx)			
Short-Field Takeoff and Climb out			
Short-Field Approach and Landing			
Soft-Field Takeoff			
Soft-Field Landing			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 13**

Objective	▶ Introduction to Navigation: Pilotage, Dead Reckoning, VORs and GPS ▶ Student to navigate by multiple types of references
Completion Standards	▶ Able to use VORs, GPS and interpret position and navigate to radio facilities ▶ Maneuvers: altitude **±100'**, airspeed **±10kts**, heading **±10°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Normal & Crosswind Takeoff and Climb out (Vy)			
Collision Avoidance Procedures			
Navigation: Pilotage, Dead Reckoning and GPS			
Navigation: VOR (identify station, radial, intercept, follow bearing)			
Instrument Scan and Instrument Flying			
Steep Turns			
Slow Flight			
Power On/Off Stalls			
Emergency Procedures			
Ground Reference Maneuvers			
Short-Field Takeoff/Landing			
Soft-Field Takeoff/Landing			
Slips to Landing			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✗)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 14 (Second Solo)**

Objective	▶ Student to practice Pattern, Takeoffs and Landings solo ▶ Gain confidence on the controls and radio comms after the initial solo
Completion Standards	▶ At least 3 takeoffs and 3 landings while in the pattern ▶ Able to safely deconflicting traffic and follow ATC instructions

Content	Attempts (Dates)		
	1st	2nd	3rd
PAVE and I'M SAFE Checklist			
Preflight			
Radio Communications			
Taxiing			
Pattern Work: 3 Take-Offs and Landings			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 15 (Night)**

Objective	▶ Introduction to Night Flying and Airport Operations at Night ▶ Demonstrate Night illusions, Pilot-controlled lights, Collision avoidance
Completion Standards	▶ Able taxi, fly (4 fundamentals), takeoff/land at night and recognize risks ▶ At least **7 takeoffs and 7 landings to a full stop** (in the traffic pattern)

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection at Night			
Checklist usage			
Radio Communications			
Cockpit Management			
Taxiing at Night			
Normal & Crosswind Takeoff and Climb out at night			
Collision Avoidance Procedures at Night			
Four basics: straight and level, turns, climb, descent at Night			
Night Navigation & Illusions			
Risk Management & ADM (night considerations)			
Activating Runway Lights (non-towered airport)			
Flying the Pattern at Night			
Go-Around Procedures at Night			
Normal & Crosswind Approach and Landing at Night			
Postflight Procedures at Night			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 16**

Objective	▶ Familiarize the student to satellite airports and refine instrument flying ▶ Prepare for student to solo to other airports within 25 NM
Completion Standards	▶ Proficient flying the pattern, takeoff/landing and comms at a satellite airport ▶ **Student to receive an endorsement to land in a satellite airport**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications at a Satellite Airport			
Taxiing			
Normal & Crosswind Takeoff and Climb out (Vy)			
Collision Avoidance Procedures			
Navigation: Lost Procedures			
Navigation: Diversion			
Instrument Flying: Unusual Attitudes			
Instrument Flying: Stall recovery			
Instrument Flying: Slow Flight			
Navigation: Pilotage, Dead Reckoning and GPS			
Navigation: VOR (identify station, radial, intercept, follow bearing)			
Short-Field Takeoff/Landing at Satellite Airport			
Soft-Field Takeoff/Landing at Satellite Airport			
Flying the Pattern at a Satellite Airport			
Go-Around Procedures at a Satellite Airport			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 17 (Solo Practice Area)**

Objective	▶ Student to practice maneuvers in the practice area solo ▶ Gain confidence on flying solo outside of the vicinity of the airport
Completion Standards	▶ Able to safely get in and out of the airport environment ▶ Able to safely deconflic traffic and follow ATC instructions

Content	Attempts (Dates)		
	1st	2nd	3rd
PAVE and I'M SAFE Checklist			
Preflight			
Radio Communications			
Taxiing			
Maneuvers (at student's discretion)	**Not graded**	**Not graded**	**Not graded**
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 18 (Dual Cross Country)**

Objective	▶ Gain proficiency in Cross Country Operations ▶ Student to create a flight plan and fly it using services available to pilots
Completion Standards	▶ Proper Navlog, flight plan and briefing. Flying within 5min of ETA, 3NM of route ▶ Maintain altitude **±200'**, heading **±15°**, w/ **5min** of ETA, **3NM** of checkpoints

Content	Attempts (Dates)		
	1st	2nd	3rd
Flight and Route Planning, Alternate, Navlog, Risk Management			
Preflight Briefing: Weather, NOTAMs, Performance, Runways, Fuel			
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Normal & Crosswind Takeoff and Climb out (Vy)			
Collision Avoidance Procedures			
Navigation: Pilotage, Dead Reckoning, GPS, Radar Services			
Navigation: VOR (identify station, radial, intercept, follow bearing)			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Normal & Crosswind Approach and Landing			
Ground Operations at Unfamiliar Airport			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 19 (Solo Satellite Airport)**

Objective	▶ Student to navigate solo, fly the pattern, take off and land at satellite airport ▶ Gain confidence on flying solo outside of the vicinity of the home airport
Completion Standards	▶ Able to safely get in and out of the airport environment ▶ Able to safely deconflict traffic and follow ATC instructions

Content	Attempts (Dates)		
	1st	2nd	3rd
PAVE and I'M SAFE Checklist			
Preflight			
Radio Communications			
Taxiing			
Maneuvers (at student's discretion)	Not graded	Not graded	Not graded
Navigate to/from Satellite Airport	**Not graded**	**Not graded**	**Not graded**
Pattern, Takeoff and Landings at Satellite Airport	**Not graded**	**Not graded**	**Not graded**
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 20 (Dual Night X-Country)**

Objective	▶ Gain proficiency in Cross Country Operations at Night ▶ At least **3 takeoff/landings** (add up to 10), at least add up to **3h** of night time
Completion Standards	▶ Proper Navlog, flight plan and briefing. Flying within 5min of ETA, 3NM of route ▶ Maintain altitude **±200'**, heading **±15°**, w/ **5min** of ETA, **3NM** of checkpoints

Content	Attempts (Dates)		
	1st	2nd	3rd
Flight and Route Planning, Alternate, Navlog, Risk Management			
Preflight Briefing: Weather, NOTAMs, Performance, Runways, Fuel			
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Normal & Crosswind Takeoff and Climb out (Vy)			
Collision Avoidance Procedures			
Navigation: Pilotage, Dead Reckoning, GPS, Radar Services			
Navigation: VOR (identify station, radial, intercept, follow bearing)			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Normal & Crosswind Approach and Landing			
Ground Operations at Unfamiliar Airport at Night			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 21**

Objective	▶ Prepare and **Endorse** (if ready) for First Solo Cross Country ▶ Review all maneuvers, Performance Takeoff/Landings and XC Navigation
Completion Standards	▶ Proper Navlog, flight plan and briefing. Flying within 5min of ETA, 3NM of route ▶ Maneuvers: altitude **±100'**, airspeed **±10kts**, heading **±10°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Flight and Route Planning, Alternate, Navlog, Risk Management			
Preflight Briefing: Weather, NOTAMs, Performance, Runways, Fuel			
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications & Taxiing			
Normal & Crosswind Takeoff and Climb out (Vy)			
Collision Avoidance Procedures			
Navigation: Pilotage, Dead Reckoning, GPS, Radar Services, VOR			
Instrument Scan and Instrument Flying **(+Unusual Attitudes)**			
Steep Turns			
Slow Flight			
Power-On/Off Stalls			
Emergencies (Engine out, Simulated forced landing)			
Emergencies (Electrical/Cabin Fire, Low/High Volts, Engine Fire)			
Ground Reference (Rectangular Course, S-Turns, Turn Around a Point)			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Short-Field Takeoff/Landing			
Soft-Field Takeoff/Landing			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 2 – **Lesson 22 (Solo Cross Country)**

Objective	▶ Review flight plan with CFI, **receive endorsement** and fly a X-country solo ▶ Gain confidence on planning and flying to destinations far away
Completion Standards	▶ Able to safely plan and execute a cross-country flight without assistance ▶ **150NM** total distance, full-stop **landing at 3 points**, one segment **50NM+**

Content	Attempts (Dates)		
	1st	2nd	3rd
PAVE and I'M SAFE Checklist			
Flight and Route Planning, Alternate, Navlog, Risk Management			
Preflight Briefing: Weather, NOTAMs, Performance, Runways, Fuel			
Preflight			
Radio Communications			
Taxiing			
Navigation w/ assistance of Flight Following			
Takeoff and Landing at 3 locations			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 3 – **Lesson 23**

Objective	▶ Become aware of different stalls (CFI demonstration only) ▶ Spin Awareness
Completion Standards	▶ Understanding all different scenarios that lead to Spin (+avoidance/recovery) ▶ Maneuvers: altitude **±100'**, airspeed **±10kts**, heading **±10°**

Content	Attempts (Dates)		
	1st	2nd	3rd
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Collision Avoidance Procedures			
Normal & Crosswind Takeoff and Climb out			
Demonstrated Stalls & Spin Awareness			
Power On/Off Stalls			
Steep Turns			
Slow Flight			
Instrument Scan and Instrument Flying			
Short-Field Takeoff and Climb out			
Short-Field Approach and Landing			
Soft-Field Takeoff			
Soft-Field Landing			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 3 – **Lesson 24 (2nd Solo Cross Country)**

Objective	▶ Review flight plan with CFI, **receive endorsement** and fly a X-country solo ▶ Gain confidence on planning and flying to destinations far away
Completion Standards	▶ Able to safely plan and execute a cross-country flight without assistance ▶ At least one segment **50NM+.** Ensure this flight adds up to **min 5h solo XC**

Content	Attempts (Dates)		
	1st	2nd	3rd
PAVE and I'M SAFE Checklist			
Flight and Route Planning, Alternate, Navlog, Risk Management			
Preflight Briefing: Weather, NOTAMs, Performance, Runways, Fuel			
Preflight			
Radio Communications			
Taxiing			
Navigation w/ assistance of Flight Following			
Takeoff and Landing at 3 locations			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 3 – **Lesson 25**

Objective	▶ Practice all maneuvers and review previous lessons in preparation for EOC ▶ Polish flying technique for consistent delivery at ACS standards
Completion Standards	▶ All maneuvers and tasks at ACS standard

Content	Attempts (Dates)		
	1st	2nd	3rd
Flight and Route Planning, Alternate, Navlog, Risk Management			
Preflight Briefing: Weather, NOTAMs, Performance, Runways, Fuel			
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications & Taxiing			
Normal & Crosswind Takeoff and Climb out (Vy)			
Collision Avoidance Procedures			
Navigation: Pilotage, Dead Reckoning, GPS, Radar Services, VOR			
Instrument Scan and Instrument Flying **(+Unusual Attitudes)**			
Steep Turns			
Slow Flight			
Power-On/Off Stalls			
Emergencies (Engine out, Simulated forced landing)			
Emergencies (Electrical/Cabin Fire, Low/High Volts, Engine Fire)			
Ground Reference (Rectangular Course, S-Turns, Turn Around a Point)			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Short-Field Takeoff/Landing			
Soft-Field Takeoff/Landing			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo

Notes (use the back if not enough space)

Stage 3 – **Lesson 26 (End of Course)**

Objective	▶ Simulated Checkride (End-of-Course flight) ▶ Endorsements and recommendation for the FAA practical test if successful
Completion Standards	▶ All maneuvers and tasks at ACS standard **on the first time**

Content	Attempts (Dates)		
	1st	2nd	3rd
Cross Country Preparation			
Preflight Inspection, Squawks, Documents, Weather			
Checklist usage			
Radio Communications			
Taxiing			
Normal & Crosswind Takeoff and Climb out			
Collision Avoidance Procedures			
Cross Country Navigation			
Instrument Scan and Instrument Flying			
Unusual Attitudes (recovery from)			
Steep Turns			
Slow Flight			
Power-Off Stalls			
Power-On Stalls			
Emergencies (Engine out, Simulated forced landing)			
Emergencies (Electrical/Cabin Fire, Low/High Volts, Engine Fire)			
Rectangular Course			
Turn Around a Point			
S-Turns			
Flying the Pattern (and Wake Turbulence + Windshear Avoidance)			
Short-Field Takeoff			
Short-Field Landing			
Soft-Field Takeoff			
Soft-Field Landing			
Slips to Landing			
Go-Around Procedures			
Normal & Crosswind Approach and Landing			
Postflight Procedures			

(✓) Covered, **(✓✓)** At Standard, **(✕)** Needs redo