KING
Private Pilot Syllabus

KING SCHOOLS®

King Schools, Inc.

Private Pilot Syllabus

A Roadmap to Change Your Life Forever

Featuring King Schools:

Private Pilot Ground School and Test Prep Course

Private Pilot Practical Test Course

Special Subject Takeoff Courses

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King Schools Private Pilot Syllabus

RECORD of REVISIONS

Revision Number	***Revision Date***	***Online Date***	***Change Description***
Ver. 1.0	07-12-13	07-12-13	ORIGINAL
Ver. 1.1	12-21-16	12-22-16	Pg. ii, 32-40: Airman Certification Standards replaced Practical Test Standards
Ver. 1.1	12-21-16	12-22-16	Pg. Title, ii-v: Knowledge Test Course renamed Ground School and Test Prep Course
Ver. 1.1	12-21-16	12-22-16	Pg. v: *Communications* renamed *Pilot Communications*; Pg vi: *Radio Navigation* renamed *Electronic Navigation*, *VFR Cross-Country Planning* corrected to *VFR Cross-Country Flying*, *Navigation A to Z* renamed *Airplane Navigation A to Z*; Pg vii: *Weather Wise* renamed *Aviation Weather Wise*

King Schools, Inc.
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To the individual choosing to learn to fly:

You are probably reading this syllabus because you are thinking about, or have already decided to add a significant dimension to your life by becoming a pilot. Whatever your motivation, you will find such undertaking at times seems daunting, but on the whole, it will excite you, provide profound satisfaction, as well as it will emotionally and intellectually stimulate you. You will be joining a unique segment of our population. The very act of piloting an airplane expands your mind and senses like nothing else you've ever experienced.

What is the objective of this syllabus?

The King Schools Private Pilot Syllabus provides a curriculum of instruction for the FAA required aeronautical knowledge areas using King Schools, Inc. courses and a structured flight training program for airplanes leading to a Private Pilot Certificate ("license"). This curriculum is designed for an individual with zero piloting experience to achieve their private pilot certificate in as little as 35 hours of ground instruction and *35 hours of flight instruction.

> *Note: You should be aware that for a variety of valid reasons, the average time needed to complete a private pilot course is 60-90% greater than the 35-flight hour minimum. Longer training times can be attributed to the increasing complexity of airspace near many airports where flight training is offered and interruptions in training while progressing through the curriculum.

This organized sequence of ground and flight lessons build on basic awareness, elementary concepts and skills to achieve the higher level of physical skills, knowledge, and risk management tools. You will gain a keen understanding of the risks associated with flying and learn effective ways to manage those risks giving you a logical path for safe, fun ways to exercise your piloting privileges.

Upon successful completion of this syllabus, as a holder of a Private Pilot certificate, you will be authorized to fly single-engine airplanes carrying passengers during visual flight rules (VFR) weather conditions.

How do I start training using this syllabus?

You may take flight training conforming to this syllabus at a business operating as a flight school or with an independent flight instructor. Flight school businesses may be holders of an FAA Pilot School certificate giving them authorization to offer the 35-hour curriculum. Flight training with independent flight instructors and those flight schools not holding an FAA Pilot School certificate must meet a 40-hour minimum. The King Schools Private Pilot Syllabus conforms to the requirements of the 35 minimum flight hour curriculum, but it is easily adaptable for a program based on 40 minimum flight hours.

FAA certificated Pilot Schools are referred to as "Part 141" schools meaning that they conform to Title 14 of the United States Code of Federal Regulations, Part 141. The FAA approves all Part 141 Pilot Schools and closely monitors the quality of their training program. A Part 141 school using this syllabus must have submitted it as a portion of their Training Course Outline (TCO) and received approval before employing it.

What prerequisites are necessary before starting flight training?

To enroll in a Private Pilot Certification course at a Part 141 Pilot School you must hold one of the following certificates:

- Recreational Pilot Certificate,
- Sport Pilot Certificate, or
- Student Pilot Certificate
  - Before enrolling in the solo flight phase
  - Normally your Student Pilot Certificate is on the reverse side of your medical certificate

What are the steps for becoming a private pilot?

Earning a Private Pilot certificate involves the items listed below. Your instructor can explain each and can answer any question you may have.

- Be at least 17 years old
  - You can start training earlier, but
  - You must be at least 16 years old to fly solo (without an instructor)
- Pass a simple medical exam (3rd Class) with an FAA Designated Aviation Medical Examiner
  - To find the Aviation Medical Examiners in your area: http://www.faa.gov/pilots/amelocator/
- Pass a test on aeronautical knowledge
  - The King Schools *Ground School and Test Prep Course* prepares you for that test
- Complete the required flight training for the course
  - See the table summary on pages ix - xii of this syllabus
- Pass a practical test with a Pilot Examiner
  - Meeting or exceeding the criteria in the FAA Private Pilot Airman Certification Standards
    - A link to the latest downloadable version is provided with the King Schools *Practical Test Course*

How do I start the King Schools Private Pilot curriculum?

Once you have enrolled in your flight training curriculum, you will want to review this syllabus with your flight instructor to establish a schedule and set clear, mutual expectations for your training. Your instructor is there to facilitate your learning, mentor and guide you, keep the training environment safe, and incrementally transfer management of all flight elements to you, so that when you complete your training, you will truly be qualified to be “Pilot-in-Command.”

During your training you will acquire a new set of knowledge unique to aviation and this is accomplished in large part through your ground lessons. You will want to refer to the table on page v, the *Recommended King Course Ground Lesson Schedule* as your guide for study. It provides a sequence the King Schools curriculum materials and pairs topics up with the flight training lessons. These courses also help you prepare for the FAA knowledge test and the oral portion of your FAA practical test. You will want to keep up with or be ahead of the ground lesson schedule to be on track with your flight lessons and be ready at the appropriate time for those tests.

To flight instructors and flight schools using this syllabus:

14 CFR Part 141 Training

The King Schools Private Pilot syllabus incorporates King Schools courses for aeronautical knowledge instruction. Using the *Recommended King Course Ground Lesson Schedule* table starting on page v, the King Schools Knowledge Test and the King Schools Practical Test courses provide the Core Ground Training knowledge curriculum on the required topics satisfying 26.5 hours of the 35-hour minimum. The 15 King Schools single-subject Takeoff Courses noted on the Supplemental Ground Training list offer expanded instruction exceeding the minimum ground training requirements by over 10 hours.

It is anticipated that Part 141 training courses using the King Schools Private Pilot Syllabus will incorporate both the core and supplemental courses (offered in package pricing). If a Part 141 Training Course Outline does not specify the courses on the Supplemental list, it must include lessons to satisfy at least 8.5 hours of additional ground training to ensure the pilot-in-training has the required 35 hours. Each King Schools course tracks the pilot-in-training progress and provides a certificate upon successful completion of each course.

The Course Completion Flight Minimums Table starting on page ix of this syllabus reflects the Flight Training requirements under 14 CFR Part 141 Appendix B of a Private Pilot certification course.

14 CFR Part 61 Training

This syllabus is coordinated with King Schools courses with which you are probably already familiar. The Knowledge Test Course and the Practical Test Course are foundational to this syllabus, and the 15 single-topic *Takeoff Courses* applicable to Private Pilot are highly recommended augmentation. There are package options your client can take advantage of. You and your client should discuss a study schedule to match their goals and flight schedule. You will want to encourage and monitor your client's study so that they are prepared for the tests at the appropriate time without loss of continuity in their training.

Private Pilot Ground School and Test Prep Course:

Ground School for the required aeronautical knowledge areas and the FAA knowledge test. This course may be taken prior to starting the flight training or incrementally thorough it as suggested in the Ground Lesson Schedule on page v.

Private Pilot Practical Test Course:

Ground school preparation for the FAA practical test (oral and in-flight portions). This course is most effective when taken later in the training.

*Takeoff Courses (*Individual single-topic courses)*:*

Each applicable course is listed with a suggested progress point for taking it.

Scenario Based Training

You are encouraged to create and use a realistic scenario for each of these lessons such that your client has an intellectual and emotional investment for every flight. Each scenario will include a plausible reason for making the flight…on that day…at that time. It will also state or imply consequences if the flight is not completed (your wife won't speak to you for a week if you miss her sister's birthday party; this meeting is crucial to your company's future; etc.).

Using such scenarios goes hand-in-hand with the early involvement of your client identifying and managing risks.

Task Grading
You will want to make sure your client clearly understands the objective of each flight and task and the acceptable performance standard for each. The grading for each task/maneuver is either “Meets” indicating the pilot you are training met or exceeded the minimum standard, or “Continue” indicating that the task was either not performed or not performed per the minimum standard. A continued task will then be added to a subsequent lesson.

To avoid unrealistic expectations, make sure your client understands that some tasks are more difficult than others and may require more than one flight to master. It is also helpful they understand that interruptions in the training schedule for weather, personal schedules, etc. can make it necessary to revisit tasks that have been previously mastered.

Learner-Centered Grading
You may want to employ the postflight “learner-centered grading” technique of asking your client to mark and evaluate their performance with each of the tasks on that flight while at the same time you mark your form. You can then use a comparison of the marks for your lesson debrief. It may be very revealing to see where you and your client matched and where you didn’t. This offers the opportunity to discuss the differences. As the instructor, you have the final authority in assigning the grade.

Lesson Completion
Ground training study is tracked within in the individual King Schools courses and each course makes available a printable completion certificate when all the requirements for that course are done. Individual subjects within the King Schools Ground School and Test Prep Course may be documented by printing a screen capture of the course main menu that displays a checkmark and date for a completed subject.

A flight lesson is complete when all the tasks have been graded as meeting or exceeding the task standards and lesson total and sub-category times meet or exceed the minimum listed in the table on pages ix and x. Individual tasks not attempted or not meeting standards within a lesson may be carried over and included in the next lesson within that stage. If there are incomplete tasks in the last lesson within a stage, that lesson must be repeated as necessary to finish all tasks to the standards. If a lesson task requires equipment not available in the aircraft or training device (i.e. autopilot), that task will be noted as not applicable in the training course outline.

Stage Completion
A stage is complete when all the lessons have been completed including progress checks and any specified tests.

RECOMMENDED KING COURSE GROUND LESSON SCHEDULE

If the pilot-in-training does not complete the Knowledge Test Course before beginning flight training, recommend following schedule of ground lessons be done prior to the paired flight lesson. Recommend that the pilot-in-training successfully complete the FAA knowledge test before the first solo cross country. The training times noted account for video instruction and answering questions. Although this schedule applies to both Part 61 and Part 141 courses, the "Pt 141 App B pp" columns identify the paragraphs of Part 141 Appendix B (aeronautical knowledge requirement) covered in those topics.

KTC—refers to the King Schools *Private Pilot Ground School and Test Prep Course* with subject title
PTC—refers to the King Schools *Private Pilot Practical Test Course*
TOC—refers to a King Schools Takeoff Course by title
(D)—refers to "dual" flown with an instructor and logged as "flight training"
(S)—refers to "solo" in which the client is the sole occupant of the aircraft

FLIGHT TRAINING	CORE GROUND TRAINING			SUPPLEMENTAL GROUND TRAINING		
Lessons	**KING SCHOOLS KNOWLEDGE & PRACTICAL TEST COURSES**	**Training Time**	**Pt 141 App B pp**	**KING SCHOOLS TAKEOFF AND RISK MANAGEMENT COURSES**	**Training Time**	**Pt 141 App B pp**
Stage 1:Familiarization and Basic Control						
1-Introduction and Familiarization (D)				TOC *Takeoffs and Landings Made Easy*	1.2	3(b)(7)
2-Exploring Control (D)	KTC *Aerodynamics*	1.3	3(b)(7), (10),(11)			
3-Interpreting the Instruments and Investigating Slow Flight (D)	KTC *Flight Instruments*	0.8	3(b)(10)	TOC *Pilot Communications*	1.8	3(b)(5)
4-Learning About Stalls and Improving Control (D)	KTC *Communications and Radar Services*	0.8	3(b)(5), (7)	TOC *Taming Stalls and Spins*	1.4	3(b)(4)
5-Flying a Desired Path Over the Ground (D)	KTC *Sectional Charts*	0.8	3(b)(4)			
6-Instrument Reference and Progress Check (D)						
Stage 2: Refining Control and Learning to Land						
7-Normal Takeoffs and Landings (D)	KTC *Airspace and Weather Minimums*	2.0	3(b)(1)			
8-Crosswind Takeoffs and Landings (D)	KTC *Flight Operations*	3.3	3(b)(3), (7),(8), (10),(12), (13)(i)			

FLIGHT TRAINING	CORE GROUND TRAINING			SUPPLEMENTAL GROUND TRAINING		
Lessons	**KING SCHOOLS KNOWLEDGE & PRACTICAL TEST COURSES**	**Training Time**	**Pt 141 App B pp**	**KING SCHOOLS TAKEOFF AND RISK MANAGEMENT COURSES**	**Training Time**	**Pt 141 App B pp**
9-Instrument Reference and Landing Proficiency (D)						
10-Dealing with Emergencies (D)	KTC *Federal Aviation Regulations*	2.4	3(b)(1), (2),(7), (13)(i)	TOC *Surviving Your Most Feared Emergencies*	1.1	3(b)(10), (13)(ii)
11-Pre-Solo Progress Check (D)	Take Pre-solo Knowledge Test					
12-First Solo (D/S)						
Stage 3: Expanding Maneuvers and Landings Skills						
13-Review and Solo (D/S)	KTC *Weight and Balance*	1.0	3(b)(9)			
14-Short Field Takeoff and Landing (D)	KTC *Aircraft Performance*	1.4	3(b)(8), (13)(i)			
15-Building Skill with Maneuvers and Landings (S)						
16-Soft Field Takeoff and Landing (D)	KTC *Weather*	3.7	3(b)(6), (13)(i)			
17- Maneuver Practice (S)				TOC *METAR/TAF Made Easy*	1.3	3(b)(6)
Stage 4: Night and Cross Country						
18-Pilotage and DR Cross Country (D)	KTC *Cross Country Planning*	3.1	3(b)(4)	TOC *VFR Cross-Country Flying*	1.9	3(b)(4),(6) (13)(i)(ii)
19-Electronic Navigation (D)	KTC *Electronic Navigation*	1.6	3(b)(4)	TOC Airplane *Navigation From A to Z*	2.2	3(b)(4)
20-All Systems Cross Country (D)						
21-Night Flying (D)				TOC *Night Flying*	0.7	3(b)(7), (12)
22-Pre-Solo Cross Country Progress Check (D)				TOC *Airport Signs, Markings & Procedures*	1.1	3(b)(3)

FLIGHT TRAINING	CORE GROUND TRAINING			SUPPLEMENTAL GROUND TRAINING		
Lessons	**KING SCHOOLS KNOWLEDGE & PRACTICAL TEST COURSES**	**Training Time**	**Pt 141 App B pp**	**KING SCHOOLS TAKEOFF AND RISK MANAGEMENT COURSES**	**Training Time**	**Pt 141 App B pp**
23-First Solo Cross Country (S)	Take FAA Knowledge Test			TOC *Aviation Weather Wise*	0.9	3(b)(6), (13)(i)
24-Night Cross Country (D)				TOC *The Complete Airspace Review*	1.8	3(b)(1)
25-Second Solo Cross Country (S)				TOC *Practical Risk Management for Pilots*	1.3	3(b)(12), (13)(ii)
26-Emergencies and Instrument review (D)				TOC *Surviving Systems Emergencies*	1.8	3(b)(10), (13)(ii)
27-Long Solo Cross Country(S)				TOC *Making Your Own Rules—Personal Minimums*	1.2	3(b)(12)
Stage 5: Earning your certificate						
28-Maneuvers Review (D)				TOC *VFR Regulations Refresher*	1.9	3(b)(1)
29-Maneuvers Practice (S)						
30-Pre-Checkride Instructor Review (D)	PTC (entire course)	4.3				
31-Pre-Checkride Progress Check (D)						
Total KTC & PTC		**26.5**		**Total TOC**	**21.6**	

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Course Completion Flight Training Minimums Tables

This syllabus was designed to be used for a 14 CFR Part 141 FAA certificated Pilot School training course (table pages ix and x) as well as a course meeting the requirements for Part 61 training (table pages xi and xii).

The shaded areas on this table are the minimum times within a flight lesson for a specific training category, that if met or exceeded, will make sure the pilot being trained meets the FAA required minimums for those categories. You will find the applicable FAA total requirements for each category in the last row of the table.

These tables reflect a typical number of flights and the minimum number of hours to complete the FAA time/event requirements. Interruptions in the training schedule for weather, personal schedules, etc. can require additional review to achieve/regain the necessary proficiency.

PART 141

Stage #	Lesson #	Total	Dual	Solo	XC Dual	XC Solo	Night	Night Land	Twr Ldg Solo	Instm't Reference
1	1	0.9	0.9							
	2	0.9	0.9							
	3	1.0	1.0							
	4	1.0	1.0							0.3
	5	0.9	0.9							
	6 ***Prg*** ✓	1.2	1.2							0.3
Stage	Totals	5.9	5.9							0.6
2	7	0.9	0.9							0.3
	8	1.0	1.0							
	9	1.0	1.0							
	10	1.0	1.0							
	11 ***Prg*** ✓	1.2	1.2							0.3
	12	1.0	0.7	0.3						
Stage	Totals	6.1	5.8	0.3						0.6
3	13	1.0		0.3						
	14	0.9	0.9							
	15	0.9		0.9						
	16 ***Prg*** ✓	1.2	1.2							
	17	0.9		0.9					1	
Stage	Totals	4.9	2.8	2.1					1	

Stage #	Lesson #	Total	Dual	Solo	XC Dual	XC Solo	Night Dual	Night Land	Twr Ldg Solo	Instm't Reference
4	18	1.3	1.3		1.3					
	19	1.0	1.0							0.4
	20	1.3	1.3		1.3					
	21	1.4	1.4				1.4	6		0.4
	22 ***Prg*** ✓	1.3	1.3		1.3					
	23	1.3		1.3		1.3				
	24	1.6	1.6		1.6		1.6	4	1	0.3
	25 (Pt 61)	0.0								
	26	1.1	1.1							0.4
	27	1.8		1.8		1.8			1	
Stage	Totals	12.1	9.0	3.1	5.5	3.1	3.0	10	2	1.5
5	28	1.5	1.5							
	29	1.5		1.5						
	30	1.5	1.5							0.3
	31 ***Prg*** ✓	1.5	1.5							0.3
Stage	**Totals**	6.0	4.5	1.5						0.6
Final	**Totals**	35.0	28.0	7.0	5.5	3.1	3.0	10	3	3.3
Pt141	**Min.**	**35**	**20**	**5**	**3**	*	**3**	**10**	**3**	**3**

*141 solo XC: No minimum time. Must be 100 nm, landing at 3 points, one segment >50 nm takeoff to land

PART 61

Stage #	Lesson #	Total	Dual	Solo	XC Dual	XC Solo	Night	Night Land	Twr Ldg Solo	Instm't Reference
1	1	1.0	1.0							
	2	1.0	1.0							
	3	1.1	1.1							
	4	1.1	1.1							0.3
	5	1.0	1.0							
	6 ***Prg*** ✓	1.3	1.3							0.3
Stage	Totals	6.5	6.5							0.6
2	7	1.0	1.0							0.3
	8	1.1	1.1							
	9	1.1	1.1							
	10	1.1	1.1							
	11 ***Prg*** ✓	1.3	1.3							0.3
	12	1.1	0.8	0.3						
Stage	Totals	6.7	6.4	0.3						0.6
3	13	1.1	0.6	0.5						
	14	1.0	1.0							
	15	1.2		1.2						
	16 ***Prg*** ✓	1.2	1.2							
	17	1.4		1.4					1	
Stage	Totals	5.9	2.8	3.1						
4	18	1.3	1.3		1.3					
	19	1.1	1.1							0.4
	20	1.3	1.3		1.3					
	21	1.4	1.4				1.4	6		0.4
	22 ***Prg*** ✓	1.3	1.3		1.3					
	23	1.5		1.5		1.5			1	
	24	1.6	1.6		1.6		1.6	4		0.3
	25	1.6		1.6		1.6				
	26	1.4	1.4							0.4
	27	2.2		2.2		2.2			1	
Stage	Totals	14.7	9.4	5.3	5.5	5.3	3.0	10	2	1.5

Stage #	Lesson #	Total	Dual	Solo	XC Dual	XC Solo	Night Dual	Night Land	Twr Ldg Solo	Instm't Reference
5	28	1.6	1.6							
	29	1.6		1.6						
	30	1.6	1.6							0.3
	31 ***Prg*** ✓	1.6	1.6							0.3
Stage	**Totals**	6.4	4.8	1.6						0.6
Final	**Totals**	40.2	29.9	10.3	5.5	5.3	3.0	10	3	3.3
Pt61	**Min.**	**40**	**20**	**10**	**3**	**5**	**3**	**10**	**3**	**3**

STAGE 1

Familiarization and Basic Control

Objectives:

Learn about basic aerodynamic concepts including stalls and spins, flight instruments, communications and radar services, VFR Charts, and elements of takeoffs and landings. Acquire an understanding of safety precautions, preflight preparation and decisions involved with managing potential flight risks.

Perform with minimal instructor assistance collision avoidance procedures, radio communications, basic visual maneuvers including turns, climbs, descents and straight and level flight and explore control by instrument reference. Also experience the sensations of approaching a stall and making correct recovery control inputs, discover how to correct for wind to achieve desired flight path, gliding, and start making takeoffs and landings.

Complete progress check.

Flight Lesson 1 — **Introduction and Familiarization** — Dual

Objective: Becoming familiar with the airport environment, your aircraft, safety precautions, preflight preparations, basic aircraft control on the ground and in the air, and post flight operations.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Safety Practices, Procedures and Equipment *Understands hazards, door, seat, safety belt, and fire extinguisher operation*		
2		Preflight Inspection, Flight Control and Systems Operation *Observes preflight demo using checklist; understands switch & control functions*		
3		Positive Exchange of Flight Controls *Understands and uses the positive three-step exchange of controls*		
4		Prestart checklist, Engine Starting and Warm-up *Observes prestart checklist, starting and warm up procedures*		
5		Taxiing *Observes demo, with instr assist controls the airplane, observes signs and markings*		
6		Before Takeoff Checks and Engine Runup *Observes pretakeoff checklist and engine runup*		
7		Normal Takeoff and Climb *Observes & is lightly on the controls for instructor's takeoff & initial climb*		
8		Level-off *Observes and is lightly on the controls for instructor's level-off from initial climb*		
9		Checklist Use *Observes instructor use of checklists for all phases of flight*		
10		Collision Avoidance *Observes demo of clearing for traffic during climbs, descents, and before turns*		
11		Trimming *Senses the changes in control pressure and moves trim wheel in the correct direction*		
12		Straight and Level *Notes reference point and altitude changes and initiates corrections*		
13		Demonstration of tendency to maintain straight and level flight *Observes instructor demonstration of pitch and bank stability*		
14		Turn Coordination *With instructor assist applies rudder when starting & stopping turns*		
15		Medium Bank Turns *With assist starts & stops coordinated medium-bank, level altitude turn*		
16		Climbs and Level-off *Observes climb attitude and with instructor assist can establish a climb*		
17		Descents and Level-off *Observes descent attitude and with instructor assist can establish a descent*		
18		Area Familiarization *Observes as instructor directs attention to prominent landmarks and roadways*		
19		Normal Approach and Landing *Observes instructor normal approach and landing demo including checklist use*		
20		After Landing, Taxi and Parking *With instructor assist, completes after-landing checklist, taxi, shutdown & parking*		
21		Post Flight Procedures *Observes postflight inspection and securing demonstration while following checklist*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 2 — **Exploring Control** — Dual

Objective: Start basic communications, apply rudder for turns and power/airspeed changes, combine climbs with turns and make descents with turns, flaps and no power, and build confidence in basic maneuvering.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Preflight Inspection, Flight Control and Systems Operation *With assist, performs preflight inspection with checklist & can explain systems operation*		
2		Safety Equipment and Procedures *Demonstrates door, seat & safety belt operation & can explain fire extinguisher use*		
3		Engine Starting and Warm-up *With instructor assist, completes prestart checklist, engine start & warm-up*		
4		Radio Communications *Turns on & sets up Comm radios copies ATIS, & makes taxi calls using a script*		
5		Taxiing and Runway Incursion Avoidance *Taxies with minimal instructor assist, uses airport diagram, notes signs and markings*		
6		Before Takeoff Checks and Engine Runup *Completes pretakeoff checklist and engine runup with instructor assist*		
7		Normal Takeoff and Climb *Follows lightly on the controls during instructor's takeoff and initial climb*		
8		Level-off *With Instructor assist, levels off at desired altitude ± 300'*		
9		Collision Avoidance *With instructor assist clears traffic during climbs, descents, and before turns*		
10		Turn Coordination *Applies aileron and appropriate rudder & elevator for turns both directions*		
11		Medium Bank Turns *Checks for traffic, starts a medium-bank turn holding ±200' and stops turn ±20°*		
12		Left and Right Turning Tendency *Notes rudder required for lo speed/hi power & hi speed/lo power*		
13		Trimming *Applies trim in the correct direction removing control pressure*		
14		Straight and Level *Picks reference, maintains altitude ± 200' & heading within ±20°*		
15		Climbs and Descents and Level-off With and Without Turns *With assist, adjusts power, pitch & bank to hold ± 10 kts & levels off ± 200' & ±20°*		
16		Descents With and Without Flaps *With instructor assist, starts descent without flaps & extends flaps in increments*		
17		Power Off Descent *Notes attitude for best glide speed, makes turns, & adds power for level flight*		
18		Area Familiarization *Notes prominent, familiar landmarks to and from practice area*		
19		Normal Approach and Landing *Follows checklist & observes instructor demonstration of normal approach and landing*		
20		After Landing, Taxi and Parking *With minimal assist completes after landing checks, taxi using airport diagram and parking*		
21		Post Flight Procedures *Completes postflight inspection and secures the aircraft using checklist*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 3 — **Interpreting the Instruments and Investigating Slow Flight** — Dual

Objective: With minimal assistance, perform before flight operations, basic in-flight control, and post-flight operations. Correlate instruments to outside view and note controls and sensory inputs when flying slowly.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Reviews PAVE checklist with instructor noting fuel, weather conditions & loading*		
2		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *With minimal assist, uses appropriate checklists & performs all ground operations*		
3		Radio Communications *With instructor assist & script, makes taxi, takeoff, & pre-landing calls*		
4		Crosswind Taxi *With minimal assist, notes wind, positons controls to counter the wind effects, uses diagram*		
5		Normal Take Off and Climb *With instructor's assist, performs normal takeoff, climbs ±10 kts, scans for traffic*		
6		Straight and Level *Notes reference point and altitude changes and initiates corrections, ±150' & ±15°*		
7		Turns *Starts and stops shallow & medium bank turns holding altitude ±150' rolling out ±15°*		
8		Climbs and Descents Straight and with Turns *Grasps pitch/airspeed relationship holds ±10 kts, trims, & levels-off within ±100'*		
9		Power Off Descent *Attitude for best glide speed, 180° turns noting altitude loss, & level-off ±100'*		
10		Aileron/Rudder Coordination Exercise *Observes demo & then practices 30° bank side-to-side keeping nose on point*		
11		Straight and Level Using Flight Instruments *Using visual reference, S&L on instruments ±300' ±20° & compare with outside view*		
12		Turns Using Flight Instruments *Left & right med bank turns on instruments ±300' ±20° & compare with outside view*		
13		Climbs and Descents Using Flight Instruments *Initiates climbs and descents on instruments ±15° & compare with outside view*		
14		Flying Slowly *With assist, slows to 1.1VS S&L, shallow turns, note changes in force, response & sound*		
15		Descent at Approach Airspeed in Landing Configuration *With minimal assist descends approach airspeeds/flaps to simulated landing at altitude*		
16		Go-Around Procedures *Observes demo & with assist does go-arounds at altitude (partial and full flaps)*		
17		Area Recognition *Correlates position with prominent local landmarks*		
18		Normal Approach and Landing *Follows lightly on the controls during instructor's normal approach and landing*		
19		After Landing, Taxi, Parking, and Post Flight Procedures *With minimal assist, uses appropriate checklists/diagrams & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 4 — **Learning About Stalls and Improving Control** — Dual

Objective: Learn signs of an approaching stall and how to recover when entered. Increase precision holding altitude, heading, bank, and airspeed in the fundamental maneuvers using visual and instrument reference.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs the PAVE checklist emphasizing conditions, fuel, loading, and pilot factors*		
2		Stall/Spin Awareness *Understands concept of aerodynamic stall & spin, warning signs & need to control yaw*		
3		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Uses appropriate checklists & performs all ground operations*		
4		Crosswind Taxi *Notes wind & positons controls to counter the wind effects*		
5		Radio Communications *With minimal assist & script, makes taxi, takeoff, & pre-landing calls*		
6		Normal and Crosswind Take Off, Departure and Climb *With minimal assist, tracks centerline, normal liftoff, climbs ±10 kts, scans for traffic*		
7		Fundamental Maneuvers Visual Reference *Uses coordinated controls, altitude ±150', heading ±15°, airspeed ±10 kts, bank ±10°*		
8		Fundamental Maneuvers Instrument Reference *Uses coordinated controls, altitude ±250', heading ±20°, airspeed ±10 kts, bank ±15°*		
9		Flying Slowly *With minimal assist, S&L, turns, climbs, & descents at minimum airspeed*		
10		Controlling Roll and Yaw at High Angle of Attack *With instructor assistance, explores rudder use for bank control*		
11		Power-Off Stall *Observes demo and with assist, slows to a power-off stall & recovers at first indiction*		
12		Power-Off Descent *Demo of simulated emergency approach & landing, practice to no lower than 500' AGL*		
13		Aileron/Rudder Coordination Exercise *30° bank side-to-side keeping nose within ±20° of point*		
14		Go-Around Procedures *Practice go-around procedures at altitude (partial and full flaps)*		
15		Collision Avoidance *Aware of high threat areas, scans for traffic in climbs & before turns & maneuvers*		
16		Airport Traffic Pattern *With instructor assist, complies with ATC instructions or non-tower procedures*		
17		Normal and Crosswind Approach and Landing *With instructor assist, completes checklist, configures airplane, flys approach to landing*		
18		After Landing, Taxi, Parking, and Post Flight Procedures *Uses appropriate checklists & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 5 — **Flying a Desired Path Over the Ground** — Dual

Objective: Become aware of the wind's effect on your flight path and learn how to stay on a desired track over the ground. Continue building skill with maneuvers, slow flight and stalls and gain confidence with the radio.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management and Decision Making *Briefs the PAVE checklist and how it relates to decisions involving this flight*		
2		Single Pilot Resource Management *Reviews with instructor resources available to assist the pilot in flight*		
3		Stall/Spin Awareness *Can explain what a stall is, the warning signs, how to recover, & what causes a spin*		
4		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Uses appropriate checklists & performs all ground operations*		
5		Radio Communications *With minimal aids, makes all taxi, takeoff, & pre-landing calls*		
6		Normal and Crosswind Take Off, Departure and Climb *Tracks centerline, normal liftoff, conforms to departure, climbs ±5 kts, scans for traffic*		
7		Fundamental Maneuvers Visual Reference *Uses coordinated controls, altitude ±150', heading ±15°, airspeed ±10 kts, bank ±10°*		
8		Crab *Notes impact of crosswind on ground track & applies a crab angle to stay on track*		
9		Turns Around a Point *Observes demo, notes wind, checks traffic, adjusts bank to correct for wind, ±200'*		
10		Rectangular Course *Notes wind, checks traffic, applies crab for crosswind, adjusts bank in turns, ±200'*		
11		Sideslip *Notes crosswind, uses sideslip to keep heading & track on ground course*		
12		Forward Slip *Uses slip to increase descent rate while keeping track aligned with ground reference*		
13		Power-Off Stall *Checks traffic, slows to a straight power-off stall & recovers at first indication*		
14		Power-On Stall *With assist, takeoff airspeed, adds power, pitches up, recovers at first indication*		
15		Power-Off Descent *Simulated emergency approach & landing to no lower than 500' AGL, ±15 kts*		
16		Go-Around Procedures *Practice go-around procedures at altitude (partial and full flaps), -50'*		
17		Airport Traffic Pattern *With minimal assist, complies with ATC instructions or non-tower procedures, ±150'*		
18		Normal and Crosswind Approach and Landing *With minimal assist, completes checklist, configures airplane, flies approach to landing*		
19		After Landing, Taxi, Parking, and Post Flight Procedures *Uses appropriate checklists & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 6 — **Instrument Reference and Progress Check** — Dual

Objective: Become aware of the wind's effect on your flight path and learn how to stay on a desired track over the ground. Continue building skill with maneuvers, slow flight and stalls and gain confidence with the radio.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs the PAVE checklist discussing risk factors for this flight*		
2		Stall/Spin Awareness *Explains what a stall is, warning signs, how to recover, & what causes a spin*		
3		Preflight Inspection *Conducts thorough preflight inspection using checklist all item are complete*		
4		Safety equipment and procedures *Briefs door, seat, safety belt & fire extinguisher & exchange of controls*		
5		Radio Communications *Makes all taxi, takeoff, & pre-landing calls & understands common instructions*		
6		Startup, Taxiing, and Before Takeoff Checks *Uses appropriate checklists, control positions, speed for taxi, ensures ready for flight*		
7		Normal and Crosswind Takeoff *Uses correct controls, tracks centerline, normal liftoff attitude & airspeed*		
8		Departure and Climb *Complies w/instructions or appropriate non-tower procedures, ±10 kts, scans for traffic*		
9		Collision Avoidance *Clears traffic before turns & in climbs/descents & makes pre-maneuver clearing turns*		
10		Fundamental Visual Maneuvers (Straight & Level, Turns, Climbs, Descents) *Coordinated controls, in trim, alt ±150', hdg ±10°, a/s ±10 kts, bank ±10°*		
11		Basic Instrument Maneuvers (Straight & Level, Turns, Climbs, Descents) *Keeps the airplane upright, coordinated, alt ±250', hdg ±20°, a/s ±10 kts, bank ±15°*		
12		Slow Flight (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±200', hdg ±15°, a/s +15/-0 kts, bank ±10°*		
13		Power-Off Stall *Clears traffic, slows to a straight power-off full stall, recovers*		
14		Power-On Stall *Clears traffic, takeoff airspeed, adds power, pitches up, ball centered, recovers*		
15		Forward Slip (at altitude) *Increases descent rate with a slip maintaining track aligned with ground reference*		
16		Ground Reference Maneuvers *Notes wind, clears traffic, adjusts bank to correct for wind, ±200'*		
17		Go-Around Procedures *Practice go-around procedures at altitude (partial and full flaps), stops descent <30'*		
18		Airport Traffic Pattern *Makes radio calls, complies with ATC instructions or non-tower procedures, alt ±150'*		
19		Normal and Crosswind Approach and Landing *Completes checklist, configures airplane, approach ±10 kts, minimal assist on landing*		
20		After Landing, Taxi, Parking, and Post Flight Procedures *Uses appropriate checklists, safety practices & performs appropriate ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

STAGE 2

Refining Control and Learning to Land

Objectives:

Learn about airspace, weather minimums, reference publications, collision avoidance, wake turbulence, powerplant operations, aircraft systems, Federal Aviation Regulations and applicable NTSB regulations.

Begin steep turns, cross-wind landings, go-arounds, crosswind takeoffs and landings, explore dealing with potential emergencies, expand skills with slow flight, stalls, ground reference maneuvers, and control by Instrument reference.

Complete Pre-solo Knowledge test

Complete Pre-solo progress check.

Complete supervised solo flight

Flight Lesson 7 — **Normal Takeoffs and Landings** — Dual

Objective: Introduce steep turns. Work on normal landings focusing on making consistent approaches with stabilized airspeed and rate of descent. Practice go-arounds from different positions in the landing approach.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Single Pilot Resource Management *Briefs resources available to assist the pilot in flight*		
2		Risk Management *Briefs the PAVE checklist discussing risk factors for this flight*		
3		Stall/Spin Awareness *Briefs stall characteristics & recovery procedure & spin recognition & recovery*		
4		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Appropriate checklists, positions controls for X-wind & performs all ground operations*		
5		Normal and Crosswind Take Off, Departure and Climb *Tracks C/L, smooth liftoff, conforms to procedures, climbs +10/-5 kts, scans for traffic*		
6		Pilotage *Correlates position on chart with prominent local landmarks & airspace*		
7		Steep Turns *Observes demo, 360° turns left and right, alt ±250', hdg ±20°, a/s ±10 kts, bank ±10°*		
8		Slow Flight (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±150', hdg ±10°, a/s +15/-0 kts, bank ±10°*		
9		Power-Off Stall *Clears traffic, power-off full stall, 15° bank turn ±10°, prompt AOA, power & level wings*		
10		Descent at Approach Airspeed in Landing Configuration *Simulated stabilized approach to flare & go-around at altitude, a/s +10/-5 kts*		
11		Rectangular Course *Notes wind, checks traffic, parallel to reference, adjusts bank in turns, ±150'*		
12		S-Turns *Observes demo, notes wind, checks traffic, adjusts bank to correct for wind, ±150'*		
13		Straight and Level and Standard Rate Turns to a Heading (IR) *Under control, coordinated, alt ±200', hdg ±15°, a/s ±10 kts, bank ±10°*		
14		Airport Traffic Pattern *Radio calls, complies with instructions and/or procedures, alt ±100'*		
15		Normal Approach Landing (Full Stop) *Min. 3 landings to full stop, stabilized, +10/-5 kts, lands center 1/3, landing attitude*		
16		Go-Around Procedures *Execute go-arounds from base, final, and start of flare with minimal altitude loss*		
17		After Landing, Taxi, Parking, and Post Flight Procedures *Appropriate checklists, positions controls for X-wind & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 8 — **Crosswind Takeoffs and Landings** — Dual

Objective: Wind drift awareness on landing approach and become comfortable using the wing-down sideslip method for control. Expand proficiency with slow flight, stalls, ground reference maneuvers, and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Single Pilot Resource Management *Briefs resources available for assistance during this flight*		
2		Risk Management *Briefs PAVE checklist flight risk factors including required runway for takeoff & landing*		
3		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraft*		
4		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Appropriate checklists, positions controls for X-wind & performs all ground operations*		
5		Normal and Crosswind Take Off, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
6		Pilotage *Correlates position on chart with prominent local landmarks & airspace*		
7		Steep Turns *Clears area, 360° turns both directions, alt ±200', hdg ±20°, a/s ±10 kts, bank ±10°*		
8		Slow Flight (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±150', hdg ±10°, a/s +15/-0 kts, bank ±10°*		
9		Forward Slip Left and Right (at altitude) *Stable pitch attitude, track aligned with ground reference, recovers at approach a/s*		
10		Ground Reference Maneuvers *Checks for traffic & obstructions, alt ±150', corrects for wind in straight & turning flight*		
11		Demonstration of Faulty Approach and Landing and Corrections *Observes instructor demo of correction & go-around for approach & landing errors*		
12		Normal Approach and Landing *Stabilized, +10/-5 kts, touchdown first 1/3, center 1/3, landing attitude*		
13		Forward Slip to Landing *Low wing into wind, ground track aligned with runway, recovers from slip for flare*		
14		Sideslip Exercise Over Runway *Observes demo, 5-10' above & parallel to runway, sideslip one side to other, go-around*		
15		Crosswind Landing (Full Stop) *Min. 3 , tracks C/L, lands center 1/3, parallel to runway, +10/-5 kts, landing attitude*		
16		Go-Around *Immediate takeoff power, pitch for V_Y, +10/-5, retract flaps, offset as appropriate*		
17		After Landing, Taxi, Parking, and Post Flight Procedures *Appropriate checklists, positions controls for X-wind & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 9 — **Instrument Reference and Landing Proficiency** — Dual

Objective: Building skill controlling the airplane referring only to the instruments and increase proficiency with stabilized landing approaches and consistent landings within safe, acceptable touchdown parameters.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Single Pilot Resource Management *Briefs resources available for assistance during this flight*		
2		Risk Management *Briefs PAVE checklist flight risk factors including weight & balance calculations*		
3		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraft*		
4		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Appropriate checklists, positions controls for X-wind & performs all ground operations*		
5		Normal and Crosswind Take Off, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
6		Single Pilot Resource Management *Briefs resources available to assistance during this flight*		
7		Constant Airspeed Climbs and Descents (IR) *Coordinated, a/s ±10 kts, hdg ±15°, leveloff altitude ±150'*		
8		Steep Turns *Clears area, 360° turns both directions, alt ±150', hdg ±15°, a/s ±10 kts, bank ±10°*		
9		Emergency Approach and Landing (Simulated) at Altitude *Observes demo, assesses situation, best glide ±15 kts, best field, memory items*		
10		Airport Traffic Pattern *Parallel to runway on downwind, crabs with X-wind, conforms to procedures, alt ±100'*		
11		Normal and Crosswind Approach and Landing *Stabilized, +10/-5 kts, touchdown first 1/3, in center 1/3, landing attitude*		
12		No Radio Procedures (Simulated) *NORDO traffic pattern entry & light gun signals for give way, land & taxi .*		
13		Go-Around *Immediately add takeoff power, pitch for V_Y, +10/-5, retract flaps, offset as appropriate*		
14		Rejected Takeoff *Set go/no-go point, idle, maximum braking, maintain directional control*		
15		Forward Slip to Landing *Low wing into wind, ground track aligned with runway, recovers from slip for flare*		
16		Flying without an Airspeed Indicator *Training Pilot's ASI view obstructed, landing apporach using attitude for airspeed*		
17		Flying without an Altimeter *Training Pilot's ALT view obstructed, landing apporach by estimating altitude*		
18		After Landing, Taxi, Parking, and Post Flight Procedures *Appropriate checklists, positions controls for X-wind & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 10 — **Dealing with Emergencies** — Dual

Objective: Review and practice correct procedures for equipment, systems, and engine failure or fire. Improve skill with approaches and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist flight risk factors and plan to mitigate them*		
2		Situational Awareness *Discusses methods of reorienting if temporarily lost in the local area*		
3		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraft*		
4		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Appropriate checklists, positions controls for X-wind & performs all ground operations*		
5		Normal and Crosswind Take Off, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
6		Blocked Pitot System or Static System *Explains indications & procedures*		
7		Primary Flight Display Failure *Explains indications & procedures*		
8		Electrical System Failure *Explains indications & procedures*		
9		Engine Failure (at Altitude) Simulated Landing *Assesses situation, best glide ±10 kts, best field, memory items*		
10		Engine Failure in Climb After Takeoff (at Altitude) *Promptly pitches for best glide, ±10 kts, best field, memory items*		
11		Emergency Descent *Idle, clears area, 30-45° bank, radio call, max speed for configuration and conditions +0/-10 kts*		
12		Engine Fire *Memory items, best glide ±10 kts, best field, emerg approach checklist*		
13		Normal and Crosswind Approach and Landing *Stabilized, +10/-5 kts, no drift, smooth touchdown, first 1/3, center 1/3*		
14		Landing at Tower Controlled or Non-Tower Controlled Airport *Traffic pattern procedures for the situation not yet experienced (if applicable)*		
15		No Flap Landing *Slip as necessary, ±10 kts, no drift, smooth touchdown, first 1/3, center 1/3*		
16		Go-Around *Immediate takeoff power, pitch for VY, +10/-5, flaps up, offset as appropriate*		
17		Rejected Takeoff *Set go/no-go point, idle, maximum braking, maintain directional control*		
18		Forward Slip to Landing *Low wing into wind, track aligned w/runway, smooth recovery to landing first 1/3*		
19		After Landing, Taxi, Parking, and Post Flight Procedures *Appropriate checklists, positions controls for X-wind & performs all ground operations*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 11 — **Pre-Solo Progress Check** — Dual

Objective: Review of overall risk management, relevant knowledge, key maneuvers, and preparedness for solo flight.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Using PAVE checklist briefs risk factors for this flight & how to mitigate them*		
2		Single Pilot Resource Management *Explains resources available for assistance during this flight*		
3		Situational Awareness *Explains methods of reorienting if lost or disoriented*		
4		Stall/Spin Awareness *Explains stall & spin causes, characteristics & recovery procedures*		
5		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraf t*		
6		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
7		Radio Communications *Makes all appropriate calls, understands or requests clarification for instructions*		
8		Collision Avoidance *Clears traffic before all operations on the ground & airborne*		
9		Normal and Crosswind Take Off, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
10		Fundamental Maneuvers VR (Straight & Level, Turns, Climbs, Descents) *Coordinated controls, in trim, alt ±100', hdg ±10°, a/s ±10 kts, bank ±10°*		
11		Fundamental Maneuvers IR (Straight & Level, Turns, Climbs, Descents) *Coordinated controls, altitude ±150', heading ±15°, airspeed ±10 kts, bank ±10°*		
12		Steep Turns *Clears area, 360° L&R, coordinated, alt ±150', hdg ±15°, a/s ±10 kts, bank ±10°*		
13		Slow Flight (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±150', hdg ±10°, a/s +15/-0 kts, bank ±10°*		
14		Power-Off and Power-On Stall *Clears area, full stall, 15° bank turn ±10°, prompt AOA, power & level wings*		
15		Engine Failures at Altitude and in Climb *Assesses situation, best glide ±10 kts, best field, memory items*		
16		Ground Reference Maneuvers *Checks for traffic & obstructions, alt ±150', corrects for wind in straight & turning flight*		
17		Normal and Crosswind Approach and Landing *Stabilized, +10/-5 kts, no drift, smooth touchdown, first 1/3, center 1/3*		
18		No Flap Landing *Slip as necessary, ±10 kts, no drift, smooth touchdown, first 1/3, center 1/3*		
19		Rejected Takeoff *Set go/no-go point, idle, maximum braking, maintain directional control*		
20		Go-Around *Immediate takeoff power, pitch for V_Y, +10/-5, flaps up, offset as appropriate*		
21		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 12 — **First Solo** — Dual/Solo

Objective: (Note: The instructor's pre-solo test must be completed and reviewed prior to this flight.) Review fundamental maneuvers and make three solo takeoffs and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Pre-Solo Aeronautical Knowledge Test *Instructor administers test and reviews all incorrect answers before authorizing solo flight*		
2		Risk Management *Using PAVE checklist briefs risk factors for this flight & how to mitigate them*		
3		Single Pilot Resource Management *Explains resources available for assistance during this flight*		
4		Aircraft Performance and Weight and Balance *Briefs takeoff & landing runway required, climb rate & dual & solo wt & balance*		
5		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
6		Radio Communications *Makes all appropriate calls, understands or requests clarification for instructions*		
7		Collision Avoidance *Clears traffic before all operations on the ground & airborne*		
8		Normal and Crosswind Take Off, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
9		Pilotage to Practice Area *Navigates most suitable route to practice area using chart & landmarks*		
10		Ground Reference Maneuvers *Checks for traffic & obstructions, alt ±150', corrects for wind in straight & turning flight*		
11		Airport Traffic Pattern *Appropriate radio calls, complies with instructions and/or procedures, alt ±100'*		
12		Normal Approach and Landing *Stabilized, +10/-5 kts, no drift, smooth touchdown, first 1/3, center 1/3*		
13		Go-Around *Immediate takeoff power, pitch for V_Y, +10/-5, flaps up, offset as appropriate*		
14		Logbook and Certificate Endorsements *Instructor makes appropriate entries & explains limitations*		
15		Radio Communications (Solo) *Makes all appropriate calls, understands or requests clarification for instructions*		
16		Airport Ground and Taxi Operations (Solo) *Radio calls, complies with instructions and/or procedures*		
17		Normal Takeoff, Climb to Remain in Traffic Pattern (Solo) *Radio calls, complies with instructions and/or procedures, alt ±100'*		
18		Airport Traffic Pattern (Solo) *Appropriate radio calls, complies with instructions and/or procedures, alt ±100'*		
19		Normal Approach and Landing (Solo) *3 landings to full stop*		
20		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

STAGE 3

Expanding Maneuvers and Landings Skills

Objectives:

Learn to calculate weight and balance, predict aircraft performance, and become familiar with weather theory, reports, forecasts, graphical products, and recognition of critical weather hazards.

Build expertise with slow flight, steep turns, stalls, emergencies, ground reference maneuvers, normal landings and forward slips. Explore short field and soft field takeoff and landing techniques.

Complete progress check.

Flight Lesson 13 — **Review and Solo** — Dual/Solo

Objective: Review slow flight, stalls, steep turns, emergencies and landings with your instructor. Fly solo to the practice area for a set of steep turns and return to make three more full-stop landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Using PAVE checklist briefs risk factors for this flight & how to mitigate them*		
2		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraft*		
3		Cockpit Management *Checks safety equipment, all loose items secured, organizes all material to be readily accessible*		
4		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
5		Normal and Crosswind Takeoff, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
6		Engine Failure in Climb After Takeoff (at Altitude) *Promptly pitches for best glide, ±10 kts, best field, memory items*		
7		Pilotage to and from Practice Area *Navigates most suitable route to and from practice area using chart & landmarks*		
8		Slow Flight (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±150', hdg ±10°, a/s +15/-0 kts, bank ±10°*		
9		Power-Off and Power-On Stalls *Clears area, full stall, 15° bank turn ±10°, prompt lower AOA, power & level wings*		
10		Steep Turns *Clears area, 360° turns both directions, alt ±100', a/s ±10 kts, bank ±5°, hdg ±10°*		
11		Engine Fire in Flight, Emergency Descent and Landing (Simulated) *Fire memory items, emerg descent config, best glide ±10 kts, best field, emerg approach checklist*		
12		Normal and Crosswind Approach and Landing *Stabilized, +10/-5 kts, no drift, smooth touchdown, first 1/3, center 1/3*		
13		Forward Slip to Landing *Low wing into wind, ground track aligned with runway, recovers from slip for flare*		
14		Normal Takeoff and Climb (Solo) *Radio calls, X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
15		Pilotage to Practice or Designated Area within 10 NM (Solo) *Navigates most suitable route to practice area using chart & landmarks*		
16		Steep Turns (Solo) *Clears practice area, 360° turns both directions, alt ±100', a/s ±10 kts, bank ±5°, hdg ±10°*		
17		Pilotage from Practice or Designated Area (Solo) *Navigates most suitable route from practice area to airport using chart & landmarks*		
18		Airport Traffic Pattern (Solo) *Appropriate radio calls, complies with instructions and/or procedures, alt ±100'*		
19		Normal Approach and Landing (Solo) *3 landings to full stop*		
20		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 14 — **Short Field Takeoffs and Landings** — Dual

Objective: Learn the maximum performance techniques for taking off and landing at airports with short runways and/or obstructions. Review slow flight, stalls, and ground reference maneuvers.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Calculate Takeoff and Landing Performance *Notes variances with daily high/low temps, uses conservative data & margin for skill/airplane*		
2		Risk Management *Briefs PAVE checklist focusing on performance and runway factors*		
3		Windshear Awareness and Recovery *Explains windshear conditions, indications and recovery procedures*		
4		Stall/Spin Awareness *Explains stall & spin causes, characteristics & recovery procedures*		
5		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
6		Short Field Takeoff and Climb *Observes demo, notes where 50' & 100' AGL, config, lift off a/s per AFM/POH , pitch to V_X*		
7		Engine Failure in Climb After Takeoff (at Altitude) *Promptly pitches for best glide, ±10 kts, best field, memory items*		
8		Slow Flight with Realistic Distractions (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±150', hdg ±10°, a/s +10/-0 kts, bank ±10°*		
9		Power-Off Stall *Clears area, full stall, 15° bank turn ±10°, coordinated, prompt lower AOA, power & level wings*		
10		Power-On Stall *Clears area, full stall, 15° bank turn ±10°, coordinated , prompt lower AOA, power & level wings*		
11		Rectangular Course *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
12		Turns Around a Point *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
13		S-Turns *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
14		Short Field Approach and Landing *Observes demo, stabilized approach +10/-5 kts, touches down +400'/-0', stops in shortest distance*		
15		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 15 — **Building Skill with Maneuvers and Landings** — Solo

Objective: Per your CFI's instructions, go to practice area, and practice steep turns and ground reference maneuvers, and return to practice normal and crosswind takeoffs and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Calculate Takeoff and Landing Performance *Notes variances with daily high/low temps, uses conservative data & margin for skill/airplane*		
2		Calculate Weight and Balance *Notes difference in CG location from dual flights*		
3		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
4		Normal and Crosswind Takeoff, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
5		Pilotage to Practice Area *Navigates most suitable route to practice area using chart & landmarks*		
6		Steep Turns *Clears area, 360° turns both directions, alt ±100', a/s ±10 kts, bank ±5°, hdg ±10°*		
7		Rectangular Course *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
8		Turns Around a Point *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
9		S-Turns *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
10		Pilotage from Practice Area *Navigates most suitable route from practice area to airport using chart & landmarks*		
11		Airport Traffic Pattern *Appropriate entry, radio calls, complies with instructions and/or procedures, alt ±100'*		
12		Forward Slip to Landing *Low wing into wind, ground track aligned with runway, recovers from slip for flare*		
13		Normal Approach and Landing *3 landings to full stop*		
14		Go-Around *Immediate takeoff power, pitch for V_Y, +10/-5, flaps up, offset as appropriate*		
15		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 16 — **Soft Field Takeoffs and Landings and Progress Check** — Dual

Objective: Learn techniques for takeoffs and landings at soft runways. Review slow flight, stalls, S-Turns, Engine Fire and Emergency Approach, and short field takeoffs and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Calculate Takeoff and Landing Performance *Applies factors for soft runway surface, uses conservative data & margin for skill/airplane*		
2		Risk Management *Briefs PAVE checklist focusing on performance and runway factors*		
3		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
4		Taxiing for Soft Field Takeoff *Positions controls X-wind & light nose, clears area, maintains safe speed without stopping*		
5		Soft Field Takeoff and Climb *Planned no-go, controls & config set, earliest possible lift off, ground effect until V_X/V_Y, +10/-5*		
6		Rejected Takeoff *Set go/no-go point, idle, maximum braking, maintain directional control*		
7		Engine Failure in Climb After Takeoff *Promptly pitches for best glide, ±10 kts, best field, memory items*		
8		Slow Flight with Realistic Distractions (Straight & Level, Turns, Climbs, Descents) *Smooth, coordinated controls, alt ±150', hdg ±10°, a/s +10/-0 kts, bank ±10°*		
9		Power-Off Stall *Clears area, full stall, 15° bank turn ±10°, coordinated, prompt lower AOA, power & level wings*		
10		Power-On Stall *Clears area, full stall, 15° bank turn ±10°, coordinated , prompt lower AOA, power & level wings*		
11		Engine Fire in Flight, Emergency Descent and Landing (Simulated) *Fire memory items, emerg descent config, best glide ±10 kts, best field, emerg approach checklist*		
12		S-Turns *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
13		Soft Field Approach and Landing *Observes demo, stabilized approach +10/-5 kts, touches down softly*		
14		Short Field Takeoff and Climb *Briefs no-go, config., lift off & a/s per AFM/POH , pitches to V_X until obstacle cleared*		
15		Short Field Approach and Landing *Stabilized approach +10/-5 kts, touchdown within 400', stops in shortest distance*		
16		Go-Around *Immediate takeoff power, pitch for V_Y, +10/-5, flaps up, offset as appropriate*		
17		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 17 — **Maneuver Practice** — Solo

Objective: Continue gaining proficiency with steep turns, rectangular course, turns around a point, S-turns, forward slips, and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Uses PAVE checklist to identify risk factors for this flight*		
2		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Reviews safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
3		Normal and Crosswind Takeoff, Departure and Climb *X-wind controls, tracks C/L, smooth liftoff, climbs +10/-5 kts, scans for traffic*		
4		Pilotage to Practice Area *Navigates most suitable route to practice area using chart & landmarks*		
5		Steep Turns *Clears area, 360° turns both directions, alt ±100', a/s ±10 kts, bank ±5°, hdg ±10°*		
6		Rectangular Course *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
7		Turns Around a Point *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
8		S-Turns *Checks for traffic & obstructions, alt ±100', corrects for wind in straight & turning flight*		
9		Pilotage from Practice Area *Navigates most suitable route from practice area to airport using chart & landmarks*		
10		Airport Traffic Pattern *Appropriate entry, radio calls, complies with instructions and/or procedures, alt ±100'*		
11		Normal and Crosswind Approach and Landing *Stabilized, +10/-5 kts, no drift, smooth touchdown, target +400'/-0'*		
12		Forward Slip to Landing *Low wing into wind, ground track aligned with runway, recovers from slip for flare*		
13		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

STAGE 4

Night and Cross Country

Objectives:

Learn the elements of cross-country planning, in-flight pilotage and dead reckoning, the use of navigation systems, and procedures for safe night operations. Review airport signs and markings, weather planning, airspace, and systems emergencies. Gain techniques for preflight and in-flight risk management and employing personal minimums.

Exercise pilotage and dead reckoning procedures and the use of electronic systems in cross-country navigation. Become familiar with night operations and review emergencies and control by referring to the flight instruments.

Complete Pre-Solo Cross-Country progress check

Complete the FAA Knowledge test

Complete solo cross-country flights (2 Pt. 141, 3 Pt. 61)

Flight Lesson 18 — **Pilotage and DR Cross Country** — Dual

Objective: Cross-country using pilotage and dead reckoning navigation to an airport more than 50 nm straight-line distance and return. Divert to an alternate when risk management dictates.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist for this flight and use of the CARE checklist during the flight*		
2		Emergency Equipment and Survival Gear *Explains location and use of emergency equipment, evaluates adequacy for this flight*		
3		Weight and Balance and Performance Calculations *Briefs load limits and takeoff/land runway requirements and climb and cruise performance*		
4		Flight Planning *Briefs planned route, checkpoints, alternates, weather, NOTAMS, airspace, terrain, navigation log*		
5		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Correct/accurate steps w/checklists, confirms required fuel load, checks compass*		
6		Short Field Takeoff, Climb and Departure *No-go, config., liftoff a/s per POH/AFM, V_X ± 5 kts until obstacle cleared, turns to heading*		
7		Open Prefiled Flight Plan *Determines correct FSS frequency, establishes contact, opens flight plan*		
8		En Route Cruise *Uses power & mixture settings per POH/AFM, TAS and Fuel Flow planning, hdg ±10°, alt ±100'*		
9		Pilotage *Identifies landmarks by relating surface features to chart symbols, verifies position within 3 nm*		
10		DR and Navigation Log *Records ATA, calculates ETEs , GS, fuel, wind & changes to ETA*		
11		Magnetic Compass *Simulated HI failure, use compass for headings, hdg ±15°*		
12		Cockpit Management *Equipment and materials organized, easily accessible and restrained*		
13		Task Management *Prioritizes and manages tasks by selecting the most appropriate for the moment*		
14		Collision Avoidance *Divides attention among all tasks making sure that looking for traffic is not abandoned*		
15		Lost Procedures *Instructor introduces realistic distractions requiring use of lost procedures for reorientation*		
16		Diversion to an Alternate *Instructor scenario suggests diversion, picks suitable alternate, quick plans hdg, time, & fuel*		
17		Airport Traffic Pattern *Appropriate entry, radio calls, complies with instructions and/or procedures, alt ±100'*		
18		Short Field Approach and Landing *Stabilized approach +10/-5 kts, touchdown within 400', stops in shortest distance*		
19		Soft Field Takeoff, Climb and Departure *No-go, controls/config set, earliest liftoff, ground effect until V_X/V_Y, +10/-5, turns to heading*		
20		Soft Field Approach and Landing *Stabilized approach +10/-5 kts, touches down softly, wt. off nose, maintains crosswind correction*		
21		After Landing, Taxi, Parking, Post Flight Procedures and Refueling *Uses checklists, charts for unfamiliar taxi, ensures correct refueling, closes flight plan*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 19 — **Electronic Navigation** — Dual

Objective: Use VOR and GPS systems for orientation, tracking courses, and an aid for diverting to an alternate. Exercise controlling and navigating using instrument reference, and explore in-flight weather resources.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist for this flight*		
2		Single Pilot Resource Management *Utilizes all available resources during flight*		
3		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Correct/accurate steps w/checklists, confirms required fuel load, checks compass*		
4		Electronic Flight Plan *Enters proscribed flight plan into installed or portable system, checks accuracy, saves*		
5		Soft Field Takeoff and Climb *No-go, controls/config set, earliest liftoff, ground effect until V_X/V_Y, +10/-5*		
6		VOR Orientation and Tracking VR *Tunes & ID, finds radial, fix w/X-radials, intercepts/tracks course To/Fm VOR, station passage*		
7		Localizer Course Intercepting and Tracking *Tunes & ID LOC, intercepts and tracks front and back courses*		
8		GPS Navigation *Activates flight plan, intercepts/track courses, uses Nearest & Direct To for divert*		
9		In-Flight Weather Resources *Accesses all available in-flight resources (FSS, EFAS, HIWAS, ATIS, Cockpit Display)*		
10		Fundamental Maneuvers IR (Straight & Level, Turns, Climbs, Descents) *Coordinated controls, altitude ±150', heading ±15°, airspeed ±10 kts, bank ±10°*		
11		Recovery from Unusual Attitudes IR *Promptly to stabilized, level flight, coordinated, correct control sequence*		
12		Electronic Navigation IR *Course to destination/alternate, intercepts/tracks course, safe altitude ±200', 1/2 deflection*		
13		Federal Airways *Identifies airway on chart, selects course in navigation system, intercepts and tracks course*		
14		Autopilot (if installed) *Conducts preflight test, explains ways to disengage, uses wing leveling, alt/heading hold & nav*		
15		Soft Field Approach and Landing *Stabilized approach +10/-5 kts, touches down softly, wt. off nose, maintains crosswind correction*		
16		After Landing, Taxi, Parking, and Post Flight Procedures *All operations correct & accurate w/checklists, taxi proper speed & controls*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 20 — **All Systems Cross Country** — Dual

Objective: Cross-country using all available navigation systems/advanced equipment. Landing at least 1 airport more than 50 nm straight-line distance from departure equipped with CTAF/Tower opposite of home airport.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist for this flight and use of the CARE checklist during the flight*		
2		Single Pilot Resource Management *Utilizes all available resources during flight*		
3		Weight and Balance and Performance Calculations *Briefs load limits and takeoff/land runway requirements and climb and cruise performance*		
4		Flight Planning *Briefs planned route, checkpoints, alternates, weather, NOTAMS, airspace, terrain, navigation log*		
5		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Correct/accurate steps w/checklists, confirms required fuel load, checks compass*		
6		FSS and ATC Radar Service *Opens flight plan with FSS and contacts appropriate ATC facility for VFR Flight Following*		
7		En Route Cruise *Uses power & mixture settings per POH/AFM, TAS and Fuel Flow planning, hdg ±10°, alt ±100'*		
8		Pilotage and DR *Maintains navigation log, position within 3 nm, ETA or revised ETA within 3 min.*		
9		Magnetic Compass *Simulated HI failure, use compass for headings, hdg ±15°*		
10		Electronic Navigation and Autopilot (if equipped) *At least 1 leg VOR, no more than 1 leg GPS, engage A/P (not more than 5 min.) in cruise*		
11		In-Flight Weather Resources *Checks available in-flight resources en route (FSS, EFAS, HIWAS, ATIS, Cockpit Display)*		
12		Cockpit Management *Equipment and materials organized, easily accessible and restrained*		
13		Task Management *Prioritizes and manages tasks by selecting the most appropriate for the moment*		
14		Collision Avoidance *Divides attention among all tasks making sure that looking for traffic is not abandoned*		
15		Lost Procedures *Instructor introduces realistic distractions requiring use of lost procedures for reorientation*		
16		Diversion to an Alternate *Instructor scenario suggests diversion, picks suitable alternate, quick plans hdg, time, & fuel*		
17		Airport Traffic Pattern *Appropriate entry, radio calls, complies with instructions and/or procedures, alt ±100'*		
18		Soft Field Approach and Landing *Stabilized approach +10/-5 kts, touches down softly, wt. off nose, maintains crosswind correction*		
19		Short Field Takeoff, Climb and Departure *No-go, config., liftoff a/s per POH/AFM, V_X ± 5 kts until obstacle cleared, turns to heading*		
20		Short Field Approach and Landing *Stabilized approach +10/-5 kts, touchdown within 400', stops in shortest distance*		
21		After Landing, Taxi, Parking, Post Flight Procedures and Refueling *Uses checklists, charts for unfamiliar taxi, ensures correct refueling, closes flight plan*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 21 — **Night Flying** — Dual

Objective: Become familiar with flying at night noting loss of outside references for flight attitudes, pilotage and obstacles. Practice night landings with and without landing light. Sharpen instrument flying skills .

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist, focus on pilot rest, aircraft/pilot equipment & weather/moonlight*		
2		Physiological Aspects of Night Flying *Explains vision limitations at night, how to protect night vision, how to scan for traffic*		
3		Single Pilot Resource Management *Discusses differences in resources at night versus day, emergency equipment*		
4		CFIT *Discusses night hazards for Controlled Flight Into Terrain*		
5		Airport Layout and Lighting *Briefs notes, NOTAMs, operating hours, layout and lighting for airports to be used*		
6		Preflight Inspection at Night *Uses good light, correct/accurate steps w/checklists, checks all lights, fuel load, compass*		
7		Night Prestart and Starting *Flashlights readily available, sets cockpit & external lights, uses checklists*		
8		Taxiing at Night *Confirms position w/airport diagram, appropriate speed & lighting, conscious of other aircraft*		
9		Before Takeoff Checks at Night *Brakes locked for runup, correct/accurate steps w/checklists, confirms not moving on mag check*		
10		Night Take Off *Lights set, lineup on C/L, power & airspeed check before no go, smooth rotation to climb attitude*		
11		Climb After Night Takeoff *Climb attitude on AI, positive rate of climb, V_Y ±10 kts, wings level until minimum 400' AGL,*		
12		Night Local Area Navigation *Landmark recognition, electronic navigation aids*		
13		Constant Airspeed Climb IR *Stabilized, coordinated, V_Y ±10 kts, hdg ±15°, level off alt ±200'*		
14		Constant Airspeed Descent IR *Stabilized, coordinated, a/s ±10 kts, hdg ±15°, level off alt ±200'*		
15		180° Level Turn IR *Stabilized, coordinated, alt ±200', airspeed ±10 kts, standard rate turn bank ±10°, hdg ±15°*		
16		Recovery from Unusual Attitudes IR *Promptly to stabilized, level flight, coordinated, correct control sequence*		
17		Night Approach and Landing *Pattern alt ±100', hdg ±10°, stabilized approach, a/s +10/-5 kts, 6 full stop (2 landing light off)*		
18		Night Go-Around *Immediate takeoff power, pitch on AI for V_Y, airspeed +10/-5 kts, flaps up per POH*		
19		Night Taxiing, Parking, Securing and Post Flight Procedures *Confirms position w/airport diagram, conscious of lights on other aircraft, uses checklists.*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 22 — **Pre-Solo Cross Country Progress Check** — Dual

Objective: Review of planning, navigation, and risk management skills on a cross-country to an airport more than 50 nm straight-line distance. Also a review of short and soft field takeoff and landing techniques.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist including W&B, fuel, & performance, use of the CARE checklist in-flight*		
2		Emergency Equipment and Survival Gear *Explains location and use of emergency equipment, evaluates adequacy for this flight*		
3		Single Pilot Resource Management *Briefs planned use of available resources during flight*		
4		Flight Planning *Briefs planned route, checkpoints, alternates, weather, NOTAMS, airspace, terrain, navigation log*		
5		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Correct/accurate steps w/checklists, confirms required fuel load, checks compass*		
6		Short Field Takeoff, Climb and Departure *No-go, config., liftoff a/s per POH/AFM, V_X ± 5 kts until obstacle cleared, turns to heading*		
7		FSS and ATC Radar Service *Opens flight plan with FSS and contacts appropriate ATC facility for VFR Flight Following*		
8		En Route Cruise *Uses power & mixture settings per POH/AFM, TAS and Fuel Flow planning, hdg ±10°, alt ±100'*		
9		Navigation (DR, Pilotage, VOR and GPS) *Keeps nav log, uses DR, pilotage & electronic nav, track within 2 nm of course, ETA ±3 min*		
10		Cockpit Management *Equipment and materials organized, easily accessible and restrained*		
11		Task Management *Prioritizes and manages tasks by selecting the most appropriate for the moment*		
12		Collision Avoidance *Divides attention among all tasks making sure that looking for traffic is not abandoned*		
13		Heading Indicator Failure *Simulated HI failure, use compass for headings, hdg ±10°*		
14		Electrical Failure *Simulated emergency, reverts to DR & pilotage, decides go to destination, alternate, or return*		
15		Lost Procedures *Instructor introduces realistic distractions requiring use of lost procedures for reorientation*		
16		Diversion to an Alternate *Scenario suggests diversion, picks suitable alternate, quick plans hdg, time, & fuel, advises ATC*		
17		Short Field Approach and Landing *Stabilized approach +10/-5 kts, touchdown within 400', stops in shortest distance*		
18		Soft Field Takeoff, Climb and Departure *No-go, controls/config set, earliest liftoff, ground effect until V_X/V_Y, +10/-5, turns to heading*		
19		Soft Field Approach and Landing *Stabilized approach +10/-5 kts, touches down softly, wt. off nose, maintains crosswind correction*		
20		No Flap Landing *Slip as necessary, ±10 kts, no drift, smooth touchdown, first 500'*		
21		After Landing, Taxi, Parking, Post Flight Procedures and Refueling *Uses checklists, charts for unfamiliar taxi, ensures correct refueling, closes flight plan*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 23 — **First Solo Cross Country** — Solo

Objective: Take your first solo cross country and land at an airport more than 50 nm straight-line distance from departure. Navigate with DR and pilotage as well as electronic systems. Keep a complete navigation log.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		FAA Knowledge Test *Completed with passing score*		
2		Logbook and Certificate Endorsements and Required Documents *Understands the required endorsements, student pilot privileges & specific instructor restrictions*		
3		Route Briefing *Briefs route, checkpoints, airspace, terrain, boundaries, cross-checks, altitudes, VORs, alternates*		
4		Weather briefing *Departure, en route, destination & alternates (current & forecast), NOTAMS, what ifs for delays*		
5		Destination/Alternates Facilities *Briefs ATC or CTAF procedures/frequencies, runways, taxiways, servicing, NavAids, NOTAMS*		
6		Navigation Plan *Briefs charts & pubs (current), methods of navigation, nav log, times, fuel reserves*		
7		Risk Management *Briefs the PAVE checklist and how to employ the CARE checklist en route*		
8		Single Pilot Resource Management *Briefs resources available for assistance in and outside the cockpit including en route weather*		
9		Lost Procedures *Briefs steps to follow if unsure of position*		
10		Weight and Balance and Performance *Briefs takeoff & landing W&B, takeoff & landing runway required, power settings & performance*		
11		Emergency Equipment and Survival Gear *Explains location and use of emergency equipment & its adequacy for this flight*		
12		Emergency Operations *Briefs what ifs of engine failure, engine fire, rough engine, electrical failure, NORDO*		
13		FSS and ATC Radar Service *Files, opens & closes flight plan with FSS , employs VFR Flight Following (if available)*		
14		Flight to Airport More Than 50 NM Straight Line Distance *Full stop normal landing, refueling (as necessary), weather briefing, return to home airport*		
15		After Landing, Taxi, Parking, Post Flight Procedures and Refueling *Uses checklists, charts for unfamiliar taxi, ensures correct refueling, closes flight plan*		
16		Postflight Navigation Log and Conditions Review *Briefs instructor on planned versus actual GS, ETE, fuel used, track, airport operations & weather*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 24 — **Night Cross Country** — Dual

Objective: Night cross-country over 100 nm total distance landing at an airport more than 50 nm straight-line distance from departure. Use all systems of navigation and review instruments and emergencies.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist including W&B, fuel, & performance, use of the CARE checklist in-flight*		
2		Single Pilot Resource Management *Briefs resources available for assistance in and outside the cockpit including en route weather*		
3		Physiological Aspects of Night Flying *Explains vision limitations at night, how to protect night vision, how to scan for traffic*		
4		Emergency Equipment and Survival Gear *Explains location and use of emergency equipment & its adequacy for this flight*		
5		Route Briefing *Briefs route, night visible checkpoints, airspace, terrain, boundaries, altitudes, VORs, alternates*		
6		Weather briefing *Departure, en route, destination & alternates (current & forecast), NOTAMS, what ifs for delays*		
7		Destination/Alternates Facilities *Briefs ATC or CTAF proced/freq, runways, taxiways, lighting, servicing, NavAids, NOTAMS*		
8		CFIT *Discusses night hazards on this route for Controlled Flight Into Terrain*		
9		Night Preflight Inspection and Startup *Correct/accurate steps w/checklists, uses good light, confirms required fuel load, preps cockpit*		
10		Night Taxiing and Before Takeoff Checks *Checks instruments and compass, controlled taxi using airport diagram, correct steps w/checklists*		
11		Night Take Off and Climb *Lights, on C/L, pwr & a/s check, climb attitude, positive climb, V_Y ±10 kts, wings level <400' AGL*		
12		FSS and ATC Radar Service *Files, opens & closes flight plan with FSS, employs VFR Flight Following (if available)*		
13		Navigation (DR, Pilotage, VOR and GPS) *Keeps nav log, uses DR, pilotage & electronic nav, track within 3 nm of course, ETA ±3 min*		
14		Collision Avoidance *Divides attention among all tasks making sure that looking for traffic is not abandoned*		
15		Controlling by Flight Instruments (180° Turn and Electronic Navigation) *Alt ±200', airspeed ±10 kts, standard rate turn bank ±10°, hdg ±15°, CDI 1/2 deflection*		
16		Lost Procedures *Instructor introduces realistic distractions requiring use of lost procedures for reorientation*		
17		Diversion to an Alternate *Scenario suggests diversion, picks suitable alternate, quick plans hdg, time, & fuel, advises ATC*		
18		Emergency Operations *Simulated rough engine, electrical failure, heading indicator failure, radio failure*		
19		Night Approach and Landing *Pattern alt ±100', hdg ±10°, stabilized approach, a/s +10/-5 kts, 6 full stop (2 landing light off)*		
20		Night Go-Around *Immediate takeoff power, pitch on AI for V_Y, airspeed +10/-5 kts, flaps up per POH*		
21		Night Taxiing, Parking, Securing and Post Flight Procedures *Confirms position w/airport diagram, conscious of lights on other aircraft, uses checklists.*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 25 — **Second Solo Cross Country** — Solo

Objective: Solo cross country to an airport more than 50 nm straight-line distance from departure. Navigate with DR, Pilotage and electronic systems. Keep a complete navigation log.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Logbook and Certificate Endorsements and Required Documents *Understands the required endorsements, student pilot privileges & specific instructor restrictions*		
2		Route Briefing *Briefs route, checkpoints, airspace, terrain, boundaries, cross-checks, altitudes, VORs, alternates*		
3		Weather briefing *Departure, en route, destination & alternates (current & forecast), NOTAMS, what ifs for delays*		
4		Destination/Alternates Facilities *Briefs ATC or CTAF procedures/frequencies, runways, taxiways, servicing, NavAids, NOTAMS*		
5		Navigation Plan *Briefs charts & pubs (current), methods of navigation, nav log, times, fuel reserves*		
6		Risk Management *Briefs the PAVE checklist and how to employ the CARE checklist en route*		
7		Single Pilot Resource Management *Briefs resources available for assistance in and outside the cockpit including en route weather*		
8		Lost Procedures *Briefs steps to follow if unsure of position*		
9		Weight and Balance and Performance *Briefs takeoff & landing W&B, takeoff & landing runway required, power settings & performance*		
10		Emergency Equipment and Survival Gear *Explains location and use of emergency equipment & its adequacy for this flight*		
11		Emergency Operations *Briefs what ifs of engine failure, engine fire, rough engine, electrical failure, NORDO*		
12		FSS and ATC Radar Service *Files, opens & closes flight plan with FSS for each leg, employs VFR Flight Following (if available)*		
13		Flight to Airport More Than 50 NM Straight Line Distance *Full stop normal landing, refueling (as necessary), weather briefing, return to home airport*		
14		After Landing, Taxi, Parking, Post Flight Procedures and Refueling *Uses checklists, charts for unfamiliar taxi, ensures correct refueling, closes flight plan*		
15		Postflight Navigation Log and Conditions Review *Briefs instructor on planned versus actual GS, ETE, fuel used, track, airport operations & weather*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 26 — **Emergencies and Instrument Review** — Dual

Objective: Review emergency procedures for dealing with in-flight system failures. Strengthen control and navigation skills in simulated instrument conditions and practice using the autopilot during inadvertent IMC.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist and CARE checklist focusing on preparedness for in-flight equipment failures*		
2		Single Pilot Resource Management *Briefs planned use of available resources during emergencies*		
3		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Briefs safety items, correct/accurate steps w/checklists, proper taxi speed & controls*		
4		Short Field Takeoff, Climb and Departure *No-go, config., liftoff a/s per POH/AFM, V_X ± 5 kts until obstacle cleared*		
5		Soft Field Takeoff and Climb *No-go, controls/config set, earliest liftoff, ground effect until V_X/V, ± 5 kts*		
6		Rejected Takeoff *Set go/no-go point, idle, maximum braking, maintain directional control*		
7		Engine Failure in Climb After Takeoff *Promptly pitches for best glide, ±10 kts, best field, memory items*		
8		Engine Fire in Flight, Emergency Descent and Landing (Simulated) *Fire memory items, emerg descent config, best glide ±10 kts, best field, emerg approach checklist*		
9		Constant Airspeed Climb IR *Stabilized, coordinated, V_Y ±5 kts, hdg ±10°, level off alt ±100'*		
10		Constant Airspeed Descent IR *Stabilized, coordinated, a/s ±5 kts, hdg ±10°, level off alt ±100'*		
11		180° Level Turn IR *Stabilized, coordinated, alt ±150', airspeed ±10 kts, standard rate turn bank ±5°, hdg ±10°*		
12		Electronic Navigation IR *Tunes, selects course, alt ±150', airspeed ±10 kts, hdg ±10°, CDI 1/2 deflection*		
13		Recovery from Unusual Attitudes IR *Promptly to stabilized, level flight, coordinated, correct control sequence*		
14		Autopilot (if installed) IR *Preflight test, in simulated IMC engages wing leveling, alt & heading/nav hold to return to VMC*		
15		Electrical Failure *Simulated emergency, reverts to DR & pilotage, decides go to destination, alternate, or return*		
16		Emergency Communications and ATC Resources *Explain emergency communication procedures for requesting ATC assistance*		
17		Short Field Approach and Landing *Stabilized approach ±5 kts, touchdown within 400', stops in shortest distance*		
18		Soft Field Approach and Landing *Stabilized approach ±5 kts, touches down softly, wt. off nose, maintains crosswind correction*		
19		No Flap Landing *Slip as necessary, ±10 kts, no drift, smooth touchdown, first 500'*		
20		After Landing, Taxi, Parking, and Post Flight Procedures *Uses checklists, complete/accurate*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 27 — **Long Solo Cross Country** — Solo

Objective: Solo cross-country flight of at least 150 nm total distance (at least 100 nm Pt. 141) with landings at three points. One segment must be greater than 50 nm straight-line distance between takeoff and landing.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Logbook and Certificate Endorsements and Required Documents *Understands the required endorsements, student pilot privileges & specific instructor restrictions*		
2		Route Briefing *Briefs route, checkpoints, airspace, terrain, boundaries, cross-checks, altitudes, VORs, alternates*		
3		Weather briefing *Departure, en route, destinations & alternates (current & forecast), NOTAMS, what ifs for delays*		
4		Destinations/Alternates Facilities *Briefs ATC or CTAF procedures/frequencies, runways, taxiways, servicing, NavAids, NOTAMS*		
5		Navigation Plan *Briefs charts & pubs (current), methods of navigation, nav log, times, fuel reserves*		
6		Risk Management *Briefs the PAVE checklist and how to employ the in-flight CARE checklist*		
7		Single Pilot Resource Management *Briefs resources available for assistance in and outside the cockpit including en route weather*		
8		Lost Procedures *Briefs steps to follow if unsure of position*		
9		Weight and Balance and Performance *Briefs takeoff & landing W&B, takeoff & landing runway required, power settings & performance*		
10		Emergency Equipment and Survival Gear *Explains location and use of emergency equipment & its adequacy for this flight*		
11		Emergency Operations *Briefs what ifs of engine failure, engine fire, rough engine, electrical failure, NORDO*		
12		FSS and ATC Radar Service *Files, opens & closes flight plan with FSS for each leg, employs VFR Flight Following (if available)*		
13		En Route Landings *Full stop landing each destination, refueling (as necessary), weather briefing*		
14		After Landing, Taxi, Parking, Post Flight Procedures and Refueling *Uses checklists, charts for unfamiliar taxi, ensures correct refueling, closes flight plan*		
15		Postflight Navigation Log and Conditions Review *Briefs instructor on planned versus actual GS, ETE, fuel used, track, airport operations & weather*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

STAGE 5

Earning your Certificate

Objectives:

Learn about the Airman Certification Standards and the role they will play in your practical test. Review Federal Aviation Regulations applicable to a Private Pilot in VFR operations.

Review and perform all the appropriate maneuvers of the current Private Pilot Airman Certification Standards at or exceeding the designated standards.

Complete Pre-Checkride progress check

Complete the Private Pilot Practical Test

Flight Lesson 28 — **Maneuvers Review** — Dual

Objective: Refine your skills with the Private Pilot tasks of steep turns, slow flight, stalls, ground reference maneuvers, emergencies, forward slips, and cross-wind, short field, and soft field takeoffs and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist for this flight*		
2		Stall/Spin Awareness *Private Pilot Airman Certification Standards*		
3		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Private Pilot Airman Certification Standards*		
4		Crosswind Takeoff and Climb *Private Pilot Airman Certification Standards*		
5		Soft-Field Takeoff and Climb *Private Pilot Airman Certification Standards*		
6		Short-Field Takeoff and Climb *Private Pilot Airman Certification Standards*		
7		Steep Turns *Private Pilot Airman Certification Standards*		
8		Maneuvering During Slow Flight *Private Pilot Airman Certification Standards*		
9		Power-Off Stalls *Private Pilot Airman Certification Standards*		
10		Power-On Stalls *Private Pilot Airman Certification Standards*		
11		Emergency Approach and Landing (Simulated) *Private Pilot Airman Certification Standards*		
12		Systems and Equipment Malfunctions *Private Pilot Airman Certification Standards*		
13		Rectangular Course *Private Pilot Airman Certification Standards*		
14		S-Turns *Private Pilot Airman Certification Standards*		
15		Turns Around a Point *Private Pilot Airman Certification Standards*		
16		Crosswind Approach and Landing *Private Pilot Airman Certification Standards*		
17		Soft-Field Approach and Landing *Private Pilot Airman Certification Standards*		
18		Short-Field Approach and Landing *Private Pilot Airman Certification Standards*		
19		Go-Around/Rejected Landing *Private Pilot Airman Certification Standards*		
20		Forward Slip to Landing *Private Pilot Airman Certification Standards*		
21		After Landing, Taxi, Parking and Post Flight Procedures *Private Pilot Airman Certification Standards*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 29 — **Maneuvers Practice** — Solo

Objective: Practice the Private Pilot tasks of steep turns, slow flight, stalls, ground reference maneuvers, emergencies, forward slips, and cross-wind, short field, and soft field takeoffs and landings.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Risk Management *Briefs PAVE checklist for this flight*		
2		Preflight Inspection, Startup, Taxiing, and Before Takeoff Checks *Private Pilot Airman Certification Standards*		
3		Normal and Crosswind Takeoff and Climb *Private Pilot Airman Certification Standards*		
4		Soft-Field Takeoff and Climb *Private Pilot Airman Certification Standards*		
5		Short-Field Takeoff and Climb *Private Pilot Airman Certification Standards*		
6		Steep Turns *Private Pilot Airman Certification Standards*		
7		Maneuvering During Slow Flight *Private Pilot Airman Certification Standards*		
8		Power-Off Stalls *Private Pilot Airman Certification Standards*		
9		Rectangular Course *Private Pilot Airman Certification Standards*		
10		S-Turns *Private Pilot Airman Certification Standards*		
11		Turns Around a Point *Private Pilot Airman Certification Standards*		
12		As Assigned by Instructor *Private Pilot Airman Certification Standards*		
13		Normal and Crosswind Approach and Landing *Private Pilot Airman Certification Standards*		
14		Soft-Field Approach and Landing *Private Pilot Airman Certification Standards*		
15		Short-Field Approach and Landing *Private Pilot Airman Certification Standards*		
16		Forward Slip to Landing *Private Pilot Airman Certification Standards*		
17		After Landing, Taxi, Parking and Post Flight Procedures *Private Pilot Airman Certification Standards*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 30-1 — **Pre-Checkride Instructor Review** — Dual

Objective: Review all Private Pilot tasks with your instructor making sure that all meet/exceed the Airman Certification Standards.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Airman Certification Standards *Introduction (Special Emphasis Areas), Applicant's Checklist & Areas of Operation and Tasks*		
2		Single-Pilot Resource Management *Private Pilot Airman Certification Standards*		
3		Risk Management *Private Pilot Airman Certification Standards*		
4		Aeronautical Decision-Making *Private Pilot Airman Certification Standards*		
5		Task Management *Private Pilot Airman Certification Standards*		
6		Situational Awareness *Private Pilot Airman Certification Standards*		
7		Controlled Flight into Terrain (CFIT) *Private Pilot Airman Certification Standards*		
8		Automation Management *Private Pilot Airman Certification Standards*		
9		Positive Exchange of Flight Controls *Explains and uses the positive three-step exchange of controls*		
10		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraft*		
11		Land and Hold Short Operations (LAHSO) *Explains where to find if an airport uses LAHSO, procedures, restrictions & options*		
12		Runway Incursion Avoidance *Private Pilot Airman Certification Standards*		
13		Certificates and Documents *Private Pilot Airman Certification Standards*		
14		Airworthiness Requirements *Private Pilot Airman Certification Standards*		
15		Weather Information *Private Pilot Airman Certification Standards*		
16		Cross-Country Flight Planning *Private Pilot Airman Certification Standards*		
17		National Airspace System *Private Pilot Airman Certification Standards*		
18		Performance and Limitations *Private Pilot Airman Certification Standards*		
19		Operation of Systems *Private Pilot Airman Certification Standards*		
20		Aeromedical Factors *Private Pilot Airman Certification Standards*		
21		Preflight Inspection *Private Pilot Airman Certification Standards*		
22		Cockpit Management *Private Pilot Airman Certification Standards*		
23		Engine starting *Private Pilot Airman Certification Standards*		
24		Taxiing *Private Pilot Airman Certification Standards*		

Flight Lesson 30-2 — **Pre-Checkride Instructor Review pg 2** — Dual

Objective: Review all Private Pilot tasks with your instructor making sure that all meet/exceed the Airman Certification Standards.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
25		Before Takeoff Check *Private Pilot Airman Certification Standards*		
26		Radio Communications and ATC Light Signals *Private Pilot Airman Certification Standards*		
27		Traffic Patterns *Private Pilot Airman Certification Standards*		
28		Airport, Runway and Taxiway Signs, Markings and Lighting *Private Pilot Airman Certification Standards*		
29		Normal and Crosswind Takeoff and Climb *Private Pilot Airman Certification Standards*		
30		Normal and Crosswind Approach and Landing *Private Pilot Airman Certification Standards*		
31		Soft-Field Takeoff and Climb *Private Pilot Airman Certification Standards*		
32		Soft-Field Approach and Landing *Private Pilot Airman Certification Standards*		
33		Short-Field Takeoff and Maximum Performance Climb *Private Pilot Airman Certification Standards*		
34		Short-Field Approach and Landing *Private Pilot Airman Certification Standards*		
35		Forward Slip to a Landing *Private Pilot Airman Certification Standards*		
36		Go-Around/Rejected Landing *Private Pilot Airman Certification Standards*		
37		Steep Turns *Private Pilot Airman Certification Standards*		
38		Rectangular Course *Private Pilot Airman Certification Standards*		
39		S-Turns *Private Pilot Airman Certification Standards*		
40		Turns Around a Point *Private Pilot Airman Certification Standards*		
41		Pilotage and Dead Reckoning *Private Pilot Airman Certification Standards*		
42		Navigation Systems and Radar Services *Private Pilot Airman Certification Standards*		
43		Diversion *Private Pilot Airman Certification Standards*		
44		Lost Procedures *Private Pilot Airman Certification Standards*		
45		Maneuvering During Slow Flight *Private Pilot Airman Certification Standards*		
46		Power-Off Stalls *Private Pilot Airman Certification Standards*		
47		Power-On Stalls *Private Pilot Airman Certification Standards*		
48		Spin Awareness *Private Pilot Airman Certification Standards*		

Flight Lesson 30-3 — **Pre-Checkride Instructor Review pg 3** — Dual

Objective: Review all Private Pilot tasks with your instructor making sure that all meet/exceed the Airman Certification Standards.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
49		Straight-and-Level Flight IR *Private Pilot Airman Certification Standards*		
50		Constant Airspeed Climbs IR *Private Pilot Airman Certification Standards*		
51		Constant Airspeed Descents IR *Private Pilot Airman Certification Standards*		
52		Turns to Headings IR *Private Pilot Airman Certification Standards*		
53		Recovery from Unusual Flight Attitudes IR *Private Pilot Airman Certification Standards*		
54		Radio Communications, Navigation Systems/Facilities and Radar Services *Private Pilot Airman Certification Standards*		
55		Emergency Descent *Private Pilot Airman Certification Standards*		
56		Emergency Approach and Landing (Simulated) *Private Pilot Airman Certification Standards*		
57		Systems and Equipment Malfunctions *Private Pilot Airman Certification Standards*		
58		Emergency Equipment and Survival Gear *Private Pilot Airman Certification Standards*		
59		Night Preparation *Private Pilot Airman Certification Standards*		
60		After Landing, Parking and Securing *Private Pilot Airman Certification Standards*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

Flight Lesson 31-1 — **Pre-Checkride Progress Check** — Dual

Objective: Review all Private Pilot tasks with a progress check instructor making sure that all meet/exceed the Airman Certification Standards.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
1		Airman Certification Standards *Introduction (Special Emphasis Areas), Applicant's Checklist & Areas of Operation and Tasks*		
2		Single-Pilot Resource Management *Private Pilot Airman Certification Standards*		
3		Risk Management *Private Pilot Airman Certification Standards*		
4		Aeronautical Decision-Making *Private Pilot Airman Certification Standards*		
5		Task Management *Private Pilot Airman Certification Standards*		
6		Situational Awareness *Private Pilot Airman Certification Standards*		
7		Controlled Flight into Terrain (CFIT) *Private Pilot Airman Certification Standards*		
8		Automation Management *Private Pilot Airman Certification Standards*		
9		Positive Exchange of Flight Controls *Explains and uses the positive three-step exchange of controls*		
10		Wake Turbulence Avoidance *Explains procedures for taking off & landing after departing & arriving large aircraft*		
11		Land and Hold Short Operations (LAHSO) *Explains where to find if an airport uses LAHSO, procedures, restrictions & options*		
12		Runway Incursion Avoidance *Private Pilot Airman Certification Standards*		
13		Certificates and Documents *Private Pilot Airman Certification Standards*		
14		Airworthiness Requirements *Private Pilot Airman Certification Standards*		
15		Weather Information *Private Pilot Airman Certification Standards*		
16		Cross-Country Flight Planning *Private Pilot Airman Certification Standards*		
17		National Airspace System *Private Pilot Airman Certification Standards*		
18		Performance and Limitations *Private Pilot Airman Certification Standards*		
19		Operation of Systems *Private Pilot Airman Certification Standards*		
20		Aeromedical Factors *Private Pilot Airman Certification Standards*		
21		Preflight Inspection *Private Pilot Airman Certification Standards*		
22		Cockpit Management *Private Pilot Airman Certification Standards*		
23		Engine starting *Private Pilot Airman Certification Standards*		
24		Taxiing *Private Pilot Airman Certification Standards*		

Flight Lesson 31-2 — **Pre-Checkride Progress Check pg 2** — Dual

Objective: Review all Private Pilot tasks with a progress check instructor making sure that all meet/exceed the Airman Certification Standards.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
25		Before Takeoff Check *Private Pilot Airman Certification Standards*		
26		Radio Communications and ATC Light Signals *Private Pilot Airman Certification Standards*		
27		Traffic Patterns *Private Pilot Airman Certification Standards*		
28		Airport, Runway and Taxiway Signs, Markings and Lighting *Private Pilot Airman Certification Standards*		
29		Normal and Crosswind Takeoff and Climb *Private Pilot Airman Certification Standards*		
30		Normal and Crosswind Approach and Landing *Private Pilot Airman Certification Standards*		
31		Soft-Field Takeoff and Climb *Private Pilot Airman Certification Standards*		
32		Soft-Field Approach and Landing *Private Pilot Airman Certification Standards*		
33		Short-Field Takeoff and Maximum Performance Climb *Private Pilot Airman Certification Standards*		
34		Short-Field Approach and Landing *Private Pilot Airman Certification Standards*		
35		Forward Slip to a Landing *Private Pilot Airman Certification Standards*		
36		Go-Around/Rejected Landing *Private Pilot Airman Certification Standards*		
37		Steep Turns *Private Pilot Airman Certification Standards*		
38		Rectangular Course *Private Pilot Airman Certification Standards*		
39		S-Turns *Private Pilot Airman Certification Standards*		
40		Turns Around a Point *Private Pilot Airman Certification Standards*		
41		Pilotage and Dead Reckoning *Private Pilot Airman Certification Standards*		
42		Navigation Systems and Radar Services *Private Pilot Airman Certification Standards*		
43		Diversion *Private Pilot Airman Certification Standards*		
44		Lost Procedures *Private Pilot Airman Certification Standards*		
45		Maneuvering During Slow Flight *Private Pilot Airman Certification Standards*		
46		Power-Off Stalls *Private Pilot Airman Certification Standards*		
47		Power-On Stalls *Private Pilot Airman Certification Standards*		
48		Spin Awareness *Private Pilot Airman Certification Standards*		
49		Straight-and-Level Flight IR *Private Pilot Airman Certification Standards*		

Flight Lesson 31-3 — **Pre-Checkride Progress Check pg 3** — Dual

Objective: Review all Private Pilot tasks with a progress check instructor making sure that all meet/exceed the Airman Certification Standards.

Date:		Name of pilot in training:		
Task #	✓	Tasks/Standards	Meets	Continue
50		Constant Airspeed Climbs IR *Private Pilot Airman Certification Standards*		
51		Constant Airspeed Descents IR *Private Pilot Airman Certification Standards*		
52		Turns to Headings IR *Private Pilot Airman Certification Standards*		
53		Recovery from Unusual Flight Attitudes IR *Private Pilot Airman Certification Standards*		
54		Radio Communications, Navigation Systems/Facilities and Radar Services *Private Pilot Airman Certification Standards*		
55		Emergency Descent *Private Pilot Airman Certification Standards*		
56		Emergency Approach and Landing (Simulated) *Private Pilot Airman Certification Standards*		
57		Systems and Equipment Malfunctions *Private Pilot Airman Certification Standards*		
58		Emergency Equipment and Survival Gear *Private Pilot Airman Certification Standards*		
59		Night Preparation *PPrivate Pilot Airman Certification Standards*		
60		After Landing, Parking and Securing *Private Pilot Airman Certification Standards*		

A/C Type:		Hobbs In:	
N-#:		Hobbs Out:	
Avionics:		Total Time:	

Customer signature: _____ Instructor signature: _____

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