UNIVERSITY OF OKLAHOMA PRIVATE PILOT (1222)
FLIGHT TRAINING SYLLABUS 2026-AUG-17

PREREQUISITES FOR ENROLLMENT IN THE FLIGHT PORTION OF THE PRIVATE PILOT COURSE: You must hold a student, recreational or sport pilot certificate & a medical certificate valid for at least third-class privileges prior to beginning stage II in the private pilot course.

COURSE OBJECTIVE: You will obtain knowledge, skill and aeronautical experience to meet the requirements of 14 CFR, Section 141, Appendix B to earn a private pilot certificate with airplane single engine land rating.

COURSE POLICY: At the discretion of the instructor, students who progress rapidly within a specific stage, may within reasonable variances, continue to the next lesson with less time than is specified in the specific lesson curriculum, provided all content and completion standards are satisfactorily completed. The time stated in the lesson is the approximate minimum time that a student would need to meet the lesson objectives and completion standards; not absolute required times. The lesson time could be slightly more or slightly less. These reduced hours must be included in other lessons to complete the total ground or flight time specified by category in the training course outline to satisfactorily complete the course.

At no time will a student be allowed to continue to the next stage without having successfully completed all the lessons & the required tests or stage checks related to the completion of the previous stage.

The AATD lesson may be flown in an aircraft, or AATD. The lesson will include the required pre- and post-flight procedures.

Flight training for this course will be done in accordance with the FAA. approved syllabus. Deviations from the syllabus within a stage due to student training requirements, weather related factors, or other items as necessary will be allowed if the following requirements are met:

- The deviation is approved by the Chief/Asst Chief Flight Instructor.
- A notation will be made in the student's training record as to the lesson covered and the reason for the deviation.
- The student will complete all syllabus requirements before a graduation certificate is issued.

To complete the course of training, the student must meet all course objectives and completion standards. The students must satisfactorily complete all required ground training and pass the FAA Private Pilot Airplane knowledge test prior to the completion of flight training.

EXPECTED ACCOMPLISHMENTS & STANDARDS:: To satisfactorily complete each flight stage the student must complete the lessons in that stage and pass the end of course stage check. Each lesson lists specific objectives and standards of completion.

CHECKS & TESTS: The flight training portion of the syllabus contains a quiz and a stage check flight at the end of Stage I, II and III. The stage checks will be administered by the Chief/Assistant Chief Flight Instructor or check instructor approved by the FSDO. The Stage III check is the end of course stage check which will be equal in scope, depth and difficulty to the practical test defined by the FAA Private Pilot – Airplane Airman Certification Standards.

STUDYING MANEUVERS

1. Refer to the maneuver in the Airplane Flying Handbook to learn how to do the maneuver as well as common errors when attempting to execute the maneuver.
2. Refer to the University of Oklahoma Supplementary Information for Flight Students & the POH to learn specifics of executing this maneuver in the PA28-161 or PA28-181..
3. Refer to the Private Pilot Airplane ACS to determine the standards to which you must accomplish the maneuver to earn your private pilot certificate.

FLIGHT LESSON TIME ALLOCATION TABLE

Lesson	Dual	Solo	Dual Night	Dual XC	Solo XC	Dual INST.	Dual AATD	Pre/Post	GI
STAGE I									
1									2.0
2	1.0							0.5	0.5
3	1.0							0.5	
4	1.0							0.5	
5	1.0							0.5	
6	1.0							0.5	
7	2.0							0.5	
8	1.0							0.5	
9	1.0							0.5	
10	1.0					0.4		0.5	
11	1.0							0.5	
12	1.0							0.5	
13	1.0							0.5	
14	2.0							0.5	
15 (QUIZ)									1.0
16 (STGCHK)	1.0							0.5	0.5
STAGE II									
1	1.0							0.5	
2	0.5	0.5						0.5	
3	1.0							0.5	
4	1.0					0.4		0.5	
5	1.0					0.6		0.5	
6							1.0	0.5	
7	1.0					0.6		0.5	
8	1.0							0.5	
9		1.0						0.5	
10	1.0					0.4		0.5	
11	3.0			3.0		0.2		0.5	0.5
12	1.0		1.0					0.5	
13	3.0		3.0	3.0		0.2		0.5	
14	2.0							0.5	
15 (QUIZ)									1.0
16 (STGCHK)	1.5					0.2		0.5	0.5
STAGE III									
1	1.0							0.5	
2		1.0						0.5	
3	1.0					0.2		0.5	
4		2.5			2.5			0.5	
5	1.0		1.0					0.5	
6	1.0							0.5	
7	2.0					0.2		0.5	
8 (QUIZ)									3.0
9 (STGCHK)	1.5					0.2		0.5	1.5
Totals	**41.5**	**5.0**	**5.0**	**6.0**	**2.5**	**3.6**	**1.0**	**18.5**	**10.5**

***Notes:**

- **The total required flight time (dual + solo) is 47.5 hours.These are the minimum times required in each flight category for course completion.**

- **Excess ground instruction from the flight training syllabus MAY NOT be used to make up for a shortage of ground instruction from the ground training syllabus and vice versa.**

<u>Flight Lesson Time Allocation Table (continued)</u>

Dual = Flight Instruction in an Airplane
Solo = Student Solo Flight in an Airplane
Dual Night = Flight Instruction in an Airplane at Night
Dual XC = Cross Country Flight Instruction in an Airplane
Solo XC = Student Solo Cross Country Flight in an Airplane
Dual INST. = Instrument Flight Instruction in an Airplane
Dual AATD = Instrument Instruction in an Advanced Aviation Training Device
Pre/Post = Pre & Post Flight Instruction
GI= Ground Instruction

Upon Completion of stage III lesson 4 the student will have made three solo takeoffs & landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport with an operating control tower.

Upon Completion of stage III lesson 5 the student will have made 10-night takeoffs & landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport.

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STAGE I

STAGE OBJECTIVE

During this stage, the student obtains the foundation for all future aviation training. The student becomes familiar with the training airplane and learn how the airplane controls are used to establish and maintain specific flight attitudes. Through review and the introduction of new maneuvers, the student will gain proficiency to solo the training airplane.

STAGE COMPLETION STANDARD

Prior to the completion of this stage, the student must pass a stage check to:

- demonstrate an understanding of the basic flight maneuvers introduced in Flights 1 through 14.
- understand how to maintain specific flight attitudes & ground tracks.
- demonstrate flight proficiency & risk management skills required to solo in the local practice area.

The specific tasks to be accomplished and completion standards are contained in Stage I, Flight Lesson 16.

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
									2.0

STAGE I FLIGHT LESSON 1 **GROUND LESSON**

LESSON OBJECTIVE:

During this lesson, the student is introduced to the training airplane. The student will learn how to Conduct the necessary preflight activities and be introduced to the aircraft systems.

CONTENT:

Lesson Introduction

Preflight Assessment

- ☐ Airworthiness Requirements
  - ☐ Aircraft Documents
  - ☐ Aircraft Logbooks
- ☐ Use of Checklists
- ☐ Aircraft Preflight Inspection
- ☐ Aircraft Servicing
  - ☐ Fuel Grades
  - ☐ Oil Grades
- ☐ Operation of Systems
  - ☐ Primary Flight Controls
  - ☐ Secondary Flight Controls
  - ☐ Powerplant
  - ☐ Fuel System
  - ☐ Electrical System
  - ☐ Pitot Static System
  - ☐ Vacuum System
  - ☐ Environmental – Vents, Heater, Defroster
  - ☐ Avionics
- ☐ Location & use of Emergency Equipment & Survival Gear
  - ☐ Fire Extinguisher & First Aid Kit
- ☐ Computation of Aircraft Performance
- ☐ Computation of Aircraft Weight & Balance
- ☐ Risk Management
  - ☐ Use of Flight Risk Analysis Tool (FRAT)
  - ☐ Human Factors
  - ☐ Pilot Qualifications
  - ☐ Currency & proficiency
  - ☐ Environmental Factors & Personal Minimums
  - ☐ Aircraft Maintenance Status

COMPLETION STANDARDS:

Preflight Assessment: Gain knowledge of aircraft systems and the necessity of checking their operation before flight.

Airplane Performance: The student will be able to compute normal takeoff and landing distances and use the performance worksheet to determine whether the airplane can safely takeoff and land at the airport of intended use.

Airplane Weight & Balance: : The student will be able to compute the airplane's weight and center of gravity (CG) and determine whether weight and CG are within limits.

Risk Management: The student will be introduced to the Flight Risk Assessment Tool (FRAT) and gain an appreciation that even low risks associated with Human Factors, Pilot Qualifications, Environmental Factors and Aircraft Maintenance Status can add up to a high overall risk for the flight

INSTRUCTOR NOTES:

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Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	0.5

STAGE I FLIGHT LESSON 2 **DUAL-LOCAL**

LESSON OBJECTIVE:

During this lesson, the student is introduced to the training airplane. The student will review how to conduct the necessary preflight activities. The student will be introduced to the flight controls and learn how they are used to maintain specific attitudes.

CONTENT:

Lesson Review

Preflight Assessment

- ☐ Risk Management - FRAT
- ☐ Aircraft Preflight Inspection
- ☐ Operation of Systems
- ☐ Computation of Aircraft Performance
- ☐ Computation of Aircraft Weight & Balance

Lesson Introduction

- ☐ Flight Deck Management
  - ☐ Passenger Briefing
  - ☐ Use of Checklists
- ☐ Engine Starting
- ☐ Taxiing
  - ☐ Use of Rudder Pedals & Brakes for Steering
  - ☐ Use of Throttle & Brakes for Speed Control
  - ☐ Flight Control Positions in Accordance with Wind Direction
- ☐ Before Takeoff Check
- ☐ Use of Trim
- ☐ Normal Takeoff & Climb
- ☐ Constant Air Speed Climbs (Vy)
- ☐ Straight and Level Flight
- ☐ Medium Bank Turns
  - ☐ Collision Avoidance Procedures
- ☐ Shallow Bank Turns
- ☐ VFR sight picture for level flight
- ☐ Normal Approach & Landing
- ☐ Postflight Procedures
  - ☐ After Landing, Parking & Securing
  - ☐ Post Flight Inspection

COMPLETION STANDARDS:

All tasks should be completed with instructor assistance. The student will gain familiarity with the aircraft and procedures.

Risk Management: The instructor will review procedures for completion of the FRAT

Taxi: The student will be able to explain use of rudder, brakes, throttle, and flight control positions for taxi operations.

Aircraft Control (VR): Maintain altitude +/- 250 ft., Heading +/-30 °, airspeed +/- 20 kts.

INSTRUCTOR NOTES:

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Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 3 <u>DUAL-LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will review the procedures introduced in previous Flight Lessons to gain proficiency in basic aircraft controls. The student is introduced to the fundamentals of airport operations and Slow flight.

CONTENT:

Lesson Review

- ☐ Risk Management - FRAT
- ☐ Preflight Assessment
- ☐ Operation of Systems
- ☐ Engine Starting
- ☐ Taxiing
- ☐ Before Takeoff Check
- ☐ Use of Trim
- ☐ Normal Takeoff & Climb
- ☐ Straight-&-Level Flight
- ☐ Collision Avoidance Procedures
- ☐ Climbs
- ☐ Descents
- ☐ Shallow & medium banked turns in both directions
- ☐ Normal Approach & Landing
- ☐ Postflight Procedures

Lesson Introduction

- ☐ Airport Operations
  - ☐ Radio Communications & Phraseology
  - ☐ Use of Transponder
  - ☐ Traffic Patterns
  - ☐ Airport & Runway Marking & Lighting
- ☐ Maneuvering During Slow Flight

COMPLETION STANDARDS:

Risk Management – FRAT: Completed without instructor assistance.

Pre & Post Flight Procedures*:* Completed with instructor assistance.

Normal Takeoff & Climb: Completed with instructor assistance.

Aircraft Control (VR): Altitude +/-250 ft., heading +/-20°, airspeed +/-20 kts

Normal Approach & Landing: Completed with instructor assistance.

Maneuvering During Slow Flight: Altitude +/- 250 ft., Airspeed +15/-0 kts., Heading +/- 20°

Radio Communications/Taxiing/Use of Transponder: Copy and read back a taxi clearance, correctly trace the route and interpret airport signage and markings to follow the taxi route with instructor assistance. The student will learn how to use the transponder.

Traffic Pattern Entry & Departure Procedures: Execute tower directions for pattern entry & departure with instructor assistance.

Collision Avoidance Procedures: Learn scanning procedures during all phases of flight, including clearing turns & awareness of aircraft blind spots.

INSTRUCTOR NOTES:

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Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 4 **DUAL-LOCAL**

LESSON OBJECTIVE:

During this lesson, the student will review airspeeds for takeoff and landing, and Traffic pattern Departure and entry procedures. The student will be introduced to stalls and proper stall recovery techniques.

CONTENT:

Lesson Review

- ☐ Preflight Assessment
- ☐ Engine Starting
- ☐ Airport & Runway Marking & Lighting
- ☐ Airport Base Operations
  - ☐ Radio Communications
  - ☐ Use of Transponder
- ☐ Taxiing
- ☐ Before Takeoff Check
- ☐ Normal Takeoff & Climb
- ☐ Traffic Patterns
- ☐ Collision Avoidance Procedures
- ☐ Normal Approach & Landing
- ☐ Maneuvering During Slow Flight
- ☐ Risk Management – FRAT

Lesson Introduction

- ☐ Power-Off Stalls (Imminent)
- ☐ Power-On Stalls (Imminent)
- ☐ Local Area Navigation

COMPLETION STANDARDS:

Aircraft Control (VR): Altitude +/- 200 ft., heading +/15°, airspeed +/- 15 kts., for Climbs/Descents/Cruise.

Collision Avoidance Procedures: Review proper scanning techniques and learn how to interpret traffic depictions on airplane traffic displays.

Normal Takeoff & Climb: Performed unassisted. Airspeed Vy = +15/-5 kts.

Normal Approach & Landing: Completed with instructor assistance.

Airport Operations/Radio Communications/Taxi/Use of Transponder: Copy & read back a taxi clearance, correctly trace the route & interpret airport signage & markings to follow the taxi route. The student will correctly operate the transponder.

Traffic Pattern: Describe the traffic pattern legs with correct entry & exit procedures.

Stalls: Recognition of an imminent stall, maintain +/-20° heading during recovery.

Risk Management: Complete the FRAT without instructor assistance.

Local Area Navigation: Use pilotage to navigate to the practice area as well as GPS to navigate from the practice area back to the airport with instructor assistance.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 5 DUAL-LOCAL

LESSON OBJECTIVE:

During this lesson, the student will gain additional proficiency in local area navigation. The student will be introduced to Ground reference maneuvers

CONTENT:

Lesson Review

- ☐ Normal Takeoff & Climb
- ☐ Normal Approach Landing
- ☐ Risk Management
- ☐ Local Area Navigation
- ☐ Medium Bank Turns

Lesson Introduction

- ☐ Ground Reference Maneuvers
  - ☐ Rectangular Course
  - ☐ S-Turns
  - ☐ Turns Around a Point

COMPLETION STANDARDS:

Normal Takeoff & Climbs will be performed unassisted, Airspeed Vy +15/-5 kts.

Aircraft Control (VR): Altitude +/-150 ft., heading +/-15 °, airspeed +/-10 kts. for climbs/descents/cruise.

Medium Bank Turns: Maintain bank angle +/-10 °, airspeed +/-15 kts., altitude +/-100ft., roll out heading +/-15 °.

Ground Reference Maneuvers: Maintain a specific ground track, using coordinated control while maintaining altitude within +/- 200 ft. & airspeed within +/- 15 kts.

Normal Approach & Landing: Completed with instructor assistance.

Local Area Navigation: Display increased confidence in navigation to & from the practice area with minimal instructor assistance.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 6 **DUAL - LOCAL**

LESSON OBJECTIVE:

The student will review the listed maneuvers and be introduced to the performance maneuver Steep Turns and Emergency Descents.

CONTENT:

Lesson Review

- ☐ Normal Takeoff & Climb
- ☐ Normal Approach & Landing
- ☐ Local Area Navigation

Lesson Introduction

- ☐ Steep Turns
- ☐ Emergency Descent

COMPLETION STANDARDS:

Aircraft Control (VR): Maintain altitude +/-100 ft., heading +/-10°, airspeed +/-10 kts. for climbs/descents/cruise.

Normal Takeoff & Climb: Performed unassisted. Airspeed Vy = +15/-5 kts.

Steep Turns: Maintain bank angle +/-10°, airspeed +/-15 kts., altitude +/- 200 ft., roll out heading +/-15°.

Emergency Descent: Airspeed top of the white arc/-20 kts., Planned level off +/-100ft.

Normal Approach & Landing: Performed unassisted on the downwind, base and turn to final and with instructor assistance below 400 ft. Touchdown -0/+700 ft.

Local Area Navigation: Navigate to/from the practice area with minimal instructor assistance

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
2.0								0.5	

STAGE I FLIGHT LESSON 7 **DUAL - LOCAL**

LESSON OBJECTIVE:

During the lesson, the student will review and practice the maneuvers to gain proficiency.

CONTENT:

Lesson Review

- ☐ Normal Takeoffs & Climb
- ☐ Power-Off Stalls (Imminent)
- ☐ Power-On Stalls (Imminent)
- ☐ Maneuvering During Slow Flight
- ☐ Steep Turns
- ☐ Emergency Descent
- ☐ Ground Reference Maneuvers (at least one)
  - ☐ S-Turns
  - ☐ Turns Around a Point
- ☐ Traffic Pattern Operations
- ☐ Local Area Navigation
- ☐ Normal Approach and Landing

COMPLETION STANDARDS:

Normal Takeoff and Climb: Performed unassisted. Airspeed Vy = +15/-5 knots.

Stalls: Execute the proper stall recovery. Recovery heading +/-15 degrees

Maneuvering During Slow Flight: Altitude +/-150 feet, Airspeed +10/-0 knots, Heading +/-15 degrees.

Steep Turns: Maintain bank angle +/-10 degrees, airspeed +/-15 knots, altitude +/-150 feet, roll out heading +/-15 degrees.

Emergency Descent: Airspeed top of white arc/-20 knots, Level off +/- 100ft

Ground Reference Maneuvers: Fly specific ground tracks while maintaining altitude within +/150 feet, airspeed +/- 10 knots.

Traffic Pattern: Describe the traffic pattern legs with correct entry and exit procedures.

Local Area Navigation: Use pilotage to navigate to the practice area as well as pilotage and GPS to navigate from the practice area back to the airport with minimal instructor assistance.

Normal Approach and Landing: Performed unassisted on the downwind, base and turn to final and with instructor assistance below 400 feet. Touchdown -0/+700 feet.

INSTRUCTOR NOTES:

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Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 8 DUAL - LOCAL

LESSON OBJECTIVE:

The student will be introduced to systems and equipment malfunctions and the emergency approach and landing.

CONTENT:

Lesson Review

- ☐ Systems and Equipment Malfunctions
  - ☐ Smoke/Fire/Engine Compartment Fire
  - ☐ Electrical Malfunction
    - ☐ Alternator Failure
    - ☐ Popped Circuit Breaker
    - ☐ Electrical Fire
  - ☐ Vacuum System Malfunction
  - ☐ Pitot/Static System Malfunction
  - ☐ Flap Malfunction
  - ☐ Trim Malfunction
  - ☐ Inadvertent Door Opening
  - ☐ Partial or Complete Engine Power Loss
- ☐ Emergency Descent
- ☐ Emergency Approach and Landing
- ☐ Go-Around/Rejected Landing
- ☐ Forward Slip
- ☐ Light Signals

COMPLETION STANDARDS:

Systems and Equipment Malfunction: How to recognize occurrence of selected systems and equipment malfunctions and describe/perform the required response.

Emergency Descent: Execute the procedure without instructor assistance, airspeed top of white arc 0/-20 knots.

Emergency Approach and Landing (Simulated): Execute the procedure with instructor assistance while maintaining best glide speed +/- 15 knots during the emergency approach.

Forward Slip: With instructor assistance, apply the correct aileron and rudder inputs to establish and maintain a forward slip.

Go-Around/Rejected Landing: Recognize the need for a Go-Around and execute the procedure with instructor assistance. Airspeed Vy -5/+15 knots.

Light Signals: Explain the correct loss of communication procedures and the correct light signal for each phase of flight and taxi.

Local Area Navigation: Navigate to and from the practice area without instructor assistance.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 9 **DUAL - LOCAL**

LESSON OBJECTIVE:

The student will review systems and equipment malfunctions and the emergency approach and landing.

CONTENT:

Lesson Review

- ☐ Systems and Equipment Malfunctions
  - ☐ Smoke/Fire/Engine Compartment Fire
  - ☐ Partial or Complete Engine Power Loss
- ☐ Emergency Descent
- ☐ Emergency Approach and Landing
- ☐ Go-Around/Rejected Landing
- ☐ Forward Slip
- ☐ Light Signals
- ☐ Normal Approach and Landing

COMPLETION STANDARDS:

Systems and Equipment Malfunctions: Promptly recognize the selected malfunctions and describe/perform corrective actions.

Emergency Descent: Execute the procedure without instructor assistance, airspeed top of white arc 0/-20 knots.

Emergency Approach and Landing (Simulated): Execute the procedure without instructor assistance while maintaining best glide speed +/- 15 knots during the emergency approach.

Go-Around/Rejected Landing: Prompt go-around initiated in response to a scenario provided by the instructor. Airspeed Vy -5/+15 knots.

Forward Slips: Executed with minimal instructor assistance.

Normal Approach and Landings: Executed with minimal instructor assistance in round out and flare. Touchdown point -0//+ 500 feet.

Light Signals: Explain the correct loss of communication procedures and the correct light signal for each phase of flight and taxi.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0					0.4			0.5	

STAGE I FLIGHT LESSON 10 <u>DUAL - LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will be introduced to basic maneuvers by instrument reference to increase the student's airplane control skills. The student will navigate using the GPS to an uncontrolled field with the instructor's assistance, enter and depart the pattern

CONTENT:

Lesson Introduction

- ☐ Straight-and-Level Flight (IR)
- ☐ Straight, Constant Airspeed Climbs (IR)
- ☐ Straight, Constant Airspeed Descents (IR)
- ☐ Turns to Headings (IR)
- ☐ GPS Navigation
- ☐ Uncontrolled Airport Operations
  - ☐ Radio Communications and Phraseology
  - ☐ Traffic Patterns
- ☐ Normal Approach and Landing (Uncontrolled airport)
- ☐ Uncontrolled airport departure procedures

COMPLETION STANDARDS:

Aircraft Control (IR): Altitude +/-300 feet, heading +/-30 degrees, air speed +/-20 knots.

Normal Approach and Landings: Performed unassisted on the downwind, base and turn to final and with instructor assistance below 400 feet Touchdown point -0/+ 500 feet.

GPS Navigation: Use the GPS "Direct" function to determine a course to an airport as well as determine ETE, ETA and ground speed.

Uncontrolled Airport Operations: Perform a pattern entry with a normal approach and landing normal takeoff from an unfamiliar airport with instructor assistance for traffic avoidance and a demonstration of uncontrolled radio call procedures.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 11 <u>DUAL - LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will practice the listed maneuvers to gain additional proficiency.

CONTENT:

Lesson Review

- ☐ Forward Slips
- ☐ Ground Reference Maneuvers
  - ☐ S-turns
  - ☐ Turns around a point
  - ☐ Rectangular course
- ☐ Traffic Pattern Operations
- ☐ Normal Approach and Landing
- ☐ Postflight Procedures
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Forward Slips: Executed with minimal instructor assistance. Air speed +/- 10 knots

Ground Reference Maneuvers: Fly specific ground tracks while maintaining altitude within +/-150 feet, air speed +/-10 knots.

Traffic Pattern: Describe the traffic pattern legs with correct entry and exit procedures.

Normal Approach and Landing: Performed unassisted on the downwind, base, and turn to final with minimal instructor assistance during the round out and flare. Touchdown -0/+500 feet.

Postflight Procedures: Performed to the standards of the Private Pilot ACS

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 12 <u>DUAL - LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will practice the listed maneuvers. The instructor will discuss situations that could lead to inadvertent spin and spin recovery procedures. The instructor will demonstrate a cross-control stall.

CONTENT:

Lesson Review

- ☐ Normal Takeoff
- ☐ Power On Stalls (Full Stall)
- ☐ Power Off Stalls (Full Stall)
- ☐ Maneuvering During Slow Flight
- ☐ Traffic Patterns
- ☐ Normal Approach and Landing

COMPLETION STANDARDS:

Normal Takeoff and Climb: Performed unassisted. Airspeed Vy = +15/-5 knots.

Stalls: Recovery Heading +/-15 degrees.

Maneuvering During Slow Flight: Altitude +/-150 feet, Airspeed +15/-0 knots, Heading +/- 20degrees.

Traffic Pattern: Execute the proper pattern departure and entry without instructor assistance.

Normal Approach and Landing: Performed unassisted on the downwind, base, and turn to final and with instructor assistance during the round out and flare. Touchdown -0/+500 feet.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE I FLIGHT LESSON 13 <u>DUAL - LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will practice the listed maneuvers. The instructor will review takeoff and landing procedures in preparation for the stage one stage check.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Normal Takeoff and Climb
- ☐ Traffic Pattern Operations
- ☐ Normal Approach and Landing
- ☐ Postflight Procedures

COMPLETION STANDARDS:

All tasks will be performed to the standards of the Private Pilot ACS with the following exceptions.

Normal Takeoff and Climb: Performed unassisted. Airspeed Vy = +15/-5 knots.

Normal Approach and Landing: Completed with minimal instructor assistance through the round out and flare, including radio calls. Touchdown -0/+500 feet

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
2.0								0.5	

STAGE I FLIGHT LESSON 14 <u>DUAL - LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will practice the listed maneuvers. The instructor will conduct a mock Stage Check to determine any deficiencies prior to the Stage 1 Stage Check.

CONTENT:

Lesson Review

- ☐ Normal Takeoff
- ☐ Power On Stalls (Full)
- ☐ Power Off Stalls (Full)
- ☐ Maneuvering During Slow Flight
- ☐ Steep Turns
- ☐ Emergency scenario
  - ☐ Loss of engine
  - ☐ Engine Fire
- ☐ Emergency Descent
- ☐ Emergency approach to landing
- ☐ Ground Reference Maneuvers
  - ☐ S-Turns across a road
  - ☐ Turns around a point
- ☐ Traffic Pattern Operations
- ☐ Local Area Navigation
- ☐ Normal Approach and Landing

COMPLETION STANDARDS:

All tasks will be performed to the standards of the Private Pilot ACS with the following exceptions:

Normal Takeoff and Climb: Performed unassisted. Airspeed Vy = +15/-5 knots.

Stalls: Recovery Heading +/-15 degrees

Steep Turns: Maintain bank angle +/-10 degrees, airspeed +/-15 knots, altitude +/-150 feet, roll out heading +/-15 degrees.

Maneuvering During Slow Flight: Altitude +/-150 feet, Airspeed +10/-0 knots, Heading +/-15 degrees.

Emergency Scenario: How to recognize occurrence of selected systems and equipment malfunctions and perform the required response.

Emergency Approach and Landing: Execute the procedure while maintaining best glide speed +/-15 knots during the emergency approach.

Emergency Descent: In a scenario provided by the evaluator, students will determine the need for an emergency descent and perform the procedure. Airspeed top of white arc 0/-20 knots.

Ground Reference Maneuvers: Fly specific ground tracks while maintaining altitude within +/150 feet, air speed +/-10 knots.

Normal Approach and Landing: Completed without instructor assistance.

INSTRUCTOR NOTES:

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Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
									1.0

STAGE I FLIGHT LESSON 15 QUIZ

LESSON OBJECTIVE:

The objective of this lesson is to evaluate the student's aeronautical knowledge through a written quiz specified by 14 CFR Section 61.87(b).

CONTENT:

Applicable Parts of FAR's 61 & 91
Airspace Rules & Procedures for the Local Airport
Flight Characteristics & Operational Limitations of the Aircraft to be Flown

COMPLETION STANDARDS:

Score at least 70% on the quiz. In addition, the instructor will review those questions that were missed.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	0.5

STAGE I FLIGHT LESSON 16 DUAL STAGE CHECK

LESSON OBJECTIVE:

During this stage check, the chief/assistant chief or check instructor evaluates the student's abilities to determine if the student is prepared for solo flight in the local practice area.

CONTENT:

Lesson Review

- ☐ Aircraft Documents
- ☐ Operation of Systems
  - ☐ Engine/Propeller
  - ☐ Vacuum System
  - ☐ Pitot Static System
  - ☐ Fuel System
  - ☐ Electrical System
- ☐ Computation of Performance
- ☐ Computation of Weight & Balance
- ☐ Risk Management – FRAT
- ☐ Airspace & Procedures in Local Practice Area
- ☐ Systems & Equipment Malfunctions (at least two)
  - ☐ Loss of engine
  - ☐ Fire in Flight
  - ☐ Lost Coms
- ☐ Communications/Light Signals
- ☐ Preflight Assessment
- ☐ Flight Deck Management
- ☐ Engine Starting
- ☐ Taxiing
- ☐ Before Takeoff Check
- ☐ Communications
- ☐ Use of Transponder
- ☐ Traffic Patterns
- ☐ Normal Takeoff & Climb
- ☐ Power-Off Stalls
- ☐ Power-On Stalls
- ☐ Maneuvering During Slow Flight
- ☐ Steep Turns
- ☐ Systems & Equipment Malfunctions (at least two)
- ☐ Emergency Approach & Landing (Simulated)
- ☐ Emergency Descent
- ☐ Ground Reference Maneuvers (at least one)
  - ☐ S-Turns
  - ☐ Turns around a Point
- ☐ Traffic Pattern Operations
- ☐ Normal Approach & Landing
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Risk Management – FRAT. Based on a scenario provided by the instructor, use the FRAT to assess the risk & response.

All tasks will be performed to the standards of the Private Pilot ACS with the following exceptions:

Stalls: Recovery Heading +/-15°

Steep Turns: Maintain bank angle +/-10°, airspeed +/-15 kts., altitude +/- 150 ft., roll out heading +/-15°.

Maneuvering during slow flight: Altitude +/-150 ft., Airspeed +10/-0 kts., Heading +/-15°.

Emergency Approach & Landing: Execute the procedure while maintaining best glide speed +/-15 kts. during the emergency approach.

Emergency Descent: In a scenario provided by the evaluator to determine the need for an emergency descent & perform the procedure. Airspeed top of white arc 0/-20 kts.

Ground Reference Maneuvers: Fly specific ground tracks while maintaining altitude within +/150 ft., airspeed +/-10 kts.

Normal Approach and Landing: Stabilized approach to round out and flare. Touchdown point -0/+ 500 feet.

STAGE II

STAGE OBJECTIVE

This stage allows the student to expand the skills learned in the previous stage. The student is introduced to supervised solo operations, as well as short and soft field takeoff and landing procedures. The student will review ground reference maneuvers. The student will learn to plan and conduct cross-country flights using pilotage, dead reckoning, and radio navigation. The student will also learn to conduct safe flights in the national airspace system. Additionally, greater emphasis is placed on attitude control by instrument reference to increase the student's skill and safety.

STAGE COMPLETION STANDARD

Prior to the completion of this stage, the student must pass a stage check to demonstrate:

- Proficiency and knowledge of airplane operations necessary to begin flight outside the local area.
- Accurately plan and conduct cross-country flights.
- The need for a short field and soft field landing, takeoffs and landings and executing these procedures.

The specific tasks to be accomplished and completion standards are contained in Stage II, Flight Lesson 16.

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE II FLIGHT LESSON 1 **DUAL-LOCAL**

LESSON OBJECTIVE:

During this lesson the student will review the listed maneuvers. The student will be introduced to short-field takeoff and maximum performance climb and short-field approach and landing.

CONTENT:

Lesson Review

- ☐ Power-Off Stalls
- ☐ Power-On Stalls
- ☐ Maneuvering During Slow Flight
- ☐ Steep Turns

Lesson Introduction

- ☐ Performance & Limitations
  - ☐ Computation of Short Field Takeoff Performance – Rotation Speed, Ground Roll, distance over a 50-foot obstacle
  - ☐ Computation of Short Field Landing Performance – Approach Speed, Distance over 50ft. obstacle & Landing Ground Roll
- ☐ Short Field Takeoff & Maximum Performance Climb
- ☐ Short Field Approach & Landing

COMPLETION STANDARDS:

Performance and Limitations: Compute Short Field takeoff and landings distances and determine whether the airplane can safely takeoff and land on the intended runway.

Stalls: Recovery Heading +/-15 degrees

Steep Turns: Maintain bank angle +/-10 degrees, airspeed +/-15 knots, altitude +/-150 feet, roll out heading +/-15 degrees.

Maneuvering During Slow Flight: Altitude +/-150 feet, Airspeed +10/-0 knots, Heading +/-15 degrees.

Short and Soft Field Takeoffs and Landings: Understand the purpose and procedures for performing these types of takeoffs and landings and perform them with instructor assistance.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD.	Pre Post	GI
0.5	0.5						2	0.5	

STAGE II FLIGHT LESSON 2 <u>DUAL & SOLO-LOCAL</u>

LESSON OBJECTIVE:

During the dual portion of the lesson, the instructor will review takeoff and landing procedures to check the student's readiness for solo flight; and, in the second portion of the lesson, the student will fly a supervised solo flight in the local traffic pattern.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Normal Takeoff & Climb
- ☐ Normal Approach & Landing

Lesson Introduction (Supervised Solo)

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Normal Takeoff & Climb
- ☐ Normal Approach & Landing

COMPLETION STANDARDS:

This lesson is complete when the student accomplishes a supervised solo as directed by the instructor. This will consist of at least two solo normal takeoffs and landings.

All tasks will be performed to the standards of the Private Pilot ACS.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE II FLIGHT LESSON 3 DUAL-LOCAL

LESSON OBJECTIVE:

During this lesson the student will review airport operations, Ground reference maneuvers, shortfield takeoff and maximum performance climb and short-field approach and landing.

CONTENT:

Lesson Review

- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Forward Slips
- ☐ Ground Reference Maneuvers
  - ☐ S-turns
  - ☐ Turns around a point
    - ☐ Rectangular course
- ☐ Short Field Approach and Landing

COMPLETION STANDARDS:

Short Field Takeoff and Maximum Performance Climb: Maintains Vx +15/-5 knots

Ground Reference Maneuvers: Fly specific ground tracks while maintaining altitude within +/100 feet, airspeed +/-10 knots.

Forward Slips: Executed without instructor assistance. Air speed +/- 10 knots

Short Field Approach and Landing: Understand the purpose and procedures for performing the short field landing and perform them with instructor assistance. Execute the Short Field landing procedure. Touchdown -0/+500 feet of specified touchdown point.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0					0.4			0.5	

STAGE II FLIGHT LESSON 4 <u>DUAL-LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will review basic maneuvers by instrument reference to increase the student's airplane control skills. The student will be introduced to unusual attitudes, recognition, and recovery procedures.

CONTENT:

Lesson Review

- ☐ Airport Operations
- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Straight-and-Level Flight (IR)
- ☐ Turns to Headings (IR)
- ☐ Constant Airspeed Climbs (IR)
- ☐ Constant Airspeed Descents (IR)

Lesson Review

- ☐ Recovery from Unusual Attitudes (IR)

COMPLETION STANDARDS:

Airport Operations: Performed to the standards of the Private Pilot ACS.

Performance and Limitations: Compute short field takeoff and landings distances and determine whether the airplane can safely takeoff and land on the intended runway.

Short Field Takeoff and Maximum Performance Climb: Maintains Vx +15/-5 knots

Short Field Approach and Landings: Touchdown -0/+300 feet of specified touchdown point.

Aircraft Control (IR): Altitude +/-200 feet, heading +/-30 degrees, air speed +/-20kts.

Recovery from Unusual Flight Attitudes: Under simulated instrument conditions, recognize unusual nose up or down attitude & execute correct recovery procedure with instructor assistance.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0					0.6			0.5	

STAGE II FLIGHT LESSON 5 DUAL-LOCAL

LESSON OBJECTIVE:

During this lesson, the student will review basic maneuvers by instrument reference to increase the student's airplane control skills. The student will be introduced to soft-field takeoff and climb and soft-field approach and landing.

CONTENT:

Lesson Review

- ☐ Straight-and-Level Flight (IR)
- ☐ Turns to Headings (IR)
- ☐ Constant Airspeed Climbs (IR)
- ☐ Constant Airspeed Descents (IR)
- ☐ Recovery from Unusual Flight Attitudes (IR

Lesson Introduction

- ☐ Soft-Field Takeoff and Climb
- ☐ Soft-Field Approach and Landing

COMPLETION STANDARDS:

Aircraft Control (IR): Altitude +/-200 feet, heading +/-20 degrees, air speed +/-20 kts.

Recovery from Unusual Flight Attitudes: Under simulated instrument conditions, recognize unusual nose up or down attitude & execute correct recovery procedure without instructor assistance.

Soft Field Takeoffs and Landings: Understand the purpose and procedures for performing these types of takeoffs and landings and perform them with instructor assistance. Establish an attitude in the flare that will maintain back pressure to keep the nose wheel from touching down after landing.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
							1.0	0.5	

STAGE II FLIGHT LESSON 6 <u>DUAL-AATD</u>

(SIMULATED INSTRUMENT)

LESSON OBJECTIVE:

During this lesson the student is introduced to navigation procedures using VOR's and GPS in the AATD. The student will become familiar with the operation of VOR and GPS equipment. In addition, cross-country planning and operational considerations will be discussed during the pre-flight briefing. Note: Instrument time in the AATD may not be used to satisfy instrument time requirements in the aircraft.

CONTENT:

Lesson Introduction

- ☐ Cross-Country Flight Procedures
  - ☐ Flight Deck Management
  - ☐ Power Settings and Mixture Control
- ☐ Navigation
  - ☐ Radio Communications, Navigation Systems/Facilities and Radar Services
  - ☐ VOR Orientation Course Interceptions and Tracking
  - ☐ VOR Cross Check - GPS Orientation and Tracking
  - ☐ Use of GPS Moving Map Page
  - ☐ Use of GPS to Determine Ground Speed, ETE and ETA
  - ☐ Use of NRST Function

COMPLETION STANDARDS:

Understand how to organize the flight deck for cross country flights and demonstrate proper power setting and mixture leaning procedures. With instructor assistance maintain aircraft control while programming radio and navigation equipment and following ATC instructions while in simulated instrument conditions.

VOR: Tune and identify VOR frequencies, determine which VOR radial the aircraft is on, and intercept and track courses to and from a VOR.

GPS: Use the GPS receiver to program a direct course to a fix or location, use the moving map page, determine ground speed, estimated time enroute and estimated time of arrival to a location and use the "Nearest Function" to determine location of nearby airports, ARTCC and AFSS frequencies.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0					0.6			0.5	

STAGE II FLIGHT LESSON 7 <u>DUAL-LOCAL</u>

LESSON OBJECTIVE:

The instructor will evaluate the students' short field takeoff and landing procedure and introduce the use of VOR's and GPS in the aircraft and broaden the student's instrument proficiency for navigation.

CONTENT:

Lesson Review

- ☐ Short-Field Takeoff and Maximum Performance Climb
- ☐ Short-Field Approach and Landing

Lesson Introduction

- ☐ VOR Orientation and Tracking (IR)
- ☐ GPS Orientation and Course Programming (IR)
- ☐ Radio Communications, Navigation Systems/Facilities and Radar Services (IR)

COMPLETION STANDARDS:

Short Field Takeoff & Maximum Performance Climb: Maintains Vx +15/-5 kts.

Short Field Approach & Landing: Touchdown -0/+300 ft. beyond the specified touchdown point.

VOR/GPS: Determine what VOR radial the aircraft is on, track to & from a VOR, program the GPS to fly to an airport. Use GPS to determine the nearest airport, ARTCC, & AFSS frequencies.

Radio Communications, Navigation Systems/Facilities & Radar Services: Demonstrate the ability to program radio & navigation equipment & follow radar vectors while maintaining control of the aircraft in instrument conditions. Altitude +/- 250 ft., Heading +/- 15 °, Airspeed +/- 15 kts.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE II FLIGHT LESSON 8 <u>DUAL-LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will practice the listed maneuvers to gain proficiency and confidence for the local solo flight.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Soft Field Takeoff and Climb
- ☐ Power-off Stall
- ☐ Power-on Stalls
- ☐ Maneuvering During Slow Flight
- ☐ Steep Turns
- ☐ Emergency Procedures
  - ☐ Loss of engine
  - ☐ Fire in Flight
  - ☐ Emergency approach to landing
- ☐ Soft Field Approach and Landing
- ☐ Postflight Procedures

Lesson Introduction

- ☐ Diversion to Alternate

COMPLETION STANDARDS:

All maneuvers will be performed to the standards of the Private Pilot ACS with the following exceptions:

Soft Field Takeoff and Climb: Maintains Vx +15/-5 knots when Vx is called for. Maintain Vy +10/-5 knots.

Soft Field Approach and Landings: Establish an attitude in the flare that will maintain back pressure to keep the nose wheel from touching down after landing.

Diversion Procedures: Given a scenario presented by the instructor, learn how to divert to a nearby airport when the airfield for intended use is unusable.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD.	Pre Post	GI
	1.0						2	0.5	

STAGE II FLIGHT LESSON 9 <u>SOLO-LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will practice the listed maneuvers to gain proficiency and confidence.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Normal Takeoff and Climb
- ☐ Power-off Stall
- ☐ Power-on Stalls
- ☐ Maneuvering During Slow Flight
- ☐ Steep Turns
- ☐ Normal Approach and Landing
- ☐ Postflight Procedures

COMPLETION STANDARDS:

This lesson is complete when the student has conducted the assigned solo flight.

STUDENT NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0					0.4			0.5	

STAGE II FLIGHT LESSON 10 <u>DUAL-LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will review the listed flight maneuvers.

CONTENT:

Lesson Review

- ☐ Straight-and-Level Flight (IR)
- ☐ Turns to Headings (IR)
- ☐ Constant Airspeed Climbs (IR)
- ☐ Constant Airspeed Descents (IR)
- ☐ Inadvertent Flight into IMC/Recovery from Unusual Flight Attitudes (IR)
- ☐ Short-Field Takeoff and Maximum Performance Climb
- ☐ Short-Field Approach and Landing
- ☐ VOR Orientation Course Interceptions and Tracking
- ☐ GPS Orientation and Tracking

COMPLETION STANDARDS:

All maneuvers will be flown to the standards of the Private Pilot ACS with the following exceptions:

Short Field Takeoff and Maximum Performance Climb: Maintains Vx +15/-5 kts.

Short Field Approach and Landing: Touchdown -0/+300 ft. beyond the specified touchdown point.

Aircraft Control (IR): Altitude +/-200 feet, heading +/-20 degrees, air speed +/-10 kts.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
3.0			3.0					0.5	

STAGE II FLIGHT LESSON 11 <u>DUAL CROSS-COUNTRY</u>

LESSON OBJECTIVE:

During this lesson the student is introduced to the procedures and the techniques to be used in planning and executing a cross-country flight which will consist of a flight of more than 100 nautical mile total distance with at least one landing at an airport greater than 50 nautical miles from OUN. The instructor will provide the student with a notional payload that will require the student to determine how much fuel the airplane can carry. The student will continue to gain proficiency on short and soft field takeoffs and landings.

CONTENT:

Lesson Review

- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Soft Field Takeoff and Climb
- ☐ Soft Field Approach and Landing

Lesson Introduction

- ☐ Weather Information: Obtain a Weather Briefing from AFSS, Including NOTAM's
- ☐ Cross-Country Flight Planning
  - ☐ National Airspace System
  - ☐ Route Planning/Check Point Selection
  - ☐ Altitude Selection
  - ☐ Performance: Calculating
    - ☐ Time, distance, fuel to climb & descent
    - ☐ Ground Speed, Estimated Time Enroute
    - ☐ True Course & Magnetic Heading
    - ☐ Fuel Usage & Reserves
  - ☐ Limitations
  - ☐ Apply NOTAM Information
  - ☐ Completion of the NAVLOG
  - ☐ Completing & filing an ICAO Flight Plan
  - ☐ Risk Analysis – FRAT
- ☐ Flight Deck Management
- ☐ Access FIS-B Weather Data in the Aircraft
- ☐ AFSS Services
  - ☐ Open/Close VFR ICAO Flight Plan
  - ☐ Obtain Weather Updates
  - ☐ Provide PIREPs
- ☐ Power Settings & Mixture Control
- ☐ Pilotage & Dead Reckoning
  - ☐ Departure
  - ☐ Course Interception
  - ☐ Pilotage
  - ☐ Dead Reckoning
  - ☐ Estimates of Ground speed & ETA
- ☐ Navigation Systems & Radar Services
  - ☐ Position checking using VOR's
  - ☐ GPS Navigation
  - ☐ ATC Services – Obtaining Flight Following
- ☐ Lost Procedures
- ☐ Airport Operations/Traffic Patterns
  - ☐ Controlled Airports
  - ☐ Uncontrolled Airports

COMPLETION STANDARDS:

National Airspace System: Identify the types of controlled & special use airspace through which the flight is planned as well as interpret topographic & other features on the VFR sectional Chart. Use the Chart Supplement to augment information provided by the VFR Sectional Chart.

Cross Country Flight Planning: With instructor assistance create a NAVLOG allowing for the flight to be completed using a combination of pilotage, dead reckoning & use of VOR & GPS navigation systems.

Weather/NOTAM Analysis: Obtain a weather briefing & with instructor assistance use the information for flight planning & making a go/no-go decision.

Limitations: Given environmental conditions determine whether the airplane has the performance to achieve the required ground speed, altitude and has the fuel endurance to safely make the cross-country flight.

Pilotage/Dead Reckoning: Identify check points and landmarks along the route of flight. Apply the computed wind correction angle. Arrive at each checkpoint within 8 minutes of the time computed on their navigation log. Determine actual ground speed & adjust ETAs to subsequent check points.

Navigation Systems & Radar Services:
- Contact a TRACON or ARTCC to obtain flight-following services.
- Use the GPS "Direct" function to determine a course to an airport as well as determine ETE, ETA & ground speed. Use the "NRST" function to determine the location of the nearest airports, AFSS & ARTCC frequencies.
- Use VOR's to cross check position.

AFSS Services: Open & close an ICAO VFR Flight Plan, Contact AFSS for weather updates & provide at least one PIREP.

Diversion Procedures: Discuss a scenario presented by the instructor, learn how to divert to a nearby airport.

Lost Procedures: Given a scenario presented by the instructor, learn the appropriate actions when in doubt of the aircraft's position.

Aircraft Control: Altitude +/-250 ft., Heading +/-20 °, Airspeed +/-10 kts.

Airport Operations/Traffic Patterns/Takeoffs/Landings: Demonstrate correct airport operations & traffic pattern entry at both controlled & uncontrolled airports. In scenarios provided by the instructor, determine the need for & execute at least one short-field takeoff & maximum performance climb, one soft-field takeoff & climb, a short-field approach & landing & a soft-field approach & landing. Short field takeoff & maximum performance climbs, soft field takeoff & climb, short & soft field landings will be performed to the standards of the private pilot ACS with the following exceptions. At least one takeoff & landing will be at an airport greater than 50 nautical miles from OUN.

- Short Field Takeoff & Maximum Performance Climb: Maintains Vx +15/-5 kts.
- Soft Field Takeoffs: Maintain Vx +15/-5 kts. when Vx is called for. Maintain Vy +10/-5kts.
- Short Field Landings: Touchdown -0/+300 ft. Beyond a specified touchdown point.

***NOTE:** If short and soft field takeoffs and landings do not meet lesson completion standards during the cross-country portion of the lesson, they may be completed in a local area traffic pattern.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0		1.0				1		0.5	

STAGE II FLIGHT LESSON 12 <u>DUAL LOCAL-NIGHT</u>

LESSON OBJECTIVE:

During this lesson, the student is introduced to the operational aspects of night flights. Special emphasis is placed upon the student learning the additional planning and flight considerations necessary when operating in the night environment.

Lesson Introduction

- ☐ Night Preflight Preparation & Procedures
  - ☐ Human Factors
  - ☐ Flight Planning Considerations
  - ☐ Preflight Inspection
  - ☐ Preparation & Equipment
  - ☐ Taxiing
- ☐ Night Flight
  - ☐ Power-off Stalls
  - ☐ Power-on Stalls
  - ☐ Steep Turns
  - ☐ Maneuvering During Slow Flight
  - ☐ Normal Takeoff & Climb
  - ☐ Normal Approach & Landing
  - ☐ Emergency Approach & Landing (Simulated)
  - ☐ Emergency Descent

COMPLETION STANDARDS:

Gain an appreciation of additional factors involved in preparing for & conducting flight at night. All maneuvers will meet the standards of the Private Pilot ACS with the following exceptions:

Aircraft Control: Display an understanding of the importance of attitude control while flying at night. Altitude will be controlled within +/- 150 ft. & heading +/-15° & airspeed +/-15 kts. during all maneuvers.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
3.0		3.0	3.0		0.2	2		0.5	

STAGE II FLIGHT LESSON 13 DUAL NIGHT CROSS-COUNTRY

LESSON OBJECTIVE:

During this lesson, the student is introduced to night cross-country procedures and the proper techniques to be used during flights out of the local training area. This flight prepares the student to make cross-country flights as the sole occupant of the airplane and will consist of a cross-country flight of more than 100 nautical mile total distance with at least one landing at an airport greater than 50 nautical miles from OUN. All landings will be made to a full stop (with each landing involving a flight in the traffic pattern) at an airport.

Lesson Review

- ☐ Weather Information
- ☐ Cross Country Flight Planning
- ☐ AFSS Services
- ☐ Pilotage and Dead Reckoning
- ☐ Navigation Systems and Radar Services
- ☐ Lost Procedures
- ☐ National Airspace System
- ☐ Night Preflight Preparation and Procedures

Lesson Introduction

- ☐ Night Cross-Country flight Planning
  - ☐ Selection of Checkpoints for Night Flight
  - ☐ Fuel Requirements for Night Flight
- ☐ Night Cross-Country Flight
  - ☐ Diversion Considerations when Flying at Night
  - ☐ Electrical System Failure/Failure of Interior and Exterior Lighting Systems
  - ☐ Inadvertent Flight into IMC (IR)
  - ☐ Risk Management Considerations for Night Flight
- ☐ Night Airport Operations
  - ☐ Controlled Airports
  - ☐ Uncontrolled Airports

COMPLETION STANDARDS:

Cross Country Flight Planning: Create a NAVLOG allowing for the flight to be completed using a combination of pilotage, dead reckoning and use of VOR and GPS navigation systems. Given environmental conditions determine whether the airplane has the performance to achieve the required ground speed, altitude and has the fuel endurance to safely make the cross-country flight

Weather/NOTAM Analysis: Obtain a weather briefing and use the information for flight planning and making a go/no-go decision.

AFSS Services: Open and close an ICAO VFR Flight Plan, Contact AFSS for weather updates and provide at least one PIREP.

Pilotage/Dead Reckoning: Identify landmarks along the route of flight and apply the computed wind correction angle. Arrive at each check point within 5 minutes of the time computed on the navigation log. Given a scenario provided by the instructor, then determine actual ground speed and adjust ETAs to subsequent check points.

Navigation Systems and Radar Services: Contact TRACON or ARTCC to obtain flight-following services. - Use the GPS “Direct” function to determine a course to an airport as well as determine ETE, ETA and ground speed. Use the “NRST” function to determine the location of the nearest airports, AFSS, and ARTCC frequencies. - Use VOR's to cross check position.

Diversion Procedures: Given a scenario presented by the instructor, determine the need to divert to a nearby airport, and calculate the performance data and required information necessary to divert.

Lost Procedures: Given a scenario presented by the instructor, demonstrate the appropriate actions to take when in doubt of the aircraft's position.

Airport Operations: Perform a pattern entry with a normal approach and landing to a full stop and subsequent normal takeoff from an unfamiliar airport. At least one landing will be at an airport more than 50 nautical miles from OUN.

Normal Takeoff and Climb: To the standards of the Private Pilot ACS.

Normal Approach and Landing: To the standards of the Private Pilot ACS.

Aircraft Control: (VR): Altitude will be controlled within +/-200 ft. and heading +/-15° (IR): Altitude +/-250 ft., Heading +/-20°, Airspeed +/-10 kts.

Risk Management: Apply the FRAT to ensure the flight can be conducted safely.

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
2.0								0.5	

STAGE II FLIGHT LESSON 14 <u>DUAL-LOCAL</u>

LESSON OBJECTIVE:

During this lesson, the student will be given a scenario provided by the instructor for the student to plan a cross-country flight to a destination greater than 50 nautical miles from OUN. A notional payload will be provided that will restrict the fuel load. The student will prepare for the stage 2 stage check with focus on cross country navigation and diversions.

CONTENT:

Lesson Review

- ☐ Preflight Preparation
  - ☐ Weather Information
  - ☐ Cross-Country Planning
  - ☐ National Airspace System
- ☐ Preflight Procedures – Flight Deck Management
- ☐ Navigation
  - ☐ ICAO Flight Plan
  - ☐ Use of Power Settings and Mixture Control
  - ☐ Departure
  - ☐ Course Interception
  - ☐ Obtaining Flight Following
  - ☐ VOR Navigation
  - ☐ GPS Navigation
  - ☐ Pilotage
  - ☐ Dead Reckoning
  - ☐ Diversion to Alternate
  - ☐ Lost Procedures
- ☐ Systems and Equipment Malfunctions (at least two)
- ☐ Inadvertent Flight into IMC/Recovery from Unusual Flight Attitudes (IR)
- ☐ Short-Field Takeoff and Maximum Performance Climb
- ☐ Short-Field Approach and Landing

COMPLETION STANDARDS:

Short Field Approach and Landing: Performed to Private Pilot ACS standards, except touchdown -0/+250 ft.

Short Field Takeoff and Maximum Performance Climb: Private Pilot ACS Standards except Vx +15/-5 KIAS.

Weather Information: Obtain a weather briefing and explain the briefing to the evaluator and how this information was used to make a go/no-go decision.

Cross Country Flight Planning: Create a NAVLOG allowing for the flight to be completed using a combination of pilotage, dead reckoning and use of VOR and GPS navigation systems. The student demonstrates to the instructor the flight can realistically be executed as planned.

ICAO Flight Plan: Simulate filing, opening, and closing ICAO Flight Plan.

Flight Following: Determine correct ATC frequency & establish communications with ATC.

Navigation: Use the NAVLOG to execute the flight plan to the top of climb and the first two check points after the top of climb. Through a combination of pilotage, dead reckoning and use VOR's and GPS arrive at each checkpoint within 5 minutes of the planned or updated ETA.

Systems and Equipment Malfunctions: Recognize the nature of the malfunction and respond appropriately.

Emergency Descent: Given a scenario presented by the student determines the need for an emergency descent and executes it to the standards of the Private Pilot ACS.

Diversion: Given a scenario presented by the evaluator, determine the need to divert to a nearby airport & execute the diversion. Arrive at diversion airport within 5 mins. of ETA, correctly enter the traffic pattern & execute the appropriate type of landing.

Lost Procedures: Given a scenario presented by the evaluator the student takes appropriate actions when the position of the aircraft is in doubt.

Aircraft control: (VR): To the Private Pilot ACS standards

VOR: The student will be able to correctly identify the VOR Radial, distance to the station, and heading to fly to the station.

GPS: The student will be able to correctly load a flight plan on the GPS, determine the nearest airport, and display current and forecast weather if available. The student will accurately determine GS, ETA, and distance to the programmed fixes and use the NRST function.

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
									1.0

STAGE II FLIGHT LESSON 15 <u>QUIZ</u>

LESSON OBJECTIVE:

The objective of this lesson is to test the students' knowledge through a quiz. The quiz will consist of the following topics.

CONTENT:

- ☐ Short Field Takeoff and Climb
- ☐ Short Field Approach and Landing
- ☐ Soft Field Takeoff and Climb
- ☐ Soft Field Approach and Landing
- ☐ Night Operations
- ☐ Weather Information
- ☐ Cross country Planning
- ☐ National Airspace System
- ☐ ICAO Flight Plan

COMPLETION STANDARDS:

Score at least 70% on the quiz. In addition, the instructor is responsible for reviewing those questions missed

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.5					0.2			0.5	0.5

STAGE II FLIGHT LESSON 16 <u>DUAL STAGE CHECK</u>

LESSON OBJECTIVE:

This stage check, conducted by the chief, assistant, or check instructor, will evaluate the student's ability to plan and conduct cross-country flights. The student will plan a cross-country flight to a destination greater than 50 nautical miles distance from OUN. The student will be given a notional payload that will require them to determine how much fuel they can carry.

CONTENT:

- ☐ Preflight Preparation
  - ☐ Weather Information
  - ☐ Cross-Country Planning
  - ☐ National Airspace System
- ☐ Preflight Procedures – Flight Deck Management
- ☐ Navigation
  - ☐ ICAO Flight Plan
  - ☐ Use of Power Settings and Mixture Control
  - ☐ Departure
  - ☐ Course Interception
  - ☐ Obtaining Flight Following
  - ☐ VOR Navigation
  - ☐ GPS Navigation
  - ☐ Pilotage
  - ☐ Dead Reckoning
  - ☐ Diversion to Alternate
  - ☐ Lost Procedures
- ☐ Systems and Equipment Malfunctions (at least two)
- ☐ Inadvertent Flight into IMC/Recovery from Unusual Flight Attitudes (IR)
- ☐ Emergency Descent
- ☐ Takeoffs and Landings
  - ☐ Short Field Takeoff and Maximum Performance Climb
  - ☐ Short Field Approach and Landing

COMPLETION STANDARDS:

Weather Information: Obtain a weather briefing and explain the briefing to the evaluator and how this information was used to make a go/no-go decision.

Cross Country Flight Planning: Create a NAVLOG allowing for the flight to be completed using a combination of pilotage, dead reckoning and use of VOR and GPS navigation systems. The student demonstrates that the flight can realistically be executed as planned.

ICAO Flight Plan: Simulate filing, opening, and closing of an ICAO Flight Plan.

Flight Following: Determine correct ATC frequency and establish communications with ATC.

Navigation: Use the NAVLOG to execute the flight plan to the top of climb & the first two checkpoints after the top of climb. Through a combination of pilotage, dead reckoning & use of VOR's & GPS, they arrive at each checkpoint within 5 minutes of the planned or updated ETA.

Systems & Equipment Malfunctions: Recognize the nature of the malfunction and respond appropriately.

Emergency Descent: Given a scenario presented by the evaluator to determine the need for an emergency descent & execute it to the standards of the Private Pilot ACS.

Diversion: Given a scenario presented by the evaluator, determine the need to divert to a nearby airport and execute the diversion. Arrive at the diversion airport within 5 minutes of ETA, correctly enter the traffic pattern & execute the appropriate type of landing.

Lost Procedures: Given a scenario presented by the evaluator, take appropriate actions when the position of the aircraft is in doubt.

Aircraft control: **(VR):** To Private Pilot ACS standards
(IR): Altitude: +/-250 ft., Heading: +/-25°, Airspeed: +/-15 kts.

VOR: The student will be able to correctly identify the VOR Radial, distance to the station, & heading to fly to the station.

GPS: The student will be able to correctly load a flight plan on the GPS, determine the nearest airport, & display current & forecast weather if available. The student will accurately determine GS, ETA, & distance to the programmed fixes & use the NRST function.

Short Field Takeoff & Maximum Performance Climb: Private Pilot ACS Standards except Vx +15/-5 KTS.

Short Field Approach & Landing: Performed to Private Pilot ACS standards, except touchdown -0/+250 ft.

INSTRUCTOR NOTES:

STAGE III

STAGE OBJECTIVE

During this stage, the student will complete solo cross-country requirements. In addition, the student will increase proficiency in order to meet or exceed the standards of the Private Pilot ACS.

STAGE COMPLETION STANDARD

The student must complete a comprehensive final stage check. The details of this stage check are contained in Stage 3, Flight Lesson 9.

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE III FLIGHT LESSON 1 DUAL LOCAL

LESSON OBJECTIVE:

During this flight, the instructor will review flight maneuvers to demonstrate proficiency required by the Private Pilot ACS.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Forward Slips to Landing
- ☐ Go-Around From a Rejected Landing
- ☐ Systems and Equipment Malfunctions (at least two)
- ☐ Emergency Descent
- ☐ Steep Turns
- ☐ Maneuvering During Slow Flight
- ☐ Power-On Stall
- ☐ Power-Off Stall
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Complete all maneuvers to the standards of the Private Pilot ACS.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
	1.0							0.5	

STAGE III FLIGHT LESSON 2 <u>SOLO LOCAL</u>

LESSON OBJECTIVE:

During this flight, the student will review the listed procedures.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Steep Turns
- ☐ Maneuvering During Slow Flight
- ☐ Power-On Stall
- ☐ Power-Off Stall
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Complete all maneuvers to the standards of the Private Pilot ACS.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0					0.2			0.5	

STAGE III FLIGHT LESSON 3 DUAL LOCAL

LESSON OBJECTIVE:

During this flight, the instructor reviews and evaluates the student's proficiency in preparation for the end of course stage check

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Straight and Level Flight (IR)
- ☐ Turns to Headings (IR)
- ☐ Constant Airspeed Climbs (IR)
- ☐ Constant Airspeed Descents (IR)
- ☐ Unusual Attitude Recoveries (IR)
- ☐ Systems and Equipment Malfunctions (at least two)
- ☐ Emergency Approach and Landing
- ☐ Ground Reference Maneuvers
  - ☐ Turns Around a Point
  - ☐ S-Turns
  - ☐ Rectangular Course
- ☐ Post Flight Procedures

COMPLETION STANDARDS:

Complete all maneuvers to the standards of the Private Pilot ACS.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD	Pre Post	GI
	2.5			2.5			1	0.5	

STAGE III FLIGHT LESSON 4 SOLO CROSS-COUNTRY

LESSON OBJECTIVE:

During this lesson, the student will complete the cross-country requirement. This flight must be of at least 100 nautical miles, with landings at a minimum of three points, and one segment of the flight consisting of a straight-line distance of more than 50 nautical miles between the takeoff and landing locations.

NOTE: By the lesson the student will have completed a minimum of three solo takeoffs and landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport with an operating control tower.

CONTENT:

Lesson Review

- ☐ Preflight Preparation
- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Normal Takeoff and Climb
- ☐ Normal Approach and Landing
- ☐ Navigation
- ☐ Post Flight Procedures

COMPLETION STANDARDS:

The student will complete the solo cross-country flight defined in the lesson objective.

STUDENT NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD.	Pre Post	GI
1.0		1.0				1 SEE NOTE		0.5	

STAGE III FLIGHT LESSON 5 <u>DUAL-LOCAL NIGHT</u>

LESSON OBJECTIVE:

During this lesson, the student reviews the operational aspects of night flight.

CONTENT:

Lesson Review

- ☐ Night Preparation
- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Normal Takeoff and Climb
- ☐ Normal Approach and Landing
- ☐ Maneuvering During Slow Flight
- ☐ Power-off Stalls
- ☐ Power-on Stalls
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Complete all maneuvers to the standards of the Private Pilot ACS.

***Note:** Through a combination of this lesson, stage II lesson 12, and stage II lesson 13, the student will have completed 10 takeoffs and landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
1.0								0.5	

STAGE III FLIGHT LESSON 6 <u>DUAL LOCAL</u>

LESSON OBJECTIVE:

During this flight, the instructor will review flight maneuvers to demonstrate proficiency required by the Private Pilot ACS.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Forward Slips to Landing
- ☐ Go-Around From a Rejected Landing
- ☐ Systems and Equipment Malfunctions (at least two)
- ☐ Emergency Descent
- ☐ Steep Turns
- ☐ Maneuvering During Slow Flight
- ☐ Power-On Stall
- ☐ Power-Off Stall
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Complete all maneuvers to the standards of the Private Pilot ACS.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD.	Pre Post	GI
2.0					0.2			0.5	

STAGE III FLIGHT LESSON 7 DUAL-LOCAL

LESSON OBJECTIVE:

During this flight, the instructor evaluates the student's proficiency in the listed procedures in preparation for the end of course Stage Check.

CONTENT:

Lesson Review

- ☐ Preflight Procedures
- ☐ Airport Operations
- ☐ Short Field Takeoff and Maximum Performance Climb
- ☐ Short Field Approach and Landing
- ☐ Soft Field Takeoff and Climb
- ☐ Soft Field Approach and Landing
- ☐ Forward Slip to a Landing
- ☐ Systems and Equipment Malfunction (at least two)
- ☐ Emergency Descent
- ☐ Straight and Level Flight (IR)
- ☐ Turns to Headings (IR)
- ☐ Constant Airspeed Climbs (IR)
- ☐ Constant Airspeed Descents (IR)
- ☐ Unusual Attitude Recoveries (IR)
- ☐ Maneuvering During Slow Flight
- ☐ Power On Stalls
- ☐ Power Off Stalls
- ☐ Steep Turns
- ☐ Ground Reference Maneuvers
  - ☐ S-Turns
  - ☐ Turns Around a Point
  - ☐ Rectangular Course
- ☐ Post Flight Procedures

COMPLETION STANDARDS:

Complete all maneuvers to the standards of the Private Pilot ACS.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD.	Pre Post	GI
									3.0

STAGE III FLIGHT LESSON 8 QUIZ

LESSON OBJECTIVE:

This lesson is to evaluate the student's knowledge through a quiz.

CONTENT:

- ☐ Preflight Preparation
- ☐ Preflight Procedures
- ☐ Airworthiness Requirements
- ☐ Weather Information
- ☐ Cross Country Flight Planning
- ☐ National Airspace System
- ☐ Performance and Limitations
- ☐ Operation of Systems
- ☐ Human Factors
- ☐ Airport Operations
- ☐ Takeoffs, Landings and Go-Arounds
- ☐ Performance and Ground Reference Maneuvers
- ☐ Navigation
- ☐ Slow Flight and Stalls
- ☐ Basic Instrument Maneuvers
- ☐ Emergency Operations
- ☐ Night Operations
- ☐ Postflight Procedures

COMPLETION STANDARDS:

Score at least 70% on the quiz. In addition, the instructor will review questions missed. The instructor will also review the student's FAA Private Pilot Airplane Knowledge test report and ensure satisfactory knowledge of the subject areas in which they were deficient.

INSTRUCTOR NOTES:

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	SOCT LD.	Pre Post	GI
1.5					0.2			0.5	1.5

***STAGE III FLIGHT LESSON 9 DUAL EOC STAGE-CHECK**

LESSON OBJECTIVE:

The student will demonstrate satisfactory knowledge, risk management and skills in the tasks specified below from the Private Pilot - Airplane ACS for initial award of a Private Pilot Certificate with Airplane Single Engine Land Rating. This lesson is the final stage check conducted by the Chief or Assistant Chief Flight Instructor or Check Instructor approved by the FSDO. This stage check will be equal in scope, depth and difficulty to the practical test prescribed by the current version of the Private Pilot - Airplane ACS. It will be conducted using a plan of action to evaluate the following tasks. A minimum of one knowledge, one risk management and one skill criterion will be evaluated for each task. Prior to the test the evaluator will check for updates to the Private Pilot Airman Certification Standards and incorporate any changes into the plan of action.

CONTENT:

- ☐ AOI: Preflight Preparation
  - ☐ Pilot Qualifications (AOI, Task A)
  - ☐ Airworthiness Requirements (AOI, Task B)
  - ☐ Weather Information (AOI, Task C)
  - ☐ Cross-Country Flight Planning (AOI, Task D)
  - ☐ National Airspace System (AOI, Task E)
  - ☐ Performance and Limitations (AOI, Task F)
  - ☐ Operation of Systems (AOI, Task G)
  - ☐ Human Factors (AOI, Task H
- ☐ AOII: Preflight Procedures
  - ☐ Preflight Assessment (AOII, Task A)
  - ☐ Flight Deck Management (AOII, Task B)
  - ☐ Engine Starting (AOII, Task C)
  - ☐ Taxiing (AOII, Task D)
  - ☐ Before Takeoff Check (AOII, Task F)
- ☐ AOIII: Airport and Seaplane Base Operations
  - ☐ Communications, Light Gun Signals, and Runway Lighting Systems (AOIII, Task A)
  - ☐ Traffic Patterns (AOIII, Task B)
- ☐ AOIV: Takeoffs, Landings, and Go-Arounds
  - ☐ Normal Takeoff and Climb (AOIV, Task A)
  - ☐ Normal Approach and Landing (AOIV, Task B)
  - ☐ Soft-Field Takeoff and Climb (AOIV, Task C)
  - ☐ Soft-Field Approach and Landing (AOIV, Task D)
  - ☐ Short-Field Takeoff and Maximum Performance Climb (AOIV, Task E)
  - ☐ Short-Field Approach and Landing (AOIV, Task F)
  - ☐ Forward Slip to a Landing (AOIV, Task M)
  - ☐ Go-Around/Rejected Landing (AOIV, Task N)
- ☐ AOV: Performance Maneuvers and Ground Reference Maneuvers
  - ☐ Steep Turns (AOV, Task A)
  - ☐ Ground Reference Maneuvers (AOV, Task B)
- ☐ AOVI: Navigation
  - ☐ Pilotage and Dead Reckoning (AOVI, Task A)
  - ☐ Navigation Systems and Radar Services (AOVI, Task B)
  - ☐ Diversion (AOVI, Task C)
  - ☐ Lost Procedures (AOVI, Task D)
- ☐ AOVII: Slow Flight and Stalls
  - ☐ Maneuvering During Slow Flight (AOVII, Task A)
  - ☐ Power-Off Stalls (AOVII, Task B)
  - ☐ Power-On Stalls (AOVII, Task C)
  - ☐ Spin Awareness (AOVII, Task D)
- ☐ AOVIII: Basic Instrument Maneuvers
  - ☐ Straight and Level Flight (AOVIII, Task A)
  - ☐ Constant Airspeed Climbs (AOVIII, Task B)
  - ☐ Constant Airspeed Descents (AOVIII, Task C)
  - ☐ Turns to Headings (AOVIII, Task D)
  - ☐ Recovering Unusual Flight Attitudes (AOVIII, Task E)
  - ☐ Radio Communications, Navigation Systems/Facilities and Radar Services (AOVIII, Task F)

- ☐ AOIX: Emergency Operations
  - ☐ Emergency Descent (AOIX, Task A)
  - ☐ Emergency Approach and Landing (Simulated) (AOIX, Task B)
  - ☐ System and Equipment Malfunctions (AOIX, Task C)
  - ☐ Emergency Equipment & Survival Gear (AOIX, Task D)
- ☐ AOXI: Night Operations
  - ☐ Night Preparation (AOXI, Task A)
- ☐ AOXII: Postflight Procedures
  - ☐ After Landing, Parking and Securing (AOXII, Task A)

COMPLETION STANDARDS:

Demonstrate proficiency accordance with the Private Pilot Airman Certification Standards

EXAMINER NOTES: