



# **AERO ATLANTA FLIGHT CENTER**

***PRIVATE PILOT***

***FLIGHT TRAINING SYLLABUS***

**Student:**

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# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## TABLE OF CONTENTS

Lesson Number	Activity Type	Pre and Post briefings	Flight Time
1	Preflight & Four Fundamentals - Dual		
2	Four Fundamentals & Basic Maneuvers - Dual		
3	Introduction to Slow Flight and Power Off/Arrival Stalls - Dual		
4	Power-On/Departure Stalls, Steep Turns and Emergency Procedures - Dual		
5	Lesson 5 – Ground Reference Maneuvers, Stalls - Dual		
6	Airport Operations, Traffic Patterns and Landings - Dual		
7	Critical Flight Situations and Landings - Dual		
8	Landings and Pre-Solo Written Exam - Dual		
9	Pre-Solo Progress Check - Dual		
10	Practice in the Pattern – Dual and Solo		
11	Practice in Traffic Pattern – Dual and Solo		
12	Performance Takeoffs and Landings – Dual		
13	Basic Attitude Instrument Flight - Dual		
14	Basic Attitude Instrument Review, Maneuvers, Navigation and Solo - Dual and Solo		
15	Maneuvers Proficiency - Solo		
16	Navigation and Maneuvers - Dual		
17	Night Operations - Dual		
18	Cross Country - Dual		
19	Night Cross Country - Dual		
20	Cross Country - Dual		
21	Cross Country - Solo		
22	Progress Check - Dual		
23	Cross Country - Solo		
24	Maneuvers Review - Dual		
25	Maneuvers Practice – Solo		
26	Maneuvers and Practical Test Review - Dual		
27	Final Progress Check - Dual		

**Home Study**  
**GL- Ground Lesson**  
**ML- Maneuver Lesson**  
**FL- Flight Lesson**

# Stage 1

## Lessons 1-8

### Pre-Solo



# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 1 – Preflight & Four Fundamentals - Dual

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### Objective

The student will become familiar with preflight inspection, checklists, use of flight controls and their effect on taxiing and in-flight. Introduce the four basic maneuvers (climbs, descents, turns, straight-and-level).

### Grade

S	_____	_____	IMSAFE Checklist
S	_____	_____	Preflight inspection and examination of documents
S	_____	_____	Controls: their effect on the ground and in the air
S	_____	_____	Positive exchange of flight controls
S	_____	_____	Starting procedures
S	_____	_____	Taxi
S	_____	_____	Pre-takeoff check
S	_____	_____	Individual control functions and effect
S	_____	_____	Climbs
S	_____	_____	Turns
S	_____	_____	Descents
S	_____	_____	Trimming the aircraft
S	_____	_____	Collision avoidance
S	_____	_____	Checklist Usage
S	_____	_____	After landing procedures and securing aircraft

**Completion Standards:** Altitude  $\pm 200$  feet, Airspeed  $\pm 20$  knots, Heading  $\pm 20$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**GL02, GL03, FL01, GL04, ML01, ML02 ML03, ML04 And all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 2- Four Fundamentals and Basic Maneuvers - Dual

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### Objective

The student will become familiar with preflight inspection, checklists, use of flight controls and their effect on taxiing and in-flight. Continue working on the four basic maneuvers (climbs, descents, turns, straight-and-level).

### Grade

- |   |       |       |  |
|---|-------|-------|--|
| S | _____ | _____ | IMSAFE Checklist                               |
| S | _____ | _____ | Radio communications                           |
| S | _____ | _____ | Airplane servicing and inspections             |
| S | _____ | _____ | Positive exchange of flight controls           |
| S | _____ | _____ | Starting procedures                            |
| S | _____ | _____ | Taxi   |
| S | _____ | _____ | Pre-takeoff check                              |
| S | _____ | _____ | Individual control functions and effect        |
| S | _____ | _____ | Four Fundamentals                              |
| S | _____ | _____ | Medium banked turns                            |
| S | _____ | _____ | Collision avoidance                            |
| S | _____ | _____ | Checklist Usage                                |
| S | _____ | _____ | After landing procedures and securing aircraft |
| S | _____ | _____ | Normal Approach and landing                    |
| S | _____ | _____ | Outline practice area                          |

**Completion Standards:** Altitude  $\pm 200$  feet, Airspeed  $\pm 20$  knots, Heading  $\pm 20$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**GL07, GL08, GL09, ML05, ML06, ML07, and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 3 –Introduction to Slow Flight and Power Off/Arrival Stalls - Dual

### Objective

The student will become familiar with slow flight, power off stalls and in-flight emergencies. The student will be able to recognize an approaching stall.

### Grade

- |   |       |       |  |
|---|-------|-------|--|
| S | _____ | _____ | Airworthiness requirements                     |
| S | _____ | _____ | Minimum required equipment for VFR             |
| S | _____ | _____ | Positive exchange of flight controls           |
| S | _____ | _____ | Spin awareness and recovery                    |
| S | _____ | _____ | Starting procedures                            |
| S | _____ | _____ | Taxi   |
| S | _____ | _____ | Pre-takeoff check                              |
| S | _____ | _____ | Individual control functions and effect        |
| S | _____ | _____ | Four fundamentals                              |
| S | _____ | _____ | Radio communications                           |
| S | _____ | _____ | Power off/arrival stall introduction           |
| S | _____ | _____ | Slow flight introduction                       |
| S | _____ | _____ | Trimming the aircraft                          |
| S | _____ | _____ | Collision avoidance                            |
| S | _____ | _____ | Checklist usage                                |
| S | _____ | _____ | Normal approach and landing                    |
| S | _____ | _____ | After landing procedures and securing aircraft |

**Completion Standards:** Altitude  $\pm 200$  feet, Airspeed  $\pm 20$  knots, Heading  $\pm 20$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**GL05, GL10, ML11, ML12, FL02, FL03, FL06 and all associated exams**

Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

Student Signature \_\_\_\_\_

Printed \_\_\_\_\_

CFI Signature, Num, and Exp. \_\_\_\_\_

Printed \_\_\_\_\_

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 4 – Power-On/Departure Stalls, Steep Turns and Emergency Procedures - Dual

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### Objective

The student will become familiar with preflight inspection, checklists, use of flight controls and their effect on taxiing and in-flight. Introduce the four basic maneuvers (climbs, descents, turns, straight-and-level).

### Grade

- |          |       |       |  |
|----------|-------|-------|--|
| <b>S</b> | _____ | _____ | Sectional chart introduction                   |
| <b>S</b> | _____ | _____ | Radio communications                           |
| <b>S</b> | _____ | _____ | Power on/departure stalls                      |
| <b>S</b> | _____ | _____ | Demonstration stalls                           |
| <b>S</b> | _____ | _____ | Slow flight                                    |
| <b>S</b> | _____ | _____ | Steep turns                                    |
| <b>S</b> | _____ | _____ | Power off/arrival stall                        |
| <b>S</b> | _____ | _____ | In flight emergencies                          |
| <b>S</b> | _____ | _____ | Engine roughness/failure procedures            |
| <b>S</b> | _____ | _____ | Ditching procedure                             |
| <b>S</b> | _____ | _____ | Normal approach and low approaches             |
| <b>S</b> | _____ | _____ | After landing procedures and securing aircraft |

**Completion Standards:** Altitude  $\pm 200$  feet, Airspeed  $\pm 20$  knots, Heading  $\pm 20$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**GL15, ML09, ML10, FL05, ML13, ML14**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 5 – Ground Reference Maneuvers, Stalls - Dual

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### Objective

The student will become familiar with ground reference maneuvers, dividing attention and developing coordination.

### Grade

- |   |       |       |  |
|---|-------|-------|--|
| S | _____ | _____ | Radio communications                           |
| S | _____ | _____ | Power off/arrival stalls                       |
| S | _____ | _____ | Power on/departure stalls                      |
| S | _____ | _____ | Turns around a point                           |
| S | _____ | _____ | Rectangular course                             |
| S | _____ | _____ | S-turns across a road                          |
| S | _____ | _____ | Introduction to landings                       |
| S | _____ | _____ | Action of flaps                                |
| S | _____ | _____ | In flight emergencies                          |
| S | _____ | _____ | Engine failure/ditching procedures             |
| S | _____ | _____ | Normal approach and landings                   |
| S | _____ | _____ | After landing procedures and securing aircraft |

**Completion Standards:** Altitude  $\pm 150$  feet, Airspeed  $\pm 10$  knots, Heading  $\pm 15$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**GL11, GL12, GL13**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed



# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 6 – Airport Operations, Traffic Patterns and Landings - Dual

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### Objective

The student will become familiar with ground reference maneuvers, dividing attention and developing coordination.

### Grade

- |   |       |       |  |
|---|-------|-------|--|
| S | _____ | _____ | Radio communications                           |
| S | _____ | _____ | Aborted takeoff                                |
| S | _____ | _____ | Slow flight and stalls                         |
| S | _____ | _____ | Power on/departure stalls                      |
| S | _____ | _____ | Turns around a point                           |
| S | _____ | _____ | Rectangular course                             |
| S | _____ | _____ | S-turns across a road                          |
| S | _____ | _____ | Introduction to landings                       |
| S | _____ | _____ | Normal approach and landing                    |
| S | _____ | _____ | Go arounds                                     |
| S | _____ | _____ | After landing procedures and securing aircraft |

**Completion Standards:** Altitude  $\pm 100$  feet, Airspeed  $\pm 10$  knots

### NOTES:

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### Study Assignment for Next Lesson:

**GL16, FL07, ML15 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 7 – Critical Flight Situations and Landings - Dual

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### Objective

The student will become more proficient in recognition and recovery from critical flight situations and become familiar with traffic pattern operations and landings

### Grade

S	___	___	Radio communications
S	___	___	Aborted takeoffs
S	___	___	Emergency Landings
S	___	___	Crosswind takeoffs and landings
S	___	___	Forward slips to landing
S	___	___	Go arounds
S	___	___	Wake turbulence avoidance
S	___	___	Wind shear recognition and avoidance
S	___	___	Reduced flap/no flap landings
S	___	___	Normal approach and landing

**Completion Standards:** Altitude  $\pm 100$  feet, Airspeed  $\pm 10$  knots, Minimal assistance with takeoffs and landings

### NOTES:

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### Study Assignment for Next Lesson:

**GL20, FL08, Stage 1 Exam and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 8 - Landings and Pre-Solo Written Exam - Dual

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### Objective

The student will become more proficient with traffic patterns, takeoffs and landings

### Grade

- S \_\_\_\_\_ Radio communications
- S \_\_\_\_\_ Normal takeoffs and landings
- S \_\_\_\_\_ Emergency Landings
- S \_\_\_\_\_ Crosswind takeoffs and landings
- S \_\_\_\_\_ Forward slips to landing
- S \_\_\_\_\_ Go arounds
- S \_\_\_\_\_ Pre-solo written exam
- S \_\_\_\_\_ Wind shear recognition and avoidance
- S \_\_\_\_\_ Normal approach and landing

**Completion Standards:** Altitude  $\pm 100$  feet, Airspeed  $\pm 5$  knots, unassisted takeoffs and landings

### NOTES:

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### Study Assignment for Next Lesson:

**Pre-solo written exam, FL09, FL10, FL11**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

## Stage 2

### Lessons 9-21

### Night, BAI & Cross Country



# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 9- Pre-Solo Progress Check - Dual

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### Objective

The student will perform the required tasks and maneuvers unassisted while being evaluated by the instructor.

### Grade

- |   |       |       |  |
|---|-------|-------|--|
| S | _____ | _____ | Preflight                                    |
| S | _____ | _____ | Cockpit managements                          |
| S | _____ | _____ | Starting procedures                          |
| S | _____ | _____ | Checklist usage                              |
| S | _____ | _____ | Taxi and run-up                              |
| S | _____ | _____ | Takeoff and climb out to practice area       |
| S | _____ | _____ | Slow flight and stalls                       |
| S | _____ | _____ | Steep turns                                  |
| S | _____ | _____ | Emergency procedures                         |
| S | _____ | _____ | Return to airport                            |
| S | _____ | _____ | Pattern entry                                |
| S | _____ | _____ | Stabilized approaches and landings           |
| S | _____ | _____ | Radio procedures                             |
| S | _____ | _____ | After landing procedures                     |
| S | _____ | _____ | Securing aircraft and post-flight procedures |

**Completion Standards:** Altitude  $\pm 100$  feet, Airspeed  $\pm 5$  knots, Heading  $\pm 10$  degrees, unassisted takeoffs and landings

### NOTES:

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### Study Assignment for Next Lesson:

**Review ML05, ML06, ML07, ML09**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 10- Practice in the Pattern – Dual and Solo

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### Objective

The student will gain further proficiency in takeoffs and landings and complete 3 solo full stop taxi-back landings

### Grade

S    \_\_\_    \_\_\_    Takeoffs and landings  
S    \_\_\_    \_\_\_    Go arounds  
S    \_\_\_    \_\_\_    Crosswind takeoffs and landings  
S    \_\_\_    \_\_\_    Solo takeoffs and landings

**Completion Standards:** Altitude  $\pm 100$  feet, Airspeed  $\pm 5$  knots, Heading  $\pm 10$  degrees, unassisted takeoffs and landings

### NOTES:



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### Study Assignment for Next Lesson:

**Review ML10, ML11, ML12, FL06**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER

## PRIVATE PILOT SYLLABUS

### Endorsement – Initial Solo

I certify that (first name, MI, last name) \_\_\_\_\_  
has satisfactorily completed the pre-solo knowledge examination as required by 14 CFR §61.87(b), and  
has received the required pre-solo training for the (make and model aircraft) \_\_\_\_\_ .  
I have determined he/she has demonstrated the proficiency required in §61.87(d) and is proficient to  
make solo flights in (make and model aircraft) \_\_\_\_\_ .

_____ Date	_____ Instructor's Signature	_____ Certificate No.	_____ Exp. Date
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### **Instructor Note: Endorse student pilot certificate and logbook.**

Regulations limit this endorsement to 90 days. At the end of 90 days the student must pass a flight check by a certified flight instructor who so endorses the student's logbook.

### **§ 61.83 Eligibility requirements for student pilots.**

To be eligible for a student pilot certificate, an applicant must:

- (a) Be at least 16 years of age for other than the operation of a glider or balloon.
- (b) Be at least 14 years of age for the operation of a glider or balloon.]
- (c) Be able to read, speak, write, and understand the English language. If the applicant is unable to meet one of these requirements due to medical reasons, then the Administrator may place such operating limitations on that applicant's pilot certificate as are necessary for the safe operation of the aircraft.

### **§ 61.85 Application.**

An application for a student pilot certificate is made on a form and in a manner provided by the Administrator and is submitted to:

- (a) A designated aviation medical examiner if applying for an FAA medical certificate under part 67 of this chapter;
- (b) An examiner; or
- (c) A Flight Standards District Office.

### **§ 61.87 Solo requirements for student pilots.**

**(a) General. A student pilot may not operate an aircraft in solo flight unless that student has met the requirements of this section. The term "solo flight" as used in this subpart means that flight time during which a student pilot is the sole occupant of the aircraft or that flight time during which the student performs the duties of a pilot in command of a gas balloon or an airship requiring more than one pilot flight crewmember.**

**(b) Aeronautical knowledge. A student pilot must demonstrate satisfactory aeronautical knowledge on a knowledge test that meets the requirements of this paragraph:**

**(1) The test must address the student pilot's knowledge of—**

- (i) Applicable sections of parts 61 and 91 of this chapter;**
- (ii) Airspace rules and procedures for the airport where the solo flight will be performed; and**

**(iii) Flight characteristics and operational limitations for the make and model of aircraft to be flown.**

**(2) The student's authorized instructor must—**

- (i) Administer the test; and**
- (ii) At the conclusion of the test, review all incorrect answers with the student before authorizing that student to**

## **AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS**

conduct a solo flight.

(c) *Pre-solo flight training.* Prior to conducting a solo flight, a student pilot must have:

- (1) Received and logged flight training for the maneuvers and procedures of this section that are appropriate to the make and model of aircraft to be flown; and
- (2) Demonstrated satisfactory proficiency and safety, as judged by an authorized instructor, on the maneuvers and procedures required by this section in the make and model of aircraft or similar make and model of aircraft to be flown.

**(d) *Maneuvers and procedures for pre-solo flight training in a single-engine airplane.* A student pilot who is receiving training for a single-engine airplane rating or privileges must receive and log flight training for the following maneuvers and procedures:**

- (1) Proper flight preparation procedures, including preflight planning and preparation, powerplant operation, and aircraft systems;**
- (2) Taxiing or surface operations, including runups;**
- (3) Takeoffs and landings, including normal and crosswind;**
- (4) Straight and level flight, and turns in both directions;**
- (5) Climbs and climbing turns;**
- (6) Airport traffic patterns, including entry and departure procedures;**
- (7) Collision avoidance, windshear avoidance, and wake turbulence avoidance;**
- (8) Descents, with and without turns, using high and low drag configurations;**
- (9) Flight at various airspeeds from cruise to slow flight;**
- (10) Stall entries from various flight attitudes and power combinations with recovery initiated at the first indication of a stall, and recovery from a full stall;**
- (11) Emergency procedures and equipment malfunctions;**
- (12) Ground reference maneuvers;**
- (13) Approaches to a landing area with simulated engine malfunctions;**
- (14) Slips to a landing; and**
- (15) Go-arounds.**



# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 11 - Practice in Traffic Pattern – Dual and Solo

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### Objective

The student will continue to gain proficiency in the traffic pattern

### Grade

S	_____	_____	Normal takeoffs and landings
S	_____	_____	Crosswind takeoffs and landings
S	_____	_____	Slips to landing
S	_____	_____	Go-arounds
S	_____	_____	Aborted takeoffs
S	_____	_____	Solo flight in traffic pattern

**Completion Standards:** Altitude  $\pm 100$  feet, Airspeed  $\pm 5$  knots, Heading  $\pm 10$  degrees, unassisted takeoffs and landings

### NOTES:



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### Study Assignment for Next Lesson:

**GL25, GL26, GL27, ML16, FL12 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 12 - Performance Takeoffs and Landings – Dual

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### Objective

The student will gain an understanding of performance takeoffs and landings

### Grade

S	_____	_____	Short field approach and landing
S	_____	_____	Soft field approach and landing
S	_____	_____	Short field takeoff
S	_____	_____	Soft field takeoff
S	_____	_____	Aborted takeoffs

**Completion Standards:** Airspeed  $\pm 3$  knots, landing on centerline within 400 feet of desired touchdown spot on short field, smooth touch downs on soft field

### NOTES:

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### Study Assignment for Next Lesson:

**GL06, GL14, ML08, FL04 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 13 - Basic Attitude Instrument Flight – Dual

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### Objective

The student will gain an understanding of flight by reference to instruments, instrument scan, VOR tracking and VFR into IMC scenarios

### Grade

S	_____	_____	Instrument scan
S	_____	_____	Straight and level flight
S	_____	_____	Constant airspeed climbs and descents
S	_____	_____	Constant rate climbs and descents
S	_____	_____	Standard rate turns
S	_____	_____	Unusual attitudes
S	_____	_____	Timed turns to headings
S	_____	_____	VOR intercepting and tracking

**Completion Standards:** Altitude  $\pm 250$  feet, airspeed  $\pm 10$  knots, heading  $\pm 20$  degrees, proper scan pattern

### NOTES:

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### Study Assignment for Next Lesson:

**GL29, GL30, GL31 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 14 - Basic Attitude Instrument Review, Maneuvers, Navigation and Solo - Dual and Solo

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### Objective

The student will gain an understanding of flight by reference to instruments, instrument scan, VOR tracking and continue practicing flight maneuvers

### Grade

- |   |       |       |                               |
|---|-------|-------|-------------------------------|
| S | _____ | _____ | Instrument scan               |
| S | _____ | _____ | BAI flight                    |
| S | _____ | _____ | VOR tracking and intercepting |
| S | _____ | _____ | GPS introduction and setup    |
| S | _____ | _____ | Practice area review          |
| S | _____ | _____ | Slow flight                   |
| S | _____ | _____ | Power on and off stalls       |
| S | _____ | _____ | Steep turns                   |
| S | _____ | _____ | Solo flight to practice area  |

**Completion Standards:** Altitude  $\pm 200$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees, proper scan pattern

### NOTES:

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### Study Assignment for Next Lesson:

**GL17, GL18, GL19, FL13 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 15 - Maneuvers Proficiency - Solo

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### Objective

The student will continue to gain proficiency by conducting a solo flight to the practice area to conduct maneuvers

### Grade

S	_____	_____	Slow flight
S	_____	_____	Steep turns
S	_____	_____	Power off stalls
S	_____	_____	Power on stalls
S	_____	_____	Turns around a point
S	_____	_____	Normal takeoffs and landings

**Completion Standards:** Altitude  $\pm 200$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees, stabilized approach and landings

### NOTES:

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### Study Assignment for Next Lesson:

**GL21, GL22, GL28, FL14, FL15 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 16 - Navigation and Maneuvers - Dual

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### Objective

The student will continue to gain understanding of navigation systems and facilities and practice maneuvers

### Grade

S	_____	_____	Instrument scan
S	_____	_____	BAI flight
S	_____	_____	Unusual attitude recoveries
S	_____	_____	VOR tracking and intercepting
S	_____	_____	GPS tracking and flight plan input
S	_____	_____	Ground reference maneuvers
S	_____	_____	Slow flight
S	_____	_____	Power on and off stalls
S	_____	_____	Steep turns

**Completion Standards:** Altitude  $\pm 200$  feet (IR),  $\pm 100$  feet (VR), airspeed  $\pm 5$  knots, heading  $\pm 10$  degrees, proper scan pattern

### NOTES:

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### Study Assignment for Next Lesson:

**GL23, GL24, ML17, FL17 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 17 - Night Operations - Dual

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### Objective

The student will be introduced to night operations and gain night experience. The flight should begin close to sunset to allow student to adapt to night flight.

### Grade

- S \_\_\_\_\_ Aeromedical factors related to night
- S \_\_\_\_\_ Night regulations
- S \_\_\_\_\_ Night preflight
- S \_\_\_\_\_ Night navigation
- S \_\_\_\_\_ Night emergencies
- S \_\_\_\_\_ Takeoffs and landings

**Completion Standards:** Altitude  $\pm 200$ , airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees, proper scan pattern

### NOTES:

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### Study Assignment for Next Lesson:

**GL34, GL35, FL16, FL18, FL20, FL21 and all associated exams**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

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Student Signature

Printed

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CFI Signature, Num, and Exp.

Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 18 - Cross Country - Dual

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### Objective

The student will acquire an understanding of cross country flight using dead reckoning, pilotage and radio navigation. Approved cross country legs: RYY-AHN, RYY-GAD, RYY-CHA and return.

### Grade

- S \_\_\_\_\_ Performance and limitations
- S \_\_\_\_\_ Course plotting
- S \_\_\_\_\_ Flight log and preflight planning
- S \_\_\_\_\_ Weather briefing
- S \_\_\_\_\_ Flight plan filing or traffic advisories
- S \_\_\_\_\_ Use of flight computer
- S \_\_\_\_\_ Cross country flight
- S \_\_\_\_\_ Use of navigation log
- S \_\_\_\_\_ Radio communications
- S \_\_\_\_\_ Diversion
- S \_\_\_\_\_ Lost procedures

**Completion Standards:** Altitude  $\pm 200$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**GL32, GL33 and all associated exams. Stage 2 Exam**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed



# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 19 - Night Cross Country - Dual

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### Objective

The student will gain additional night and cross country experience. Approved cross country legs: RYY-AHN, RYY-CHA, RYY-LGC

### Grade

S	_____	_____	Performance and limitations
S	_____	_____	Course plotting
S	_____	_____	Flight log and preflight planning
S	_____	_____	Weather briefing
S	_____	_____	Flight plan filing or traffic advisories
S	_____	_____	Use of flight computer
S	_____	_____	Cross country flight
S	_____	_____	Use of navigation log
S	_____	_____	Radio communications

**Completion Standards:** Altitude  $\pm 200$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**Review GL26, GL27, GL28**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 20 - Cross Country - Dual

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### Objective

The student will acquire an understanding of cross country flight using dead reckoning, pilotage and radio navigation. Approved cross country legs: RYY-AHN, RYY-GAD, RYY-CHA and return.

### Grade

- S \_\_\_\_\_ Performance and limitations
- S \_\_\_\_\_ Course plotting
- S \_\_\_\_\_ Flight log and preflight planning
- S \_\_\_\_\_ Weather briefing
- S \_\_\_\_\_ Flight plan filing or traffic advisories
- S \_\_\_\_\_ Use of flight computer
- S \_\_\_\_\_ Cross country flight
- S \_\_\_\_\_ Use of navigation log
- S \_\_\_\_\_ Radio communications
- S \_\_\_\_\_ Diversion
- S \_\_\_\_\_ Lost procedures

**Completion Standards:** Altitude  $\pm 200$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**FL22, FL23, Stage 3 Exam**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

## Stage 3

### Lessons 21-27

# Solo Cross Country & Flight Test Preparation



## AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

### § 61.93 Solo cross-country flight requirements.

(a) *General.*

(1) Except as provided in paragraph (b) of this section, a student pilot must meet the requirements of this section before—

- (i) Conducting a solo cross-country flight, or any flight greater than 25 nautical miles from the airport from where the flight originated.
- (ii) Making a solo flight and landing at any location other than the airport of origination.

(2) Except as provided in paragraph (b) of this section, a student pilot who seeks solo cross-country flight privileges must:

- (i) Have received flight training from an instructor authorized to provide flight training on the maneuvers and procedures of this section that are appropriate to the make and model of aircraft for which solo cross-country privileges are sought;
- (ii) Have demonstrated cross-country proficiency on the appropriate maneuvers and procedures of this section to an authorized instructor;
- (iii) Have satisfactorily accomplished the pre-solo flight maneuvers and procedures required by §61.87 of this part in the make and model of aircraft or similar make and model of aircraft for which solo cross-country privileges are sought; and
- (iv) Comply with any limitations included in the authorized instructor's endorsement that are required by paragraph (c) of this section.

(3) A student pilot who seeks solo cross-country flight privileges must have received ground and flight training from an authorized instructor on the cross-country maneuvers and procedures listed in this section that are appropriate to the aircraft to be flown.

(b) *Authorization to perform certain solo flights and cross-country flights.* A student pilot must obtain an endorsement from an authorized instructor to make solo flights from the airport where the student pilot normally receives training to another location. A student pilot who receives this endorsement must comply with the requirements of this paragraph.

(1) Solo flights may be made to another airport that is within 25 nautical miles from the airport where the student pilot normally receives training, provided—

- (i) An authorized instructor has given the student pilot flight training at the other airport, and that training includes flight in both directions over the route, entering and exiting the traffic pattern, and takeoffs and landings at the other airport;
- (ii) The authorized instructor who gave the training endorses the student pilot's logbook authorizing the flight;
- (iii) The student pilot has a solo flight endorsement in accordance with §61.87 of this part;
- (iv) The authorized instructor has determined that the student pilot is proficient to make the flight; and
- (v) The purpose of the flight is to practice takeoffs and landings at that other airport.

(2) Repeated specific solo cross-country flights may be made to another airport that is within 50 nautical miles of the airport from which the flight originated, provided—

- (i) The authorized instructor has given the student flight training in both directions over the route, including entering and exiting the traffic patterns, takeoffs, and landings at the airports to be used;
- (ii) The authorized instructor who gave the training has endorsed the student's logbook certifying that the student is proficient to make such flights;
- (iii) The student has a solo flight endorsement in accordance with §61.87 of this part; and
- (iv) The student has a solo cross country flight endorsement in accordance with paragraph (c) of this section; however, for repeated solo cross country flights to another airport within 50 nautical miles from which the flight originated, separate endorsements are not required to be made for each flight.

(c) *Endorsements for solo cross-country flights.* Except as specified in paragraph (b)(2) of this section, a student pilot must have the endorsements prescribed in this paragraph for each cross-country flight:

(1) *Student pilot certificate endorsement.* A student pilot must have a solo cross-country endorsement from the authorized instructor who conducted the training, and that endorsement must be placed on that person's student pilot certificate for the specific category of aircraft to be flown.

(2) *Logbook endorsement.* (i) A student pilot must have a solo cross-country endorsement from an authorized instructor that is placed in the student pilot's logbook for the specific make and model of aircraft to be flown.

(ii) For each cross-country flight, the authorized instructor who reviews the cross-country planning must make an

## **AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS**

endorsement in the person's logbook after reviewing that person's cross-country planning, as specified in paragraph (d) of this section. The endorsement must—

- (A) Specify the make and model of aircraft to be flown;
- (B) State that the student's preflight planning and preparation is correct and that the student is prepared to make the flight safely under the known conditions; and
- (C) State that any limitations required by the student's authorized instructor are met.
- (d) *Limitations on authorized instructors to permit solo cross-country flights.* An authorized instructor may not permit a student pilot to conduct a solo cross-country flight unless that instructor has:
  - (1) Determined that the student's cross-country planning is correct for the flight;
  - (2) Reviewed the current and forecast weather conditions and has determined that the flight can be completed under VFR;
  - (3) Determined that the student is proficient to conduct the flight safely;
  - (4) Determined that the student has the appropriate solo cross-country endorsement for the make and model of aircraft to be flown; and
  - (5) Determined that the student's solo flight endorsement is current for the make and model aircraft to be flown.

**(e) *Maneuvers and procedures for cross-country flight training in a single-engine airplane.* A student pilot who is receiving training for cross-country flight in a single-engine airplane must receive and log flight training in the following maneuvers and procedures:**

- (1) Use of aeronautical charts for VFR navigation using pilotage and dead reckoning with the aid of a magnetic compass;**
- (2) Use of aircraft performance charts pertaining to cross-country flight;**
- (3) Procurement and analysis of aeronautical weather reports and forecasts, including recognition of critical weather situations and estimating visibility while in flight;**
- (4) Emergency procedures;**
- (5) Traffic pattern procedures that include area departure, area arrival, entry into the traffic pattern, and approach;**
- (6) Procedures and operating practices for collision avoidance, wake turbulence precautions, and windshear avoidance;**
- (7) Recognition, avoidance, and operational restrictions of hazardous terrain features in the geographical area where the cross-country flight will be flown;**
- (8) Procedures for operating the instruments and equipment installed in the aircraft to be flown, including recognition and use of the proper operational procedures and indications;**
- (9) Use of radios for VFR navigation and two-way communication, except that a student pilot seeking a sport pilot certificate must only receive and log flight training on the use of radios installed in the aircraft to be flown;**
- (10) Takeoff, approach, and landing procedures, including short-field, soft-field, and crosswind takeoffs, approaches, and landings;**
- (11) Climbs at best angle and best rate; and**
- (12) Control and maneuvering solely by reference to flight instruments, including straight and level flight, turns, descents, climbs, use of radio aids, and ATC directives. For student pilots seeking a sport pilot certificate, the provisions of this paragraph only apply when receiving training for cross-country flight in an airplane that has a  $V_H$  greater than 87 knots CAS.**

### **Endorsement – Second Solo Cross-Country**

**AERO ATLANTA FLIGHT CENTER  
PRIVATE PILOT SYLLABUS**

I certify that (first name, MI, last name) \_\_\_\_\_  
has received the required solo cross-country training. I find that he/she has met the applicable  
requirements of 14 CFR §61.93 and is proficient to make solo cross country flights in a (make and model  
aircraft). \_\_\_\_\_ .

***Endorse Student Pilot Certificate for solo cross country flight***

I have reviewed the cross-country planning of (first name, MI, last name) \_\_\_\_\_  
I find the planning and preparation to be correct to make the solo flight from (location) \_\_\_\_\_  
to (destination) \_\_\_\_\_ via (route of flight) \_\_\_\_\_  
\_\_\_\_\_ with landings at (name the airports) \_\_\_\_\_  
(make and model aircraft) \_\_\_\_\_ on (date) \_\_\_\_\_ .

(List any applicable conditions or limitations)  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Date                                      Instructor's Signature                                      Certificate No.                                      Exp. Date

**Instructor Note: Endorse student pilot certificate and logbook.**

**All students must take Private Pilot Written Test before conducting solo cross country flights.**

***I certify that (First name, MI, Last name) has received the required training in accordance with section 61.105. I have determined he/she is prepared for the (name the knowledge test).***

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 21 - Solo Cross Country

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### Objective

The student will continue to develop proficiency in cross country and navigation skills by flying a solo cross country flight. Approved airports: AHN, CZL, JZP, PYP, GAD, CHA, CSG, CTJ, LGC, RMG, PUJ (must have previously been to CHA to use)

### Grade

- S \_\_\_\_\_ Preparation of course
- S \_\_\_\_\_ Preparation of flight log
- S \_\_\_\_\_ Preparation of nav log
- S \_\_\_\_\_ Weather briefing
- S \_\_\_\_\_ Solo cross country flight

**Completion Standards:** Altitude  $\pm 200$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

**FL24, FL25, FL26, FL27**

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 22 –Progress Check - Dual

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### Objective

The student will acquire an understanding of cross country flight using dead reckoning, pilotage and radio navigation. Approved cross country legs: RYY-AHN, RYY-GAD, RYY-CHA and return.

### Grade

- S    \_\_\_    \_\_\_    Navigation
- S    \_\_\_    \_\_\_    Course plotting
- S    \_\_\_    \_\_\_    Flight log and preflight planning
- S    \_\_\_    \_\_\_    Weather briefing
- S    \_\_\_    \_\_\_    Maneuvers at discretion of instructor
- S    \_\_\_    \_\_\_    Use of flight computer
- S    \_\_\_    \_\_\_    Landings at discretion of instructor
- S    \_\_\_    \_\_\_    Radio communications
- S    \_\_\_    \_\_\_    Airspace
- S    \_\_\_    \_\_\_    Cross country limitations for students

**Completion Standards:** Altitude  $\pm 100$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

#### End of Course Exam

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed



# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 23 - Solo Cross Country

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### Objective

The student will continue to develop proficiency in cross country and navigation skills by conducting a cross country flight of at least 150 NM with stops at a minimum of 2 airports. Approved legs: AHN, CZL, JZP, PYP, GAD, CHA, CSG, CTJ, LGC, RMG, PUJ (must have previously been to CHA to use)

### Grade

- S \_\_\_\_\_ Preparation of course
- S \_\_\_\_\_ Preparation of flight log
- S \_\_\_\_\_ Preparation of nav log
- S \_\_\_\_\_ Weather briefing
- S \_\_\_\_\_ Solo cross country flight

**Completion Standards:** Altitude  $\pm 100$  feet, airspeed  $\pm 10$  knots, heading  $\pm 10$  degrees

### NOTES:

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### Study Assignment for Next Lesson:

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

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Student Signature \_\_\_\_\_ Printed \_\_\_\_\_

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CFI Signature, Num, and Exp. \_\_\_\_\_ Printed \_\_\_\_\_

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 24 –Maneuvers Review - Dual

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### Objective

The student will become more proficient in required maneuvers.

### Grade

S	_____	_____	Slow flight
S	_____	_____	Steep turns
S	_____	_____	Stalls- Power on/off
S	_____	_____	Turns around a point
S	_____	_____	S-turns
S	_____	_____	BAI
S	_____	_____	Emergency landings
S	_____	_____	Short field takeoffs and landings
S	_____	_____	Soft field takeoffs and landings
S	_____	_____	Crosswind takeoffs and landings

**Completion Standards:** All maneuvers meet PTS standards.

### NOTES:

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### Study Assignment for Next Lesson:

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 25 –Maneuvers Practice – Solo

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### Objective

The student will complete solo requirement as well as practice maneuvers required for practical test.

### Grade

S	_____	_____	Slow flight
S	_____	_____	Steep turns
S	_____	_____	Stalls- Power on/off
S	_____	_____	Turns around a point
S	_____	_____	S-turns
S	_____	_____	Short field takeoffs and landings
S	_____	_____	Soft field takeoffs and landings
S	_____	_____	Crosswind takeoffs and landings

**Completion Standards:** All maneuvers meet PTS standards.

### NOTES:

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### Study Assignment for Next Lesson:

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 26 –Maneuvers and Practical Test Review - Dual

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### Objective

The student will become more proficient in required maneuvers.

### Grade

S	_____	_____	Spin awareness
S	_____	_____	Slow flight
S	_____	_____	Stalls- Power on/off
S	_____	_____	Steep turns
S	_____	_____	Turns around a point
S	_____	_____	S-turns
S	_____	_____	BAI
S	_____	_____	Unusual attitudes
S	_____	_____	Emergency landings
S	_____	_____	Short field takeoffs and landings
S	_____	_____	Soft field takeoffs and landings
S	_____	_____	Crosswind takeoffs and landings
S	_____	_____	Forward slips to land

**Completion Standards:** All maneuvers meet PTS standards.

### NOTES:

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### Study Assignment for Next Lesson:

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Lesson 27 –Final Progress Check - Dual

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### Objective

The student will fly a simulated flight test for the instructor.

### Grade

S	_____	_____	Weather briefing
S	_____	_____	Weight and balance
S	_____	_____	Aircraft requirements- logs & certificates
S	_____	_____	Cockpit management
S	_____	_____	Flight plan and nav log
S	_____	_____	All required PTS maneuvers
S	_____	_____	Emergency procedures

**Completion Standards:** The student will demonstrate proficiency to pass the oral and flight test for the private pilot practical test.

### NOTES:

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### Study Assignment for Next Lesson:

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Lesson Completed Date \_\_\_\_\_

**Lesson Completed**

Ground Time \_\_\_\_\_ Flight Time \_\_\_\_\_ Takeoffs/Landings \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Printed

\_\_\_\_\_  
CFI Signature, Num, and Exp.

\_\_\_\_\_  
Printed

**AERO ATLANTA FLIGHT CENTER  
PRIVATE PILOT SYLLABUS**

**Practical Test Required Endorsements**

I certify that (First name, MI, Last name) has received the required training in accordance with sections 61.107 and 61.109. I have determined he/she is prepared for the (name the practical test).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

I certify that (First name, MI, Last name) has received training time required within the preceding 2 calendar months in preparation for the (Name of test) (category and class) practical test and find him/her prepared for that test. (if knowledge test is required and applicant has achieved less than 100%) He/she has demonstrated satisfactory knowledge of the subject areas found deficient on the (Name of Test) aeronautical knowledge test.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

# AERO ATLANTA FLIGHT CENTER PRIVATE PILOT SYLLABUS

## Appointment with Examiner:

Examiner's Name: \_\_\_\_\_

Location: \_\_\_\_\_

Date & Time: \_\_\_\_\_

## Aircraft Checklist

- Aircraft Documents:
  - Airworthiness Certificate
  - Registration Certificate
  - Operating Limitations
  
- Aircraft Maintenance Records:
  - Logbook Record of Airworthiness Inspections and AD compliance
  
- Pilot's Operating Handbook, FAA-approved Airplane Flight Manual

## Personal Equipment

- View Limiting Device
- Current Aeronautical Charts
- Computer and Plotter
- Flight Plan Form/Weight and Balance/Performance Charts
- Flight Logs
- Current FAR/AIM, Airport Facility Directory, and appropriate publications

## Personal Records

- Identification – Photo/Signature ID
- Pilot Certification
- Current and appropriate medical
- Completed FAA Form 8710 with instructor's signature
- Written test report
- Examiner's Fee