

Cessna Private Pilot Course

FLIGHT LESSON 1

YOUR FIRST FLYING LESSON

DUAL- LOCAL

LESSON OBJECTIVES:

In this lesson you will learn how to use a checklist to inspect and start your airplane. You will also learn how to taxi using the rudder pedals, throttle, and brakes to turn, control the speed of your airplane, and stop.

In the air you'll learn how to use the controls to make your airplane climb, descend, turn, and fly straight and level. After the flight is over, you'll learn how to shut down the system and engine, move your airplane, and secure it.

CONTENT:

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Preflight Instruction |
| <input type="checkbox"/> | <input type="checkbox"/> | Location of Fire Extinguisher |
| <input type="checkbox"/> | <input type="checkbox"/> | Doors and Safety Belts |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine Starting and Warm-up |
| <input type="checkbox"/> | <input type="checkbox"/> | Taxiing |
| <input type="checkbox"/> | <input type="checkbox"/> | Before Takeoff Check and Engine Runup |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Leveloff |
| <input type="checkbox"/> | <input type="checkbox"/> | Trimming |
| <input type="checkbox"/> | <input type="checkbox"/> | Straight and Level |
| <input type="checkbox"/> | <input type="checkbox"/> | How an Airplane Tends to Fly Straight and Level on Its Own |
| <input type="checkbox"/> | <input type="checkbox"/> | Medium Banked Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Descents |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | After Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Parking and Securing |
| <input type="checkbox"/> | <input type="checkbox"/> | Postflight Procedures |

Postflight Discussion

COMPLETION STANDARDS:

You will have satisfactorily completed this lesson when you can, with your instructor's help, start your airplane and taxi it from the parking area to the runway, and in flight, fly the airplane from the practice area back to the airport.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____

Date: _____

CFI: _____

Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 2 LEARNING TO CONTROL YOUR AIRPLANE

DUAL

LESSON OBJECTIVES:

During this lesson, you'll learn when to expect your airplane's left and right turning tendencies and how to control them. You'll also learn the key to controlling your speed while in climbs and descents. And you'll build on what you've already done and put it all together for turns while in climbs and descents. You'll learn that using flaps can give you an added advantage for slowing and descents. And finally, you'll get tips that will help you recognize when your airplane is flying slowly.

CONTENT:

NOTE: There are 18 continued items.

IMPROVING YOUR SKILLS

Preflight Discussion

Cont. Comp.

NEW THIS FLIGHT

Cont. Comp.

- Turn Coordination
- Knowing How Much Back Pressure to Use in a Turn
- Left and Right Turning Tendencies
- Climbs and Climbing Turns
- Descents and Descending Turns
- Gliding
- Descents With/Without Flaps
- Starting a Go Around With Full Flaps
- Recognizing When You're Flying Slowly

- Preflight Inspection
- Engine Starting and Warm-up
- Taxiing
- Before Takeoff Check
- Normal Takeoff and Climb
- Leveloff
- Trimming
- Straight-and-Level Flight
- Climbs
- Descents
- Medium Banked Turns
- Normal Approach and Landing
- Postflight Procedures
- After Landing
- Parking and Securing

Postflight Discussion

COMPLETION STANDARDS:

You'll have completed this lesson satisfactorily when, with the aid of your instructor, you can use your airplane's checklist to do a preflight inspection, start the engine, check systems before takeoff, and shut it down after the flight. You'll also, under your instructor's guidance, taxi your airplane during all ground operations. With your instructor's assistance, you'll be able to control the airplane from takeoff to landing making smooth and coordinated turns, climbs, and descents, and level off in straight and level flight. You'll also be able to fly straight and level using outside references.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 3 LEARNING MORE ABOUT YOUR AIRPLANE AND AIRPORTS

DUAL

LESSON OBJECTIVES:

During this flight, you will learn airspeed control maneuvers and procedures to control the airplane at speeds slower than cruise speed. You'll learn airport procedures and some sneaky situations that can cause a stall. Also, you will learn what your flight instruments look like compared to the view outside when you perform a maneuver.

CONTENT:

NOTE: There are 42 continued items.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|--------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Crosswind Taxi |
| <input type="checkbox"/> | <input type="checkbox"/> | Straight-and-Level Flight (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Climbs and Leveloffs (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Descents and Leveloffs (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Turn Entry and Rollout (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Flight at Approach Airspeed |
| <input type="checkbox"/> | <input type="checkbox"/> | Maneuvering During Slow Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Pattern Communications |
| <input type="checkbox"/> | <input type="checkbox"/> | Flying the Traffic Pattern |
| <input type="checkbox"/> | <input type="checkbox"/> | Collision Avoidance |

NOTE: Instrument reference (without a view limiting device) is used to briefly compare the instruments to what the student views outside.

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Preflight Inspection |
| <input type="checkbox"/> | <input type="checkbox"/> | Operation of Systems |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine Starting and Warm-up |
| <input type="checkbox"/> | <input type="checkbox"/> | Taxiing |
| <input type="checkbox"/> | <input type="checkbox"/> | Before Takeoff Check |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Leveloff |
| <input type="checkbox"/> | <input type="checkbox"/> | Trimming |
| <input type="checkbox"/> | <input type="checkbox"/> | Descents and Leveloffs |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Descents With/Without Power |
| <input type="checkbox"/> | <input type="checkbox"/> | Descents With/Without Flaps |
| <input type="checkbox"/> | <input type="checkbox"/> | Climbing and Descending Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Postflight Procedures |
| <input type="checkbox"/> | <input type="checkbox"/> | After Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Parking and Securing |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you can make unassisted takeoffs; control the airplane through landings with instructor assistance; demonstrate correct communications and traffic pattern procedures. You will be able to hold your altitude ± 200 feet for level flight, your heading $\pm 20^\circ$ for straight flight, and control your airspeed $+10/-5$ knots while maneuvering during slow flight.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 4

THOSE SNEAKY STALLS

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, you will develop your best defense against being mugged by one of those sneaky stalls: learning how they look, sound, and feel and then controlling the airplane back to normal flight.

CONTENT:

NOTE: There are 69 continued items.

IMPROVING YOUR SKILLS

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power on Stall (takeoff and departure stall) |

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Maneuvering During Slow Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Straight-and-Level Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Descents |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Collision Avoidance Precautions |

Postflight Discussion

COMPLETION STANDARDS:

You have completed this lesson satisfactorily by accurately preflighting the airplane, correctly using the appropriate checklists for all ground and flight operations, and controlling the airplane in all basic maneuvers with minimal help from your instructor. You will also be able to recognize the approach of a stall and return the airplane to straight and level flight. You will be able to hold altitude ± 200 feet, heading $\pm 15^\circ$, and airspeed $+10/-5$ knots while maneuvering during slow flight.

NOTE: All preflight inspections and procedures will be performed and evaluated prior to each flight. Therefore, they will not appear in the lesson content outline.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 5

CORRECTING FOR THE WIND IN FLIGHT

DUAL-LOCAL

LESSON OBJECTIVES:

During this lesson you will learn how to control your airplane's track over the ground, by correcting for the wind, so you can fly straight to where you want.

CONTENT:

NOTE: There are 78 continued items.

IMPROVING YOUR SKILLS

Preflight Discussion

Cont. Comp.

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Courses |
| <input type="checkbox"/> | <input type="checkbox"/> | Slips |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |

- | | | |
|--------------------------|--------------------------|----------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Radio Communications |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |
| <input type="checkbox"/> | <input type="checkbox"/> | Collision Avoidance Precautions |
| <input type="checkbox"/> | <input type="checkbox"/> | Trimming |
| <input type="checkbox"/> | <input type="checkbox"/> | Descents With/Without Power |
| <input type="checkbox"/> | <input type="checkbox"/> | Descents With/Without Flaps |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approach and Landing |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you can control the airplane to maintain a specific ground track by correcting for wind drift, and by maintaining altitude ± 200 feet and airspeed ± 10 knots during straight-and-level flight and turns.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 6 AND PROGRESS CHECK

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight you will learn how to control your airplane by using only your airplane instruments. Additionally you will sharpen your skills with some of the maneuvers that have been previously introduced. For the Progress Check you will have a chance to demonstrate previously learned maneuvers according to the completion standards for this flight. It is recommended that the Chief/Assistant Chief Flight Instructor give this flight lesson.

CONTENT:

NOTE: There are 92 continued items.

IMPROVING YOUR SKILLS

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Straight-and-Level Flight (VR-IR w/hood) |
| <input type="checkbox"/> | <input type="checkbox"/> | Climbs and Descents (VR-IR w/hood) |
| <input type="checkbox"/> | <input type="checkbox"/> | Standard Rate Turns (VR-IR w/hood) |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns to Headings (VR-IR w/hood) |

NOTE: Starting with this lesson all references to IR will require a view limiting device.

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Courses |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | Slips |
| <input type="checkbox"/> | <input type="checkbox"/> | Maneuvering During Slow Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Flight at Slow Airspeeds with Realistic Distractions and the Recognition and Recovery from Stalls Entered from Straight Flight and from Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Spin Awareness Discussion |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoffs and landings |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you are able to control the airplane by reference to instruments and maintain ± 200 in altitude, $\pm 20^\circ$ in heading, and airspeed ± 15 knots.

You will have passed your Progress Check satisfactorily by accurately preflighting the airplane, correctly using the appropriate checklists for all ground and flight operations, and controlling the airplane in all basic maneuvers with minimal help from your instructor. You will also be able to recognize the approach of a stall and return the airplane to straight and level altitude flight. You will be able to hold altitude ± 200 feet, heading $\pm 15^\circ$, and airspeed $+10/-5$ knots while flying the requested maneuvers.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 7

TAKING OFF AND LANDING

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, you will learn to control the airplane during crosswind takeoffs and landings. You will also learn the procedures for a go-around.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|--------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Crosswind Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Crosswind Approach (side slip) and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Faulty Approaches and Landings |

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|--------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | Straight-and-Level Flight (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns to Headings (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Standard Rate Turns (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoffs and Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson when, with minimal assistance from your instructor, you can take off, climb out correcting for wind drift, and establish an approach and land correcting for wind drift.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 8

TURNING WITH MORE PRECISION

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, you will learn the look and feel of steeper turns. You will also learn how to steepen your approach without extending the flaps and stay aligned with the runway.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- Steep Turns
- Forward Slip to a Landing

IMPROVING YOUR SKILLS

Cont. Comp.

- Maneuvering During Slow Flight
- Climbing and Descending Turns
- Collision Avoidance Precautions

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when in steep turns you can control your altitude ± 200 feet, keep your bank angle at $45^\circ \pm 10^\circ$, and roll out on your entry heading $\pm 20^\circ$. Also you'll be able to apply the controls to enter a forward slip during an approach to a landing, and with your instructor's assistance, be able to keep the airplane aligned with the runway centerline during crosswind takeoffs and landings.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 9

HANDLING THE UNEXPECTED

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, you will practice takeoffs and landings. You'll analyze various simulated emergency situations and apply the procedures you've learned to resolve them safely. You'll also learn how to land if your airspeed indicator or altimeter has failed.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|--------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Procedures |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Descent |
| <input type="checkbox"/> | <input type="checkbox"/> | Flying without an Airspeed Indicator |
| <input type="checkbox"/> | <input type="checkbox"/> | Flying without an Altimeter |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Approach and Landing |

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Normal /Crosswind Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Forward Slips to a Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal/Crosswind Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Go-Arounds |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you can correctly apply the procedures used during emergency approach and landing situations.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 10

GETTING READY TO SOLO

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, your instructor will review all the elements you have learned up to this point and help you polish the skills you need to fly by yourself. *If Class B, C, or D airspace is available you will learn how to talk them into letting you use their airspace.

***If you have not operated from a controlled/uncontrolled airport, this lesson will allow you to practice operating at the type of airport you have not used.**

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- Arrival and Departure Communications*
- Landing at a Controlled/Uncontrolled Airport*

IMPROVING YOUR SKILLS

Cont. Comp.

- Preflight Inspection
- Operation of Systems
- Engine Starting
- Radio Communications
- Normal and/or Crosswind Taxiing
- Before Takeoff Check
- Normal and/or Crosswind Takeoff
- Collision Avoidance Precautions
- Climbing and Descending Turns
- Wake Turbulence Avoidance

IMPROVING YOUR SKILLS (cont.)

Cont. Comp.

- Straight-and-Level Flight (IR)
- Climbs, Turns, Descents (IR)
- Maneuvering During Slow Flight
- Power Off Stall (approach to landing stall)
- Power On Stall (takeoff and departure stall)
- Spin Awareness Discussion
- Steep Turns
- Rectangular Courses
- S-Turns
- Turns Around a Point
- Systems and Equipment Malfunctions
- Emergency Procedures
- Emergency Descent
- Emergency Approach and Landing
- Traffic Patterns
- Forward Slips to a Landing
- Go-Around
- Normal and/or Crosswind Approach and Landing

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you have shown your instructor that you can safely control the airplane in all phases of flight by yourself, using proper ground, radio, and traffic pattern entry/departure procedures for controlled and uncontrolled airports, and make takeoffs, landings, and go-arounds without instructor assistance.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

SOLO BRIEFING

OBJECTIVES:

This briefing provides a Pre-Solo Knowledge Test to make sure you understand all of the things you need to know for your first solo flight.

CONTENT:

1. Student Manual & Safety Procedures (Part 141 Students)
2. Aircraft Status
3. Preflight Preparation
4. Aircraft Performance and Operating Limitations
5. Fueling
6. Fuel Reserves
7. VFR Weather Minimums and Cruising Altitudes
8. Minimum Safe Altitudes
9. Careless and/or Reckless Operation
10. Radio Procedures (including CTAF)
11. Right-of-Way Rules and ATC Light Signals
12. Emergency Procedures (including Carburetor Icing, if appropriate)
13. Fire Precautions
14. Collision Avoidance and Safety
15. Practice Area
16. Traffic Pattern
17. Solo Flights (restrictions to)
18. Instructor Endorsements and Required Aircraft Documents

Pre-Solo Knowledge Test and Critique

The student has satisfactorily passed a solo knowledge test per 14 CFR 61.87(b) and the solo briefing.

COMPLETION STANDARDS:

You will have completed this briefing satisfactorily when you complete your Pre-Solo Knowledge Test with a minimum score of 80% and show your instructor during the oral review that you have the ability and knowledge to plan a safe solo flight in the local area.

Student: _____

Date: _____

CFI: _____

Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 11

YOUR FIRST SOLO

DUAL AND SOLO - LOCAL

LESSON OBJECTIVES:

During the dual portion of this flight, your instructor will review takeoff and landing procedures to see if you are ready for your first solo flight. During the second portion of the lesson, you will fly your first supervised solo flight in the local traffic pattern.

Preflight Discussion

NEW THIS FLIGHT *Supervised Solo*

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-----------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Radio Communications |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Taxiing |
| <input type="checkbox"/> | <input type="checkbox"/> | Before Takeoff Check |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoffs and Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |
| <input type="checkbox"/> | <input type="checkbox"/> | 3 Normal Approaches and Landings to Full Stop |
| <input type="checkbox"/> | <input type="checkbox"/> | Postflight Procedures |

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Engine Starting |
| <input type="checkbox"/> | <input type="checkbox"/> | Radio Communications |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Taxiing |
| <input type="checkbox"/> | <input type="checkbox"/> | Before Takeoff Check |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoffs and Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |
| <input type="checkbox"/> | <input type="checkbox"/> | Go-Arounds |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approaches and Landings |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you safely complete a supervised solo flight as directed by your instructor.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

DUAL - PROGRESS CHECK

PROGRESS CHECK
(after your first solo)

SOLO - LOCAL

LESSON OBJECTIVES:

During this Progress Check you will have a chance to demonstrate your solo abilities to determine that you are prepared to depart the traffic pattern area on future solo flights. It is recommended that the Chief/Assistant Chief Flight Instructor give this flight lesson.

TESTING YOUR SKILLS

Preflight Discussion

NEW THIS FLIGHT *Supervised Solo*

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage to Practice Area |
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Course |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage Back to Airport |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Approach and Landing |

Cont. Comp.

- | | | |
|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Operation of Systems |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine Starting |
| <input type="checkbox"/> | <input type="checkbox"/> | Radio Communications |
| <input type="checkbox"/> | <input type="checkbox"/> | Taxiing |
| <input type="checkbox"/> | <input type="checkbox"/> | Before Takeoff Check |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Collision Avoidance Precautions |
| <input type="checkbox"/> | <input type="checkbox"/> | Wake Turbulence Avoidance |
| <input type="checkbox"/> | <input type="checkbox"/> | Maneuvering During Slow Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Flight at Slow Airspeeds with Realistic Distractions and the Recognition of and Recovery from Stalls Entered from Straight Flight and from Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Steep Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Spin Awareness Discussion |
| <input type="checkbox"/> | <input type="checkbox"/> | System and Equipment Malfunctions |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Procedures |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Descent |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Approach and Landing |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson and the first part of your training satisfactorily when you can competently perform preflight duties and all other procedures necessary for the safe conduct of a solo flight in the local training area. You will be able to maintain altitude ± 100 feet, headings $\pm 10^\circ$ and airspeed $+10/-5$ knots.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 12

IMPROVING SKILLS ON YOUR OWN

SOLO - LOCAL

LESSON OBJECTIVES

During this flight, you will practice familiar maneuvers by yourself to gain confidence and improve your new skills.

Preflight Discussion

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage to Practice Area |
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Course |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage Back to Airport |
| <input type="checkbox"/> | <input type="checkbox"/> | Traffic Patterns |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal and/or Crosswind Approach and Landing |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this training satisfactorily when you have conducted the assigned solo flight. During this lesson, you will meet the Private Pilot Practical Test Standards by holding altitude ± 100 feet, heading $\pm 10^\circ$ and airspeed $+10/-5$ knots for the assigned maneuvers.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 13

GETTING READY TO SOLO

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, you will learn the procedures to takeoff and land on short or soft runways.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Approach and Landing |

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Courses |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Maneuvering During Slow Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Flight at Slow Airspeeds with Realistic Distractions, and the Recognition of and Recovery from Stalls Entered from Straight Flight and from Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Spin Awareness Discussion |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you can recognize the type of runways on which you would use soft-field and short-field takeoff and landing procedures. Additionally, you will be able to demonstrate the correct procedure to be used under these conditions.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 14

USING THOSE HIGHWAYS IN THE SKY

DUAL-LOCAL

LESSON OBJECTIVES

During this flight, you will practice short-field and soft-field procedures to get more comfortable with them. You will use VOR radios to locate your position and to follow those highways in the air. Additionally, you will learn to control your airplane by instrument reference during emergency situations.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | VOR Orientation and Tracking |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Recovery from Unusual Flight Attitudes (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Lost Procedures |

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Forward Slips to Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |

Postflight Discussion

COMPLETION STANDARDS

You will have completed this lesson satisfactorily when you perform each of the takeoffs by rotating at the recommended airspeed and maintaining the appropriate climb speed +10/-5 knots. You will fly a stabilized approach and maintain an approach speed +10/-5 knots of your target approach speed. You will fly an accurate ground track and maintain altitude ± 100 feet.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 15 AND PROGRESS CHECK

USING YOUR RADIO WHEN THE UNEXPECTED HAPPENS

DUAL-LOCAL

LESSON OBJECTIVES:

During this flight, you will learn how to use your instruments to control your airplane and radios to navigate if you could not see the ground. For the Progress Check you will have a chance to demonstrate previously learned maneuvers according to the completion standards for this flight. It is recommended that the Chief/Assistant Chief Flight Instructor give this flight lesson.

Preflight Discussion

NEW THIS FLIGHT

Cont. Comp.

- | | | |
|--------------------------|--------------------------|------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | VOR Orientation and Tracking (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | ADF Orientation and Homing (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Descents and Climbs using Radio Aids or Radar Directives (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Using Radio Communications, Navigation Systems/Facilities, and Radar Services (IR) |

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Recovery from Unusual Flight Attitudes (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | VOR Orientation and Tracking |
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Takeoff and Climb |
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Approach and Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Approach and Landing |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you perform takeoffs and landings smoothly, while maintaining directional control. You will also be able to use the correct technique to recover from stalls and unusual attitudes and be able to initiate emergency climbs and descents by instrument reference while using radio communication, navigation facilities, and radar services.

You will have passed your Progress Check satisfactorily by positively recovering from stalls and unusual attitudes, and returning the airplane to straight and level altitude flight, by reference to instruments. You will also be able to intercept and track VOR radials. You will be able to hold altitude ± 100 feet, heading $\pm 10^\circ$, and airspeed ± 10 knots while flying the requested maneuvers. All approaches will be stabilized, and airspeed will be $+10/-5$ knots of that desired on approach.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 16

GOING ON YOUR FIRST CROSS-COUNTRY

DUAL- CROSS-COUNTRY

LESSON OBJECTIVES:

During this flight, you will really start using the airplane as it was meant to be used -- to go somewhere! You will learn cross-country procedures and what you should do when you fly out of the local training area. This flight prepares you to make cross-country flights alone in the airplane.

Preflight Discussion

NEW THIS FLIGHT *Cross-Country Flight*

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Controlled Airports |
| <input type="checkbox"/> | <input type="checkbox"/> | Use of ATIS |
| <input type="checkbox"/> | <input type="checkbox"/> | Departure |
| <input type="checkbox"/> | <input type="checkbox"/> | Opening Flight Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | Use of Approach and Departure Control |
| <input type="checkbox"/> | <input type="checkbox"/> | High Density Airport Operations |
| <input type="checkbox"/> | <input type="checkbox"/> | Course Interception |
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage |
| <input type="checkbox"/> | <input type="checkbox"/> | Dead Reckoning |
| <input type="checkbox"/> | <input type="checkbox"/> | VOR Navigation |
| <input type="checkbox"/> | <input type="checkbox"/> | ADF Navigation |
| <input type="checkbox"/> | <input type="checkbox"/> | GPS Navigation |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Settings and Mixture Control |
| <input type="checkbox"/> | <input type="checkbox"/> | Diversion to an Alternate |
| <input type="checkbox"/> | <input type="checkbox"/> | Lost Procedures |
| <input type="checkbox"/> | <input type="checkbox"/> | Estimates of Groundspeed and ETA |
| <input type="checkbox"/> | <input type="checkbox"/> | Position Fix by Navigation Facilities |
| <input type="checkbox"/> | <input type="checkbox"/> | Flight on Federal Airways |

NEW THIS FLIGHT (cont.)

Cont. Comp.

- | | | |
|--------------------------|--------------------------|----------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | CTAF (FSS or UNICOM) Airports |
| <input type="checkbox"/> | <input type="checkbox"/> | At Least One Landing More Than 50 nm from
Departure Airport |
| <input type="checkbox"/> | <input type="checkbox"/> | Collision Avoidance Procedures |
| <input type="checkbox"/> | <input type="checkbox"/> | Closing Your Flight Plan |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you show that you can safely fly a solo cross-country flight. You will be able to get the weather and make the decision to fly or not, based on the weather over your planned route of flight. You will accurately plan and fly your VFR cross-country flight using the three methods of navigation. Additionally, during the postflight discussion, you will show that you understand how to fly to and use unfamiliar airports.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 17

YOUR FIRST NIGHT FLIGHT

DUAL- LOCAL, NIGHT

LESSON OBJECTIVES:

During this flight you will learn how different things can look at night, and that there are some special safety considerations. Special emphasis will be placed upon the additional planning and flight considerations for flight at night. Eight night landings will be performed both with and without a landing light.

Preflight Discussion

NEW THIS FLIGHT *Night Flight*

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoffs and Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Climbs (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Descents (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Recovery from Unusual Flight Attitudes (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) |
| <input type="checkbox"/> | <input type="checkbox"/> | Steep Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Local VFR Navigation |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approaches and Landings With/Without Landing Light |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you have made eight (8) night takeoffs and landings, each with a circuit of the traffic pattern, and show that you understand the importance of attitude control at night. You will be able to make coordinated stall recoveries with minimum loss of altitude. You will also be able to make night landings using a stabilized approach and a constant airspeed and rate of descent to touchdown.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 18

CROSS-COUNTRY FLIGHT AT NIGHT

DUAL- CROSS-COUNTRY, NIGHT

LESSON OBJECTIVES:

During this flight, you will learn about the special things you must do for cross-country night navigation. Special emphasis will be placed upon learning the additional planning and flight considerations necessary when flying cross-country at night. This cross-country flight must have a full stop landing at an airport at least 50 nautical miles from your point of departure.

Note: *The preflight discussion and planning will include preparing a flight log with special emphasis on altitude selection.*

Preflight Discussion

NEW THIS FLIGHT *Night Cross-Country Flight*

Cont. Comp.

- | | | |
|--------------------------|--------------------------|---------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage |
| <input type="checkbox"/> | <input type="checkbox"/> | Dead Reckoning |
| <input type="checkbox"/> | <input type="checkbox"/> | 180° Turn (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Radio Navigation (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Operations |
| <input type="checkbox"/> | <input type="checkbox"/> | Go-Around |
| <input type="checkbox"/> | <input type="checkbox"/> | Use of Unfamiliar Airports |
| <input type="checkbox"/> | <input type="checkbox"/> | Collision Avoidance Precautions |
| <input type="checkbox"/> | <input type="checkbox"/> | Diversion to Alternate |
| <input type="checkbox"/> | <input type="checkbox"/> | Lost Procedures |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you demonstrate you understand night cross-country preflight preparation and flight procedures. You will be able to navigate accurately and give special consideration to altitude selection to avoid terrain and obstacles. You will be able to handle emergency situations promptly with proper judgment.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

SOLO CROSS-COUNTRY BRIEFING

OBJECTIVES:

This briefing is a final review of what you need to know for your cross-country operations. You will take your Cessna Pilot Center Practice Knowledge Test/Final Exam and your Oral test to make sure you understand all of the things needed to go on your first solo cross-country flight. This is the time to discuss any questions you have with your instructor.

CONTENT:

1. Preflight Preparation
2. Obtaining Weather Information
3. Route Planning
4. Airplane Performance and Limitations
5. Navigation Log
6. FAA Flight Plan
7. Radio Frequencies and Procedures
8. National Airspace System
9. Airport Operations
10. Alternate Plans of Action
11. Instructor Endorsements
12. In-Flight Advisories
13. Basic VFR Weather Minimums
14. Emergency Operations
15. Traffic Patterns
16. Runway Incursion Avoidance
17. Closing Flight Plan

Cessna Pilot Center Final Exam and Critique

The student has satisfactorily completed this solo briefing.

COMPLETION STANDARDS:

You will have completed this briefing satisfactorily when you show your instructor during the oral review that you have the ability and knowledge to plan a safe cross-country flight and by passing your Cessna Pilot Center Practice Knowledge Test/Final Exam with a minimum score of 80%. In addition, you will develop a checklist for cross-country planning.

Student: _____

Date: _____

CFI: _____

Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 19

YOUR FIRST SOLO CROSS-COUNTRY

SOLO - CROSS-COUNTRY

LESSON OBJECTIVES:

Prior to this flight, your instructor will ensure that you have successfully completed the Cross-country Briefing and the Cross-country Written Exam. During this lesson, you will fly a cross-country flight by yourself. This experience will increase your skill level, knowledge and confidence, as a necessary step for you to become a competent private pilot. Your flight must consist of a landing at an airport at least 50 nm from the departure airport.

Preflight Discussion

IMPROVING YOUR SKILLS

Preflight Preparation

Cont. Comp.

- Sectional Charts
- Flight Publications
- Route Selection
- Weather Information
- Fuel Requirements
- Performance and Limitations
- Weight and Balance
- Navigation Log
- FAA Flight Plan
- Aeromedical Factors

IMPROVING YOUR SKILLS (cont.)

Cross-Country Flight

Cont. Comp.

- VOR and ADF Navigation
- GPS Navigation
- Pilotage
- Dead Reckoning
- Use of Unfamiliar Airports
- Estimates of Groundspeed
- Estimates of ETA
- At Least One Landing 50 nm or more from Departure Airport

Postflight Discussion

COMPLETION STANDARDS:

You will safely complete a solo cross-country flight by yourself.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

PROGRESS CHECK

(after your first solo cross-country)

DUAL - LOCAL

LESSON OBJECTIVES:

This Progress Check will let you demonstrate your ability to plan and conduct cross-country flights. It is recommended that this Progress Check be conducted by the Chief/Assistant Chief Flight Instructor.

Note: *You will plan a flight to an airport at least 50 nm from your departure airport.*

CONTENT:

Preflight Discussion

TESTING YOUR SKILLS

Preflight Preparation

Cont. Comp.

- Cross-Country Flight Planning
- Weather Information
- Cockpit Management

Cross-Country Flight

Cont. Comp.

- Departure
- Course Interception
- VOR Navigation (VR-IR)
- Pilotage
- Dead Reckoning
- Estimates of Groundspeed
- Estimates of ETA
- Collision Avoidance Precautions
- Diversion to Alternate
- Lost Procedures
- Emergency Operations
- Power Settings and Mixture Control

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you show that you can plan and conduct cross-country flights and have a thorough knowledge of flight planning, preflight action, weather analysis, and flight information publications. During the flight, you will demonstrate the correct use of three methods of navigation, the ability to determine your location correctly at any time, the ability to compute ETA's in less than 5 minutes, and the proper technique to establish a course to an alternate airport.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 20A

YOUR LONG SOLO CROSS-COUNTRY

SOLO - CROSS-COUNTRY

LESSON OBJECTIVES:

During this flight, you will use all your cross-country skills to plan and fly your long cross-country flight. This experience will increase your proficiency and confidence on your path to becoming a safe private pilot. This flight will be at least 150 nautical miles with full stop landings at a minimum of three points. One segment of your flight must have a straight line distance of at least 50 nautical miles between the takeoff and landing locations.

CONTENT:

Preflight Discussion

IMPROVING YOUR SKILLS

Preflight Preparation

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Sectional Charts |
| <input type="checkbox"/> | <input type="checkbox"/> | Flight Publications |
| <input type="checkbox"/> | <input type="checkbox"/> | Route Selection |
| <input type="checkbox"/> | <input type="checkbox"/> | Weather Information |
| <input type="checkbox"/> | <input type="checkbox"/> | Fuel Requirements |
| <input type="checkbox"/> | <input type="checkbox"/> | Performance and Limitations |
| <input type="checkbox"/> | <input type="checkbox"/> | Weight and Balance |
| <input type="checkbox"/> | <input type="checkbox"/> | Navigation Log |
| <input type="checkbox"/> | <input type="checkbox"/> | FAA Flight Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | Aeromedical Factors |

IMPROVING YOUR SKILLS (cont.)

Cross-Country Flight

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | VOR and ADF Navigation |
| <input type="checkbox"/> | <input type="checkbox"/> | GPS Navigation |
| <input type="checkbox"/> | <input type="checkbox"/> | Pilotage |
| <input type="checkbox"/> | <input type="checkbox"/> | Dead Reckoning |
| <input type="checkbox"/> | <input type="checkbox"/> | Estimates of Groundspeed |
| <input type="checkbox"/> | <input type="checkbox"/> | Estimates of ETA |
| <input type="checkbox"/> | <input type="checkbox"/> | Use of Unfamiliar Airports |
| <input type="checkbox"/> | <input type="checkbox"/> | At Least One Landing 50 nm or more from Departure Airport |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you have conducted the assigned cross-country flight. At the completion of this flight, your instructor will review your navigation log. The revised in-flight ETA at each checkpoint should not vary from the ATA's by more than ± 5 minutes.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 21

SOLO IMPROVEMENT

SOLO - LOCAL

LESSON OBJECTIVES:

During this solo flight, you will increase your confidence and skill by practicing familiar maneuvers.

CONTENT:

Preflight Discussion

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|--------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Takeoffs and Climbs |
| <input type="checkbox"/> | <input type="checkbox"/> | Short/Soft Field Takeoffs |
| <input type="checkbox"/> | <input type="checkbox"/> | Steep Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Go-Arounds |
| <input type="checkbox"/> | <input type="checkbox"/> | Short/Soft Field Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Normal Approaches and Landings |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you perform each maneuver smoothly and with proper coordination as specified in the FAA Private Pilot Practical Test Standards.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 22

INSTRUCTOR EVALUATION

DUAL - LOCAL

LESSON OBJECTIVES:

During this flight, your instructor will review and evaluate your performance to determine areas which may need additional practice to bring you up to the level of the Private Pilot Practical Test Standards.

CONTENT:

Preflight Discussion

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Courses |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | Steep Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Climbs (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Constant Airspeed Descents (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power Off Stall (approach to landing stall) (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Power On Stall (takeoff and departure stall) (VR-IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Recovery From Unusual Flight Attitudes (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Descents and Climbs using Radio Aids or Radar Directives (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Using Radio Communications, Navigation Systems/Facilities, and Radar Services (IR) |
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Takeoffs and Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Takeoffs and Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Crosswind Takeoffs and Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Forward Slips to a Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | Go-Arounds |
| <input type="checkbox"/> | <input type="checkbox"/> | Emergency Operations |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you can perform each maneuver and procedure at the Private Pilot proficiency level. Any maneuvers which do not meet this standard should be reviewed with your instructor and assigned for solo practice.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

FLIGHT LESSON 23

PREPARING FOR THE FAA PRACTICAL TEST

SOLO - LOCAL

LESSON OBJECTIVES:

During this flight, you will practice flight maneuvers with special emphasis on correcting any weak areas in preparation for the final Progress Check.

CONTENT:

Preflight Discussion

IMPROVING YOUR SKILLS

Cont. Comp.

- | | | |
|--------------------------|--------------------------|-----------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Rectangular Courses |
| <input type="checkbox"/> | <input type="checkbox"/> | S-Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Turns Around a Point |
| <input type="checkbox"/> | <input type="checkbox"/> | Steep Turns |
| <input type="checkbox"/> | <input type="checkbox"/> | Maneuvering During Slow Flight |
| <input type="checkbox"/> | <input type="checkbox"/> | Power-Off Stalls |
| <input type="checkbox"/> | <input type="checkbox"/> | Power-On Stalls |
| <input type="checkbox"/> | <input type="checkbox"/> | Short-Field Takeoffs and Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Soft-Field Takeoffs and Landings |
| <input type="checkbox"/> | <input type="checkbox"/> | Forward Slips to a Landing |
| <input type="checkbox"/> | <input type="checkbox"/> | As Assigned by your Instructor |

Postflight Discussion

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you have conducted the assigned solo flight. During this lesson, you will correct any weak performance areas that were noticed in Lesson 22.

Flight Time: _____ Flight Trng: _____ PIC: _____ Instrument Trng: _____ X-C Flight Trng: _____

X-C PIC: _____ Night Flight Trng: _____ Night PIC: _____ Landings Tower/Night: _____/_____ FTD: _____

Student: _____ Date: _____

CFI: _____ Date: _____

Cessna Private Pilot Course

CHECK RIDE BRIEFING

OBJECTIVES

During this briefing you will take your final Oral Exam to make sure you are ready for the ground portion of the FAA Private Pilot Practical Test. This is the time to discuss any questions you have with your instructor.

CONTENT

1. Certificates and Documents
2. Weather Information
3. Cross-Country Flight Planning and Navigation
4. Aeronautical Charts
5. The Airspace System
6. Basic VFR Weather Minimums
7. Performance and Limitations
8. Weight and Balance
9. Operation of Systems
10. Engine Operations
11. Fuel System
12. Electrical System
13. Minimum Equipment
14. Aeromedical Factors
15. Supplemental Oxygen
16. Emergency Operations
17. Stall and Spin Awareness
18. FAR's and NTSB 830
19. Basic Aerodynamics
20. Flight Publications

The student has satisfactorily completed this solo briefing.

COMPLETION STANDARDS

You will have completed this briefing satisfactorily when you exhibit the knowledge requirements outlined in the current FAA Private Pilot Practical Test Standards. In addition, you must have a clear understanding of the factors affecting good judgment.

Student: _____

Date: _____

CFI: _____

Date: _____

Cessna Private Pilot Course

FINAL PROGRESS CHECK

(Your Private Pilot check ride is next)

DUAL - LOCAL

LESSON OBJECTIVES:

This flight is the final Progress Check. During the flight, you should demonstrate Private Pilot proficiency in all your flying. In addition, you will exhibit sound judgment in decision making. It is recommended that this Progress Check be conducted by the Chief/Assistant Chief Flight Instructor.

CONTENT:

Preflight Discussion

Testing Your Skills

Preflight Preparation

- ___ Certificates and Documents
- ___ Weather Information
- ___ Cross-Country Flight Planning
- ___ The Airspace System
- ___ Performance and Limitations
- ___ Operation of Systems
- ___ Minimum Equipment List
- ___ Aeromedical Factors

Cross-Country Flying

- ___ Pilotage and Dead Reckoning
- ___ Radio Navigation
- ___ Diversion to an Alternate
- ___ Lost Procedures

Basic Piloting Skills

- ___ Preflight Inspection
- ___ Cockpit Management
- ___ Engine Starting
- ___ Taxiing
- ___ Before Takeoff Check
- ___ Radio Communications
- ___ ATC Light Signals
- ___ Collision Avoidance Precautions
- ___ Wake Turbulence Avoidance
- ___ Airport and Runway Markings and Lighting
- ___ Normal and Crosswind Takeoffs and Climbs
- ___ Short-Field Takeoff and Climb
- ___ Soft-Field Takeoff and Climb

Basic Piloting Skills (cont.)

- ___ Straight-and-Level Flight (VR-IR)
- ___ Constant Airspeed Climbs (VR-IR)
- ___ Constant Airspeed Descents (VR-IR)
- ___ Turns to Headings (VR-IR)
- ___ Recovery from Unusual Flight Attitudes (IR)
- ___ Emergency Descents and Climbs Using Radio Aids or Radar Directives (IR)
- ___ Using Radio Communications, Navigation Systems/Facilities and Radar Services (IR)
- ___ Maneuvering During Slow Flight
- ___ Power Off Stall (approach to landing stall)
- ___ Power On Stall (takeoff and departure stall)
- ___ Flight at Slow Airspeeds with Realistic Distractions
- ___ Recognition and Recovery from Stalls Entered from Straight Flight and from Turns
- ___ Spin Awareness Discussion
- ___ Steep Turns
- ___ Night Preparations
- ___ Night Operations
- ___ Ground Reference Maneuvers
- ___ Systems and Equipment Malfunctions
- ___ Emergency Procedures
- ___ Emergency Descent
- ___ Emergency Approach and Landing
- ___ Emergency Equipment and Survival Gear
- ___ Traffic Patterns
- ___ Normal and Crosswind Approaches and Landings
- ___ Forward Slips to a Landing
- ___ Go-Around
- ___ Short-Field Approach and Landing
- ___ Soft-Field Approach and Landing
- ___ Postflight Procedures

Postflight Discussion

- The student may be permitted to take the FAA flight check.
- The student needs further instruction on one or more items on the Final Progress Check, and must complete a flight check with a check-pilot and show competency in the areas of deficiency before progressing to the FAA flight check.

COMPLETION STANDARDS:

You will have completed this lesson satisfactorily when you demonstrate proficiency that meets the standard of performance outlined in the current FAA Private Pilot Practical Test Standards. Additional instruction will be assigned, if necessary, to meet the cross-country and course completion standards.

Student: _____

Date: _____

CFI: _____

Date: _____