



# **TRAINING COURSE OUTLINE**

## **PART 141**

**Pilot School Certificate Number: 6VFS045L**

# **Commercial Certificate**

## **(Flight Training Only)**

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Page #	Revision	Date
i	1.0	09/2019
ii	1.2	04/2021
iii	1.2	04/2021
iv	1.2	04/2021
1	1.3	12/2022
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4	1.4	06/2023
5	1.4	06/2023
6	1.1	01/2021
7	1.1	01/2021

### FAA APPROVED

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## Record of Changes

Superseded Page(s)	Section(s)	Date of Effective Change	Reason for Change
iii	LOEP	01/2021	LOEP listed additional pages that did not exist
iv	ROC	01/2021	RoC updated to reflect R1.1 changes
1	2.1	01/2021	Updated to reflect the addition of briefing room four
3	3.4	01/2021	Updated to reflect change of Chief Flight Instructor
6	ATT 1	01/2021	Updated to reflect the addition of briefing room four
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4	7.1 b)	01/2021	Added provisions for non-US citizens to enroll in the course
4	7.2	01/2021	Added certificates required to be held to enroll in the course
5	7.3 b)	01/2021	Clarified timeline of enrollment certificate requirements
2	2.6	01/2021	Removed extraneous paragraph number
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1-2	2.1-2.3, 2.5	04/2021	Updated to reflect contents of the specified room(s) and training aids
2	2.4	04/2021	Added new section 2.4 to specify the simulator room
2	2.5-2.7	04/2021	Updated section numbers to reflect addition of section 2.4
ii	ToC	04/2021	Updated table of contents to reflect section updates
1	2.1	12/2022	Updated to reflect Smartboards in briefing rooms
1	2.2	12/2022	Updated to reflect availability of Mobile Computers in Conference Room
2	2.3	12/2022	Updated to reflect availability of Mobile Computers in Conference Room
3	3.4	12/2022	Updated to reflect change of Chief Flight Instructor
4	7.1 (b)	12/2022	Updated to reflect change from AFSP to FTSP
5	7.4	12/2022	Updated to reflect wording change from ASA to VFA Syllabus
iii	LOEP	12/2022	Updated to reflect new revision numbers
iv	RoC	12/2022	Updated to reflect R 1.3 Changes

2,4,5	2.7,6.1,7.3,8.1	06/2023	Updated to Reflect Vermont Technical College name change to Vermont State University
7	ATT 2	06/2023	Updated to Vermont Flight Academy Commercial Certificate Flight Syllabus R1.4
iii	LOEP	06/2023	Updated to reflect new revision numbers
iv,v	RoC	06/2023	Updated to reflect R 1.4 Changes

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# 1. Training Base Location

## 1.1 Vermont Flight Academy

VFA main instructional facilities are located at 355 Valley Road, South Burlington, VT 05403. Directions to the location are listed on the VFA website, found at:

[www.flyvfa.org](http://www.flyvfa.org)

## 1.2 The Burlington Airport

All VFA flight training missions originate from the Vermont Flight Academy facility located at the 14 CFR Part 139 Burlington International Airport (KBTV), in South Burlington, Vermont.

## 1.3 Training Airports

All airports used for training operations meet the requirements of 14 CFR part 141.38. A list of suggested airports may be found in the *Vermont Flight Academy Standard Operating Procedures*.

# 2. Training Facilities

## 2.1 Flight Briefing Rooms

There are four total briefing rooms. Three briefing rooms that are approximately 10' x 10' each and can accommodate a maximum of five people each. One briefing room that is approximately 9' x 9' and can accommodate a maximum of three people. Briefing rooms include the following,

- a) Computer(s) including internet access; and
- b) Wall-mounted whiteboard(s) and/or Wall-mounted Smartboard(s).

## 2.2 Classroom

There is a classroom measuring approximately 19' x 32' and can accommodate a maximum number of 24 people. The classroom includes the following,

- a) When required, equipped with mobile computer(s) including internet access;;
- b) Wall-mounted whiteboard;
- c) Ceiling mounted projector;
- d) Apple TV;
- e) Document Camera;
- f) Surround sound system;
- g) DVD player; and
- h) PFC CR12.

## 2.3 Conference Room

There is a conference room measuring approximately 16' x 9' and can accommodate a maximum number of 9 people. The conference room includes the following,

- a) When required, equipped with mobile computer(s) including internet access;
- b) Wall-mounted whiteboard; and
- c) Portable projector.

## 2.4 Sim Room 1

There is a simulator room measuring approximately 19' by 19' and can accommodate a maximum number of five people. The sim room includes the following,

- a) Redbird FMX full motion simulator; and
- b) Redbird TD.

## 2.5 Training Aids

Training aids consist of the following:

- a) Model airplanes;
- b) Various aircraft parts for training purposes only; and
- c) Aeronautical charts and publications for training purposes only.

## 2.6 Facility Diagrams

Facility diagrams are located in [Attachment 1](#).

## 2.7 Ground Training Course

Separate ground training courses are conducted either online through an FAA 141 Approved Online Ground Course or in person at the Vermont State University Williston Campus. Each course holds a separate 141 certificate.

# 3. Authorized Instructors

## 3.1 Flight Instruction

All flight instructors must possess a valid Flight Instructor Certificate. If Instrument Instruction is to be given, a Flight Instructor Instrument Rating must be held.

### 3.2 Ground Instruction

Pre & Post and supplemental ground instruction may be conducted by either a flight instructor with a valid Flight Instructor Certificate or an authorized Ground Instructor.

### 3.3 All Instruction

All training, flight and ground, will be conducted only by those instructors who have been authorized by the Chief Flight Instructor or his designee.

### 3.4 Chief & Assistant Chief Flight Instructors

Instructor	Certificate Number
Noah Ranallo – Chief Flight Instructor	3765775CFI
Matthew Sawyer – Assistant Chief Flight Instructor	3827976CFI

## 4. Approved Aircraft

AIRCRAFT TYPE	SPECIAL EQUIPMENT
CESSNA 172G	Garmin IFR
CESSNA 172M	Garmin IFR
CESSNA 172N	Garmin IFR
CESSNA 172R	Garmin IFR
CESSNA 172S	Garmin IFR
PIPER PA28R-201 ARROW	Garmin IFR
BELLANCA CITABRIA 7KCAB	VFR

## 5. Flight Training Devices

### 5.1 AATD

VFA uses two Advanced Aviation Training Devices (AATD). One Redbird FMX AATD. One Precision Flight Controls CR-12 AATD.

AATD	Maximum Hours Credit - Commercial
REDBIRD FMX	24 Hours
PRECISION FLIGHT CONTROLS CR-12	24 Hours



## 5.2 Maximum Training Time

A maximum of 24 hours between both simulators may be credited towards the Commercial Certificate.

# 6. Minimum Training Time

## 6.1 Required Hours

Minimum hours required to complete the Flight Training Course for Commercial Certificate Airplane Certification in accordance with 14 CFR Part 141:

- a) 120 hours of flight training time; and
- b) the FAA Approved 141 Commercial Certificate Ground Course provided by The Vermont State University; or
- c) an FAA Approved 141 Commercial Certificate Online Ground Course.

# 7. Enrollment

## 7.1 Enrollment Documents

In order to enroll in the course, applicants must provide the following documentation:

- a) if a U.S. citizen, proof of U.S. citizenship;
  - 1) U.S. Passport or,
  - 2) Birth Certificate and government issued identification with a photograph (U.S. driver's license, military identification, other U.S. government identification with a photograph.
- b) if a Non-U.S. citizen, apply to and receive approval from the TSA in accordance with the Flight Training Security Program.

## 7.2 FAA documents

- a) FAA third class or higher medical certificate; and
- b) FAA Private Pilot Certificate or,
- c) FAA Commercial Pilot Certificate.

## 7.3 Enrollment Certificates

- a) A flight enrollment certificate will be issued upon enrolling in the 141 flight course (The Enrollment Certificate can be found in [Attachment 2](#)); and
- b) A ground enrollment certificate from an FAA approved 141 online ground course or from Vermont State University must be issued before flight course enrollment.

## 7.4 Enrollment Prerequisites

Further guidance on enrollment prerequisites may be found in the *VFA Commercial Pilot Syllabus* ([Attachment 2](#)).

# 8. Graduation

## 8.1 Ground Training

A separate Ground Training Graduation Certificate will be issued & signed by either Vermont State University or an FAA 141 approved online ground course.

## 8.2 Completion

Upon successful completion of the Flight Training Course for Commercial Certificate Airplane & the receipt of the Ground Training Graduation Certificate, a Flight Graduation Certificate will be issued (The Graduation Certificate can be found in [Attachment 2](#)).

## 8.3 Application for Pilot Certification

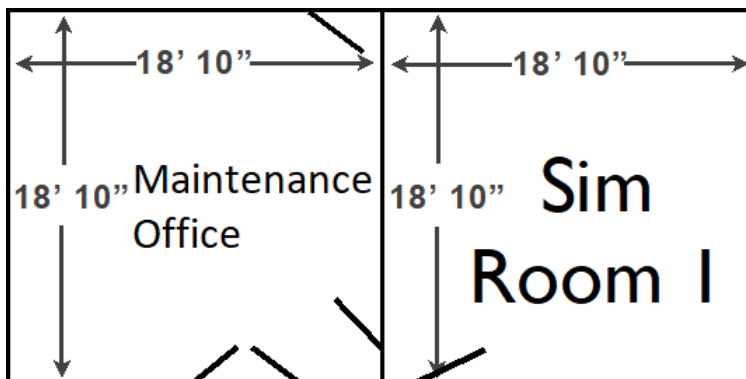
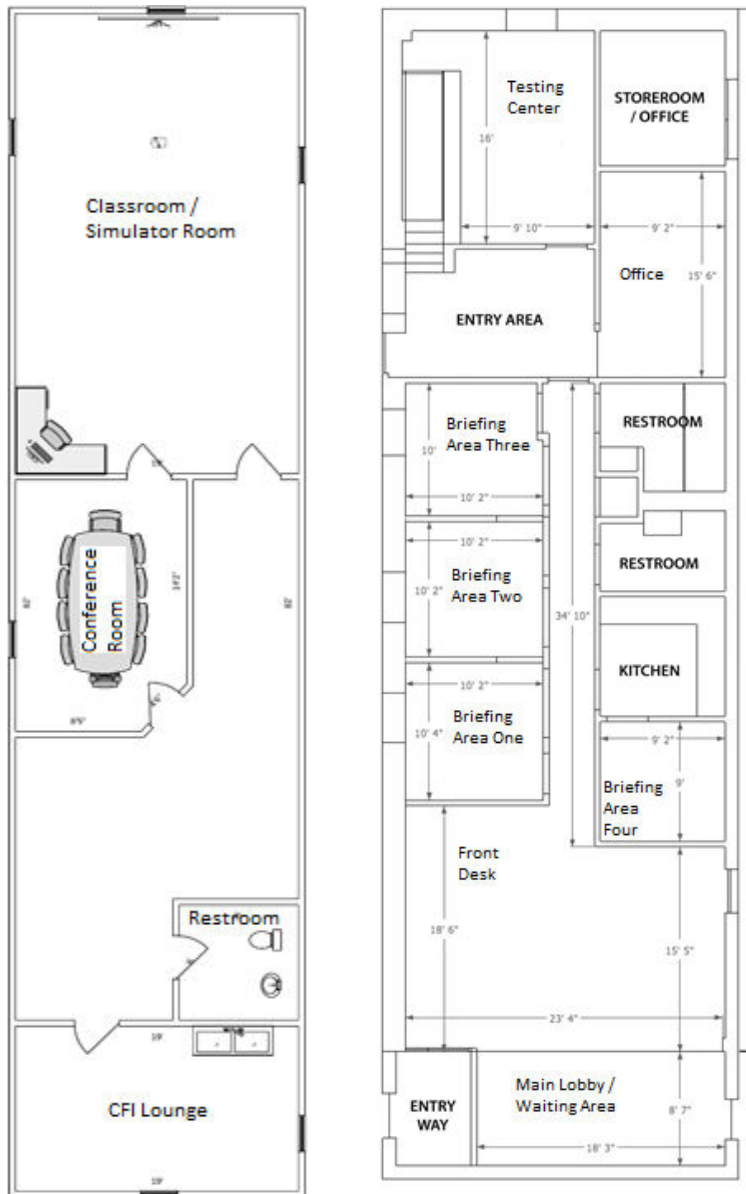
An FAA Application for Pilot Certification will be completed and affiliated to enable the applicant to take a Practical Test for the Commercial Certificate with either a Designated Pilot Examiner or an FAA inspector.

# 9. Record Keeping

## 9.1 Flight Schedule Pro

Student flight training records will be kept in accordance with 14 CFR 141 and using VFA's approved electronic record keeping system, Flight Schedule Pro.

# Attachment 1: Training Facility Diagrams



## **Attachment 2: Commercial Certificate Flight Syllabus**

*The Vermont Flight Academy Commercial Certificate Flight Syllabus R1.4*



# COMMERCIAL PILOT FLIGHT SYLLABUS

**Part 61/141**

**Version 1.4**

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## About This Syllabus

### Course Objective:

The objective of this course is to give the student the necessary skills, knowledge, and experience required to obtain a Commercial Pilot Certificate with an Airplane category and Single-Engine Land Class rating.

### Prerequisites:

The student must meet the physical requirements of a second-class medical certificate, hold a private pilot certificate with an instrument rating, and must be able to read, speak, write, and understand the English language.

### Experience Requirements

Part 141 - 120 Hours of Flight Experience, 80 of which must be with a Certified Flight Instructor and 40 of which must be solo.

Part 61 - 250 hours of total flight experience, 20 of which must be with a Certified Flight Instructor.

### Commercial Pilot Certificate Course

This syllabus is comprised of flight training only. It satisfies the need for aeronautical skill required to earn the Commercial Pilot Certificate. This course is designed to meet all the requirements for a Commercial Pilot Certificate Part 141.

There are four stages each consisting of several modules, a stage check, and an optional review. Additionally, complex/TAA and tailwheel lessons can be integrated into each stage.

All modules, excluding optional reviews, dual or solo, must be completed within a stage before that relevant stage's stage check may be completed.

### Aviation Training Devices (ATD)

Any module may be completed in an ATD excluding the Stage 4 Stage Check/End of Course Test. For Part 141 flight training, the total time completed in ATD may not exceed 20% of flight training hours required in the approved course. For Part 61 flight training, the total time completed in ATD may not exceed 50 hours.

ATD's are highly beneficial for teaching the processes and procedures of flying and fine-tuning skills. It is recommended to complete as many of the allotted hours as possible in the ATD as the skills learned transfer over to the airplane. This transfer of learning will help to reduce the number of hours flown in the airplane.

### Modules

Each module must be completed in full except for the optional reviews. In the case that a task may not be performed in an airplane, the simulator may be used. In addition, the Chief Flight Instructor or his/her designee may deem items within a lesson as not required to be completed provided adequate reason is given. All modules, excluding optional reviews, dual or solo, must be completed within a stage before that relevant stage's stage check may be completed.



### **Testing Procedures**

At the end of each stage, a stage check must be accomplished. The stage check will be conducted by the Chief Flight Instructor, Assistant Chief Flight Instructor, or a Check Instructor.

The stage check grading scale follows the maneuver grading scale, except the minimum passing grade for each stage check is progressively raised to ensure that learning progression has occurred. The maneuver grade scale and stage check grading scale can be found in this syllabus.

### **Training Standards**

Training standards are based on the *Commercial Pilot Airmen Certification Standards*. Module completion standards become progressively harder throughout the syllabus in order to refine the student's skill, knowledge, and experience to meet ACS Standards.

### **Complex Aircraft/Technically Advanced Aircraft (TAA)**

Any module can be completed in a complex or TAA with the addition of the appropriate lesson content as specified in the Complex/TAA section of this syllabus.

Ten hours of flight training must be completed in a complex or TAA before a student may graduate from this course. The stage check instructor that conducts the Stage 4 Stage Check must verify that this requirement has been met.

One stage check should be conducted in a complex or TAA.

Not all tasks will be able to be completed in a Complex aircraft. Additionally, not all tasks will be able to be completed in a TAA. Tasks that are not applicable to a complex or TAA that are used to complete a Complex/TAA module shall be marked as not required.

### **Tailwheel**

Any appropriate module can be completed in a tailwheel with the addition of the lesson content as specified in the tailwheel section of this syllabus. All lesson content should be completed on a flight that a tailwheel is being used for. Chief Flight Instructor, Assistant Chief Flight Instructor, or Designee Approval must be given prior to conducting a module in a tailwheel aircraft.

### **Approaches**

The type of approach specified on a module must be performed. If the type of approach required by a module is unavailable due to extenuating circumstances such as maintenance or favorable runway, a different approach type may be substituted without receiving permission. The newly selected approach must be of the same type of approach as the one it is substituting. Ex.) The VOR 01 is unavailable due to prevailing wind, another non-precision approach may be utilized, but a precision approach may not. If the required approach was a precision approach, an LPV approach with minimums of 300' or less may be substituted.

## Maneuver Grading Scale

### **NG – Not Graded**

The task or maneuver was not graded because it was not performed

### **1 – Describe/Explain**

The student was able to partially describe the physical aspects of the maneuver or task. The student required instructor assistance to manipulate the aircraft controls in the proper manner.

### **2 - Develop (Lowest Passing Grade)**

The student was able to successfully communicate the procedures of the task or maneuver as well as understand the concepts that apply. The student required instructor assistance to manipulate the aircraft controls in the proper manner.

### **3 - Improve**

The student was able to improve their physical skills in the task or maneuver. The student required assistance verbally or physically from the flight instructor to successfully complete the maneuver.

### **4 - Practice**

The student was able to practice the task or maneuver with only verbal assistance from the flight instructor.

### **5 - Perform**

The student was able to execute the task or maneuver with no instructor assistance and within the module completion standard.

### **6 - At Standards**

The student was able to execute the task or maneuver with no instructor assistance and met or exceeded the ACS standards.

### **NR - Not Required**

The task or maneuver was not required to be completed in the lesson. This is only to be used with Chief Flight Instructor or his/her designee's approval or at the end of the course for optional review that were not necessary for the student to complete.

## Stage Check Grading Scale

Student will receive a grade of satisfactory or unsatisfactory for each task. To pass the Stage Check, every task must be graded as satisfactory. The stage check instructor must write in the comments section the reason that each Unsatisfactory task was graded as such.

### **US – Unsatisfactory**

The task was not completed to the standards set forth in the stage check standards for that stage.

### **S – Satisfactory**

The task was completed to the standards set forth in the stage check standards for that stage.

## Solo Grading Scale

**C – Complete**

The student completed the task or maneuver.

**NC – Not Complete**

The student did not complete the task or maneuver

**NR – Not Required**

The task or maneuver was not required to be completed in the lesson. This is only to be used with Chief Flight Instructor or his/her designee's approval or at the end of the course for optional review that were not necessary for the student to complete.

## Commercial Pilot Certificate Minimum Course Hours Dual

	Total Flight	Cross Country	Night	Simulated Instrument
<b>Stage 1</b>				
Module 1	1.5			1.5
Module 2	1.5			
Module 3	1.5			1.5
Module 4	1.5			
Module 5	1.5			1.5
Module 6	1.5			
Module 7	1.5			1.5
Module 8	1.5			
Stage Check	1.5			
Review	1.5			
<b>Stage 2</b>				
Module 1	1.5			1.5
Module 2	1.5			
Module 3	1.5		1.5	1.5
Module 4	1.5			
Module 5	1.5			1.5
Module 6	1.5			
Module 7	1.5			1.5
Module 8	1.5			
Stage Check	1.5			
Review	1.5			
<b>Stage 3</b>				
Module 1	2	2		1
Module 2	2	2	2	
Module 3	3.5	3.5		1.5
Module 4	3.5	3.5		
Module 5	3	3		1.2
Module 6	5.5	5.5		
Module 7	5.5	5.5		2.5
Stage Check	2.5	2.5		
Review	2.5	2.5		
<b>Stage 4</b>				
Module 1	2			.5
Module 2	2			
Module 3	2			.5
Module 4	2			
Module 5	2			.5
Module 6	2			
Module 7	2			.5
Module 8	2			
Stage Check	2			
Review	2			
<b>*Totals</b>	<b>80*</b>	<b>30</b>	<b>3.5</b>	<b>20.2</b>

Note: \*Review flights are optional. However, they may be necessary to meet the minimum course hours requirement of 120 hours of flight training time. 80 hours of dual and 40 hours of solo are approximate training times. Provided 120 hours of flight training is accomplished during the course, the student will have successfully completed the required training hours.

## Commercial Pilot Certificate Minimum Course Hours Solo

	Total Flight	Solo Cross Country	Solo Night
<b>Stage 2</b>			
Module 1	1.4		
Module 2	1.4		
Module 3	1.4		
Module 4	1.4		1.4
Module 5	1.4		1.4
Module 6	1.4		1.4
Module 7	1.4		1.4
<b>Stage 3</b>			
Module 1	2.1	2.1	
Module 2	2.1	2.1	
Module 3	2.1	2.1	
Module 4	2.4	2.4	
Module 6	3.1	3.1	
Module 7	3.1	3.1	
Module 8	5.5	5.5	
<b>Stage 4</b>			
Module 1	1.4		
Module 2	1.4		
Module 3	1.4		
Module 4	1.4		
Module 5	1.4		
Module 6	1.4		
Module 7	1.4		
<b>Totals</b>	<b>40</b>	<b>20.4</b>	<b>5.6</b>

## Complex, Tailwheel

Complex/TAA	Tailwheel
Module 1	Module 1
Module 2	Module 2
Module 3	Module 3
Module 4	Module 4
Module 5	Module 5
Module 6	Module 6
Module 7	Module 7
Module 8	Module 8
Module 9	Module 9
Module 10	Module 10

Note: \*Complex/TAA modules are not required to be completed to finish the course, a minimum of 10 hours in a Complex/TAA aircraft is still required. See page v for additional information.

\*\*Tailwheel modules are not required to be completed to finish the course. See page v for additional information.

## Part 141 Appendix D Compliance

List and location of aeronautical flight tasks required for Part 141 compliance.

<b>Part 141 Appendix D – Flight Training</b>		<b>Location in Syllabus</b>
<b>1</b>	55 hours of flight training from a certificated flight instructor	Stage 1-4 Dual All Modules
<b>1a</b>	Ten hours of instrument training using a view-limiting device including attitude instrument flying, partial panel skills, recovery from unusual flight attitudes, and intercepting and tracking navigational systems. Five hours of the 10 hours required on instrument training must be in a single engine airplane	Stage 1 Dual Module 2, 4, 6, 8 Stage 2 Dual Module 1, 3, 5, 7 Stage 3 Dual Module 1, 3, 5, 7 Stage 4 Dual Module 1, 3, 5, 7
<b>1b</b>	Ten hours of training in a complex airplane, a turbine-powered airplane, or a technically advanced airplane that meets the requirements of § 61.129(j) of this chapter, or any combination thereof. The airplane must be appropriate to land or sea for the rating sought	“*Reference Syllabus Description, Page V”
<b>1c</b>	One 2-hour cross country flight in daytime conditions in a single engine airplane that consists of a total straight-line distance of more than 100 nautical miles from the original point of departure	Stage 3 Dual Module 1
<b>1d</b>	One 2-hour cross country flight in nighttime conditions in a single engine airplane that consists of a total straight-line distance of more than 100 nautical miles from the original point of departure	Stage 3 Dual Module 2
<b>1e</b>	3 hours in a single-engine airplane in preparation for the practical test within 60 days preceding the date of the test	Stage 4 Dual Module 7 and 8
<b>2</b>	Ten hours of solo flight time in a single engine airplane, or 10 hours of flight time while performing the duties of pilot in command in a single engine airplane with an authorized instructor on board	Stage 3 Solo Module 1-8
<b>2a</b>	One cross-country flight, if the training is being performed in the State of Hawaii, with landings at a minimum of three points, and one of the segments consisting of a straight-line distance of at least 150 nautical miles	Stage 3 Dual Module 7
<b>2b</b>	One cross-country flight, if the training is being performed in a State other than Hawaii, with landings at a minimum of three points, and one segment of the flight consisting of a straight-line distance of at least 250 nautical miles	Stage 3 Dual Module 7
<b>2c</b>	5 hours in night VFR conditions with 10 takeoffs and 10 landings (with each landing involving a flight with a traffic pattern) at an airport with an operating control tower	Stage 2 Solo Module 4-7

Enrollment and Graduation Certificates



**Enrollment Certificate**

This is to certify that Student Name is enrolled in the Federal Aviation Administration approved Commercial Pilot Certification Course conducted by Vermont Flight Academy (6VFS045L)

Date of Enrollment:  
1/14/2021

Chief Instructor:



**Graduation Certificate**

# 000000

This is to certify that Student Name has satisfactorily completed all stages, tests, and course requirements and has graduated from the Federal Aviation Administration approved Commercial Pilot Certification Course conducted by Vermont Flight Academy (6VFS045L)

**The graduate has received 0 hours of cross-country training.**

Date of Graduation:  
1/14/2021

Chief Instructor:

Instructor Signature:

Digitally Signed via PIN

## Stage 1 Dual – Performance Maneuvers

### Objective

The purpose of this stage is to allow the pilot to familiarize themselves with the performance maneuvers required for the Commercial Airplane Certification in the local flight training environment.

### Completion Standards

Stage One is complete when the pilot can successfully complete the required stage one maneuvers with only physical or verbal assistance from the flight instructor.

### Flight Training

- Checklist Usage
- Preflight Check
- Weight and Balance
- Obtaining a Weather Briefing
- Position of Controls for Taxi
- Radio Communications
- Collision Avoidance
- Checklist Usage
- Preflight Check
- Soft Field Takeoff and Climb
- Steep Turns
- Lazy Eights
- Chandelles
- Steep Spirals
- Slow Flight
- Stall Series: Power On, Off, Accelerated
- Go-Around
- Soft Field Approach and Landing
- Postflight Procedures
- RNAV Approach
- VOR Approach
- Circling Approach



## Stage 1/ Module 1

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills in VOR and RNAV approaches and holds.

**Content***Review*

- Preflight Inspection
- GPS Navigation
- RNAV Approach(Partial Panel)
- VOR Approach (Partial Panel)
- Missed Approaches
- Circle to Land
- Holding Procedures (Partial Panel)
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 2

**Flight Training (1.5 Hours)****Module Objective:**

To introduce the student to steep spirals and accelerated stalls.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Taxi
- Weight and Balance
- Collision Avoidance
- Normal Takeoff and Climb
- Steep Turns
- Slow Flight
- Power On Stalls
- Power Off Stalls
- Normal Approach and Landing
- Postflight Procedures

*Teach*

- Steep Spirals
- Accelerated Stalls

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 3

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content***Review*

- Preflight Inspection
- GPS Navigation
- VOR Approach
- ILS Approach
- Missed Approaches
- Circle to Land
- Holding Procedures
- Postflight Procedures

*Teach*

- Aircraft Performance
- Oxygen Requirements

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 4

**Flight Training (1.5 Hours)****Module Objective:**

To introduce the student to chandelles and allow them to develop their skills in steep turns, stalls, slow flight, go arounds, takeoffs, landings, and instrument approaches.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Taxi
- Collision Avoidance
- Soft Field Takeoff and Climb
- Steep Turns
- Slow Flight
- Stall Series: Power On, Off, Accelerated
- Go-Around
- Soft Field Approach and Landing
- Instrument Approach Procedures
- Postflight Procedures

*Teach*

- Chandelles

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 5

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content***Review*

- Preflight Inspection
- ILS Approach
- RNAV Approach (Partial Panel)
- Missed Approaches
- Holding Procedures (All Entries, Normal and Partial Panel)
- Postflight Procedures

*Teach*

- Turbocharger Monitoring
- High Altitude Navigation
- Decompression Recognition

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 6

**Flight Training (1.5 Hours)****Module Objective:**

To introduce the student to lazy eights and build proficiency in steep turns, slow flight, stalls, takeoffs, and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Steep Turns
- Steep Spirals
- Slow Flight
- Stall Series: Power On, Off, Accelerated
- Short Field Approach and Landing
- Postflight Procedures

*Teach*

- Lazy Eights

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 7

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content***Review*

- Preflight Inspection
- ILS Approach
- RNAV Approach (Partial Panel)
- Missed Approaches
- Holding Procedures (All Entries, Normal and Partial Panel)
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Module 8

**Flight Training (1.5 Hours)****Module Objective:**

For the student to become proficient in the commercial pilot maneuvers for the stage one stage check.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Weight and Balance
- Obtaining a Weather Briefing
- Position of Controls for Taxi
- Radio Communications
- Collision Avoidance
- Soft Field Takeoff and Climb
- Steep Turns
- Lazy Eights
- Chandelles
- Steep Spirals
- Slow Flight
- Stall Series: Power On, Off, Accelerated
- Go-Around
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Stage Check

**Flight Training (1.5 Hours)****Module Objective:**

For the student to review stage one tasks and meet the required flight criteria in the completion standards.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Weight and Balance
- Obtaining a Weather Briefing
- Position of Controls for Taxi
- Radio Communications
- Collision Avoidance
- Soft Field Takeoff and Climb
- Steep Turns
- Lazy Eights
- Chandelles
- Steep Spirals
- Slow Flight
- Stall Series: Power On, Off, Accelerated
- Go-Around
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 1/ Optional Review

**Flight Training (1.5 Hours)****Module Objective:**

For the student to review and practice any areas of flight they are deficient in

**Content:***Review*

- Checklist Usage
- Preflight Check
- Weight and Balance
- Obtaining a Weather Briefing
- Position of Controls for Taxi
- Radio Communications
- Collision Avoidance
- Soft Field Takeoff and Climb
- Steep Turns
- Lazy Eights
- Chandelles
- Steep Spirals
- Slow Flight
- Stall Series: Power On, Off, Accelerated
- Go-Around
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 200 feet, airspeed within 20 Knots, bank angle within 15 degrees and heading within 20 degrees, the module is considered complete.

## Stage 2 Dual – Ground Reference Maneuvers and Landings

### Objective

The purpose of this stage is to allow the pilot to familiarize themselves with the ground reference maneuvers required for the Commercial Airplane Certification in the local training environment.

### Completion Standards

Stage Two is complete when the pilot can successfully complete the required stage two maneuvers with only verbal assistance from the flight instructor.

### Flight Training

- Short Field Takeoff and Climb
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Postflight Procedures
- Partial Panel Instrument
- ILS Approach
- Holding Procedures
- Missed Approach Procedures

## Stage 2/ Module 1

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content:***Review*

- Preflight Inspection
- IFR Clearance
- VOR Approach
- ILS Approach
- RNAV Approach
- One Partial Panel Approach (Instructor Discretion on Type)
- Holding Procedures
- Missed Approach Procedures
- One Circle to Land Approach (Instructor Discretion on Type)
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Module 2

**Flight Training (1.5 Hours)****Module Objective:**

To introduce the student to eights on pylons and emergency descents while allowing them to gain proficiency in steep turns, chandelles, steep spirals, takeoffs, and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Soft Field Takeoff and Climb
- Steep Turns
- Chandelles
- Steep Spirals
- Normal Approach and Landing
- Postflight Procedures

*Teach*

- Eights On Pylons
- Emergency Descent

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Module 3

**Flight Training (1.5 Hours)(Night)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content:***Review*

- Preflight Inspection
- IFR Clearance
- VOR Approach
- ILS Approach
- RNAV Approach
- One Partial Panel Approach (Instructor Discretion on Type)
- Holding Procedures
- Missed Approach Procedures
- One Circle to Land Approach (Instructor Discretion on Type)
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Module 4

**Flight Training (1.5 Hours)****Module Objective:**

To introduce the student to power off 180's while allowing them to gain proficiency in steep turns, lazy eights, steep spirals, takeoffs, and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Steep Spirals
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Go-Around
- Approach and Landing
- Postflight Procedures

*Teach*

- Power Off 180's

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees



## Stage 2/ Module 5

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content:***Review*

- Preflight Inspection
- IFR Clearance
- VOR Approach
- ILS Approach
- RNAV Approach
- One Partial Panel Approach (Instructor Discretion on Type)
- Holding Procedures
- Missed Approach Procedures
- One Circle to Land Approach (Instructor Discretion on Type)
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Module 6

**Flight Training (1.5 Hours)****Module Objective:**

To allow the student to gain proficiency in takeoffs and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Module 7

**Flight Training (1.5 Hours)****Module Objective:**

For the student to continue to develop their skills on Instrument approach procedures.

**Content:***Review*

- Preflight Inspection
- IFR Clearance
- VOR Approach
- ILS Approach
- RNAV Approach
- One Partial Panel Approach (Instructor Discretion on Type)
- Holding Procedures
- Missed Approach Procedures
- One Circle to Land Approach (Instructor Discretion on Type)
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

.

## Stage 2/ Module 8

**Flight Training (1.5 Hours)****Module Objective:**

For the student to become proficient in the commercial pilot maneuvers for the stage two stage check.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Stage Check

### **Flight Training (1.5 Hours)**

#### **Module Objective:**

For the student to review stage two tasks and meet the required flight criteria in the completion standards.

#### **Content:**

##### *Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Postflight Procedures

#### **Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2/ Optional Review

### **Flight Training (1.5 Hours)**

#### **Module Objective:**

For the student to review and practice any areas of flight they are deficient in.

#### **Content:**

##### *Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Postflight Procedures

#### **Completion Standards:**

When the student demonstrates the ability to fly within 175 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 15 degrees

## Stage 2 Solo – Ground Reference Maneuvers and Landings

### Objective

The purpose of this stage is to allow the pilot to familiarize themselves with the ground reference maneuvers required for the Commercial Airplane Certification while solo in the local training environment.

### Completion Standards

Stage Two solo is complete when the pilot has successfully completed the required stage two flight maneuvers and night flight hours, excluding the night cross country, under 14 CFR 141 Appendix D.

### Flight Training

- Short Field Takeoff and Climb
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Postflight Procedures

## Stage 2/ Module 1

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain proficiency in steep turns, chandelles, steep spirals, eights on pylons, takeoffs, and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Soft Field Takeoff and Climb
- Steep Turns
- Chandelles
- Steep Spirals
- Soft Field Approach and Landing
- Postflight Procedures
- Eights On Pylons

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 2/ Module 2

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain proficiency in lazy eights, steep spirals, eights on pylons, takeoffs, and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Steep Spirals
- Lazy Eights
- Eights on Pylons
- Go-Around
- Short Field Approach and Landing
- Postflight Procedures
- Power Off 180's

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 2/ Module 3

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain proficiency in chandelles, steep spirals, eights on pylons, takeoffs, and landings.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Soft Field Takeoff and Climb
- Steep Spirals
- Chandelles
- Eights on Pylons
- Power Off 180's
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 2/ Module 4

**Flight Training (1.4 Hours)(Night)****Module Objective:**

To allow the student to gain the necessary solo night flight hours and gain additional experience in night operations.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Steep Turns
- Slow Flight
- Stop and Go's
- Go-Around
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 2/ Module 5

**Flight Training (1.4 Hours)(Night)****Module Objective:**

To allow the student to gain the necessary solo night flight hours and gain additional experience in night operations

**Content:***Review*

- Checklist Usage
- Preflight Check
- Steep Turns
- Slow Flight
- Stop and Go's
- Go-Around
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 2/ Module 6

**Flight Training (1.4 Hours)(Night)****Module Objective:**

To allow the student to gain the necessary solo night flight hours and gain additional experience in night operations

**Content:***Review*

- Checklist Usage
- Preflight Check
- Steep Turns
- Slow Flight
- Stop and Go's
- Go-Around
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 2/ Module 7

### **Flight Training (1.4 Hours)(Night)**

#### **Module Objective:**

To allow the student to gain the necessary solo night flight hours and gain additional experience in night operations

#### **Content:**

##### *Review*

- Checklist Usage
- Preflight Check
- Steep Turns
- Slow Flight
- Stop and Go's
- Go-Around
- Postflight Procedures

#### **Completion Standards:**

When all tasks or maneuvers have been performed

.



## Stage 3 Dual – Cross Country

### Objective

The purpose of this stage is to allow the pilot to gain cross country flight experience required by 14 CFR 141 Appendix D.

### Completion Standards

Stage Three is complete when the pilot has completed all required cross country hours under 14 CFR 141 Appendix D and can fly cross country flights with no assistance from the flight instructor.

### Flight Training

- Airspace Entry Procedures
- Navigation Procedures
- Instrument Navigation Procedures
- EnRoute Procedures
- Diversion Procedures
- Lost Procedures

## Stage 3/ Module 1(Cross Country)

**Flight Training (2 Hours)****Module Objective:**

For the student to complete a 100 NM straight line distance cross country flight from the original point of departure.

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 100 NM Straight Line Distance, 2-Hour Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- Instrument Navigation Procedures
- EnRoute Procedures
- Lost Procedures
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Module 2(Cross Country)

**Flight Training (2 Hours)(Night)****Module Objective:**

For the student to complete a 100 NM straight line distance cross country flight from the original point of departure.

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 100 NM Straight Line Distance, 2-Hour Cross Country Flight at Night
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Module 3(Cross Country)

**Flight Training (3.5 Hours)****Module Objective:**

For the student to complete a 300 NM total distance cross country flight.

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 300 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Instrument Navigation Procedures
- Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Module 4(Cross Country)

**Flight Training (3.5 Hours)****Module Objective:**

For the student to complete a 300 NM total distance cross country flight.

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 300 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Module 5 (Cross Country)

**Flight Training (3 Hours)****Module Objective:**

For the student to complete a 250 NM total distance cross country flight.

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 250 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- Instrument Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Module 6 (Cross Country)

**Flight Training (5.5 Hours)****Module Objective:**

For the student to complete a 250 NM straight line distance cross country flight from the original point of departure.

**Content:**

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 250 NM Straight Line Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Module 7(Cross Country)

**Flight Training (5.5 Hours)****Module Objective:**

For the student to complete a cross country flight with landings at a minimum of three points, and the longest leg being at least 250NM straight line distance.

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 250 NM Straight Line Distance Cross Country Flight
- Landings at two points other than origin
- Airspace Entry Procedures
- Navigation Procedures
- Instrument Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3 Stage Check(Cross Country)

**Flight Training (2.5 Hours)****Module Objective:**

For the student to complete a 200 NM total distance cross country flight and complete all stage three tasks to completion standards

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 200 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3/ Optional Review

### **Flight Training** (2.5 Hours)

#### **Module Objective:**

For the student to review and practice any areas of flight they are deficient in.

#### **Content:**

##### *Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 200 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Simulated Engine Failure
- Diversion Procedures
- Lost Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

#### **Completion Standards:**

When the student demonstrates the ability to fly within 150 feet, airspeed within 15 Knots, bank angle within 10 degrees, and heading within 10 degrees

## Stage 3 Solo – Cross Country

### Objective

The purpose of this stage is to allow the pilot to gain cross country flight experience required by 14 CFR 141 Appendix D.

### Completion Standards

Stage three solo is complete when the pilot has successfully completed the required solo or PIC cross country time specified in 14 CFR 141 Appendix D.

### Flight Training

- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Diversion Procedures

## Stage 3/ Module 1(Cross Country)

**Flight Training (2.1 Hours)****Module Objective:**

For the student to complete a 150 NM total distance cross country flight

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 150 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 3/ Module 2(Cross Country)

**Flight Training (2.1 Hours)****Module Objective:**

For the student to complete a 150 NM total distance cross country flight

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 150 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed



## Stage 3/ Module 3(Cross Country)

**Flight Training (2.1 Hours)****Module Objective:**

For the student to complete a 150 NM total distance cross country flight

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 150 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 3/ Module 4(Cross Country)

**Flight Training (2.4 Hours)****Module Objective:**

For the student to complete a 200 NM total distance cross country flight

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 200 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 3/ Module 5 (Cross Country)

**Flight Training (3.1 Hours)****Module Objective:**

For the student to complete a 250 NM total distance cross country flight

**Content:***Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 250 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 3/ Module 6 (Cross Country)

**Flight Training (3.1 Hours)****Module Objective:**

For the student to complete a 250 NM total distance cross country flight

**Content:**

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 250 NM Total Distance Cross Country Flight
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

.

## Stage 3/ Module 7(Cross Country)

### **Flight Training** (5.5 Hours)

#### **Module Objective:**

For the student to complete a cross country flight with landings at a minimum of three points, and the longest leg being at least 250NM straight line distance.

#### **Content:**

##### *Review*

- Checklist Usage
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- 250 NM Straight Line Distance Cross Country Flight
- Landings at two points other than origin
- Airspace Entry Procedures
- Navigation Procedures
- EnRoute Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

#### **Completion Standards:**

When all tasks or maneuvers have been performed

.

## Stage 4 Dual – Checkride Preparation

### Objective

The purpose of this stage is to allow the pilot to become proficient in all procedures and maneuvers and prepare the pilot for the FAA Oral and Practical Tests.

### Completion Standards

Stage Four is complete when the pilot can complete the required flight maneuvers by the Commercial Pilot ACS to the standards set forth in the Commercial Pilot ACS

### Flight Training

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

## Stage 4/ Module 1

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

*Teach*

- Aborted Takeoff

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Module 2

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Aborted Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

*Teach*

- Simulated Engine Failure on Takeoff

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Module 3

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Simulated Engine Failure on Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Module 4

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Aborted Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Module 5

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Simulated Engine Failure on Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Module 6

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Simulated Engine Failure on Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards.

## Stage 4/ Module 7

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Module 8

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers in preparation for the end of course stage check.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Simulated Engine Failure on Takeoff
- Aborted Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

**Completion Standards:**

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards



## Stage 4/ Stage Check and End of Course

### Flight Training (2.0 Hours)

#### Module Objective:

To provide a final check to ensure the student is ready to take the Commercial Pilot Practical Exam.

#### Content:

##### Review

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Simulated Engine Failure on Takeoff
- Aborted Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

#### Completion Standards:

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4/ Optional Review

### Flight Training (2.0 Hours)

#### Module Objective:

To allow the student to review any deficient flight or ground knowledge areas.

#### Content:

##### Review

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Simulated Engine Failure on Takeoff
- Aborted Takeoff
- Stall Series: Power On, Off, Accelerated
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Simulated Engine Failure
- Emergency Descent
- Eights on Pylons
- Power Off 180's
- Unusual Attitudes
- Instrument Approach Procedures
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Go-Around
- Postflight Procedures

#### Completion Standards:

When the student demonstrates the ability to complete all maneuvers to Commercial ACS standards

## Stage 4 Solo – Checkride Prep

### Objective

The purpose of this stage is to allow the pilot to become proficient in all procedures and maneuvers, to gain the required solo cross-country flight experience, and prepare the pilot for the FAA Oral and Practical Tests.

### Completion Standards

Stage Four solo is complete when the pilot has successfully completed all required commercial pilot maneuvers to the Commercial Pilot ACS.

### Flight Training

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

## Stage 4/ Module 1

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 4/ Module 2

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 4/ Module 3

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

.

## Stage 4/ Module 4

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 4/ Module 5

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 4/ Module 6

**Flight Training (1.4 Hours)****Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

**Content:***Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

**Completion Standards:**

When all tasks or maneuvers have been performed

## Stage 4/ Module 7

### **Flight Training** (1.4 Hours)

#### **Module Objective:**

To allow the student to gain additional proficiency in the commercial pilot maneuvers.

#### **Content:**

##### *Review*

- Checklist Usage
- Preflight Check
- Short Field Takeoff and Climb
- Soft Field Takeoff and Climb
- Stall Series: Power On, Off
- Steep Turns
- Steep Spirals
- Chandelles
- Lazy Eights
- Eights on Pylons
- Power Off 180's
- Short Field Approach and Landing
- Soft Field Approach and Landing
- Postflight Procedures

#### **Completion Standards:**

When all tasks or maneuvers have been performed

## Complex/TAA Aircraft Training

### Objective

The purpose of this stage is to allow the pilot to become proficient in all procedures regarding complex and technically advanced aircraft

### Completion Standards

Complex/TAA is complete when the pilot has successfully achieved the objectives of each module and can, at minimum, describe the procedures for each portion of flight covered.

### Flight Training

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

Note: \*Complex/TAA modules are not required to be completed to finish the course, a minimum of 10 hours in a Complex/TAA aircraft is still required. See page v for additional information.

\*\*Not all tasks will be able to be completed in a Complex aircraft. Additionally, not all tasks will be able to be completed in a TAA aircraft. Tasks that are not applicable to a complex or TAA that are used to complete a complex/TAA module shall be marked as not required.

## Module 1

**Flight Training****Module Objective:**

To introduce the student to operational procedures and concerns regarding complex/ technically advanced aircraft

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 2

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed



## Module 3

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 4

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 5

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 6

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 7

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 8

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 9

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 10

**Flight Training****Module Objective:**

To allow the student to gain proficiency in the operational procedures and concerns regarding complex/ technically advanced aircraft.

**Content:***Teach*

- Use of Autopilot
- Use of Retractable Landing Gear
- Use of Controllable Pitch Propeller
- Simulated Engine Failure
- PFD/MFD Usage
- Simulated Gear Failure

**Completion Standards:**

When all tasks or maneuvers have been performed

## Tailwheel

### Objective

The purpose of this stage is to allow the pilot to become proficient in all procedures and maneuvers regarding tailwheel aircraft.

### Completion Standards

Tailwheel is complete when the pilot has successfully achieved the objectives of each module and can, at minimum, describe the procedures for each portion of flight covered.

### Flight Training

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

Note: \*\*\*Tailwheel modules are not required to be completed to finish the course. See page v for additional information.

## Module 1

**Flight Training (2.0 Hours)****Module Objective:**

To introduce the student to operational procedures regarding tailwheel aircraft.

**Content:***Teach*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 2

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 3

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 4

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 5

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 6

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed



## Module 7

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 8

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 9

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed

## Module 10

**Flight Training (2.0 Hours)****Module Objective:**

To allow the student to gain proficiency in the operational procedures regarding tailwheel aircraft.

**Content:***Review*

- Wheel Landings
- Three Point Landings
- Normal Takeoff
- Normal Landing
- Crosswind Takeoff
- Crosswind Landing
- Short Field Takeoff
- Short Field Landing
- Soft Field Takeoff
- Soft Field Landing
- 3 Full Stop Landings
- Touch and Go's
- Ground Loop Discussion

**Completion Standards:**

When all tasks or maneuvers have been performed