

**UNIVERSITY OF OKLAHOMA COMMERCIAL PILOT (SECONDARY) (2341)**  
**FLIGHT TRAINING SYLLABUS 2025-AUG-15**

**PREREQUISITES FOR ENROLLMENT IN THE FLIGHT PORTION OF THE COMMERCIAL PILOT COURSE:** You must hold a private pilot certificate with an airplane category and single engine land rating and a medical certificate valid for at least third class privileges prior to enrolling in the flight portion of this course. You must also have an instrument airplane rating, or be concurrently enrolled in the University of Oklahoma Instrument Rating Course and earn your instrument airplane rating prior to completing this course.

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

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

At no time will a student be allowed to continue to the next stage without having successfully completed all of the lessons and the required tests or stage checks related to the completion of the previous stage. Flight training for this course will be done in accordance with the F.A.A approved syllabus. Deviations from the syllabus due to student training requirements, weather related factors, or other items as necessary will be allowed as long as the following requirements are met:

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

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

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

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

### **STUDYING MANEUVERS**

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

FLIGHT LESSON TIME ALLOCATION TABLE										
Lesson	Dual	Solo	Dual Night	Solo Night	Dual XC	Solo XC	TAA	Dual INST.	Pre/Post	GI
STAGE V										
1	3.0				3.0			0.5	0.5	
2	3.0		3.0		3.0			0.5	0.5	
3		4.0				4.0			0.5	
4	2.0							1.5	0.5	
5		4.0				4.0			0.5	
6	2.0							1.5	0.5	
7	2.0						2.0	1.5	0.5	
8	3.0				3.0		3.0	2.5	0.5	
9		5.0				5.0			0.5	
10		5.0				5.0			0.5	
11		6.0				6.0			0.5	
12 QUIZ										0.5
13 (STGCHK)	1.0							0.3	0.5	0.5
<b>Totals</b>	<b>16.0</b>	<b>24.0</b>	<b>3.0</b>		<b>9.0</b>	<b>24.0</b>	<b>5.0</b>	<b>8.3</b>	<b>6.0</b>	<b>1.0</b>
*Notes: *Any shortages in a category must be made up in Stage X.										

### Flight Lesson Time Allocation Table (continued)

**Dual = Flight Instruction in an Airplane**

**Solo = Student Solo Flight in an Airplane**

**Dual Night = Flight Instruction in an Airplane at Night**

**Dual XC = Cross Country Flight Instruction in an Airplane**

**Solo XC = Student Solo Cross Country Flight in an Airplane**

**Dual INST. = Instrument Flight Instruction in an Airplane**

**Dual AATD = Instrument Instruction in an Advanced Aviation Training Device**

**Pre/Post = Pre & Post Flight Instruction**

**GI= Ground Instruction**

**Upon Completion of stage III lesson 3 the student will have made three solo takeoffs & landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport with an operating control tower.**

**Upon Completion of stage III lesson 4 the student will have made 10-night takeoffs & landings to a full stop (with each landing involving a flight in the traffic pattern) at an airport.**

# **UNIVERSITY OF OKLAHOMA**

## **STAGE V**

### **STAGE OBJECTIVE**

The objective of this stage is to broaden the student's knowledge of VFR cross-country during day and night operations and provide the skills necessary to operate safely during extended cross-country flights. The student will also be introduced to a basic overview of IFR flight operations.

### **STAGE COMPLETION STANDARD**

At the completion of this stage of training, the student must be able to demonstrate the complete and accurate planning of VFR cross-country flights and the safe conduct of those flights using pilotage, dead reckoning, and radio navigation. Also, at the completion of this stage the student should have a basic understanding of IFR flight.

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

## STAGE V FLIGHT LESSON 1 DUAL - CROSS COUNTRY

### LESSON OBJECTIVE:

This lesson is a review and evaluation of the student's cross-country skills in preparation for solo cross-country flights. The flight will be of at least 3-hour duration, a total straight line distance of more than 100 n.m. from the original point of departure. The flight will be conducted during the day.

### CONTENT:

#### Lesson Introduction

- ☐ Cross-Country Ground Operations
  - ☐ Cross-Country Flight Planning
  - ☐ Obtaining Weather Information
  - ☐ Cockpit Management
- ☐ Radio Communications and ATC Light Signals
- ☐ Navigation
  - ☐ VOR (IR)
  - ☐ GPS (IR)
  - ☐ Pilotage
  - ☐ Dead Reckoning
- ☐ Cruise Procedures
- ☐ Lost and Diversion Procedures
- ☐ Power Settings and Mixture Leaning
- ☐ Simulated Emergency Procedures
  - ☐ System and Equipment Malfunctions
  - ☐ Low Fuel Supply
  - ☐ Lost Procedures

- ☐ Turbulence
- ☐ Adverse Weather
- ☐ Airframe and Powerplant Icing
- ☐ Planning to Alternate
- ☐ Emergency Descent
- ☐ Emergency Approach and Landing
- ☐ Unfamiliar Airports
  - ☐ Traffic Patterns
  - ☐ UNICOM-Equipped Field
  - ☐ Tower-Controlled Field
  - ☐ Operations in Heavy Traffic
  - ☐ CTAF Procedures
  - ☐ Airport and Runway Marking and Lighting
  - ☐ Full Panel Instrument
  - ☐ Straight and Level
  - ☐ Climbs
  - ☐ Descents
  - ☐ Standard-Rate Turns
  - ☐ Use of Radar Vectors
- ☐ High Density Altitude Operations
- ☐ Radio Facility Shutdowns

### COMPLETION STANDARDS:

This lesson is complete when the student performs the tasks above to the standards listed in the Commercial Pilot Airman Certification Standards and the Private Pilot Airman Certification Standards for the instrument tasks while making a cross country flight to and back from an airport more than 100 n.m from the point of departure. The flight will be made during the day.

### INSTRUCTOR NOTES:

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

## STAGE V FLIGHT LESSON 2 DUAL - CROSS COUNTRY - NIGHT

### LESSON OBJECTIVE:

During this lesson, the student will learn night cross-country procedures, including preflight planning, navigation, emergencies, and the use of unfamiliar airports. The flight will be of at least 3-hour duration, a total straight-line distance of more than 100 n.m. from the original point of departure, and occurring at night.

### CONTENT:

#### Lesson Review

- ☐ Aeromedical Factors
- ☐ Simulated Emergency Procedures
  - ☐ System and Equipment Malfunctions
  - ☐ Emergency Descent
  - ☐ Adverse Weather
  - ☐ Turbulence
  - ☐ Lost Procedures
  - ☐ Low Fuel Supply
  - ☐ Airframe and Powerplant Icing
- ☐ Airport and Runway Markings and Lighting
- ☐ Normal Takeoffs and Landings
- ☐ Full Panel Instrument
  - ☐ Straight and Level
  - ☐ Climbs
  - ☐ Descents
  - ☐ Standard-Rate Turns
- ☐ Go-Around From Rejected (Balked) Landing

### Lesson Introduction

- ☐ Night Cross-Country Ground Operations
  - ☐ Cross-Country Flight Planning
  - ☐ Obtaining Weather Information
  - ☐ Cockpit Management
- ☐ Night Cross-Country Procedures
- ☐ Lost and Diversion Procedures
- ☐ Night Navigation
  - ☐ VOR (IR)
  - ☐ GPS (IR)
  - ☐ Pilotage
  - ☐ Dead Reckoning
- ☐ Unfamiliar Airports

### COMPLETION STANDARDS:

This lesson is complete when the student performs the tasks above to the standards listed in the Commercial Pilot Airman Certification Standards and the Private Pilot Airman Certification Standards for the instrument tasks while making a cross country flight to and back from an airport more than 100 n.m. from the point of departure. The flight will be made at night.

### INSTRUCTOR NOTES:

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