

UNIVERSITY OF OKLAHOMA CERTIFIED FLIGHT INSTRUCTOR (4602)
FLIGHT TRAINING SYLLABUS 2026-AUG-17

PREREQUISITES FOR ENROLLMENT IN GROUND TRAINING: There are no prerequisites for enrollment in the ground training part of this course.

PREREQUISITES FOR ENROLLMENT IN THE THE CERTIFIED FLIGHT INSTRUCTOR PILOT COURSE: You must hold a commercial pilot certificate with at least airplane single engine land and Instrument airplane ratings & hold a medical certificate valid with at least third-class privileges.

COURSE OBJECTIVE: You will obtain the knowledge, skill, and aeronautical experience necessary to meet the requirements of 14 CFR, Section 141, Appendix F for award of an initial flight instructor certificate with airplane single engine rating.

COURSE POLICY: At the discretion of the instructor, learners who progress rapidly within a specific stage, may within reasonable variances, continue to the next lesson with less time than is specified in the specific lesson curriculum, provided all content and completion standards are satisfactorily completed. The time stated in the lesson is the approximate minimum time that a learner 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 and/or flight time specified by category in the syllabus to satisfactorily complete the course.

At no time will a learner 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. If a learner is unable to attend a ground lesson the instructor and learner will coordinate a time to accomplish that lesson. The makeup lesson will be conducted in any of the approved "Rooms Used for Ground Training" at a time when the room is not otherwise scheduled for a class.

Flight training for this course will be done in accordance with the FAA approved syllabus. Deviations from the syllabus due to learner training requirements, weather related factors, or other items as necessary will be allowed as long as:

- 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 learner must meet all course objectives and completion standards.

EXPECTED ACCOMPLISHMENTS & STANDARDS: To satisfactorily complete ground training you must complete each ground training lesson. To satisfactorily complete the flight training you must complete each flight lesson. Prior to completion of flight training, you must pass the FAA Fundamentals of Instruction and Flight Instructor Airplane Knowledge Tests (minimum passing scores 70%). Each lesson lists specific objectives and standards of completion.

CHECKS & TESTS: Ground Training Stage I contains two take home quizzes and a comprehensive end of stage oral exam covering Fundamentals of Instruction. Ground Training Stage II contains four take home quizzes and a comprehensive end of stage exam. The flight training stage contains an intermediate stage check and an end of course stage check which will be equal to in scope, depth and difficulty to the practical test defined by the Flight Instructor for Airplane Category Airman Certification Standards (CFI ACS) for award of an Initial Flight Instructor Certificate with Airplane Single Engine Rating. This test will be administered by the Chief, Assistant Chief Flight Instructor or Check Instructor approved by the FSDO. Specific content and completion standards are listed on the test lesson plans.

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 Certified Flight Instructor ACS to determine the standards to which you must accomplish the maneuver to earn your Certified Flight Instructor Certificate.

GROUND LESSON TIME ALLOCATION TABLE							
Lesson	Assignments	GI	EXAM	Lesson	Assignments	GI	EXAM
STAGE I				STAGE II (cont'd.)			
1	GROUND LESSON 1	1.3		14	GROUND LESSON 14	1.3	
2	GROUND LESSON 2	1.3		15	GROUND LESSON 15	1.3	
3	GROUND LESSON 3	1.3		16	GROUND LESSON 16	1.3	
4	GROUND LESSON 4	Written Homework		17	GROUND LESSON 17	1.3	
5	GROUND LESSON 5	1.3		18	GROUND LESSON 18	Written Homework	
6	GROUND LESSON 6	1.3		19	GROUND LESSON 19	1.3	
7	GROUND LESSON 7	1.3		20	GROUND LESSON 20	1.3	
8	GROUND LESSON 8	Written Homework		21	GROUND LESSON 21	1.3	
9	FOI Oral Stage Check		1.3	22	GROUND LESSON 22	1.3	
STAGE I TOTALS		GI	EXAM	23	GROUND LESSON 23	1.3	
		7.8	1.3	24	GROUND LESSON 24	1.3	
STAGE II				25	GROUND LESSON 25	1.3	
1	GROUND LESSON 1	1.3		26	GROUND LESSON 26	1.3	
2	GROUND LESSON 2	1.3		27	GROUND LESSON 27	1.3	
3	GROUND LESSON 3	1.3		28	GROUND LESSON 28	Written Homework	
4	GROUND LESSON 4	Written Homework		29	GROUND LESSON 29	1.3	
5	GROUND LESSON 5	1.3		30	GROUND LESSON 30	1.3	
6	GROUND LESSON 6	1.3		31	Stage II Exam		1.3
7	GROUND LESSON 7	1.3		STAGE II TOTALS		GI	EXAM
8	GROUND LESSON 8	1.3				33.8	1.3
9	GROUND LESSON 9	1.3					
10	GROUND LESSON 10	Written Homework		STAGE I & II TOTALS COMBINED		GI	EXAM
11	GROUND LESSON 11	1.3					
12	GROUND LESSON 12	1.3					
13	GROUND LESSON 13	1.3				41.6	2.6

***The individual lesson times on these tables are for instructor/learner guidance only, they are not mandatory for a given lesson. However, the total ground instruction will be attained at the end of the course**

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STAGE I

STAGE OBJECTIVE

During this stage, the learner will develop an understanding of the fundamentals of instruction. The learner will understand the effects of human behavior and communication on the learning process, course development, lesson plans, classroom training techniques, student evaluation assessment and testing, elements of effective teaching in a professional environment, and elements of effective teaching that include risk management and accident prevention.

Homework- The learner will prepare an outline covering the material in each lesson and be prepared to teach the material to be covered in each lesson. For large seminar classes it will not be possible for each learner to make a presentation during each class. At the beginning of each lesson the learner will turn in his/her outline. The quality of the outline will be reflected in the overall grade for that lesson.

STAGE COMPLETION STANDARD

The learner has demonstrated through oral and written tests that the prerequisites specified in FAR Part 61.185 (a) and (b) have been met. The learner will demonstrate the knowledge and skill necessary to pass the FAA Fundamentals of Instructing knowledge test, and to pass an oral exam over Area of Operation I from the Flight Instructor for Airplane Category ACS.

Dual	Solo	Dual Night	Dual XC	Solo XC	Dual Inst.	Night LD.	AATD	Pre Post	GI
									1.3

STAGE I GROUND LESSON 5 GROUND LESSON

REFERENCES: FAA-H-8083-2, FAA-H-8083-9

LESSON OBJECTIVE:

The learner will be introduced to the teaching process, teaching methods and the principles of lesson plan and syllabus development, learner evaluation, assessment, and testing.

CONTENT:

- ☐ Teaching, including:
 - ☐ Process
 - ☐ Essential skills
- ☐ Instructor's Code of Ethics
- ☐ Course of training.
- ☐ Preparation of a lesson, including:
- ☐ Training objectives and completion standards
 - ☐ Performance-based objectives
 - ☐ Importance of Airman Certification Standards (ACS) in aviation training curricula
 - ☐ Decision-based objectives
 - ☐ Organization of material.
- ☐ Training delivery methods, including:
 - ☐ Lecture
 - ☐ Discussion
 - ☐ Guided discussion
 - ☐ Cooperative or group learning
 - ☐ Demonstration-performance
 - ☐ Drill and practice
- ☐ Electronic learning (e-Learning).
 - ☐ Instructional aids and training technologies, including:

- ☐ Characteristics of effective instructional aids
- ☐ Reasons for use
- ☐ Guidelines for use
- ☐ Types
- ☐ Integrated flight instruction.
- ☐ Problem-based instruction.
- ☐ Planning instructional activity, including:
 - ☐ Blocks of learning
 - ☐ Training syllabus
 - ☐ Lesson plans
- ☐ Application of the Lesson
- ☐ Assessment of the Lesson
- ☐ Course of Training
- ☐ Blocks of Learning
- ☐ Training Syllabus
- ☐ Lesson Plans

COMPLETION STANDARDS:

Through guided discussion the learner will develop an understanding of the teaching process, applying that knowledge, managing associated risks, demonstrating appropriate skills, and providing effective instruction. The evaluation of the learner can take the form of an oral or written quiz or demonstration.

STUDENT NOTES:

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STAGE II

STAGE OBJECTIVE

During this stage, the learner will gain instructional knowledge of all tasks listed in Areas of Operation II, III, and IV of the Flight Instructor for Airplane Category ACS.

Homework: The learner will prepare an outline covering the material in each lesson and be prepared to teach the material to be covered in each lesson. For large seminar classes it will not be possible for each learner to make a presentation during each class. At the beginning of each lesson the learner will turn in their outline. The quality of the outline will be reflected in the overall grade for that lesson.

STAGE COMPLETION STANDARD

This stage is complete when the learner has taken the Stage II written exam with a minimum passing score of 70%. The learner will demonstrate the knowledge and skill necessary to pass the FAA Flight Instructor Airplane written exam, and to pass an oral exam over Area of Operation II during the Flight Instructor End of Course Test.

FLIGHT LESSON TIME ALLOCATION TABLE										
Lesson	Dual	Solo	Dual Night	Solo Night	Dual XC	Solo XC	Dual INST.	TAA	Pre/Post	GI
STAGE I										
1	1.0								0.5	
2	1.0								0.5	
3	1.0								0.5	
4	1.0								0.5	
5	1.0								0.5	
6	1.0								0.5	
PGI A										1.2
7	1.0								0.5	
8	1.0								0.5	
9	1.0								0.5	
10	1.0								0.5	
PGI B										1.3
11	1.0		1.0				0.5		0.5	
12	1.0								0.5	
13	1.0								0.5	
14	1.0								0.5	
PGI C										1.3
15 STGCHK	1.0								0.5	0.5
Totals	15.0		1.0				0.5		7.5	4.3
STAGE II										
1	1.0								0.5	
2	2.0								0.5	
3	1.0								0.5	
PGI D										1.3
4	1.0								0.5	
5	1.0								0.5	
6	2.0								0.5	
7	1.0								0.5	
8 EOC ORAL										3.0
8 EOC FLIGHT	1.5								0.5	
Totals	10.5								4.0	4.3
GRAND TOTALS** (I & II)	25.5		1.0				0.5		11.5	8.6

STAGE I (FLIGHT)

STAGE OBJECTIVE

The objective of this stage is for the learner to begin developing the instructional skills and flight proficiency required for the Flight Instructor, Airplane - Single- Engine rating.

STAGE COMPLETION STANDARD

This stage of training will be complete when the learner has developed the skills necessary to complete the required maneuvers from the right seat to CFI ACS standards and satisfactorily completes the stage 1 exam.

STAGE II (FLIGHT)

STAGE OBJECTIVE

The objective of this stage is for the learner to gain the instructional skills and flight proficiency required for the Flight Instructor, Airplane - Single- Engine rating.

STAGE COMPLETION STANDARD

This stage of training will be complete when the learner has gained the instructional skills and flight proficiency required to act as a Flight Instructor, Airplane - Single-Engine. The learner will successfully complete the ground and flight end-of-course stage checks.

[illegible]**STAGE II PGI D GROUND-LESSON**

LESSON OBJECTIVE:

During ground lesson A through D, the learner will demonstrate to their flight instructor the instructional knowledge of Airman Certification Standards (ACS) Format and the subjects listed in area of operation II of the Flight Instructor for Airplane Category ACS (CFI ACS). The intent of these five hours is for the learner to demonstrate the ability to give effective instruction, not to receive instruction. These four lessons can be placed at any convenient point in the flight training syllabus. The learner should be given enough time to prepare to teach on the assigned subject areas. The lesson content is suggested. The flight instructor can re-arrange the content of lessons A through D as required to meet the learner's needs, but all subjects must be covered.

CONTENT:

- ☐ 14 CFR and Publications
- ☐ National Airspace System
- ☐ Navigation Systems and Radar Services
- ☐ Endorsements and Logbook Entries

COMPLETION STANDARDS:

The learner will demonstrate instructional knowledge of the subjects covered during the practice ground instruction session.

INSTRUCTOR NOTES:

[illegible]

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

STAGE II FLIGHT LESSON 8 EOC-STAGE-CHECK-ORAL

LESSON OBJECTIVE:

This lesson is a stage check conducted by the Chief/Assistant Chief Flight Instructor or Check Instructor approved by the FSDO and conducted in accordance with the evaluator's prepared plan of action. The learner must demonstrate flight instructor proficiency in strict accordance with the current CFI ACS. Note: Several areas of operation are highlighted to indicate mandatory tasks which must be evaluated, and other tasks selected at random. Random task selection is made during the evaluation.

Therefore, the learner must be prepared to demonstrate proficiency in all the listed tasks. The required minimum elements to be tested from each applicable Task include:

- ☐ any elements in which the applicant was shown to be deficient on the knowledge test, as applicable.
- ☐ at least one knowledge element.
- ☐ at least one risk management element; and
- ☐ all skill elements unless otherwise noted

CONTENT:

Ground Portion of the End of Course Stage Check: (this must be satisfactorily completed before progressing to the flight portion.)

- ☐ AOI: Fundamentals of Instructing (Task E, F, and At Least One Other Task)
 - ☐ Effects of Human Behavior and Communication on the Learning Process (Task A)
 - ☐ Learning Process (Task B)
 - ☐ Course Development, Lesson Plans, and Classroom Training Techniques (Task C)
 - ☐ Student Evaluation, Assessment, and Testing (Task D)
 - ☐ **Elements of Effective Teaching in a Professional Environment (Task E)**
 - ☐ **Elements of Effective Teaching that Include Risk Management and Accident Prevention (Task F)**

- ☐ AOII: Technical Subject Areas (Tasks C, D, K, and At Least One Other Task)

- ☐ Human Factors (Task A)
- ☐ Visual Scanning and Collision Avoidance (Task B)
- ☐ **Runway Incursion Avoidance (Task C)**
- ☐ **Principles of Flight (Task D)**
- ☐ Airplane Flight Controls and Operation of Systems (Task E)
- ☐ Performance and Limitations (Task F)
- ☐ National Airspace System (Task G)
- ☐ Navigation Systems and Radar Services (Task H)
- ☐ Navigation and Cross-Country Flight Planning (Task I)
- ☐ 14 CFR and Publications (Task J)
- ☐ **Endorsements and Logbook Entries (Task K)**
- ☐ Night Operations (Task M)
- ☐ Logbook Entry and Certificate Endorsements (Task M)
- ☐ High Altitude Operations - Supplemental Oxygen (Task N)
- ☐ High Altitude Operations – Pressurization (Task O)

- ☐ AOIII: Preflight Preparation (At Least One Task)

- ☐ Pilot Qualifications (Task A)
- ☐ Airworthiness Requirements (Task B)
- ☐ Weather Information (Task C)

- ☐ AOIV: Preflight Lesson on a Maneuver to Be Performed in Flight (At least One Maneuver from AO's VII through XIV)

- ☐ Maneuver Lesson (Task A)

COMPLETION STANDARDS:

The learner's knowledge of the subject areas, explanations, and demonstrations will meet the CFI ACS.

EXAMINER NOTES:

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

STAGE II FLIGHT LESSON 8 EOC-STAGE-CHECK-FLIGHT

LESSON OBJECTIVE:

This lesson is a stage check conducted by the Chief/Assistant Chief Flight Instructor or Check Instructor approved by the FSDO and conducted in accordance with the evaluator's prepared plan of action. The learner must demonstrate flight instructor proficiency in strict accordance with the current CFI ACS. Note: Several areas of operation are highlighted to indicate mandatory tasks which must be evaluated, and other tasks selected at random. Random task selection is made during the evaluation.

CONTENT:

Flight Portion of the End of Course Test

- ☐ AOV: Preflight Procedures (At Least One Task)
 - ☐ Preflight Assessment (Task A)
 - ☐ Flight Deck Management (Task B)
 - ☐ Engine Starting (Task C)
 - ☐ Taxiing, Airport Signs, and Lighting (Task D)
 - ☐ Before Takeoff Check (Task F)
- ☐ AOVII: Airport Operations (At Least One Task)
 - ☐ Communications, Light Signals, and Runway Lighting Systems (Task A)
 - ☐ Traffic Patterns (Task B)
- ☐ AOVII: Takeoffs, Landings and Go-Arounds (At Least Two Takeoff and Two Landing Tasks)
 - ☐ Normal Takeoff and Climb (Task A)
 - ☐ Normal Approach and Landing (Task B)
 - ☐ Soft-Field Takeoff and Climb (Task C)
 - ☐ Soft-Field Approach and Landing (Task D)
 - ☐ Short-Field Takeoff and Maximum Performance Climb (Task E)
 - ☐ Short-Field Approach and Landing (Task F)
 - ☐ Slip To a Landing (Task M)

- ☐ Go-Around/Rejected Landing (Task N)
- ☐ Power-Off 180 Degree Accuracy Approach and Landing (Task O)
- ☐ AOVIII: Fundamentals of Flight (At Least One Task)
 - ☐ Straight and Level Flight (Task A)
 - ☐ Level Turns (Task B)
 - ☐ Straight Climbs and Climbing Turns (Task C)
 - ☐ Straight Descents and Descending Turns (Task D)
- ☐ AOIX: Performance Maneuvers and Ground Reference Maneuvers (at least four Tasks including Task A or B, Task C or D, and Tasks E and F)
 - ☐ Steep Turns (Task A)
 - ☐ Steep Spirals (Task B)
 - ☐ Chandelles (Task C)
 - ☐ Lazy Eights (Task D)
 - ☐ **Ground Reference Maneuvers (Task E, at least one ground reference maneuver)**
 - ☐ **Eights on Pylons (Task F)**
- ☐ AOXI: Slow Flight Stalls and Spins (Must select at least Task A or B; Task C, D, or E; Task F, G, or H; and Task I.)
 - ☐ Maneuvering During Slow Flight (Task A)
 - ☐ Demonstration of Flight Characteristics at Various Configurations and Airspeeds (Task B)
 - ☐ Power-Off Stalls (Task C)
 - ☐ Power-On Stalls (Task D)
 - ☐ Accelerated Stalls (Task E)
 - ☐ Cross-Controlled Stall Demonstration (Task F)
 - ☐ Elevator Trim Stall Demonstration (Task G)
 - ☐ Secondary Stall Demonstration (Task H)
 - ☐ ***Spin Awareness and Spins (Task I)**

*(*Note: Logbook Endorsement attesting instructional competency acceptable.)*

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The learner will demonstrate proficiency in strict accordance with the current FAA Flight Instructor-Airplane Airman Certification Standards. The End of Course Stage Check must be at least equal in scope, depth, and difficulty to a practical test conducted under the FAA Flight Instructor-Airplane Airman Certification Standards.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.