SPORTY'S ACADEMY®

COMMERCIAL PILOT TRAINING COURSE OUTLINE

(FLIGHT TRAINING SYLLABUS)

Sporty's Academy, Inc. Clermont County/Sporty's Airport Batavia, OH 45103

> © 1998, 2024 by Sporty's Academy, Inc. All Rights Reserved

> > sportys.com

Commercial Pilot Certification Course

STU	DENT INFORMAT	TION
Name		
LAST	FIRST	MIDDLE
Address		
City		
Telephone	HOME	WORK
Email		
Pilot Cert	CERT#	DATE ISSUED
_ ~		2.1.12.1000.22
Phone	Relationship	
	LMENT INFORM	
Course Title		
Enrollment Date	Approved School	ol Cert #
Medical Certificate	DATE	
Previous School		
Training Credit	IGHT	GROUND
Approval of Training Credit	CHIEF INS	STRUCTOR
Remarks		
STAGE CHECK / KNOV		
Date Stage Ck Pilo		_
Date Stage Ck Pilo		
Date of Knowledge Test	Grade	
END	ORSEMENT REC	ORD
Pre-Multiengine Training U.S. Citizenshi	p Confirmation or TSA A	Alien Flight Training Requirements
Completed with Records Date	Type	Inst. Int
Complex Airplane		
Date A/C Type	Inst. Int	
High Performance Airplane		
Date A/C Type	Inst. Int	
	LETION INFORM	
Completion Transfer	r Termir	nated DATE
Records Certified Correct		DAIL
records certified coffeet	CHIEF INSTRUCTO	R
Remarks		

COURSE INTRODUCTION

SECTION:

REVISION:

Original 09-29-2023

PAGE:

DATE:

The approved course of training associated with this Training Course Outline includes Commercial Pilot Certification (Appendix D to Part 141). The training associated with this training course outline utilizes the building-block theory of learning, which recognizes that each item taught must be presented on the basis of previously learned knowledge and skills.

Optimum effectiveness is realized when ground lessons and the viewing of the associated Sporty's learning management system (LMS) content are completed prior to the respective flight lessons. If a considerable length of time has elapsed between the ground lesson and the associated flight, the instructor may conduct a short review of essential material.

INFORMATION FOR FLIGHT SCHOOLS AND FLIGHT INSTRUCTORS USING THIS TRAINING COURSE OUTLINE (TCO)

Sporty's Commercial Pilot Training Course Outline integrates content from Sporty's online Commercial Pilot Course training content applicable to 14 CFR Part 141 Appendix D (3)(b) - Commercial Pilot Certification Course, Aeronautical Knowledge Training.

The video-based lessons in Sporty's Commercial Pilot Course cover all of the aeronautical knowledge areas in 14 CFR Part 141 Appendix D (3)(b) and can be used to satisfy up to 20 of the 35 required ground training hours. The applicable online training content is noted by "ADDITIONAL STUDY" at the end of the ground lesson where appropriate.

Sporty's Commercial Pilot Course provides electronic tracking of the student's time spent on each topic which is viewable by the flight instructor. The additional ground training portion may be presented to the student as a formal classroom program or individually by the instructor.

COURSE ELEMENTS

The courses utilize integrated flight and ground segments. They include the latest FAA pilot certification requirements and a maximum of student-oriented instruction. The individual syllabus and support materials not only provide necessary information, but also guide the student through the training in a logical manner.

PREFLIGHT ORIENTATION

Prior to each dual lesson, an instructor must provide the student with an overview of the subject matter to be covered during the lesson. The instructor should select a quiet, private place to brief the student and explain the lesson material. It is important that the instructor define unfamiliar terms and explain the maneuvers and objectives of each lesson.

LESSON REVIEW

When a lesson plan contains review tasks and maneuvers, the flight should begin with a review of at least several previously learned maneuvers and tasks before new maneuvers and tasks are introduced. The instructor must be confident that the student is capable of performing review tasks and maneuvers to the standards of the lesson.

USE OF AN AVIATION TRAINING DEVICE OR A FLIGHT TRAINING DEVICE

The course allows, as an option, the use of an approved basic or advanced aviation training device (BATD/AATD) for those lessons designated in the Course Time Allocation Table under the ATD/FTD heading and other lessons based on the discretion of a Chief Instructor or a member of management to the extent allowed by 141 regulations and the manufacturer's letter of authorization (LOA) from the FAA. Not all devices are approved for all syllabi. The best results are obtained when a BATD/AATD introduction is accomplished just prior to the flight lesson.

SECTION:

REVISION:

2

Original 09-29-2023

PAGE:

DATE:

An approved flight training device (FTD) may be substituted for the ATD lessons.

POSTFLIGHT EVALUATION

The postflight evaluation is equally as important as the preflight orientation. During each postflight session, the student must be thoroughly debriefed. Noticeable advancement should be apparent and recommendations should be made for improvement, where appropriate. This action is a valuable instructional technique because it increases retention and helps to prepare the student for the next lesson.

The instructor must bear in mind that all of the times listed on the Course Time Allocation Table are recommended. The time designated for each lesson reflects the time spent with the well-prepared student. If necessary, additional time may be allotted.

STUDENT STAGE CHECKS AND END-OF-COURSE TESTS

Stage checks and end-of-course tests measure the student's accomplishments during each stage of training. The conduct of each stage check and the end-of-course test is the responsibility of a Chief Instructor. The authority to conduct these checks and tests may be delegated by a Chief Instructor to an Assistant Chief Instructor or Designated Check Instructor. This procedure provides close supervision of training and another opinion on the student's progress. The stage checks and end-of-course tests also give a Chief Instructor an opportunity to check the effectiveness of the instructors and their teaching methods.

An examination of the building-block theory of learning will show that it is extremely important for progress and proficiency to be satisfactory before the student enters a new stage of training. Therefore, the next stage should not begin until the student successfully completes the current stage. Failure to follow this progression may defeat the purpose of the stage check and lead to overall course breakdown. A Chief Instructor may approve flight operations in the subsequent stage, provided that this approval is documented and for a specific reason. Valid reasons might include aircraft maintenance that is preventing progress in the current stage or a client medical issue that temporarily prevents solo flight operations in the current stage. Operations in the subsequent stage should be limited.

COURSE IMPLEMENTATION

In an effort to maximize training time the syllabus lessons are divided into three general categories (where appropriate): Dual, Solo, and PIC.

- Dual Lessons during which the instructor introduces new maneuvers or tasks.
- Solo Lessons that require the student to be the sole occupant of the airplane.
- PIC Lessons that the student may take a passenger or another certificated pilot as a crewmember.

The lesson sequence and content have been designed to provide the student with maximum training prior to the introduction of new maneuvers or procedures.

If absolutely necessary, the placement of lesson assignments in the coordinated program may be changed by allowing the student to progress more rapidly. If this method is used, the student should not be allowed to progress into the next stage until the completion of all flight lessons in the current stage of training. The only exception to this is that ground lessons may be accomplished prior to the completion of the previous stage or when approved as previously defined.

SECTION: PAGE: 3 **REVISION:** Original 09-29-2023 DATE:

If deviation from the normal lesson progression is desired, the instructor can approve the change of sequence of Solo and PIC lessons. Only a Chief Instructor may grant approval for the change of seguence of Dual and Ground lessons (except as previously specified that ground lessons may be completed earlier). Flight lessons should not be conducted prior to the appropriately sequenced ground lessons. For example, if lesson #10 is a ground lesson, then lessons #11, 12, 13, etc., should not take place until lesson #10 has been satisfactorily completed.

The lessons may also be grouped in accordance with geographical locations for the training. Lessons may be labeled in the following manner:

Local The lesson is designated to take place within the designated practice area or within 25

nautical mile radius of the departure airport.

Non-Local The lesson is designed to take place within 50 nautical miles of the departure airport. The

lesson will require the use of at least one form of navigation and should provide a landing

at an airport other than the departure point.

Cross-Country The lesson is designed to provide a landing at an airport greater than 50 nautical miles

from the departure point.

If the student is completing the ground training and flight training courses concurrently, the flight instructor must ensure that the student's flight training does not progress faster than the ground training.

GRADING INSTRUCTIONAL LESSONS

Evaluation is an essential part of the teaching process. The student must be apprised of his or her progress. All instructional flights must be graded in accordance with the following criteria.

Each pilot operation or task will be evaluated at the completion of each instructional lesson.

1 = EXCELLENT	The student demonstrates knowledge or skills with no procedural or mechanical errors and the flight instructor does not provide any assistance
2 = ABOVE	The student demonstrates knowledge or skills that exceed standards. Occasional

AVERAGE procedural or mechanical errors are quickly recognized and corrected.

3 = AVERAGEThe student consistently demonstrates knowledge and skills that meet standards

with timely recognition of procedural or mechanical errors.

4 = BELOWThe student demonstrates knowledge and skills with difficulty, is slow in **AVERAGE** recognizing and correcting procedural or mechanical errors.

5 = BELOWThe student does not demonstrate adequate knowledge or skills, is unable to

ACCEPTABLE recognize and correct procedural or mechanical errors. STANDARDS

I = INCOMPLETE The student has not completed the pilot operation listed.

Each instructional lesson will be assigned an overall grade based on the following criteria.

S = SATIS- FACTORY	The content of the lesson has been completed to the standards outlined in the individual lesson Completion Standards.
U = UNSATIS- FACTORY	Indicates that all or part of the lesson content was not completed to the standards outlined in the individual lesson Completion Standards. One or more pilot operations graded as a "5" will require an overall grade of unsatisfactory.

I = INCOMPLETE Indicates the content of the lesson was not completed, but the pilot

operations covered were satisfactory. Pilot operations not completed must

be indicated with an "I".

SECTION: PAGE: **COMMERCIAL PILOT CERTIFICATION COURSE - 1 REVISION:** Original 09-29-2023 DATE:

4

RECORDING SOLO/PIC LESSONS

The student will indicate each pilot operation performed on the solo/PIC lesson sheet with a check mark or other defining mark to show completion. Any pilot operation performed that is not listed must be noted in the remarks section or other designated field. Cross-country routes shall also be recorded in the remarks section or other designated field.

The overall solo/PIC lesson will be assigned a "grade" based on the following criteria.

SP = STUDENT All completed solo lessons should be graded as Student Practice.

PRACTICE

I = INCOMPLETE The student did not complete all the pilot operations listed on the lesson

sheet.

GRADING NOTES

When a lesson is graded unsatisfactory, only those pilot operations graded as "5" must be repeated to 1. standards during the next lesson.

- 2. When a lesson is graded incomplete, the pilot operations not performed must be completed prior to attempting the pilot operations for the next lesson.
- 3. When a paper TCO is being utilized, use the "TOTAL IN COURSE: (D/S/G)" lines within the grading box to total the student's dual, solo, and ground instruction times in the course after each lesson.

 SECTION:
 VI-E

 PAGE:
 1

 REVISION:
 9

 DATE:
 11-24-2023

COMMERCIAL SYLLABUS - LIST OF EFFECTIVE PAGES

	COMME	ICIAL SYLLAD
PAGE	REVISION #	DATE
	SECTION VI-	-E
1	9	11-24-2023
2	9	11-24-2023
3	9	11-24-2023
4	9	11-24-2023
5	9	11-24-2023
6	9	11-24-2023
7	9	11-24-2023
8	9	11-24-2023
9	9	11-24-2023
10	9	11-24-2023
11	9	11-24-2023
	 	
12	9	11-24-2023
13	9	11-24-2023
14	9	11-24-2023
15	9	11-24-2023
16	9	11-24-2023
17	9	11-24-2023
18	9	11-24-2023
19	9	11-24-2023
20	9	11-24-2023
21	9	11-24-2023
22	9	11-24-2023
23	9	11-24-2023
24	9	11-24-2023
25	9	11-24-2023
26	9	11-24-2023
27	9	11-24-2023
		
28	9	11-24-2023
29	9	11-24-2023
30	9	11-24-2023
31	9	11-24-2023
32	9	11-24-2023
33	9	11-24-2023
34	9	11-24-2023
35	9	11-24-2023
36	9	11-24-2023
37	9	11-24-2023
38	9	11-24-2023
39	9	11-24-2023
40	9	11-24-2023
41	9	11-24-2023
42	9	11-24-2023
43	 	11-24-2023
43	9	
	9	11-24-2023
45	9	11-24-2023
46	9	11-24-2023
47	9	11-24-2023
48	9	11-24-2023
49	9	11-24-2023
50	9	11-24-2023

PAGE	REVISION #	DATE
	CTION VI-E CON	
51	9	11-24-2023
52	9	11-24-2023
53	9	11-24-2023
54	9	11-24-2023
55	9	11-24-2023
56	9	11-24-2023
57	9	11-24-2023
58	9	11-24-2023
59	9	11-24-2023
60	9	11-24-2023
61	9	11-24-2023
62	9	11-24-2023
63	9	11-24-2023
64 65	9 9	11-24-2023 11-24-2023
66	9	11-24-2023
	 	
67	9	11-24-2023
68	9	11-24-2023
69	9	11-24-2023
70	9	11-24-2023
71	9	11-24-2023
72	9	11-24-2023
73	9	11-24-2023
74	9	11-24-2023
75	9	11-24-2023
76	9	11-24-2023
77	9	11-24-2023
78	9	11-24-2023
79	9	11-24-2023
80	9	11-24-2023
81	9	11-24-2023
82	9	11-24-2023
83	9	11-24-2023
84	9	11-24-2023
85	9	11-24-2023
86	9	11-24-2023
87	9	11-24-2023
88	9	11-24-2023
89	9	11-24-2023
90	9	11-24-2023
91	9	11-24-2023
92	9	11-24-2023
93	9	11-24-2023
94	9	11-24-2023
95	9	11-24-2023
96	9	11-24-2023

REVISIONS APPROVED BY

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

2

COURSE OVERVIEW

COURSE OBJECTIVE

The student will obtain the additional knowledge, skill, and aeronautical experience necessary to meet the requirements for a Commercial Pilot Certificate in an Airplane Single-Engine Land.

COURSE COMPLETION STANDARDS

The student will demonstrate through written, computerized, oral, and flight tests, and show through appropriate records, that the knowledge, skill, and experience requirements necessary to obtain a Commercial Pilot Certification with an Airplane Single-Engine Land rating are met.

TRAINING SYLLABUS

The training syllabus meets all curriculum requirements as prescribed by 14 CFR Part 141, Appendix D. It is composed of integrated ground and flight lessons to allow greater flexibility and to accommodate individual needs. The ground lessons may be taught either separately or concurrently with the flight lessons.

TRAINING COURSE

The Training Course contains four (4) stages. Each stage is designed to be completed in no more than sixty (60) days.

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

3

STUDENT INFORMATION

COURSE ENROLLMENT

To enroll in this course, you must be at least 17 years of age and able to read, speak, write, and understand the English language. To be enrolled in the flight portion of this course, you must hold at least a Private Pilot Certificate with an Instrument Rating for airplanes or be concurrently enrolled in an instrument rating course that is appropriate to the aircraft category rating for which the course applies, and pass the required Instrument Rating Practical test prior to completing the Commercial Pilot Certification Course - 1.

REQUIREMENTS FOR GRADUATION

You must satisfactorily complete the training outlined in this syllabus.

To obtain a Commercial Pilot Certificate, you must hold at least a Private Pilot Certificate or meet the requirement of 14 CFR § 61.73. You must be at least 18 years of age and be able to read, speak, write, and understand the English language. In order to graduate from this course you must meet the flight and ground training time requirements specified in 14 CFR Part 141, Appendix D.

LESSON DESCRIPTION AND STAGES OF TRAINING

Each lesson is fully described within the syllabus, including the objectives, standards, and measurable units of accomplishment and learning. The stage objectives and standards are described at the beginning of each stage within the syllabus.

TESTS AND CHECKS

The syllabus incorporates stage checks and end-of-course tests in accordance with 14 CFR Part 141. The conduct of each stage check and end-of-course test is the responsibility of a Chief Instructor. The authority to conduct these checks and tests may be delegated to an Assistant Chief Instructor or Designated Check Instructor as appropriate.

SECTION: VI-E PAGE: 4 REVISION: 9 DATE: 11-24-2023

COMMERCIAL PILOT CERTIFICATION COURSE - 1 FLIGHT TRAINING SYLLABUS

COURSE OBJECTIVES

The student will obtain the aeronautical skill and experience necessary to meet the requirements for a Commercial Pilot Certificate with an Airplane Single-Engine Land rating (ASEL).

COURSE COMPLETION STANDARDS

The student must demonstrate through flight tests and school records that the aeronautical knowledge, skill, and experience requirements necessary to obtain a Commercial Pilot Certificate (ASEL) are accomplished.

COURSE TIME ALLOCATION TABLE

SECTION:

REVISION: DATE:

PAGE:

VI-E

11-24-2023

5

COURSE TIME ALLOCATION TABLE											
						FLIGHT	ГІМЕ				
STAGE NO.	LESSON NO.	DUAL	SOLO	PIC	FTD/	INSTRUMENT	X-COUNTRY	NIGHT	COMPLEX	BRIEFING /	A/C TYPE
					AATD				or TAA	LMS	
I	1									1.5	
I	2	3.5				1.0	3.5			0.5	Fixed Gear
I	3	3.5				1.0	3.5	3.5		0.5	Fixed Gear
I	4		2.0				2.0	2.0			Fixed Gear
I	5			2.2			2.2				Fixed Gear
I	6			4.0			4.0				Fixed Gear
I	7		1.3					1.3			Fixed Gear
I	8			4.0			4.0				Fixed Gear
I	9		1.3					1.3			Fixed Gear
I	10		7.0				7.0				Fixed Gear
I	11		1.3					1.3			Fixed Gear
I	12	1.5								0.5	Fixed Gear
I	13	2.0								1.0	Fixed Gear
I	Totals	10.5	12.9	10.2		2.0	26.2	9.4		4.0	
II	14									1.2	
II	15	1.3				0.3				0.3	Fixed Gear
II	16			1.3							Fixed Gear
II	17									2.0	
II	18	4.0				2.5	4.0			0.3	Fixed Gear
II	19									1.5	
II	20	<u> </u>			1.6					0.3	AATD, G1000
II	21			1.3							Fixed Gear
II	22	<u> </u>			1.6	1.4				0.3	AATD, G1000
II	23	<u> </u>		7.0			7.0				Fixed Gear
II	24	<u> </u>			1.6	1.4				0.3	AATD, G1000
II	25		ļ	6.0			6.0		1		Fixed Gear
II	26	4.0	ļ			2.5	4.0		ļ	0.3	Fixed Gear
II	27			3.0			3.0				Fixed Gear
II	28				2.0	1.8				0.3	AATD, G1000
II	29			3.0			3.0				Fixed Gear
II	30									1.5	
II	31			4.0			4.0				Fixed Gear
II	32	1.5				0.3				0.5	Fixed Gear
II	Totals	10.8		25.6	6.8	10.2	31.0			8.8	
III	33								ļ	2.5	
III	34				1.5					0.5	AATD, CX/TAA
III	35	1			1.3				1.2	0.3	AATD, CX/TAA
III	36	1.5				0.3			1.5	0.5	CX/TAA ASEL
III	37	1.5				0.3			1.5	0.3	CX/TAA ASEL
III-A	38-A	1.8				0.2			1.8	0.3	CX/TAA ASEL
III-A	39-A	1.3				0.3			1	0.7	High Perf
III-A	40-A	1.3	-		1.2	0.3			1	0.3	High Perf
III-A	41-A	2.0			1.3	1.4			2.0	0.3	AATD, CX/TAA
III-A	42-A	2.0				0.3			2.0	0.3	CX/TAA ASEL CX/TAA ASEL
III-A III-B	43-A 38-B-G	1./	-			0.3		-	1.7	0.3	CX/TAA ASEL
		1.6	-			0.2		-	1.6	1.5	CVAMEL
III-B III-B	38-B 39-B-G	1.6	-			0.3		-	1.6	0.3 1.5	CX AMEL
	39-B-G 39-B	1.6	 			0.2			1.6		CX AMEL
III-B III-B	39-В 40-В-G	1.6	 	<u> </u>		0.3			1.6	0.3 1.5	CA AMEL
III-B	40-B-G	<u> </u>	 	 	2.0				1	0.3	AATD, AMEL
III-B	41-B	1.6	 	 	۷.0	0.8			1.6	0.3	CX AMEL
III-B	42-B	1.6	 			0.8			1.6	0.3	CX AMEL
III-B	43-B-G	1.0	 			0.0			1.0	1.5	CILITIEL
III-B	43-B	1.6	 			0.5			1.6	0.3	CX AMEL
III-B	44-A	1.5	 			0.3			1.5	1.5	CX/TAA ASEL
III-B	44-B	1.6				0.5			1.6	1.5	CX AMEL
III-B	Totals	12.6			4.1	3.2			10.0	7.8	C11 1 11 11 11 11 11 11 11 11 11 11 11 1
III-B	Totals	12.6	i –		4.8	3.8			12.6	13.4	
IV	45	1			5	2.0			12.0	2.0	
IV	46	1.3	i i						i	0.3	Fixed Gear
IV	47	1.3	<u> </u>						i	0.3	Fixed Gear
IV	48	1							İ	1.2	1 1.10 G G G G G G G G G G G G G G G G G G G
IV	49	1.3							i	0.3	Fixed Gear
IV	50	1.3	i –						İ	0.3	Fixed Gear
IV	51	1.5	i i	1.3					i		Fixed Gear
IV	52	i i		1					i	1.2	Jour
IV	53	1.5				0.3			i	0.3	Fixed Gear
IV	54	1.5				0.3			İ	0.3	Fixed Gear
IV	55	1.3	i –			0.3			İ	0.3	Fixed Gear
IV	56	1.3	i			0.3			İ	0.3	Fixed Gear
IV	57	1	i						İ	1.2	
IV	58	1.3	i						İ	0.3	Fixed Gear
IV	59	1	i	1.3					İ		Fixed Gear
IV	60	1.3	i	1					İ	0.3	Fixed Gear
IV	61	1.8	i			0.5	1.8		İ	0.5	Fixed Gear

SECTION: VI-E PAGE: 6 REVISION: 9 DATE: 11-24-2023

		FLIGHT TIME									
STAGE NO.	LESSON NO.	DUAL	SOLO	PIC	FTD/	INSTRUMENT	X-COUNTRY	NIGHT	COMPLEX	BRIEFING /	A/C TYPE
					AATD				or TAA	LMS	
IV	62									1.2	
IV	63			1.3							Fixed Gear
IV	64			1.3							Fixed Gear
IV	65	1.3								0.3	Fixed Gear
IV	66	1.5				0.3				0.3	Fixed Gear
IV	67	1.5								0.3	Fixed Gear
IV	68									2.0	
IV	69	1.8								1.5	Fixed Gear
IV	70	1.8								1.5	Fixed Gear
IV	Totals	23.1		5.2		2.0	1.8			16.2	
	E TOTALS-A		12.9	41.0		17.4	59.0	9.4	10	36.8	
	SE TOTALS-B			41.0	11.6	18.0	59.0	9.4	12.6	42.4	
_	T/FTD/AATD										
	OTAL (A / B)	121.6								GOL (B) EV	10
	OMPLETION							NIGHT	_	COMPLEX	10
MINI	MUMS	55	10			10 (5 ASEL)		SOLO		or TAA	
		33	10			10 (3 / IBEL)	_	L FLIGHT		GROUND	35
								ΓRAINING	Í		

Note: Times on this chart are recommended; more or less time may be required based on individual performance. However, the Course Completion Minimums are not recommendations and must be attained prior to graduation. This includes 120 hours minimum of total flight training (Dual, Solo, PIC, & approved AATD*/FTD combined) of which no more than 24 hours can be in an approved AATD*/FTD. Training time in a BATD, an unapproved AATD, or a PCATD cannot be counted toward the total flight training time required under Part 141. The 10 hours of instrument training time must be performed with a view limiting device and 5 hours must be in a single-engine airplane. Aircraft listed in the A/C Type column are recommendations, and the flight instructor can substitute appropriately equipped aircraft when necessary (as an example, an appropriate complex or technically advanced airplane can be substituted for a fixed gear airplane but a non-technically advanced fixed gear cannot be substituted when the lesson calls for a complex or technically advanced airplane--ASEL and AMEL indications should be honored where specified). Day and night dual cross-countries with a duration of more than 2 hours each traversing a straight-line distance greater than 100 nautical miles from the departure point must be completed. A solo cross-country with a landing at a minimum of 3 points and one leg having a straight-line distance greater than 250 nautical miles must be completed. Paths "A" & "B" in stage III are explained on the Objectives and Standards page for that stage. Refer to that page for any questions regarding the use of the two path options.

^{*}The FAA Letter of Authorization (LOA) for the Frasca RTD AATD allows its use for up to 20% (24 hours) of the total 120 hours required by 14 CFR 141, Appendix D.

 SECTION:
 VI-E

 PAGE:
 7

 REVISION:
 9

 DATE:
 11-24-2023

STAGE I

STAGE OBJECTIVE:

During this stage, the student will learn how to competently fly the aircraft on a VFR cross-country flight. The student will learn about more complex cross-country operations, night cross-country operations, and fundamentals of multi-pilot crew operations.

STAGE COMPLETION STANDARDS:

At the completion of this stage, the student should demonstrate the ability to accurately plan and accomplish cross-country flight to the standards of a commercial pilot. In addition, the student will demonstrate the ability to appropriately act as the Pilot in Command of the aircraft through the proper use of Crew Resource Management in a multi-pilot crew operation.

Note: Stage I may be completed prior to completing an Instrument Rating when concurrently enrolled in both courses.

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLABUS SECTION: VI-E PAGE.

COMMERCIAL PILOT CERTIFICATION	I COURSE - 1		REVISION: DATE:	9 11-24-2023
STAGE I LESSON 1 GROUND	STUDENT NAME	GRADE (Circle STUDENT SIGN INSTRUCTOR SIG	ATURE	
		DISCUSSION: (1.5)		
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)	/ /
The objective of this lesson is to foundation on the procedures re-				
CONTENT:				
Lesson Introduction		Lesson Introduction		
Netheral Alarma Oral		FP III D . I M.		

National Airspace System Flight Deck Management Federal Aviation Regulations **Emergency Operations** Aeronautical Charts & Publications for VFR Collision Avoidance Recognition of Critical Weather Situations Navigation Cross-Country Flight Planning Crew Resource Management **Route Selection** Aeronautical Decision Making & Judgment Procurement & Use of Aviation Weather Risk Management __ Task Management Reports & Forecasts Situational Awareness Planning for Alternatives Controlled Flight into Terrain Awareness Weight & Balance Computations Performance & Limitations ____ Automation Management __ Aircraft Performance Calculations ___ Radio Communications **Fuel Requirements** Pilot Flying **Navigation Log** Pilot Not Flying (Pilot Monitoring) VFR Flight Plan Challenge & Response Checklist Usage Pilotage __ Flow Checks _ Dead reckoning Sterile Cockpit PIC Brief **VOR Navigation** _ GPS Navigation **Departure Briefing** Lost Procedures Division of Responsibilities Diversion

COMPLETION STANDARDS:

The student shall accurately plan a VFR cross-country near the maximum range of the aircraft. Computations shall be based upon maximum allowable passenger, baggage, and/or cargo loads and will require maximum performance from the aircraft. In addition, the student should demonstrate a basic foundation of the necessary skills required to operate in a two pilot crew through oral guizzing and role playing.

ADDITIONAL STUDY:

FAA-H-8083-25-PHAK - Pilot's Handbook of Aeronautical Knowledge - Chapters 10-16 FAA-H-8083-28-AWH - Aviation Weather Handbook - Chapters 15, 18-22, & 24-28 Commercial Pilot Airman Certification Standards (ACS) Sporty's Commercial Pilot Course -

Video Vol 6: Segments 1-20

AIRPORT IDENT: _____ TOTAL IN COURSE: (D/S/G) ____

Lesson Introduction

SECTION:

REVISION:

PAGE:

VI-E

9

LESSON OBJECTIVE:

Lesson Introduction

During this lesson the student will be introduced to the expectations of a commercial pilot when performing a day cross-country flight. The student will expand upon a previous knowledge about cross-country flight. In addition, practical application of multi pilot crew scenarios shall be applied during the flight. A portion of the flight will be conducted using basic attitude instrument skills with a view limiting device (V.L.D.).

CONTENT:

2000011 III.II Oddolioii	2000011 1111 00001011				
Weather Information National Airspace System Performance & Limitations Cross-Country Flight Planning VFR Flight Plans Power Setting & Mixture Control Challenge & Response Checklist Usage Flow Checks PIC Brief Departure Briefing Division of Responsibilities Sterile Cockpit Basic Attitude Instrument Flight (with V.L.D.) Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Short-Field Approach & Landing Forward Slips to a Landing	Go-Around / Rejected Landing Departure & Course Interception Navigation Log Lost Procedures Aeronautical Charts & Publications for VFR Navigation Planning for Alternatives Diversion Radar Services Route Selection Pilotage Dead Reckoning VOR Navigation GPS Navigation Emergency Approach & Landing Systems & Equipment Malfunctions Flight Deck Management Communications & Light Signals Traffic Patterns				
·					

COMPLETION STANDARDS:

This lesson will be complete when the student has accurately planned and completed a **day cross-country to a destination** with a straight-line distance more than 100 nautical miles from the original departure point, with the flight at least 2-hours in duration. The flight should be planned to include a total of three legs, two of the legs the student should be the pilot flying and one leg the pilot not flying. The student should demonstrate the ability to perform takeoffs, landings, and go-arounds and also perform navigation skills to within 150% of the standards listed in the current FAA Commercial Pilot Airman Certification Standards. In addition the student should demonstrate to the instructor a basic comprehension of operations in a multi-pilot crew situation and during BAI operations.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Airplane Flying Handbook - Chapters 6 & 9 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28

Vol 2: Segments 5-6 Vol 6: Segments 1-20

SECTION:

REVISION:

PAGE:

VI-E

10

LESSON OBJECTIVE:

During this lesson, the student learns to perform navigation at night by performing a night cross-country flight. Emphasis is placed on the importance of proper planning and accurate navigation. In addition, practical application of multi pilot crew scenarios shall be applied during the flight. A portion of the flight will be conducted using basic attitude instrument skills with a view limiting device (V.L.D.).

CONTENT:

Lesson Review	Lesson Review
Weather Information National Airspace System Performance & Limitations Cross-Country Flight Planning Flight Deck Management Communications & Light Signals Traffic Patterns VFR Flight Plans Power Setting & Mixture Control Challenge & Response Checklist Usage Flow Checks PIC Brief Departure Briefing Division of Responsibilities Sterile Cockpit Basic Attitude Instrument Flight (with V.L.D.) Departure & Course Interception	Radar Services Route Selection Pilotage Dead Reckoning VOR Navigation GPS Navigation Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short-Field Approach & Landing Forward Slips to a Landing Go-Around / Rejected Landing
 Navigation Log Lost Procedures Aeronautical Charts & Publications for VFR Navigation Planning for Alternatives Diversion 	Lesson Introduction Physiological Aspects of Night Flying Lighting & Equipment for Night Flying Airport, Taxiway, & Runway Signs, Markings, & Lighting

COMPLETION STANDARDS:

This lesson will be complete when the student has accurately planned and completed a **night cross-country to** a destination with a straight-line distance more than 100 nautical miles from the original departure point, with the flight at least 2-hours in duration. The flight should be planned to include a total of three legs, two of the legs the student should be the pilot flying and one leg the pilot not flying. The student should demonstrate the ability to perform takeoffs, landings, and go-arounds and also perform navigation skills to the standards listed within the Commercial Pilot Airman Certification Standards. In addition the student should demonstrate to the instructor a comprehension of operations in a multi-pilot crew environment and during BAI flight.

Vol 2: Segments 5-6

Vol 6: Segments 21-22

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 11 FAA-H-8083-25-PHAK - Chapters 10-17 SPORTY'S ACADEMY

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	VI-E 11 9 11-24-2023
STAGE I LESSON 4 SOLO – CROSS-COUNTRY, NIGHT		_ ACFT/AATD ID STUDENT		e One) SP
	FLIGHT TIN	ME: (2.0) DISC	CUSSION: ()	
LESSON OBJECTIVE:	AIRPORT IDENT:	TOTAL IN COUI	RSE: (D/S/G)	
The student will practice and furnal airport with an operating control to and landings at this airport in ord	ower beyond 50 nautic	al miles. The student will		
Lesson Review		Lesson Review		
Weather Information National Airspace Syste Performance & Limitatio Cross-Country Flight Pl Flight Deck Manageme Radio Communications ATC Light Signals Traffic Patterns VFR Flight Plans Power Setting & Mixtur Tower Controlled Airpo Normal Takeoff & Climl Normal Approach & Lai Departure & Course Int Navigation Log	ons lanning ent e Control rt Operation o nding	Navigation Planning for A Diversion Radar Service Route Selection Pilotage Dead Reckoni VOR Navigation Altitude Selection Physiological	Charts & Publication Iternatives Iternatives Iternatives Iternatives Iternatives Iternatives Iternatives Iternatives Iternatives	ilying
COMPLETION STANDARDS:				
The student will demonstrate the navigate from the departure airpo airport. In addition, the student sa towered airport.	ort to an airport greater	than 50 nautical miles av	vay and return to th	ne departure
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapter 11 FAA-H-8083-25-PHAK - Chapter		FAA-H-8083-28-AWH - Vol 6: Review Segments	•	
Notes:				

			DATE:	11-24-2023
STAGE I LESSON 5 PIC - CROSS-COUNTRY	DATE	ACFT/AATD ID	GRADE (Cir	cle One) SP I
	STUDENT NAME _	STUDEN	IT SIGNATURE	
	FLIGHT TI	ME: (2.2) DIS	SCUSSION: ()	
	AIRPORT IDENT:	TOTAL IN CO	URSE: (D/S/G)	/ /

SECTION:

REVISION:

PAGE:

VI-E

12

The student will practice and further develop their cross-country flight procedures by flying to an airport outside of the local practice area. In addition the student may also increase their proficiency when operating in a multipilot crew environment.

CONTENT:

LESSON OBJECTIVE:

Lesson Review	Lesson Review
Weather Information National Airspace System Performance & Limitations Cross-Country Flight Planning Flight Deck Management Communications & Light Signals Traffic Patterns VFR Flight Plans Power Setting & Mixture Control Challenge & Response Checklist Usage Flow Checks PIC Brief Departure Briefing Division of Responsibilities Sterile Cockpit Tower Controlled Airport Operation Non-Tower Controlled Airport Operation Departure & Course Interception Navigation Log	Lost Procedures Aeronautical Charts & Publications for VFR Navigation Planning for Alternatives Diversion Radar Services Route Selection Pilotage Dead Reckoning VOR Navigation GPS Navigation Altitude Selection Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Takeoff & Climb Short-Field Takeoff & Climb Short-Field Approach & Landing

COMPLETION STANDARDS:

The student should demonstrate added proficiency in cross-country planning and selecting an appropriate route and cruising altitude for the flight. A landing at an airport greater than 50 nautical miles from the original departure point must be accomplished. In addition, if the student has another certificated pilot on the flight, the student shall have practiced techniques for operating in a multi-pilot crew environment.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 9 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28 Vol 2: Segments 5-6

Vol 2: Segments 5-6 Vol 6: Segments 1-20

Notes:			

			DATE:	11-24-2023
STAGE I LESSON 6 PIC - CROSS-COUNTRY	DATE	ACFT/AATD ID	GRADE (Circ	cle One) SP I
	STUDENT NAME _	STUDE	NT SIGNATURE	
	FLIGHT TI	ME: (4.0) D	ISCUSSION: ()	
LESSON OBJECTIVE:	AIRPORT IDENT: _	TOTAL IN CO	DURSE: (D/S/G)	/ /

SECTION:

REVISION:

PAGE:

VI-E

13

The student will practice and further develop their cross-country flight procedures by flying to an airport outside of the local practice area. In addition the student may also increase their proficiency when operating in a multipilot crew environment.

Lesson Daview

CONTENT:

Leesen Deview

Lesson neview	Lesson neview
Weather Information National Airspace System Performance & Limitations Cross-Country Flight Planning Flight Deck Management Radio Communications ATC Light Signals Traffic Patterns VFR Flight Plans Power Setting & Mixture Control Challenge & Response Checklist Usage Flow Checks PIC Brief Departure Briefing Division of Responsibilities Sterile Cockpit Tower Controlled Airport Operation Non-Tower Controlled Airport Operation Departure & Course Interception	Navigation Log Lost Procedures Aeronautical Charts & Publications for VFR Navigation Planning for Alternatives Diversion Radar Services Route Selection Pilotage Dead Reckoning VOR Navigation GPS Navigation Altitude Selection Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Short-Field Approach & Landing

COMPLETION STANDARDS:

The student should demonstrate added proficiency in cross-country planning and selecting an appropriate route and cruising altitude for the flight. A landing at an airport greater than 50 nautical miles from the original departure point must be accomplished. In addition, if the student has another certificated pilot on the flight, the student shall have practiced techniques for operating in a multi-pilot crew environment.

Notes:

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 9 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28 Vol 2: Segments 5-6 Vol 6: Segments 1-20

 SECTION:
 VI-E

 PAGE:
 14

 REVISION:
 9

 DATE:
 11-24-2023

COMMERCIAL PILOT CERTIFICATIO	N COURSE - 1		REVISION: DATE:	9 11-24-2023
STAGE I LESSON 7 SOLO - LOCAL, NIGHT	STUDENT NAME _	ACFT/AATD ID STUDEN ⁻ ME: (1.3) DISC	Γ SIGNATURE	
LESSON OBJECTIVE:				
During this flight, the student wil at tower controlled airports.	I practice the various a	ıspects of night flight and (gather experience ir	ı operations
CONTENT:				
Lesson Review		Lesson Review		
Flight Deck Managem Physiological Aspects Lighting & Equipment Radio Communication ATC Light Signals Traffic Patterns Normal Takeoff & Clim	of Night Flying for Night Flying s	Normal Appro Soft-Field Tal Soft-Field Ap Short-Field Tal Short-Field Tal Tower Contro	proach & Landing akeoff & Climb pproach & Landing	on
COMPLETION STANDARDS:				
The student shall have perform increase in proficiency and ability				d notice ar
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapter 1 FAA-H-8083-25-PHAK - Chapter Vol 2: Segments 5-6 Vol 6: Segments 21-22				
Notes:				
				_
				_

			DATE:	11-24-2023
STAGE I LESSON 8 PIC - CROSS-COUNTRY	DATE	ACFT/AATD ID	GRADE (Circ	cle One) SP I
	STUDENT NAME _	STUDEI	NT SIGNATURE	
	FLIGHT T	IME: (4.0) DI	SCUSSION: ()	
I ESSON OR IECTIVE:	AIRPORT IDENT:	TOTAL IN CO	OURSE: (D/S/G)	

SECTION:

REVISION:

PAGE:

VI-E

15

The student will practice and further develop their cross-country flight procedures by flying to an airport outside of the local practice area. In addition the student may also increase their proficiency when operating in a multipilot crew environment.

Lesson Daview

CONTENT:

Leesen Deview

Lesson neview	Lesson neview
Weather Information National Airspace System Performance & Limitations Cross-Country Flight Planning Flight Deck Management Radio Communications ATC Light Signals Traffic Patterns VFR Flight Plans Power Setting & Mixture Control Challenge & Response Checklist Usage Flow Checks PIC Brief Departure Briefing Division of Responsibilities Sterile Cockpit Tower Controlled Airport Operation Non-Tower Controlled Airport Operation Departure & Course Interception	Navigation Log Lost Procedures Aeronautical Charts & Publications for VFR Navigation Planning for Alternatives Diversion Radar Services Route Selection Pilotage Dead Reckoning VOR Navigation GPS Navigation Altitude Selection Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Short-Field Approach & Landing

COMPLETION STANDARDS:

The student should demonstrate added proficiency in cross-country planning and selecting an appropriate route and cruising altitude for the flight. A landing at an airport greater than 50 nautical miles from the original departure point must be accomplished. In addition, if the student has another certificated pilot on the flight, the student shall have practiced techniques for operating in a multi-pilot crew environment.

Notes:

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 9
FAA-H-8083-25-PHAK - Chapters 10-16
FAA-H-8083-28-AWH - Chapters 24-28
Vol 2: Segments 5-6
Vol 6: Segments 1-20

-		

 SECTION:
 VI-E

 PAGE:
 16

 REVISION:
 9

 DATE:
 11-24-2023

COMMERCIAL PILOT CERTIFICATION	COURSE - 1		DATE: 11-24-2023
STAGE I LESSON 9 SOLO - LOCAL, NIGHT	DATE	ACFT/AATD ID	GRADE (Circle One) SP
	STUDENT NAME	STUDEN	T SIGNATURE
	FLIGHT TI	ME: (1.3) DIS	CUSSION: ()
LESSON OBJECTIVE:		TOTAL IN COL	JRSE: (D/S/G) / /
During this flight, the student will at tower controlled airports.	practice the various a	spects of night flight and	gather experience in operations
CONTENT:			
Lesson Review		Lesson Review	
Flight Deck Manageme Radio Communications ATC Light Signals Traffic Patterns Normal Takeoff & Climb		Physiological	oach & Landing olled Airport Operation I Aspects of Night Flying quipment for Night Flying
COMPLETION STANDARDS:			
The student shall have performe increase in proficiency and abiliti			
ADDITIONAL STUDY:			
FAA-H-8083-3-AFH - Chapter 11 FAA-H-8083-25-PHAK - Chapter Vol 6: Segments 21-22			
Notes			
Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLABUS

PAGE: 17 **COMMERCIAL PILOT CERTIFICATION COURSE - 1 REVISION:** 11-24-2023 DATE: STAGE I LESSON 10 DATE_____ ACFT/AATD ID____ GRADE (Circle One) SP I **SOLO - CROSS-COUNTRY** STUDENT NAME ______ STUDENT SIGNATURE_ FLIGHT TIME: (7.0) _____ DISCUSSION: () _____ AIRPORT IDENT: _____ TOTAL IN COURSE: (D/S/G) ____/__/_ **LESSON OBJECTIVE:** The student will practice and further develop their cross-country flight procedures by flying to an airport outside of

SECTION:

VI-E

the local practice area. In addition the student will have the ability to practice flight planning and flight operations near the maximum capabilities of the aircraft.

CONTENT:

COMPLETION STANDARDS:

The student should demonstrate added proficiency in cross-country planning and selecting an appropriate route and cruising altitude for the flight. The flight must consist of landings at a minimum of three points, and one segment of the flight must be a straight-line distance of at least 250 nautical miles.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 9 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28	Vol 2: Segments 5-6 Vol 6: Segments 1-20
Notes:	

 SECTION:
 VI-E

 PAGE:
 18

 REVISION:
 9

 DATE:
 11-24-2023

COMMERCIAL PILOT CERTIFICATION	COURSE - 1		DATE: 11-24-2023
STAGE I LESSON 11 SOLO - LOCAL, NIGHT			GRADE (Circle One) SP I
	FLIGHT TIN	ME: (1.3) DISC	USSION: () RSE: (D/S/G)/_/
LESSON OBJECTIVE:		TOTAL IN OOOI	
During this flight, the student will at tower controlled airports in ord			
CONTENT:			
Lesson Review		Lesson Review	
Physiological Aspects of Lighting & Equipment for Flight Deck Manageme Radio Communications ATC Light Signals Traffic Patterns Normal Takeoff & Climb	or Night Flying nt	Normal Approa Soft-Field Take Soft-Field App Short-Field Ta Short-Field Ap Tower Control	eoff & Climb roach & Landing keoff & Climb proach & Landing
COMPLETION STANDARDS:			
The student shall have performe In order for this lesson to be caircraft, at least 5 hours in niginvolving a flight with a traffic also have at least 10 hours of the student shall be student.	ompleted, the studer ght VFR conditions v pattern) at an airpor	nt must have accomplish with 10 takeoffs and 10 l t with an operating cont	ned, as sole occupant of the landings (with each landing rol tower. The student must
ADDITIONAL STUDY:			
FAA-H-8083-3-AFH - Chapter 11 FAA-H-8083-25-PHAK - Chapter Vol 2: Segments 5-6 Vol 6: Segments 21-22			
Notes:			
l l			ı

Notes:

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLL COMMERCIAL PILOT CERTIFICATIO				SECTION: PAGE: REVISION: DATE:		VI-E 19 9 -2023
STAGE I LESSON 12 DUAL - NON-LOCAL				GRADE (Circl		
				NT SIGNATURE		
	INSTRUCTOR #		INSTRUC	TOR SIGNATURE_		
	FLIGHT TIN	ИЕ: (1.5) _	DIS	CUSSION: (0.5)		
LESSON OBJECTIVE:		-	TOTAL IN CO	URSE: (D/S/G)	_/	_/
The objective of this lesson is country flights, including diversit the procedures for operating in CONTENT:	on and lost procedure	s. In additic				
Lesson Review		Lesson	n Review			
Weather Information National Airspace Sys Performance & Limital Cross-Country Flight F Flight Deck Managem Radio Communication ATC Light Signals Traffic Patterns VFR Flight Plans Power Setting & Mixtu Challenge & Response Flow Checks PIC Brief Departure Briefing Division of Responsibil Sterile Cockpit Emergency Approach Systems & Equipment Emergency Equipment Departure & Course In	tions Planning ent es Tre Control e Checklist Usage Ilities & Landing t Malfunctions tt & Survival Gear		Lost Proced Aeronautica Navigation Planning for Diversion Radar Servi Route Select Pilotage Dead Recko VOR Naviga GPS Naviga Normal Take Normal App Soft-Field Ta Soft-Field A Short-Field Forward Slip	lures Il Charts & Publication Alternatives ces ction oning ation		VFR
COMPLETION STANDARDS:						
The student shall demonstrate	all requested tasks an	d maneuve	ers to the com	mercial pilot skill lev	el.	
ADDITIONAL STUDY:						
FAA-H-8083-3-AFH - Chapters FAA-H-8083-25-PHAK - Chapte FAA-H-8083-28-AWH - Chapte	ers 10-16		egments 5-6 egments 1-20			

PRE-STAGE CHECK - TIME SUMMARY

This page is intended to be used by the student's flight instructor to summarize the times accumulated through this course of instruction and determine that the times are sufficient for the stage requirements. The check instructor should verify that these times are acceptable for completion of the stage.

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

20

Part 141 / AATD LOA Note: The training time in an approved AATD/FTD used to meet the minimum requirements of Part 141 may not exceed 20% of the total flight training time required for the course of instruction. This limit is raised to 30% for an approved flight simulator or a combination of an approved AATD/FTD and a simulator. Training time in a BATD, an unapproved AATD, or a PCATD cannot be counted toward the total flight training time required under Part 141.

DATE	_ STUDENT NAME	STUDENT SIGNATURE
INSTRUCTOR #	INSTRUCTOR SIGNA	\TURE
STAGE TOTALS		
FLIGHT TIME (DUA	AL):	
FLIGHT TIME (SOL	.O):	
FLIGHT TIME (DUA	AL CROSS-COUNTRY DAY):	
FLIGHT TIME (DUA	AL CROSS-COUNTRY NIGHT):	
FLIGHT TIME (SOL	O CROSS-COUNTRY):	
FLIGHT TIME (SOL	.O NIGHT):	
FLIGHT TIME (DUA	AL COMPLEX AIRCRAFT):	_
AATD/FTD/SIM:		
INSTRUMENT:	(In flight only.)	
GROUND/DISCUSS	SION: (Be sure to include	the Ground Lesson times.)

STAGE I LESSON 13 DUAL - STAGE CHECK, NON-LOCAL

DATE	_ ACFT/AATD ID	GRADE (Circle One) S U I
STUDENT NAME	STUDEN	NT SIGNATURE
INSTRUCTOR #	INSTRUC	CTOR SIGNATURE
FLIGHT TIME	Ξ: (2.0) DIS	CUSSION: (1.0)
INSTRUMENT: (0.3)	TOTAL IN CO	OURSE: (D/S/G)//

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

21

LESSON OBJECTIVE:

The objective of this stage check is to determine that the student can accomplish VFR cross-country flying procedures to the skill level of a commercial pilot. In addition, the demonstration of operations in a multi-pilot crew environment will be displayed.

Lesson Review

CONTENT:

Lesson Review

Lesson neview	Lesson neview		
Preflight Preparation	Preflight Procedures		
Weather Information	Flight Deck Management		
National Airspace System			
Performance & Limitations	Takeoffs, Landings, & Go-Arounds		
Cross-Country Flight Planning	Normal Takeoff & Climb		
Physiological Aspects of Night Flying	Normal Approach & Landing		
Lighting & Equipment for Night Flying	Soft-Field Takeoff & Climb		
	Soft-Field Approach & Landing		
Airport Operations	Short-Field Takeoff & Climb		
Radio Communications	Short-Field Approach & Landing		
ATC Light Signals	Go-Around / Rejected Landing		
Traffic Patterns	Forward Slip to a Landing		
Navigation	Additional Tasks & Maneuvers		
Pilotage & Dead Reckoning	Power Setting & Mixture Control		
Navigation Systems & ATC Radar Services	Challenge & Response Checklist Usage		
Diversion	Flow Checks		
Lost Procedures	PIC Brief		
	Departure Briefing		
Emergency Operations	Division of Responsibilities		
Emergency Approach & Landing	Sterile Cockpit		
Systems & Equipment Malfunctions	Basic Attitude Instrument Flight (with V.L.D.)		
Emergency Equipment & Survival Gear			

COMPLETION STANDARDS:

The student will accurately plan and perform a VFR flight to another airport outside of the practice area, perform preflight procedures, airport operations, emergency operations and takeoffs, landings, and go-arounds to the standards listed in the current FAA Commercial Pilot Airman Certification Standards. The procedures for operations in a multi-pilot crew environment should also be demonstrated by the student.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6, 9, & 11 FAA-H-8083-25-PHAK - Chapters 10-17 FAA-H-8083-28-AWH - Chapters 24-28 Vol 2: Segments 5-6

Vol 6: Review Segments as Needed

SECTION: VI-E PAGE: 22 REVISION: 9 DATE: 11-24-2023

STAGE II

STAGE OBJECTIVE:

The objective of this stage is to develop the student's ability in performing complex cross-country operations. This will include instrument operations, international operations, composite flight plans, high density traffic airport operations, and operations at higher density altitudes.

STAGE COMPLETION STANDARDS:

This stage will be complete when the student demonstrates the ability to perform complex cross-country operations. The student will demonstrate practical knowledge about the operation of aircraft to the commercial pilot level.

SECTION: VI-E PAGE: 23 REVISION: 9 DATE: 11-24-2023

			DATE:	11-24-2023
STAGE II LESSON 14 GROUND	DATE GRADE (Circle		GRADE (Circle One) S U	I
	STUDENT NAME STUDE		STUDENT SIGNATURE	
	INSTRUCTOR #	STRUCTOR # INSTRUCTOR SIGNATURE		
		DISCL	ISSION: (1.2)	
LESSON OBJECTIVE:		٦	OTAL IN COURSE: (D/S/G)	
During this lesson, the instructor v	vill introduce the student	to the Co	ommercial Pilot Airman Certification	n Standards
CONTENT:				
Lesson Introduction		Lesson	Introduction	
Use of the Airman Certic Aircraft, Equipment, and Requirements & Limitat Applicant Responsibilitic Instructor Responsibilitic Evaluator Responsibilitic Satisfactory Performance Unsatisfactory Performance Single-Pilot Resource Note To Management Completion STANDARDS:	d Operational ions es es es ce ance		Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunction) ons
and their significance to pilot train		stand the	e concept of the Airman Certificatio	n Standards
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapters 9 FAA-H-8083-25-PHAK - Chapter Commercial Pilot ACS Vol 1: Segment 5 Vol 2: Segments 2-4 & 7-8				
Notes:				
				_
				_
				1

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: VI-E PAGE: 24 REVISION: 9 DATE: 11-24-2023		
STAGE II LESSON 15 DUAL - LOCAL	STUDENT NAME INSTRUCTOR # FLIGHT TIME	ACFT/AATD ID G STUDENT SIG INSTRUCTOR S : (1.3) DISCUSSI TOTAL IN COURSE:	NATURE SIGNATURE ON: (0.3)		
During this lesson, the student was review factors that affect the perfuplanning. CONTENT:	vill review commercial p	pilot maneuvers and procedu	ures. The student will also		
Performance & Limitation Normal Takeoff & Climitation Normal Approach & Lange Soft-Field Takeoff & Climitation Soft-Field Takeoff & Climitation Soft-Field Takeoff & Climitation Short Field Takeoff & Markeoff &	o nding mb Landing laximum Landing Landing	Lesson Review Variations in Range Variations in Enduronal Variations in Glidin Basic Attitude Instruction Unusual Attitude Research Partial Panel) Steep Turns Maneuvering durin Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness	rance ng Performance rument Flight (with V.L.D.) Recovery with V.L.D. (Full		
COMPLETION STANDARDS: This lesson will be complete when the student has demonstrated the commercial pilot maneuvers and procedures without excessive deviations from the standards in the current FAA Commercial Pilot Airman Certification Standards. The student should demonstrate a level of proficiency that shows they can recognize deviations in their own performance and know how to correct the deviations. The student should demonstrate that they are ready to practice these maneuvers without the aid of an instructor. ADDITIONAL STUDY: FAA-H-8083-3-AFH - Chapters 3, 5-6, 8-9, & 18 FAA-H-8083-25-PHAK - Chapter 11					

Vol 1: Segment 5 Vol 2: Segments 1-8

Notes:			
110103.	 		
			_

SECTION: VI-E PAGE: 25 REVISION: 9 DATE: 11-24-2023

			DATE: 11-24-2023	
STAGE II LESSON 16	DATE	ACET/AATD ID	GRADE (Circle One) SP I	
PIC - LOCAL				
	STUDENT NAME	STUDENT	SIGNATURE	
	FLIGHT TIM	IE: (1.3) DISC	CUSSION: ()	
LESSON OBJECTIVE:		TOTAL IN COU	RSE: (D/S/G) / /	
During this lesson, the student w	ill review commercial p	oilot maneuvers and proc	edures.	
CONTENT:				
Lesson Review		Lesson Review		
Performance & Limitations Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short Field Takeoff & Maximum Performance Climb Short-Field Approach & Landing Go-Around / Rejected Landing		Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness Communications & Light Signals Traffic Patterns Steep Turns		
COMPLETION STANDARDS:				
This lesson will be complete whe to correct any noted deviations in		ticed the listed maneuve	rs. The student should attempt	
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapters 5 Vol 1: Segment 5 Vol 2: Segments 1-8	5-6 & 8-9			
Notes:				

 SECTION:
 VI-E

 PAGE:
 26

 REVISION:
 9

 DATE:
 11-24-2023

		DATE: 11-24-2023
STAGE II LESSON 17		
GROUND		GRADE (Circle One) S U I
		STUDENT SIGNATURE
	INSTRUCTOR #	INSTRUCTOR SIGNATURE
		DISCUSSION: (2.0)
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)//
		s-country planning procedures. This will include complex port operations, high density altitude airport operations,
CONTENT:		
Lesson Review		Lesson Introduction
National Airspace System Procurement & Use of A Reports & Forecasts Cross-Country Flight Planting Navigation Log Planning for Alternative Lost Procedures Route Selection Performance & Limitation Aeronautical Decision M Aeronautical Charts & F Pilotage & Dead Reckon Navigation Systems & A Diversion Emergency Operations	Aviation Weather anning ght Plan s ons Making & Judgment Publications ning	Operations in Class B Airspace High Density Traffic Airports High Density Altitude Airport Operations Federal Resources for Information and Rule / Policy Interpretation FAA Aeronautical Information Services vs. Commercial Charting Products
COMPLETION STANDARDS: The student shall demonstrate a	working knowledge of	the requirements in planning a complex cross-country
	tudent should demonstr	ate the knowledge associated with the filing of composite
ADDITIONAL STUDY:		
FAA-H-8083-25-PHAK - Chapter FAA-H-8083-28-AWH - Chapters Vol 3: Segments 5-11, 14, & 17		Vol 5: Segment 12 Vol 6: Review Segments as Needed
Notes:		
		_

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLABUS COMMERCIAL PILOT CERTIFICATION COURSE - 1			SECTION: PAGE: REVISION: DATE:	VI-E 27 9 11-24-2023
STAGE II LESSON 18 DUAL - CROSS-COUNTRY LESSON OBJECTIVE:	STUDENT NAME INSTRUCTOR # FLIGHT ⁻	_ ACFT/AATD ID(STUDENT SIG(INSTRUCTOR SIGE DISCUSSI TOTAL IN COURSE	GNATURE SIGNATURE ON: (0.3)	
The student will become more facross-country to an airport in a hi	-		operations by co	onducting a
Lesson Review Weather Information Cross-Country Flight PI Performance & Limitation Preflight Inspection Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Communications & Light Traffic Patterns Airport, Taxiway, & Run Markings, & Lighting Normal Takeoff & Climb Normal Approach & Lar Pilotage & Dead Recko Navigation Systems & A Diversion Lost Procedure	ons ons ont ot Signals oway Signs, onding oning	VOR Radial Interce VOR/VOR-DME A Localizer Approace GPS Approach ILS Approach Missed Approach Circling Approach Landing from a Str Approach Procedu Basic Attitude Inst Emergency Desce Emergency Appro Systems & Equipn Holding Procedures Air Traffic Control Compliance with D Arrival Procedures After Landing, Par	Procedures Procedures Procedure raight-In or Circ ure rument Flight (vent ach & Landing nent Malfunction es Clearances Departure, En F es & Clearances	cling with V.L.D.) ons Route, &
COMPLETION STANDARDS: The student should demonstrate density area. The student should ADDITIONAL STUDY: FAA-H-8083-15-IFH - Instrument Handbook - Chapters 9-11 FAA-H-8083-25-PHAK - Chapter	perform all maneuvers		trument rated p	
Notes:				_

SECTION: VI-E PAGE: 28 REVISION: 9 DATE: 11-24-2023

COMMERCIAL PILOT CERTIFICATION COURSE - 1		REVISION: 9 DATE: 11-24-2023		
STAGE II LESSON 19 GROUND		GRADE (Circle One) S U I STUDENT SIGNATURE		
		INSTRUCTOR SIGNATURE		
		DISCUSSION: (1.5)		
		TOTAL IN COURSE: (D/S/G)//		
LESSON OBJECTIVE:				
The objective of this lesson is to	introduce the student	to Garmin G1000 operations.		
CONTENT:				
Lesson Introduction		Lesson Introduction		
Garmin G1000 Line Replaceable Units Primary Flight Display (PFD) Multi Function Display (MFD) Audio Panel G1000 Operational Techniques Direct-To Operations COMPLETION STANDARDS:		Flight Plan Operations Loading & Activating Instrument Procedures Flying Instrument Procedures Standby Instruments Autopilot Operations Abnormal Operations Emergencies		
The student shall demonstrate a	working knowledge of	the Garmin G1000.		
ADDITIONAL STUDY:				
Review the Garmin G1000 Cock Review the Garmin G1000 Pilot's Vol 5: Segments 2 & 6-8				
Notes:				

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLABUS

PAGE: 29 **COMMERCIAL PILOT CERTIFICATION COURSE - 1 REVISION:** 11-24-2023 DATE: STAGE II LESSON 20 DATE_____ ACFT/AATD ID____ GRADE (Circle One) S U I **DUAL - AATD, G1000** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE AATD: (1.6) _____ DISCUSSION: (0.3) _____ TOTAL IN COURSE: (D/S/G) / / **LESSON OBJECTIVE:** During this lesson, the student will be introduced to VFR maneuvers and procedures in a G1000 equipped AATD. CONTENT:

SECTION:

VI-E

Lesson Introduction	Lesson Introduction		
Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short Field Takeoff & Maximum Performance Climb	Short-Field Approach & Landing Go-Around / Rejected Landing Emergency Approach & Landing Traffic Patterns Steep Turns		

COMPLETION STANDARDS:

This lesson will be complete when the student has demonstrated the VFR maneuvers and procedures in the G1000 equipped AATD. The student should demonstrate a level of proficiency that shows they can recognize deviations in their own performance and know how to correct the deviations.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 8-10 Vol 2: Segments 1 & 5-7

Notes:

 SECTION:
 VI-E

 PAGE:
 30

 REVISION:
 9

 DATE:
 11-24-2023

I

			DATE. 11-24-2025
STAGE II LESSON 21 PIC - LOCAL			GRADE (Circle One) SP
	STODENT NAME _	310DE	NT SIGNATURE
	FLIGHT TI	ME: (1.3) D	ISCUSSION: ()
LESSON OBJECTIVE:		TOTAL IN CO	DURSE: (D/S/G)/ /
During this lesson, the student w	ill review commercial	pilot maneuvers and p	rocedures.
CONTENT:			
Lesson Review		Lesson Review	
Performance & Limitation Normal Takeoff & Climbe Normal Approach & Lange Soft-Field Takeoff & Climbe Short Field Takeoff & Markey Performance Climbe Short-Field Approach & Go-Around / Rejected Letter Complete When to correct any noted deviations in Applitional STUDY:	nding mb Landing laximum Landing Landing	Power-Off Services Power-On Se	Stalls d Stalls eness ations & Light Signals erns s
ADDITIONAL STUDY:			
FAA-H-8083-3-AFH - Chapters 5 Vol 2: Segments 1-8	6-6 & 8-10		
Notes:			

SPORTY'S ACADEMY SECTION: VI-E TRAINING COURSE OUTLINE / SYLLABUS PAGE: 31 **COMMERCIAL PILOT CERTIFICATION COURSE - 1 REVISION:** 11-24-2023 DATE: STAGE II LESSON 22 _____ ACFT/AATD ID_____ GRADE (Circle One) S U I DUAL - AATD, G1000 STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE AATD: (1.6) _____ DISCUSSION: (0.3) _____ INSTRUMENT: (1.4) _____ TOTAL IN COURSE: (D/S/G) ____ /___/ LESSON OBJECTIVE: During this lesson, the student will be introduced to IFR maneuvers and procedures in a G1000 equipped AATD. CONTENT: **Lesson Introduction Lesson Introduction** _____ Flight Deck Management ____ Holding Procedures _____ VOR/VOR-DME Approach _____ Normal Takeoff & Climb _____ Localizer Approach Normal Approach & Landing ____ GPS Approach _____ Basic Attitude Instrument Flight VOR Radial Interception & Tracking ____ ILS Approach ____ Missed Approach Procedures Compliance with Departure, En Route, & Arrival Procedures & Clearances Landing from a Straight-In Approach **COMPLETION STANDARDS:** This lesson will be complete when the student has demonstrated the IFR maneuvers and procedures in the G1000 equipped AATD. The student should demonstrate a level of proficiency that shows they can recognize deviations in their own performance and know how to correct the deviations. **ADDITIONAL STUDY:** FAA-H-8083-15-IFH - Chapters 6-7 & 11 Review the Garmin G1000 Cockpit Reference Guide Review the Garmin G1000 Pilot's Guide

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLABUS

TRAINING COURSE OUTLINE / SYLL COMMERCIAL PILOT CERTIFICATIO			PAGE: REVISION: DATE:	32 9 11-24-2023
STAGE II LESSON 23 PIC - CROSS-COUNTRY	DATESTUDENT NAME _	ACFT/AATD ID STUDENT	· ·	e One) SP I
	FLIGHT TI	ME: (7.0) DISC	CUSSION: ()	

SECTION:

TOTAL IN COURSE: (D/S/G) __

VI-E

The objective of this lesson is to provide the student with the opportunity to practice VFR operations to a Class B and/or High Density Traffic Airport.

CONTENT:

LESSON OBJECTIVE:

Lesson Review	Lesson Review
Weather Information Cross-Country Flight Planning Performance & Limitations Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Communications & Light Signals Traffic Patterns Pilotage & Dead Reckoning Navigation Systems & ATC Radar Services	Diversion Lost Procedure User & Other Fees VFR Operations in Class B Airspace High Density Traffic Airports Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short-Field Takeoff & Climb Short-Field Approach & Landing After Landing, Parking, & Securing

COMPLETION STANDARDS:

This lesson will be complete when the student has successfully operated into and out of the primary airport of Class B airspace during a VFR cross-country flight.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 9 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28

Vol 2: Segments 5-6 Vol 6: Segments 1-20

Notes:			

SECTION: PAGE: REVISION: VI-E 33 9 23

UΙ

				DATE:	11-24-2023
STAGE II LESSON 24 DUAL - AATD, G1000		D: (1.6) _	STUDENT INSTRUCT DISCUSS	SIGNATURE OR SIGNATURE_ ION: (0.3)	
LESSON OBJECTIVE:	INSTRUMENT: (1.4)		TOTAL IN COU	RSE: (D/S/G)	
During this lesson, the student vistudent will also be introduced to the PFD in a G1000 equipped Av	climb & descend via				
CONTENT:					
Lesson Review		Lessor	Introduction		
Flight Deck Manageme Normal Takeoff & Climb Normal Approach & Lai Basic Attitude Instrume Compliance with Depar Arrival Procedures & Cl GPS Approach ILS Approach Missed Approach Proce Landing from a Straight	o nding nt Flight ture, En Route, & learances edures		Descend Via Instrument Ap	parture Procedure Arrival Procedures oproaches with Los Emergency Proced e G1000	ss of PFD
COMPLETION STANDARDS:					
This lesson will be complete we emergencies in the G1000 equip they can recognize deviations in	ped AATD. The stude	ent should	l demonstrate a	level of proficience	
ADDITIONAL STUDY:					
FAA-H-8083-15-IFH - Chapters 6 Review the Garmin G1000 Cock Review the Garmin G1000 Pilot's Vol 2: Segment 7	pit Reference Guide				
Notes:					

			DATE:	11-24-2023
STAGE II LESSON 25 PIC - CROSS-COUNTRY	DATE	ACFT/AATD ID	GRADE (Circ	cle One) SP I
	STUDENT NAME	STUDE	ENT SIGNATURE	
	FLIGHT TI	ME: (6.0)	DISCUSSION: () OURSE: (D/S/G)	
LESSON OBJECTIVE:			, ,	

SECTION:

REVISION:

PAGE:

VI-E

34

The objective of this lesson is to provide the student with the opportunity to practice maximum performance operations during a cross-country flight. The student should plan and conduct the flight to smaller, less frequently used airports, preferably in higher terrain.

CONTENT:

Lesson Review	Lesson Review
Weather Information Cross-Country Flight Planning Performance & Limitations Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Pilotage & Dead Reckoning Navigation Systems & ATC Radar Services Diversion Lost Procedure	Wind Shear Recognition & Avoidance High Density Altitude Airports Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short-Field Takeoff & Climb Short-Field Approach & Landing Communications & Light Signals Traffic Patterns After Landing, Parking, & Securing

COMPLETION STANDARDS:

This lesson will be complete when the student has successfully operated into and out of a smaller, less frequently used airport, preferably in higher terrain.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6 & 9 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28

Vol 2: Segments 5-6 Vol 6: Segments 1-20

			DATE:	11-24-2023
STAGE II LESSON 26 DUAL - CROSS-COUNTRY	DATE_	_ ACFT/AATD ID_	GRADE (Circle	e One) S U I
DOAL GROOD GOOMMI	STUDENT NAME _	STUDEN	NT SIGNATURE	,
	INSTRUCTOR #	INSTRUC	TOR SIGNATURE_	
	FLIGHT	TIME: (4.0) DIS	CUSSION: (0.3)	
LESSON OBJECTIVE:	INSTRUMENT: (2.5) TOTAL IN CO	URSE: (D/S/G)	//

SECTION:

REVISION:

PAGE:

VI-E

35

The student will gain additional familiarity with the operation of complex cross-country operations by conducting an IFR cross-country to an airport in a high traffic density area. The student will also become familiar with second-in-command/pilot not flying/pilot monitoring duties while acting as SIC on one leg of this cross-country flight.

CONTENT:

Missed Approach Procedures
Circling Approach Procedure
Landing from a Straight-In or Circling
Approach Procedure
Basic Attitude Instrument Flight (with V.L.D.)
Emergency Descent
Emergency Approach & Landing
Systems & Equipment Malfunctions
Holding Procedures
Air Traffic Control Clearances
Compliance with Departure, En Route, &
Arrival Procedures & Clearances
Pilot Not Flying (Pilot Monitoring / SIC)
Duties
Challenge & Response Checklist Usage
Flow Checks
Sterile Cockpit
PIC Brief
Departure Briefing
Division of Responsibilities
After Landing, Parking, & Securing

COMPLETION STANDARDS:

The student should demonstrate the ability to plan and perform a cross-country flight to an airport in a high traffic density area. The student should perform all maneuvers to at least the level of an instrument rated private pilot. The student should perform SIC duties while the flight instructor flies a cross-country leg.

ADDITIONAL STUDY:	Notes:
FAA-H-8083-15-IFH - Chapters 9-11 FAA-H-8083-25-PHAK - Chapters 10-16 FAA-H-8083-28-AWH - Chapters 24-28 Vol 2: Segment 7 Vol 6: Review Segments as Needed	

SPORTY'S ACADEMY

TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			PAGE: REVISION: DATE:	36 9 11-24-2023
STAGE II LESSON 27 PIC - CROSS-COUNTRY		_ ACFT/AATD ID STUDENT		•
LESSON OBJECTIVE:	FLIGHT TIM	IE: (3.0) DISC	CUSSION: () RSE: (D/S/G)	
The objective of this lesson is to an IFR cross-country flight. The approaches and minimum leg dis	student should plan ar	nd conduct the flight to m	nultiple airports with	-
CONTENT:				
Lesson Review		Lesson Review		
Weather Information		VOR Radial II	nterception & Track	ing

SECTION:

VI-E

eption & Tracking eproach Procedures Procedure aight-In or Circling re ument Flight (with V.L.D. eparture, En Route, & & Clearances king, & Securing

COMPLETION STANDARDS:

This lesson will be complete when the student has successfully operated on an IFR cross-country with approaches at multiple airports At least two of the approaches should culminate in a landing with one of those being more than 50 nautical miles from the departure airport.

ADDITIONAL STUDY:

FAA-H-8083-15-IFH - Chapters 9-11	FAA-H-8083-28-AWH - Chapters 24-28
FAA-H-8083-25-PHAK - Chapters 10-16	Vol 6: Review Segments as Needed

Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION				SECTION: PAGE: REVISION: DATE:	11-24-2	VI-E 37 9 2023
STAGE II						
LESSON 28 DUAL - AATD, G1000	DATE	ACF	T/AATD ID	GRADE (Circle	e One)	SUI
	STUDENT NA	ME	STUDEN	NT SIGNATURE		
	INSTRUCTOR	#	INSTRUC	TOR SIGNATURE_		
		AATD: (2.)) DISCUS	SSION: (0.3)		
LESSON OBJECTIVE:	INSTRUMENT	·: (1.8)	TOTAL IN CO	OURSE: (D/S/G)	/	/
During this lesson, the student w AATD. The student will also be in:						
Lesson Review		Les	son Introduction	า		
Flight Deck Management Normal Takeoff & Climb Instrument Approaches with the Flight Director Basic Attitude Instrument Flight Compliance with Departure, En Route, & Instrument Approaches with the Autopilot Operations Compliance with Departure, En Route, & Instrument Approaches with the Autopilot Operations ILS Approach ILS Approach Missed Approach Procedures Landing from a Straight-In Approach Climb Via Departure Procedures Descend Via Arrival Procedures Instrument Approaches with Loss of PFD Abnormal & Emergency Procedures Related to the G1000				ot		
COMPLETION STANDARDS:						
This lesson will be complete we emergencies in the G1000 equip they can recognize deviations in	ped AATD. The	student sh	ould demonstrate	a level of proficiency		
ADDITIONAL STUDY:						
FAA-H-8083-15-IFH - Chapters 6 Review the Garmin G1000 Cock Review the Garmin G1000 Pilot's Vol 2: Segment 7	pit Reference G	iuide				
Notes:						

SPORTY'S A TRAINING C COMMERCIA

ACADEMY COURSE OUTLINE / SYLLA AL PILOT CERTIFICATION	 SECTION: PAGE: REVISION: DATE:	VI-E 38 9 11-24-2023

			DATE:	11-24-2023
STAGE II LESSON 29 PIC - CROSS-COUNTRY	DATE	_ ACFT/AATD ID	GRADE (Circle	One) SP I
PIC - CROSS-COUNTRY				
	STUDENT NAME	STUDEN	SIGNATURE	
	FLIGHT TIM	ME: (3.0) DIS	CUSSION: ()	
LESSON OBJECTIVE:		TOTAL IN COU	JRSE: (D/S/G)	1 1
The objective of this lesson is to an IFR cross-country flight. The approaches and minimum leg dis	student should plan ar	nd conduct the flight to n	nultiple airports with	
CONTENT:				
Lesson Review		Lesson Review		
Weather Information Cross-Country Flight Planning Performance & Limitations Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Pilotage & Dead Reckoning Navigation Systems & ATC Radar Services Diversion Lost Procedure Wind Shear Recognition & Avoidance Normal Takeoff & Climb Normal Approach & Landing Communications & Light Signals		if a Safety Pil Compliance v	ME Approach broach ch ch cach Procedures cach Procedure a Straight-In or Circ cocedure e Instrument Flight (v ot is available) with Departure, En R dures & Clearances ns	eling with V.L.D. Boute, &
COMPLETION STANDARDS:				
This lesson will be complete when at multiple airports At least two o than 50 nautical miles from the d	of the approaches shou		-	
ADDITIONAL STUDY:				
FAA-H-8083-15-IFH - Chapters S FAA-H-8083-25-PHAK - Chapter FAA-H-8083-28-AWH - Chapters	s 10-16	Vol 6: Review Segment	s as Needed	
Notes:				
				_
				_

SECTION:

PAGE:

VI-E

39

The objective of this lesson is to refine the student's cross-country planning procedures and introduce international flight planning.

CONTENT:

Lesson Introduction	Lesson Introduction		
Required Documents for International Flights International & Canadian / Bahamian Flight Plans Customs Requirements Electronic Advance Passenger Information System (eAPIS) Requirements and Use ADCUS Customs Fees	User Fees Landing Rights Airport Canadian / Bahamian Aviation Regulations ICAO & Canadian / Bahamian Airspace General Declaration Canadian / Bahamian Charts & Publications ADIZ Transoceanic Flight Planning Transoceanic Flight Operations		

COMPLETION STANDARDS:

The student shall demonstrate a working knowledge of the requirements in planning a complex cross-country flight. Through oral quizzing, the student should demonstrate the knowledge associated with international operations.

ADDITIONAL STUDY:

AIM - Aeronautical Information Manual - Chapter 5 Vol 1: Segment 13

Notes:				

			DATE:	11-24-2023
STAGE II LESSON 31 PIC - CROSS-COUNTRY-Intl	DATE	ACFT/AATD ID	GRADE (Circ	ele One) SP I
	STUDENT NAME	STUDE	NT SIGNATURE	
		TIME: (4.0)IN		
LESSON OR JECTIVE:		TOTAL IN CO	OURSE: (D/S/G)	/ /

SECTION:

REVISION:

PAGE:

VI-E

40

The objective of this lesson is to have the student conduct an international flight while acting as PIC.

CONTENT:

Lesson Review	Lesson Review
Weather Information	VOR/VOR-DME Approach
Cross-Country Flight Planning	Localizer Approach
Performance & Limitations	GPS Approach
Preflight Inspection	ILS Approach
Flight Deck Management	Missed Approach Procedures
Engine Starting	Circling Approach Procedure
Taxiing	Landing From a Straight-In or Circling
Before Takeoff Check	Approach Procedure
Communications & Light Signals	After Landing, Parking, & Securing
Traffic Patterns	Required Documents for International
Airport, Taxiway, & Runway Signs,	Flights
Markings, & Lighting	Canadian / Bahamian Flight Plans
Normal Takeoff & Climb	Customs Requirements
Normal Approach & Landing	Electronic Advance Passenger Information
Pilotage & Dead Reckoning	System (eAPIS) Requirements and Use
Navigation Systems & ATC Radar Services	Landing Rights Airport
Basic Attitude Instrument Flight (with V.L.D.	Canadian / Bahamian Aviation Regulations
if a Safety Pilot is available)	Canadian / Bahamian Airspace
VOR Radial Interception & Tracking	General Declaration
Compliance with Departure, En Route, &	Canadian / Bahamian Charts & Publications
Arrival Procedures & Clearances	

COMPLETION STANDARDS:

The student should demonstrate an understanding and application of the procedures involved with international flight operations. The student should accurately plan and accomplish a flight either into or out of Canada or the Bahamas.

Note: In the event that a border crossing is not permitted, a PIC cross-country flight to a customs airport near the border should be conducted. The student should be evaluated on the ground regarding crossing the border.

ADDITIONAL STUDY:	Notes:
AIM - Chapter 5 Vol 1: Segment 13 Vol 6: Review Segments as Needed	

PRE-STAGE CHECK - TIME SUMMARY

This page is intended to be used by the student's flight instructor to summarize the times accumulated through this course of instruction and determine that the times are sufficient for the stage requirements. The check instructor should verify that these times are acceptable for completion of the stage.

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

41

Part 141 / AATD LOA Note: The training time in an approved AATD/FTD used to meet the minimum requirements of Part 141 may not exceed 20% of the total flight training time required for the course of instruction. This limit is raised to 30% for an approved flight simulator or a combination of an approved AATD/FTD and a simulator. Training time in a BATD, an unapproved AATD, or a PCATD cannot be counted toward the total flight training time required under Part 141.

DATE	_ STUDENT NAME	STUDENT SIGNATURE
INSTRUCTOR #	INSTRUCTO	R SIGNATURE
STAGE TOTALS		
FLIGHT TIME (DUA	L):	
FLIGHT TIME (SOL	O):	
FLIGHT TIME (DUA	L CROSS-COUNTRY DAY	:
FLIGHT TIME (DUA	L CROSS-COUNTRY NIGH	IT):
FLIGHT TIME (SOL	O CROSS-COUNTRY):	
FLIGHT TIME (SOL	O NIGHT):	
FLIGHT TIME (DUA	L COMPLEX AIRCRAFT): _	
AATD/FTD/SIM:		
INSTRUMENT:	(In flight only.)	
GROUND/DISCUSS	SION: (Be sure to	include the Ground Lesson times.)
COURSE TOTALS		
FLIGHT TIME (DUA	1).	
FLIGHT TIME (SOL	•	
	L CROSS-COUNTRY DAY	:
·	L CROSS-COUNTRY NIGH	
	O CROSS-COUNTRY):	
•	, O NIGHT):	
•	L COMPLEX AIRCRAFT): _	
AATD/FTD/SIM:	, 	
	 (In flight only.)	
		include the Ground Lesson times.)

LESSON OBJECTIVE:

11-24-2023 DATE: **STAGE II** LESSON 32 _____ ACFT/AATD ID_____ GRADE (Circle One) S U I **DUAL - STAGE CHECK, NON-LOCAL** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE FLIGHT TIME: (1.5) DISCUSSION: (0.5) INSTRUMENT: (0.3) _____ TOTAL IN COURSE: (D/S/G) ____/_

SECTION:

REVISION:

PAGE:

VI-E

42

The objective of this lesson is to assure that the student meets the objectives of Stage II. The student will be required to display knowledge of international and high density traffic airport, and high density altitude airport

operations. The flight portion will consist of a flight to a smaller, less frequently used airport.

CONTENT:	
Lesson Review	Lesson Review
Preflight Preparation Weather Information Cross-Country Flight Planning Performance & Limitations	Takeoffs, Landings, & Go-Arounds Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb
Preflight Procedures Preflight Inspection Flight Deck Management Engine Starting	Soft-Field Approach & Landing Short-Field Takeoff & Climb Short-Field Approach & Landing Go-Around / Rejected Landing
Taxiing Before Takeoff Check	Additional Tasks & Maneuvers Required Documents for International Flights
Airport Operations Communications & Light Signals Traffic Patterns	Customs Requirements Landing Rights Airport Canadian / Bahamian Aviation Regulations ICAO & Canadian / Bahamian Airspace
Navigation Pilotage & Dead Reckoning Navigation Systems & ATC Radar Services Diversion Lost Procedure	ADIZ Basic Attitude Instrument Flight (with V.L.D.) High Density Traffic Airports Post-Flight Procedures After Landing, Parking, & Securing
COMPLETION STANDARDS: The student should demonstrate knowledge of internation	

the student should demonstrate, through their flight planning and performance, knowledge of operations into and out of smaller, less frequently used airports that will require maximum performance from the aircraft. The student should demonstrate knowledge that is equivalent to a commercial pilot and perform all requested maneuvers and tasks to the standards published in the current FAA Commercial Pilot Airman Certification Standards.

ADDITIONAL STUDY:	Notes:
AIM - Chapter 5 Vol 1: Segment 13 Vol 6: Review Segments as Needed	

 SECTION:
 VI-E

 PAGE:
 43

 REVISION:
 9

 DATE:
 11-24-2023

STAGE III

STAGE OBJECTIVE:

The objective of this stage is to introduce the student to operations in complex or technically advanced airplanes and high performance airplanes.

STAGE COMPLETION STANDARDS:

This stage will be complete when the student demonstrates the ability to accurately pilot a complex, technically advanced, and/or high performance airplane to the level of a private or commercial pilot (as specified) with an instrument rating. If appropriate to the aircraft utilized, the student will receive endorsements for the operation of complex and high performance airplanes prior to completion of this stage.

STAGE PATH OPTIONS:

This stage has two path options and students need only complete path III-A or III-B. Lessons labeled with only a "III" must be completed by all students in a single-engine complex or technically advanced airplane (a single-engine complex airplane is preferred but not required when path III-B is planned). Lessons labeled "III-A" will meet the complex or technically advanced and high performance objectives of this stage utilizing a single-engine complex or technically advanced airplane for the complex/TAA lessons and the option of using either a high performance single-engine or a high performance multiengine airplane for the high performance lessons. Lessons labeled "III-B" will meet the complex and high performance objectives of this stage utilizing a complex and high performance multiengine airplane. If the multiengine training airplane available is not high performance, the HP lessons from path III-A should be completed in a high performance single-engine airplane as a part of the III-B path.

A technically advanced airplane must meet the requirements of 14 CFR §61.129(j) and specified components must be operational/visible.

		DATE:	11-24-2023
STAGE III LESSON 33	DATE	GRADE (Circle One) S U	 I
GROUND, Complex/TAA ASEL (Cx/TAA ASEL)		STUDENT SIGNATURE	
,	INSTRUCTOR #	INSTRUCTOR SIGNATURE_	
		DISCUSSION: (2.5)	
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)	

SECTION:

REVISION:

PAGE:

VI-E

44

The student shall be introduced to the systems and operations of a complex airplane and a technically advanced airplane. High altitude operations will also be introduced.

CONTENT:

Lesson Introduction	Lesson Introduction
Pilot Qualifications for Complex and High Performance Airplanes Airworthiness Requirements Performance & Limitations Technically Advanced Airplane Definition Technically Advanced Airplane Operations Operation of Systems Constant Speed Propeller Operations Preflight Inspection Flight Deck Management Emergency Descent	Systems & Equipment Malfunctions Supplemental Oxygen Pressurization Use of a Minimum Equipment List Weight & Balance (Shift) Powerplant Operations Retractable Landing Gear Operation Traffic Patterns Emergency Approach & Landing Emergency Equipment & Survival Gear

COMPLETION STANDARDS:

The student will demonstrate a basic knowledge of complex airplanes and technically advanced airplanes. This should include aircraft systems, ground operations, and basic flight maneuvers. The student will also demonstrate an understanding of high altitude operations including the use of supplemental oxygen and pressurization systems.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 12 & 18 FAA-H-8083-25-PHAK - Chapters 7, 10, & 17

Vol 1: Segments 8-11 Vol 2: Segment 7

Vol 5: Segments 2-4 & 6-9

Vol 7: Scenario 5

Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION				SECTION: PAGE: REVISION: DATE:	11-24-	VI-E 45 9 2023
STAGE III LESSON 34 DUAL - AATD, Cx/TAA ASEL	DATESTUDENT NAMEINSTRUCTOR #		STUDENT INSTRUCTO	SIGNATURE		
LESSON OBJECTIVE:	AATD. (,		RSE: (D/S/G)		/
During this lesson, the student vairplane.	will be introduced to f	flight opera	tions in a comp	olex or a technically	y adva	ınced
CONTENT:						
Lesson Introduction		Lesson	Introduction			
Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Traffic Patterns Steep Turns Maneuvering during Sle Power-Off Stalls Power-On Stalls Accelerated Stalls			Variations in F Constant Spec Retractable La PFD/MFD/Aut Operations (T Normal Taked Normal Appro Go-Around / F	Power Settings ed Propellers Oper anding Gear Opera opilot Integration & AA)	tions (` '
COMPLETION STANDARDS:						
This lesson is complete when to complex or a technically advance		rates an inc	reased knowle	edge about the ope	eration	of a
ADDITIONAL STUDY: FAA-H-8083-3-AFH - Chapter 12 FAA-H-8083-25-PHAK - Chapte Vol 1: Segment 8 Vol 5: Segments 2-4 & 6-8 Vol 7: Scenario 5						
Notes:						

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	11-24-	VI-E 46 9 -2023
STAGE III LESSON 35 DUAL - AATD, Cx/TAA ASEL	STUDENT NAME	ACFT/AATD IDSTUDENTINSTRUCTO	SIGNATURE		
LESSON OBJECTIVE:	AATD: (1.	3) DISCUSS TOTAL IN COUI	ION: (0.3) RSE: (D/S/G)		/
The objective of this lesson is to normal operation of a complex o			ncy operations and	I revie	w the
CONTENT: Lesson Review		Lesson Introduction			
Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Traffic Patterns Normal Takeoff & Climi Normal Approach & La Go-Around / Rejected I Steep Turns After Landing, Parking, Constant Speed Prope Retractable Landing Go PFD/MFD/Autopilot Into Operations (TAA)	o nding Landing & Securing Ilers Operations (Cx) ear Operations (Cx)	Soft-Field Tak Soft-Field App Short-Field App Short-Field App Use of Supple Pressurization Emergency De Emergency App Systems & Eq Emergency Ed	proach & Landing likeoff & Climb proach & Landing mental Oxygen and escent proach & Landing uipment Malfunctio	ons	r
COMPLETION STANDARDS:					
The student shall demonstrate airplane operations. This shall al a complex or a technically advar of supplemental oxygen and pre-	so include an introducti nced airplane. An unde	on on the basic principle rstanding of high altitude	s of emergency pro e operations, include	cedur	es for e use
ADDITIONAL STUDY:					
FAA-H-8083-3-AFH - Chapters ² FAA-H-8083-25-PHAK - Chapte Vol 1: Segments 8-11		Vol 2: Segments 5-7 Vol 5: Segments 2-4 & 6 Vol 7: Scenario 5	3-9		
Notes:					

UΙ

SECTION: VI-E PAGE: 47 REVISION: 9 DATE: 11-24-2023

I

COMMERCIAL FILOT CERTIFICATION	COURSE - 1		DATE:	11-24-2023
STAGE III LESSON 36 DUAL - LOCAL, Cx/TAA ASEL LESSON OBJECTIVE: The objective of this lesson is to airplane. CONTENT:	STUDENT NAME INSTRUCTOR # FLIGHT TIME: (1.5) _ INSTRUMENT: (0.3)	_ ACFT/AATD ID C STUDENT SIG INSTRUCTOR S DISCUSSION: (0.5) TOTAL IN COURSE: onal procedures of a complex	NATURE SIGNATURE_ CX/TAA : (D/S/G)	A: (1.5)
Lesson Introduction		Lesson Introduction		
Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Steep Turns Maneuvering during Slo Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness After Landing, Parking, Drag Demonstrations (C	ow Flight & Securing	Variations in Powe Constant Speed Pounce Retractable Landin PFD/MFD/Autopilo Operations (TAA) Basic Attitude Instructure Unusual Attitude R & Partial Panel) Traffic Patterns Normal Takeoff & O Normal Approach & Go-Around / Reject	ropellers Operage Gear Operage Gear Operage Integration & Cument Flight (Recovery with Value) Climb & Landing	ations (Cx) k (with V.L.D.)
The student should demonstrate a airplane.	an increased knowledg	e of the operation of a complex	or a technical	ly advanced
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapters 1 FAA-H-8083-25-PHAK - Chapter Vol 1: Segment 8 Vol 2: Segment 7 Vol 5: Segments 2-4 & 6-8 Vol 7: Scenario 5				
Notes:				

SPO TRA COM

RTY'S ACADEMY	SECTION:	VI-E
INING COURSE OUTLINE / SYLLABUS	PAGE:	48
IMERCIAL PILOT CERTIFICATION COURSE - 1	REVISION:	9
	DATE:	11-24-2023

STAGE III LESSON 37			
DUAL - LOCAL, Cx/TAA ASEL	DATE	ACFT/AATD ID	GRADE (Circle One) S U I
	STUDENT NAME	STUDENT	SIGNATURE
	INSTRUCTOR #	INSTRUCTO	R SIGNATURE
	FLIGHT TIME: (1.5) _	DISCUSSION: (0.3	B) CX/TAA: (1.5)
LESSON OBJECTIVE:	INSTRUMENT: (0.3)	TOTAL IN COUF	RSE: (D/S/G)//

The objective of this lesson is to increase the student's confidence in the operation of complex or technically advanced airplanes. This shall include operations in the slow flight regime and emergency procedures.

Lesson Introduction

CONTENT:

Lesson Review

Flight Deck Management Engine Starting Taxiing Before Takeoff Check Traffic Patterns Normal Takeoff & Climb Normal Approach & Landing Go-Around / Rejected Landing Steep Turns Constant Speed Propellers Operations (Cx) Retractable Landing Gear Operations (Cx) PFD/MFD/Autopilot Integration & Operations (TAA) Basic Attitude Instrument Flight (with V.L.D.) Unusual Attitude Recovery with V.L.D. (Full & Partial Panel) Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness After Landing, Parking, & Securing	Use of Supplemental Oxygen and Pressurization Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short-Field Takeoff & Climb Short-Field Approach & Landing
---	---

COMPLETION STANDARDS:

The student should demonstrate the ability to follow proper procedures when accomplishing the desired tasks and maneuvers. Altitude should be maintained ±150 feet, airspeed ±15 knots, and heading ±15°. During normal and crosswind landings, the aircraft should touchdown at or within 500 feet beyond a specified point. An understanding of high altitude operations, including the use of supplemental oxygen and pressurization systems, shall be demonstrated through scenarios and discussion.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 12 & 18 Vol 2: Segments 5-7 FAA-H-8083-25-PHAK - Chapters 7 & 17 Vol 5: Segments 2-4 & 6-9 Vo 5 5

Notes:

			DATE:	11-24-2023
STAGE III-A LESSON 38-A DUAL - LOCAL, Cx/TAA ASEL	DATE	_ ACFT/AATD ID	GRADE (Circle	e One) S U I
	STUDENT NAME _	STUDEN	Γ SIGNATURE	
	INSTRUCTOR #	INSTRUCT	OR SIGNATURE_	
	FLIGHT TIM	IE: (1.8) DISC	USSION: (0.3)	
I ESSON OBJECTIVE:	CX/TAA: (1.8)	TOTAL IN COU	IRSE: (D/S/G)	

SECTION:

REVISION:

PAGE:

VI-E

49

The objective of this lesson is to increase the student's confidence in the operation of complex or technically advanced airplanes. This shall include operations in the slow flight region, emergency procedures and operations at towered airports.

CONTENT:

Lesson Review Less		Lesson Review	n Review		
Lesson	Flight Deck Management Engine Starting Taxiing Before Takeoff Check Traffic Patterns Communications & Light Signals Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Takeoff & Climb Short-Field Takeoff & Climb	Lesson Review Go-Around / Rejected Landing Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival G			
	Short-Field Approach & Landing	After Landing, Parking, & Securing			

COMPLETION STANDARDS:

The student should demonstrate the ability to follow proper procedures when accomplishing the desired tasks and maneuvers. Altitude should be maintained ± 150 feet, airspeed ± 15 knots, and heading $\pm 15^{\circ}$. During normal and crosswind landings, the aircraft should touchdown at or within 500 feet beyond a specified point. The student should also demonstrate proficiency when communicating with ATC.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 18 FAA-H-8083-25-PHAK - Chapter 7

Vol 1: Segment 5 Vol 2: Segments 1-7

Notes:			

SPORTY'S ACADEMY SECTION: VI-E PAGE: 50 **REVISION:** DATE: 11-24-2023 **STAGE III-A LESSON 39-A** DATE_____ ACFT/AATD ID_____ GRADE (Circle One) S U I **DUAL - LOCAL, High Perf (HP)** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE FLIGHT TIME: (1.3) _____ DISCUSSION: (0.7) _____ HP: (1.3) ____

INSTRUMENT: (0.3) _____ TOTAL IN COURSE: (D/S/G) ____ /___/

LESSON OBJECTIVE:

The objective of this lesson is for the student to be introduced to the operation of a high performance airplane in the traffic pattern environment.

CONTENT:

Lesson Introduction	Lesson Introduction
High Performance Operations Flight Deck Management Engine Starting Taxiing Before Takeoff Check Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb (ASEL Only) Soft-Field Approach & Landing (ASEL Only) Short-Field Takeoff & Climb Short-Field Approach & Landing	Go-Around / Rejected Landing Traffic Patterns Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear Basic Attitude Instrument Flight (with V.L.D.) Unusual Attitude Recovery with V.L.D. (Full & Partial Panel) After Landing, Parking, & Securing

COMPLETION STANDARDS:

The student should demonstrate the ability to operate a high performance airplane without excessive deviations from the standards listed in the current FAA Private Pilot Airman Certification Standards.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 18

Vol 2: Segments 5-7

COMMERCIAL PILOT CERTIFICATION	N COURSE - 1		REVISION: DATE:	9 11-24-2023
STAGE III-A LESSON 40-A DUAL - NON-LOCAL, HP	DATE	_ ACFT/AATD ID	_ GRADE (Circl	e One) S U I
	STUDENT NAME	STUDENT S	IGNATURE	
	INSTRUCTOR #	INSTRUCTOR	SIGNATURE_	
	FLIGHT TIME: (1.3) _	DISCUSSION: (0.	3) HP	: (1.3)
LESSON OBJECTIVE:	INSTRUMENT: (0.3)	TOTAL IN COURS	6E: (D/S/G)	//
The objective of this lesson is fo	r the student to gain ac	dditional practice and profici	ency when ope	rating a high

SECTION:

PAGE:

VI-E

The objective of this lesson is for the student to gain additional practice and proficiency when operating a high performance airplane in the traffic pattern environment. In addition, the student shall become more proficient at transitioning the aircraft from cruise flight to the traffic pattern.

CONTENT:

Lesson Review	Lesson Review
Flight Deck Management Engine Starting Taxiing Before Takeoff Check Traffic Patterns Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb (ASEL Only) Soft-Field Takeoff & Climb Short-Field Takeoff & Climb	Short-Field Approach & Landing Go-Around / Rejected Landing Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear Basic Attitude Instrument Flight (with V.L.D.) Unusual Attitude Recovery with V.L.D. (Full & Partial Panel) After Landing, Parking, & Securing

COMPLETION STANDARDS:

The student should demonstrate the ability to operate a high performance airplane without more than minor deviations from the standards listed in the current FAA Private Pilot Airman Certification Standards. The student should also demonstrate the ability to apply proper procedures and technique in transitioning the aircraft from cruise flight to the traffic pattern when proceeding from one airport to another. **Upon successful completion of this lesson the student shall receive a high performance airplane endorsement.**

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 18

Vol 2: Segments 5-7

Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	11-24-	VI-E 52 9 2023
STAGE III-A LESSON 41-A DUAL - AATD, Cx/TAA ASEL	DATE_	_ ACFT/AATD ID	GRADE (Circle	One)	s u
	STUDENT NAME	STUDENT	SIGNATURE		
	INSTRUCTOR #	INSTRUCTO	R SIGNATURE_		
	AATD: (1	1.3) DISCUSSI	ON: (0.3)	_	
LESSON OBJECTIVE:		TOTAL IN COUF	RSE: (D/S/G)	/	/
During this lesson the student will advanced airplane.	be introduced to instru	ument approach procedure	es in a complex or a	techn	ically
CONTENT:					
Lesson Review		Lesson Review			
Basic Attitude Instrume VOR Radial Interceptio Holding Procedures Air Traffic Control Clear Compliance with Depar Arrival Procedures & Clear ICAO IFR Flight Plan ATC Communications VOR/VOR-DME Approa GPS Approach (If Equip COMPLETION STANDARDS: The student should demonstrat During the lesson, altitude should Localizer, and GPS approaches, scale deflection. During the ILS a	n & Tracking rances ture, En Route, & learances ach oped) e close to instrument be maintained ±100 fo the final approach cous	Indicators pilot proficiency in each eet and airspeed ±10 knots irse should be maintained.	ch Procedure ach Procedures ach Procedure a Straight-In or Circ edure attitude and/or Hea of the procedures s. During the VOR/ with less than a thr	ding s revie VOR-I ee-qu	DME, arter-
less than a three-quarter-scale d	eflection.				
ADDITIONAL STUDY:					
FAA-H-8083-15-IFH - Chapters	7 & 9-11				
Notes:					
				_	

UΙ

SPORTY'S ACADEMY

Notes:

SECTION: VI-E TRAINING COURSE OUTLINE / SYLLABUS PAGE: 53 **COMMERCIAL PILOT CERTIFICATION COURSE - 1 REVISION:** 11-24-2023 DATE: STAGE III-A LESSON 42-A DATE_____ ACFT/AATD ID____ GRADE (Circle One) S U I **DUAL - LOCAL, Cx/TAA ASEL** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE FLIGHT TIME: (2.0) _____ DISCUSSION: (0.3) ____ CX/TAA: (2.0) ____ INSTRUMENT: (1.4) _____ TOTAL IN COURSE: (D/S/G) ____ /___/ **LESSON OBJECTIVE:** During this lesson the student will practice instrument approach procedures in a complex or a technically advanced airplane. **CONTENT: Lesson Review Lesson Review** Basic Attitude Instrument Flight (with V.L.D.) ____ Radar Approach Procedure ___ Holding Procedures Missed Approach Procedures ____ Air Traffic Control Clearances ____ Circling Approach Procedure _ Compliance with Departure, En Route, & ____ Landing from a Straight-In or Circling Arrival Procedures & Clearances Approach Procedure __ VOR/VOR-DME Approach ___ VOR Radial Interception & Tracking ____ Localizer Approach _____ Loss of Gyro Attitude and/or Heading GPS Approach (If Equipped) Indicators ___ ILS Approach ____ ICAO IFR Flight Plan No-Gyro Radar Vectoring ATC Communications **COMPLETION STANDARDS:** During the lesson, altitude should be maintained ±100 feet and airspeed ±10 knots. During the VOR/VOR-DME. Localizer, and GPS approaches, the final approach course should be maintained with less than a three-quarterscale deflection. During the ILS approach, the final approach course and glide slope should be maintained with less than a three-quarter-scale deflection. **ADDITIONAL STUDY:** FAA-H-8083-15-IFH - Chapters 7 & 9-11

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	VI-E 54 9 11-24-2023
STAGE III-A LESSON 43-A DUAL - LOCAL, Cx/TAA ASEL		ACFT/AATD ID	,	,
		STUDENT SI		
		INSTRUCTOR		
	, ,	DISCUSSION: (0.3)		, , _
LESSON OBJECTIVE:	INSTRUMENT: (0.3) _	TOTAL IN COURS	E: (D/S/G)	
The objective of this lesson is to de	etermine that the studer	nt can pilot a complex or a te	chnically advanc	ed airplane
CONTENT:				
Lesson Review		Lesson Review		
Pilot Qualifications Airworthiness Requirem Performance & Limitatio Operation of Systems Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Normal Takeoff & Climb Normal Approach & Lar Soft-Field Takeoff & Climb Soft-Field Takeoff & Climb Soft-Field Takeoff & Climb Soft-Field Takeoff & Climb Soft-Field Takeoff & Climb COMPLETION STANDARDS	ons nt o nding mb _anding	Short-Field Appr Go-Around / Rej Communications Traffic Patterns Supplemental Or Pressurization Basic Attitude Ins Unusual Attitude & Partial Panel) Emergency Desc Emergency Appr Systems & Equip Emergency Equi After Landing, Pa	ected Landing & & Light Signals xygen strument Flight (Recovery with V cent roach & Landing oment Malfunctio	with V.L.D. /.L.D. (Full ons al Gear
This lesson will be complete when airplane to another airport and restudent should accomplish all machine Certification Standards. Upon suairplane endorsement if operat	turn while accurately ac aneuvers to the standa accessful completion	ccomplishing landings and cords listed in the current FA of this lesson the studen	emergency proce AA Commercial F	edures. The Pilot Airmar
ADDITIONAL STUDY:	0.0.40	V-10 0		
FAA-H-8083-3-AFH - Chapters 1 FAA-H-8083-25-PHAK - Chapter Vol 1: Segments 8-11	s 7 & 17	Vol 2: Segments 5-7 Vol 5: Segments 2-4 & 6-9 Vol 7: Scenario 5		

Notes:

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION		PAG	ISION: 9
STAGE III-B LESSON 38-B-G GROUND, Complex AMEL (Cx AMEL)	STUDENT NAME	GRADE (Circle One) STUDENT SIGNATUR	RE
	INSTRUCTOR #	INSTRUCTOR SIGNAT	'URE
		DISCUSSION: (1.5)	
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/0	ス) <u>/ / /</u>
During this lesson, the instructor AFM/POH, and instrument proce		nt to the training aircraft, including c airplane.	hecklist usage, the
CONTENT:			
Lesson Introduction		Lesson Introduction	
Aircraft – General Primary Flight Controls Multiengine Operations Operation of Avionics S Training Airplane Pilot Operating Handbo Training Aircraft V-Spee Weight and Balance Performance and Limita Checklist Usage	systems Unique to ok (POH) eds	Preflight Procedures Landing Gear Operations Flap System Operations Maneuvers and Procedure Engines IFR En Route Procedures (ME) Non-Precision Approache Precision Approaches – M Missed Approach – ME	es with Two s – Multiengine es – ME
COMPLETION STANDARDS:			
At the completion of this lesson, t training aircraft and multiengine i		trate through oral discussion, a basi	c knowledge of the
ADDITIONAL STUDY:			
FAA-H-8083-3-AFH - Chapter 13 AFM/POH – Airplane Flight Manu Sporty's <i>Multiengine Training Co</i>	ual / Pilot's Operating H	landbook TV) (MTC) - Segments 3, 5, & 12	

Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: VI-E PAGE: 56 REVISION: 9 DATE: 11-24-2023
STAGE III-B LESSON 38-B DUAL - LOCAL, Cx AMEL	STUDENT NAME	_ ACFT/AATD ID STUDENT SIG INSTRUCTOR : DISCUSSION: (0.3) _	SIGNATURE
LESSON OBJECTIVE:	INSTRUMENT: (0.3)	TOTAL IN COURSE	E: (D/S/G)/_/
During this lesson, the instructor takeoff and landing, and basic m during the return to the airport be landing. CONTENT:	aneuvering under visua	al flight rules. An instrument a	approach will be introduced
Lesson Introduction		Lesson Introduction	
Preflight Ground Evalu Understanding of Proce in the Airplane Preflight Inspection Flight Deck Manageme Operation of Avionics S Training Airplane Engine Starting Taxiing Before Takeoff Checks Departure and Arrival B Normal and/or Crosswi Climb	ent Systems Unique to Briefing	Propeller Synchro Medium Turns Steep Turns Aircraft Systems (Maneuvering duri Power-Off Stalls Power-On Stalls Accelerated Stalls Traffic Pattern Op Non-Precision Ap Normal and/or Cro Landing After Landing, Par	Operations ng Slow Flight s perations proach – ME posswind Approach and
COMPLETION STANDARDS:			
At the completion of this lesson,	the student will demon	strate a basic knowledge of	multiengine operations.
ADDITIONAL STUDY: FAA-H-8083-3-AFH - Chapter 1: FAA-S-ACS-7-CACS - Commert AFM/POH MTC - Segments 1-3, 5		cation Standards	
Notes:			

UΙ

SECTION: VI-E PAGE: 57 REVISION: 9 DATE: 11-24-2023

STAGE III-B LESSON 39-B-G GROUND, Cx AMEL	DATE_	GRADE (Circle One) S U I	
	STUDENT NAME	STUDENT SIGNATURE	_
	INSTRUCTOR #	INSTRUCTOR SIGNATURE	
		DISCUSSION: (1.5)	
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)//	_

During this lesson, the instructor will introduce the student to multiengine aircraft performance on one and two engines. Additional training maneuvers will also be covered.

CONTENT:

Lesson Introduction

 Aerodynamics with Two Engines
 Part 23 Certification
 Aircraft Performance Charts
 Accelerate-Stop / Accelerate-Go
 Spin Awareness
 Critical Engine Considerations
Principles of Flight with One Engine Inoperative

Performance Considerations with One Engine Inoperative

_____ Emergency Checklist – Crossfeed Operations

___ Maneuvers and Procedures with One Engine Inoperative

COMPLETION STANDARDS:

At the completion of this lesson, the student will demonstrate through oral discussion, knowledge and understanding of aircraft performance on one and two engines.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 13 AFM/POH MTC - Segments 6 & 7

-			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	58 9
STAGE III-B LESSON 39-B DUAL - LOCAL, Cx AMEL	DATE	_ ACFT/AATD ID	GRADE (Circle	e One) S U I
	STUDENT NAME	STUDENT	SIGNATURE	
	INSTRUCTOR #	INSTRUCT	OR SIGNATURE_	
	FLIGHT TIME: (1.6)	DISCUSSION: (0	.3) CX/TA	A: (1.6)
LESSON OBJECTIVE:	INSTRUMENT: (0.3)) TOTAL IN COU	RSE: (D/S/G)	/ /

including four fundamentals on a single-engine and approach will be reviewed during the return to the missed approach will be abandoned once established.	student to single-engine procedures in a multiengine airplane, if the V_{MC} demonstration under visual flight rules. An instrument we airport with missed approach procedures introduced. The ished in a stabilized climb in a clean configuration and at an wind in the traffic pattern. Other visual traffic pattern operations
CONTENT:	
Lesson Review	Lesson Introduction
Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Checks Departure and Arrival Briefing Normal and/or Crosswind Takeoff and Climb Propeller Synchronization Steep Turns Aircraft Systems Operations Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Non-Precision Approach – ME Traffic Pattern Procedures Normal and/or Crosswind Approach and Landing After Landing, Parking, & Securing	Preflight Ground Evaluation of Student's Understanding of Procedures to be Covered in the Airplane Short-Field Takeoff and Climb Engine Shutdown in Flight (as applicable) Single-Engine Operations Four Fundamentals – SE Fuel Crossfeed Operations Engine Startup in Flight (as applicable) Drag Demonstration V _{MC} Demonstration Descent Planning Missed Approach – ME Go-Around / Rejected Landing Short-Field Approach and Landing
COMPLETION STANDARDS: At the completion of this lesson, the student will define the student will defi	emonetrate competence in basic multiengine operations
Notes:	emonstrate competence in basic multiengine operations.
ADDITIONAL STUDY:	
FAA-H-8083-3-AFH - Chapter 13 AFM/POH MTC - Segments 6 & 7	

SPORTY'S ACADEMY

COMMERCIAL PILOT CERTIFICATION			PAGE: REVISION: DATE:	11-24-20	59 9)23
STAGE III-B LESSON 40-B-G GROUND, Cx AMEL	DATE	GRADE (Circle (One) S U		
	STUDENT NAME	STUDENT SIGNA	ATURE		
	INSTRUCTOR #	INSTRUCTOR SIG	NATURE_		
		DISCUSSION: (1.5)			
LESSON OBJECTIVE:		TOTAL IN COURSE: (I	D/S/G)	1 1	
During this lesson, the instruc procedures on a single engine		nt to engine failures and er	mergencies.	Instrum	ent

SECTION:

VI-E

CONTENT:

Lesson Introduction	Lesson Introduction
Emergency Checklist Usage Emergency Approach and Landing Engine Failure Procedures on the Ground before V Engine Failure Procedures in Cruise Flight Visual Reference (VR) Engine Failure Procedures after Takeoff Single-Engine Approach and Landing Go-Around / Rejected Landing – SE Engine Failure Procedures during Cruise Flight – Instrument Reference (IR)	IFR En Route Procedures – SE Non-Precision Approaches – SE Precision Approaches – SE Missed Approach – SE Emergency Equipment and Survival Gear Systems Malfunctions Emergency Descent Hot Starts Emergency Landing Gear Extension

COMPLETION STANDARDS:

At the completion of this lesson, the student will demonstrate through oral discussion, knowledge and understanding of engine failures, emergencies, and single engine instrument procedures.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 13 AFM/POH MTC - Segments 9, 10, & 13

Notes:			

SPORTY'S ACADEMY
TRAINING COURSE OUTLINE / SYLLABUS

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	VI-E 60 9 11-24-2023
STAGE III-B LESSON 40-B DUAL - AATD, Cx AMEL	DATE	_ ACFT/AATD ID	GRADE (Circle (One) S U I
	STUDENT NAME	STUDEN	NT SIGNATURE	
	INSTRUCTOR #	INSTRUC	TOR SIGNATURE	
	AATD: (2	2.0) DISCUS	SSION: (0.3)	_
LESSON OBJECTIVE:		TOTAL IN CO	URSE: (D/S/G)	<u> </u>
During this ground trainer based instrument approach procedures			nt to emergencies and	additional
CONTENT:				
Lesson Introduction		Lesson Introduction	ı	
Engine Failure Procedu before V _{MC} Engine Failure Procedu Flight – VR Engine Failure Procedu Normal and/or Crosswir Landing – SE Go-Around / Rejected L Dual Engine Failure Pro Systems Malfunctions Emergency Descent	res during Cruise res after Takeoff nd Approach and anding – SE	Missed App Landing fror Engine Failu Flight – IR IFR En Rou Non-Precisi Precision Ap Missed App	m an Instrument Appro ure Procedures during te Procedures – SE on Approaches – SE oproaches – SE	Cruise
COMPLETION STANDARDS:				
At the completion of this lesson,	the student will demo	nstrate competence in b	pasic multiengine opera	ations.
ADDITIONAL STUDY: FAA-H-8083-3-AFH - Chapter 13 AFM/POH MTC - Segments 9-10 & 12-13	3			
Notes:				

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: VI-E PAGE: 61 REVISION: 9 DATE: 11-24-2023
STAGE III-B			
LESSON 41-B DUAL - LOCAL, Cx AMEL	DATE	_ ACFT/AATD ID	GRADE (Circle One) S U
	STUDENT NAME	STUDENT	SIGNATURE
	INSTRUCTOR #	INSTRUCTO	R SIGNATURE
	FLIGHT TIME: (1.6) _	DISCUSSION: (0.3	B) CX/TAA: (1.6)
LESSON OBJECTIVE:	INSTRUMENT: (0.8)	TOTAL IN COUR	SE: (D/S/G)//
During this lesson, the instructor including instrument operations of and instrument conditions.			
CONTENT:			
Lesson Review		Lesson Introduction	
Before Takeoff Checks Departure and Arrival E Normal and/or Crosswi Climb Short-Field Takeoff and Steep Turns Aircraft Systems Operation Four Fundamentals – S Fuel Crossfeed Operation Traffic Pattern Procedu Go-Around / Rejected I Missed Approach – ME Normal and/or Crosswi Landing Short-Field Approach a	Briefing nd Takeoff and d Climb ations ons SE ions ares Landing ind Approach and	Understanding in the Airplane Precision Appro Landing from a Engine Failure Flight – VR Engine Failure Flight – IR IFR En Route F Non-Precision	n Instrument Approach – ME Procedures during Cruise Procedures during Cruise Procedures – Simulated SE Approaches – Simulated SE Crosswind Approach and
COMPLETION STANDARDS:			
At the completion of this lesson,	the student will demon	strate competence in basi	ic multiengine operations.
ADDITIONAL STUDY:			•

FAA-H-8083-3-AFH - Chapter 13 AFM/POH MTC - Segments 10, & 12-13

Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLL COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:		I-E 62 9 23
STAGE III-B LESSON 42-B DUAL - LOCAL, Cx AMEL LESSON OBJECTIVE: During this lesson, the instructor airplane, including engine failt instrument operations, and other	STUDENT NAME INSTRUCTOR # FLIGHT TIME: (1.6) _ INSTRUMENT: (0.8) will introduce the stude ares before and after the stude of the stude are students.	takeoff under visual flight ru	GRADE (Circle GNATURE_ SIGNATURE_ CX/TA E: (D/S/G) procedures in a	e One) S A: (1.6)	i) U
CONTENT:					
Lesson Review		Lesson Introduction			
Short-Field Takeoff ar Normal and/or Crossw Climb Aircraft Systems Oper Engine Failure Proced Flight Single-Engine Operati Non-Precision Approa Short-Field Approach Normal and/or Crossw Landing – Simulated S	vind Takeoff and rations dures during Cruise fons ches – Simulated SE and Landing vind Approach and	Preflight Ground Understanding of in the Airplane Engine Failure Pr (Simulated) Engine Failure Pr before V _{MC} Precision Approach Landing from an Simulated SE Go-Around / Reje SE Systems Malfunc Emergency Desc No or Partial Flap Emergency Land	Procedures to rocedures after rocedures on the ches – Simulated Sinstrument Applected Landing – tions ent o Approach and	be Cove Takeoff the Ground ed SE E troach – - Simulate	d
COMPLETION STANDARDS:					
At the completion of this lesson	, the student will demoi	nstrate competence in basic	multiengine ope	erations.	
ADDITIONAL STUDY:					
FAA-H-8083-3-AFH - Chapter 1 AFM/POH MTC - Segments 9 & 13 Notes:	13				
-				_	

 SECTION:
 VI-E

 PAGE:
 63

 REVISION:
 9

 DATE:
 11-24-2023

COMMERCIAL PILOT CERTIFICATION	COURSE - 1		EVISION: ATE:	9 11-24-2023
STAGE III-B LESSON 43-B-G GROUND, Cx AMEL	DATE	GRADE (Circle On	e) S U I	
	DATE GRADE (Circle One) S U I STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE DISCUSSION: (1.5) TOTAL IN COURSE: (D/S/G)			
	INSTRUCTOR #	INSTRUCTOR SIGN	ATURE	
	DI	SCUSSION: (1.5)		
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S	S/G)	_/
During this lesson, the instructor	will introduce the student to	the training aircraft's equipn	nent and s	ystems.
CONTENT:				

LACCAN	INTRAC	IIICTIAN
Lesson	HILLOU	ucuon

 Aircraft Engines and Propellers
 Fuel System
 Oil System
 Hydraulic Systems
 Additional Flaps & Landing Gear Systems
 Electrical Systems
 Environmental Systems
 Deicing and Anti-Icing Systems
 Vacuum System
 Additional Systems Unique to the Training Airplane

COMPLETION STANDARDS:

At the completion of this lesson, the student will demonstrate through oral discussion, knowledge and understanding of the training aircraft's equipment and systems.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 13 AFM/POH MTC - Segments 4, 8, & 11

Notes:			

COMMERCIAL PILOT CERTIFICATIO	N COURSE - 1		REVISION: DATE:	9 11-24-2023
STAGE III-B LESSON 43-B DUAL - LOCAL, Cx AMEL	DATE	_ ACFT/AATD ID	GRADE (Circle	e One) S U I
	STUDENT NAME	STUDE	NT SIGNATURE	
	INSTRUCTOR #	INSTRUC	TOR SIGNATURE_	
	FLIGHT TIME: (1.6) _	DISCUSSION:	(0.3) CX/TA	A: (1.6)
LESSON OBJECTIVE:	INSTRUMENT: (0.5)	TOTAL IN CC	OURSE: (D/S/G)	/ /

SECTION:

PAGE:

VI-E

64

During this lesson, the instructor will review procedures in the multiengine airplane as required.

CONTENT:

Flight Deck Management Short-Field Takeoff and Climb Aircraft Systems Operation Engine Failure Procedures after Takeoff (Simulated) Engine Failure Procedures on the Ground before V _{MC} Maneuvering during Slow Flight Power-Off Stalls Accelerated Stalls V _{MC} Demonstration Steep Turns Systems Malfunctions Emergency Descent Engine Failure Procedures during Cruise Flight – IR IFR En Route Procedures – Simulated SE Non-Precision Approaches – Simulated SE Landing from an Instrument Approach – Simulated SE Short-Field Approach and Landing	Lesson Review	Lesson Review
	Short-Field Takeoff and Climb Aircraft Systems Operation Engine Failure Procedures after Takeoff (Simulated) Engine Failure Procedures on the Ground before V _{MC} Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls	Steep Turns Systems Malfunctions Emergency Descent Engine Failure Procedures during Cruise Flight – IR IFR En Route Procedures – Simulated SE Non-Precision Approaches – Simulated SE Landing from an Instrument Approach – Simulated SE

COMPLETION STANDARDS:

At the completion of this lesson, the student will demonstrate an understanding of the training aircraft's advanced equipment and systems and demonstrate maneuvers to the FAA Commercial Pilot Airman Certification Standards. Upon successful completion of this lesson the student shall receive a high performance airplane endorsement and a complex airplane endorsement.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapter 13 FAA-S-ACS-7-CACS AFM/POH MTC - Review Segments as Needed

Notes:			

PRE-STAGE CHECK - TIME SUMMARY

This page is intended to be used by the student's flight instructor to summarize the times accumulated through this course of instruction and determine that the times are sufficient for the stage requirements. The check instructor should verify that these times are acceptable for completion of the stage.

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

65

Part 141 / AATD LOA Note: The training time in an approved AATD/FTD used to meet the minimum requirements of Part 141 may not exceed 20% of the total flight training time required for the course of instruction. This limit is raised to 30% for an approved flight simulator or a combination of an approved AATD/FTD and a simulator. Training time in a BATD, an unapproved AATD, or a PCATD cannot be counted toward the total flight training time required under Part 141.

DATE	_ STUDENT NAME	STUDENT SIGNATURE
INSTRUCTOR #	INSTRUCTO	R SIGNATURE
STAGE TOTALS		
FLIGHT TIME (DUA	L):	
FLIGHT TIME (SOL	O):	
FLIGHT TIME (DUA	L CROSS-COUNTRY DAY):
FLIGHT TIME (DUA	L CROSS-COUNTRY NIGH	I T):
FLIGHT TIME (SOL	O CROSS-COUNTRY):	
FLIGHT TIME (SOL	O NIGHT):	
FLIGHT TIME (DUA	L COMPLEX AIRCRAFT):	
AATD/FTD/SIM:		
INSTRUMENT:	(In flight only.)	
GROUND/DISCUSS	SION: (Be sure to	include the Ground Lesson times.)
COURSE TOTALS		
FLIGHT TIME (DUA	1.).	
FLIGHT TIME (SOL	•	
•	U) L CROSS-COUNTRY DAY	
•	L CROSS-COUNTRY NIGH	
•		,
•	O CROSS-COUNTRY):	
	O NIGHT):	
·	L COMPLEX AIRCRAFT): _	
AATD/FTD/SIM:		
	(In flight only.)	
GROUND/DISCUSS	SION:(Be sure to	include the Ground Lesson times.)

			DATE:	11-24-2023
STAGE III-A LESSON 44-A				
DUAL - STAGE CHECK,	DATE	ACFT/AATD ID	GRADE (Circ	le One) S U I
Cx/TAA ASEL	STUDENT NAME	STUDEN	Γ SIGNATURE	
	INSTRUCTOR # _	INSTRUCT	OR SIGNATURE_	
	FLIGHT TIME: (1	.5) DISCUSSION: (1.5) CX/TA	A: (1.5)
LESSON OBJECTIVE:	INSTRUMENT: (0.	.3) TOTAL IN COU	JRSE: (D/S/G)	/ /

SECTION:

REVISION:

PAGE:

VI-E

66

The objective of this lesson is to determine that the student can pilot a complex or a technically advanced airplane and meets the objectives of Stage III.

CONTENT:

Lesson Review	Lesson Review
Preflight Preparation	Airport Operations
Pilot Qualifications	Communications & Light Signals
Airworthiness Requirements	Traffic Patterns
Performance & Limitations	
Operation of Systems	High Altitude Operations
Operation of Systems	Supplemental Oxygen
Preflight Procedures	Pressurization
•	F1655u112atiO11
Preflight Inspection	Emarganar Onavationa
Flight Deck Management	Emergency Operations
Engine Starting	Emergency Descent
Taxiing	Emergency Approach & Landing
Before Takeoff Check	Systems & Equipment Malfunctions
	Emergency Equipment & Survival Gear
Takeoffs, Landings, & Go-Arounds	
Normal Takeoff & Climb	Additional Tasks & Maneuvers
Normal Approach & Landing	Basic Attitude Instrument Flight (with V.L.D.)
Soft-Field Takeoff & Climb	Unusual Attitude Recovery with V.L.D. (Full
Soft-Field Approach & Landing	& Partial Panel)
Short-Field Takeoff & Climb	,
Short-Field Approach & Landing	Postflight Procedures
Go-Around / Rejected Landing	After Landing, Parking, & Securing
•	
COMPLETION STANDARDS	

The student should demonstrate knowledge of complex or technically advanced airplane operations. The student should demonstrate knowledge that is equivalent to a commercial pilot and perform all requested maneuvers and tasks to the standards published in the current FAA Commercial Pilot Airman Certification Standards.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 12 & 18 FAA-H-8083-25-PHAK - Chapters 7 & 17 Vol 1: Segments 8-11 Vol 2: Segments 5-7 Vol 5: Segments 2-4 & 6-9

Vol 7: Scenario 5

DATE: 11-24-2023 **STAGE III-B** LESSON 44-B DATE_____ ACFT/AATD ID____ GRADE (Circle One) S U I **DUAL - STAGE CHECK, Cx AMEL** STUDENT NAME _____ STUDENT SIGNATURE____ INSTRUCTOR # _____ INSTRUCTOR SIGNATURE____

SECTION:

REVISION:

PAGE:

VI-E

67

	FLIGHT TIME: (1.6) _	DISCUSSION: (1.5)	_ CX/TAA: (1.6)
LESSON OBJECTIVE:	INSTRUMENT: (0.5)	TOTAL IN COURSE: (D/S	S/G)
During this lesson, the student Commercial Pilot Airman Certific		ine maneuvers and procedures	specified in the FAA
CONTENT:			
Lesson Review		Lesson Review	
Preflight Preparation Performance and Limita Principles of Flight – Er Operation of Systems Preflight Procedures Preflight Inspection Flight Deck Manageme	ngine Inoperative	Slow Flight And Stalls Maneuvering during Slower-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness Emergency Operations	ow Flight
Engine Starting Taxiing Before Takeoff Check		Emergency Descent Engine Failure Procedu before V _{MC} Engine Failure Procedu	
Takeoffs, Landings And Go-Arounds Normal and Crosswind Takeoffs and Climb Normal and Crosswind Approach and Landing Short-Field Takeoff and Climb Short-Field Approach and Landing		(Simulated) Normal and/or Crosswii Landing – Simulated SI Systems and Equipmer Emergency Equipment	nd Approach and E nt Malfunctions
Performance Maneuver Steep Turns COMPLETION STANDARDS:	ů	Multiengine Operations Maneuvering with One V _{MC} Demonstration Engine Failure during F Instrument Approach –	Flight – IR & VR
•	ocedures, and single-en	monstrated competence in all mugine operations in accordance with	
ADDITIONAL STUDY:	otes:		
FAA-H-8083-3-AFH - Chapter 13 FAA-S-ACS-7-CACS AFM/POH MTC- Review Segments as Needed			

Notes:			

 SECTION:
 VI-E

 PAGE:
 68

 REVISION:
 9

 DATE:
 11-24-2023

STAGE IV

STAGE OBJECTIVE:

The objective of this stage is to teach the student about obtaining the maximum performance from an aircraft. The student will be introduced to the commercial maneuvers that require maximum performance from the aircraft and the highest levels of precision from the pilot. The student's skill level will be developed to that of a commercial pilot in all areas of operation.

STAGE COMPLETION STANDARDS:

This stage will be complete when the student demonstrates the ability to perform all the tasks and maneuvers of a commercial pilot to the standards listed in the current FAA Commercial Airman Certification Standards. In addition, the student will demonstrate a mastery of basic aerodynamics and its application in various flight maneuvers.

SECTION: VI-E PAGE: 69 **REVISION:**

		DATE: 11-24-2025
STAGE IV LESSON 45 GROUND	DATE	GRADE (Circle One) S U I
	STUDENT NAME	STUDENT SIGNATURE
	INSTRUCTOR #	INSTRUCTOR SIGNATURE
	ı	DISCUSSION: (2.0)
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G) / /
During this lesson, the instru	ictor will introduce aerodynam	ic concents associated with obtaining the maximum

During this lesson, the instructor will introduce aerodynamic concepts associated with obtaining the maximum performance of the aircraft. This shall include a thorough briefing on the four forces of flight and their relationship during various maneuvers. In addition to this the instructor will also introduce chandelles, lazy eights, accelerated stalls, and steep spiral.

CONTENT:

Lesson	Review	Lesson	Introduction
	Lift Drag Load Factor Straight & Level Turns Descents Climbs Rate of Turn Maneuvering during Slow Flight Steep Turns Diving Spiral Thrust Weight Maneuvering Speed Aircraft Stability Dynamic Static		Chandelles Lazy Eights Accelerated Stalls Steep Spiral
	Radius of Turn Aircraft Maneuverability Emergency Descent Torque Effect		

COMPLETION STANDARDS:

This lesson shall be complete when the student demonstrates to the instructor a solid comprehension of the aerodynamics involved in the various flight maneuvers through oral quizzing. In addition, the student should demonstrate a knowledge of how to perform chandelles, lazy eights, accelerated stalls, and steep spiral by demonstrating the maneuver through the use of a model aircraft.

ADDITIONAL STUDY:	Notes:
FAA-H-8083-3-AFH - Chapters 4-5 & 10	
FAA-H-8083-25-PHAK - Chapters 4-5	
Vol 1: Segments 1-2, 4, & 7	
Vol 2: Segments 1-2	
Vol 4: Segments 1-5	
Vol 7: Scenarios 1-2 & 4	

REVISION: 11-24-2023 DATE: _____ ACFT/AATD ID_____ GRADE (Circle One) S U I **DUAL - LOCAL** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE FLIGHT TIME: (1.3) DISCUSSION: (0.3)

SECTION:

PAGE:

TOTAL IN COURSE: (D/S/G) ____/

VI-E

70

LESSON OBJECTIVE:

The objective of this lesson is to introduce the student to the performance envelope of the training aircraft and how to obtain maximum performance from the aircraft. In addition, the student shall be introduced to chandelles and steep spiral.

CONTENT:

STAGE IV **LESSON 46**

Lesson Introduction		
Aircraft Stability (Yaw) Aircraft Stability (Pitch) Aircraft Stability (Roll) Falling Leaf Chandelles Steep Spiral Accelerated Stalls		

COMPLETION STANDARDS:

The student shall demonstrate the ability to accurately maneuver the aircraft. This shall include proper initiation and recovery procedures from stalls, proper procedures in performing emergency descents and performing steep turns while maintaining the altitude ±100 feet. In addition, the student shall demonstrate the proper procedure in the performance of a steep spiral and chandelle and maintain minimum controllable airspeed without stalling the aircraft.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 4-5 & 10 FAA-H-8083-25-PHAK - Chapters 4-5

Vol 1: Segments 1 & 4 Vol 2: Segments 1-4 Vol 4: Segment 5 Vol 7: Scenario 1

DATE _____ ACFT/AATD ID _____ GRADE (Circle One) S U I

STUDENT NAME _____ STUDENT SIGNATURE _____
INSTRUCTOR # ____ INSTRUCTOR SIGNATURE _____

FLIGHT TIME: (1.3) DISCUSSION: (0.3)

SECTION:

PAGE:

TOTAL IN COURSE: (D/S/G) ____/

VI-E

71

LESSON OBJECTIVE:

The student will gain further practice and proficiency at the maneuvering of the aircraft near the limits of its flight envelope. The student will also be introduced to lazy eights.

CONTENT:

STAGE IV LESSON 47

DUAL - LOCAL

Lesson Review	Lesson Introduction
Steep Turns Chandelles Steep Spiral Normal Takeoff & Climb	Lazy Eights
Normal Approach & Landing Emergency Descent Maneuvering during Slow Flight Climbs	
Descents Power-Off Stalls (20° Bank) Power-On Stalls (20° Bank) Accelerated Stalls	

COMPLETION STANDARDS:

At the completion of this lesson, the student will show an improvement in controlling the aircraft near the limits of its performance capabilities. The student should be able to explain the effect that torque effect has the various maneuvers and how aircraft stability is related to the performance of the various maneuvers. In addition, the student should be able to demonstrate and apply the necessary procedures to perform a lazy eight.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 4-5 & 10 FAA-H-8083-25-PHAK - Chapters 4-5 Vol 1: Segments 1-2 & 4

Vol 2: Segments 1-4 Vol 4: Segment 5 Vol 7: Scenarios 1-2

Notes:			

11-24-2023 DATE: STAGE IV LESSON 48 DATE_____ GRADE (Circle One) S U I **GROUND** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE DISCUSSION: (1.2) __ TOTAL IN COURSE: (D/S/G) _____

SECTION:

REVISION:

PAGE:

VI-E

72

The objective of this lesson is to review and introduce the student to the procedures and factors associated with performing takeoffs and landings while obtaining maximum performance from the aircraft. The student will also be introduced to the gliding characteristics of the training airplane and how to effectively plan and compensate for the various conditions that can affect an aircraft in gliding flight. In addition, the student will be introduced to the procedures to properly perform eights on pylons and power-off accuracy approaches.

CONTENT:

LESSON OBJECTIVE:

Lesson Review	Lesson Review
Factors Affecting Takeoff Altitude Temperature Lift-Off Speed Runway Surface Weight Wind Runway Slope Pilot Technique Factors Affecting Landing Altitude	Best Glide Slips Soft-Field Takeoff & Climb Short-Field Takeoff & Climb Determining Wind Direction & Speed Effect of Wind Soft-Field Approach & Landing Short Field Approach & Landing Go-Around / Rejected Landing Ground Effect
Temperature Approach Speed Runway Surface Weight Slope Runway Slope Pilot Technique Approach Angle Wind Recognition	Lesson Introduction Hydroplaning Minimum Sink Eights on Pylons Turbulent Air Approach & Landing Power-Off Accuracy Approaches 90° Power-Off Approach 180° Power-Off Approach 360° Power-Off Approach

COMPLETION STANDARDS:

The student will have a fundamental knowledge of the factors that affect the performance of gliding flight, takeoffs, and landings. This shall include the procedures required to acquire the maximum performance from the aircraft. The student will also be able to describe the procedures required to perform power-off accuracy approaches and eights on pylons and be able to explain the variation in pivotal altitude with changes in groundspeed.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6-9 Vol 2: Segments 5-6 FAA-H-8083-25-PHAK - Chapters 4-5 & 11 Vol 4: Segments 6-8 Vol 1: Segments 3 & 6 Vol 7: Scenarios 3 & 15-17

Notes:		
		_

| STAGE IV | LESSON 49 | DATE | ACFT/AATD ID | GRADE (Circle One) S U I | STUDENT NAME | INSTRUCTOR SIGNATURE | INSTRUCTOR SIGNATURE | FLIGHT TIME: (1.3) | DISCUSSION: (0.3) | TOTAL IN COURSE: (D/S/G) | / / |

SECTION:

PAGE:

VI-E

73

The student will learn about applying their knowledge associated with the maximum performance of the aircraft. The student will be introduced to variations in landings and approaches and also to eights on pylons.

CONTENT:

Lesson Review	Lesson Introduction
Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short-Field Takeoff & Climb Short Field Approach & Landing Go-Around / Rejected Landing Emergency Approach & Landing Aborted Takeoff Slips No Flap Landing	Eights on Pylons Turbulent Air Approach & Landing Power-Off Accuracy Approaches 90° Power-Off Approach 180° Power-Off Approach 360° Power-Off Approach

COMPLETION STANDARDS:

The student will be able to explain what runway conditions necessitate the use of short and soft-field takeoff and landing techniques and be able to apply these techniques. The student will also be able to accurately plan a glide to touchdown. In addition, the student shall be able to demonstrate the proper technique for entering and performing eights on pylons.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6-9

Vol 1: Segments 3 & 6 Vol 2: Segments 5-6 Vol 7: Scenario 3

Notes:			

COMMERCIAL PILOT CERTIFICA	ATION COURSE - 1		REVISION: DATE:	9 11-24-2023
STAGE IV LESSON 50 DUAL - LOCAL	DATE	ACFT/AATD ID	GRADE (Circle	e One) S U I
	STUDENT NAME _	STUDE	NT SIGNATURE	
	INSTRUCTOR #	INSTRUC	CTOR SIGNATURE_	
	FLIGHT TIM	ME: (1.3) DIS	SCUSSION: (0.3)	
I ESSON OBJECTIVE:		TOTAL IN CO	DURSE: (D/S/G)	/ /

SECTION:

74

PAGE:

The student will become more familiar the performance characteristics of the training aircraft and will gain further proficiency in the performance of takeoffs, landings and some of the maneuvers required for the commercial pilot certificate.

CONTENT:

Lesson Review	Lesson Review
Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short-Field Takeoff & Climb Short Field Approach & Landing Go-Around / Rejected Landing Steep Turns Chandelles Lazy Eights Steep Spiral Maneuvering during Slow Flight Climbs Descents Power-Off Stalls (20° Bank)	Power-On Stalls (20° Bank) Accelerated Stalls Eights on Pylons Emergency Approach & Landing Aborted Takeoff Slips No Flap Landing Turbulent Air Approach & Landing Power-Off Accuracy Approaches 90° Power-Off Approach 180° Power-Off Approach 360° Power-Off Approach

COMPLETION STANDARDS:

The student will be able to explain what runway conditions necessitate the use of short-field and soft-field takeoff and landing techniques. In addition, the student will be able to demonstrate the correct procedure to be used under these conditions, although proficiency may not be at commercial pilot level.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 6-10 & 18

Vol 1: Segments 1-6

Vol 2: Review Segments as Needed Vol 7: Review Scenarios as Needed

Notes:			

 SECTION:
 VI-E

 PAGE:
 75

 REVISION:
 9

 DATE:
 11-24-2023

			DATE:	11-24-2023
STAGE IV LESSON 51 PIC - LOCAL	DATE	ACFT/AATD ID	GRADE (Circle	e One) SP I
	STUDENT NAME	STUDENT	SIGNATURE	
	FLIGHT TIN	ME: (1.3) DISC	CUSSION: ()	
LESSON OBJECTIVE:		TOTAL IN COOL	13E. (D/3/G)	1
During this lesson, the student woobtain the maximum performance		vers to gain proficiency a	nd confidence in the	eir ability to
CONTENT:				
Lesson Review		Lesson Review		
Go-Around / Rejected L Short-Field Takeoff & Cl Soft-Field Takeoff & Cli Short-Field Approach & Soft-Field Approach & I Eights on Pylons Power-Off Accuracy Ap Maneuvering during Slo	Climb Imb Landing Landing Oproaches	Power-Off Sta Power-On Sta Accelerated S Steep Turns Chandelles Lazy Eights Steep Spiral	lls	
COMPLETION STANDARDS:				
This lesson will be complete when The student should attempt to co a commercial pilot. The student s	mplete slow flight, stal	ls, steep turns, takeoffs, a	nd landings to the s	tandards of
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapters 6 Vol 1: Review Segments as Nee Vol 2: Review Segments as Nee	ded			
Notes:				
				_
				_

 SECTION:
 VI-E

 PAGE:
 76

 REVISION:
 9

 DATE:
 11-24-2023

		DATE: 11-24-2023
STAGE IV		
LESSON 52 GROUND	DATE_	GRADE (Circle One) S U I
	STUDENT NAME	STUDENT SIGNATURE
	INSTRUCTOR #	INSTRUCTOR SIGNATURE
		DISCUSSION: (1.2)
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)/_/
The student will be introduced to factors associated with these characters		aracteristics that are prevalent in most aircraft and th
CONTENT:		
Lesson Introduction		Lesson Introduction
Aerodynamic Forces Gyroscopic Forces Aircraft Certification Parachutes Diving Spiral Spin Characteristics Visual Perspectives Stall Recognition Weight & Balance Secondary Stall Elevator-Trim Stall Incipient Spin Inverted Spin Load Factor Chart (VG	Diagram)	Inertial Forces Mechanical Forces Aerobatic Flight Entering a Spin Spin Recovery Technique Load Factors Limit Ultimate Cross-Controlled Stall Accelerated Stall Fully Developed Spin Flat Spin Instrument Indications in a Spin
student shall demonstrate their k	nowledge through oral	spin awareness appropriate for a commercial pilot. The quizzing on the situations where a spin is most likely that the recovery technique from a spin.
ADDITIONAL STUDY:		
FAA-H-8083-3-AFH - Chapters 4 FAA-H-8083-25-PHAK - Chapter Vol 1: Segments 5 & 7 Vol 2: Segments 3-4 Vol 4: Review Segments as Nee	· 5	
Notes:		

PAGE: 77 **COMMERCIAL PILOT CERTIFICATION COURSE - 1 REVISION:** 11-24-2023 DATE: STAGE IV LESSON 53 DATE_____ ACFT/AATD ID____ GRADE (Circle One) S U I **DUAL - LOCAL** STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE FLIGHT TIME: (1.5) _____ DISCUSSION: (0.3) _____ INSTRUMENT: (0.3) _____ TOTAL IN COURSE: (D/S/G) ____/__/ **LESSON OBJECTIVE:** During this lesson, the student will develop practical spin awareness. CONTENT: **Lesson Review Lesson Introduction** ____ Maneuvering during Slow Flight _____ Secondary Stall _____Power-Off Stalls _____ Elevator Trim Stall _____ Cross-Controlled Stall _____ Power-On Stalls ____ Accelerated Stalls _____ Stalls during Go-Around / Rejected Landing ___ Unusual Attitude Recovery with V.L.D. (Full ____ Diving Spiral ____ Diving Spiral Recovery & Partial Panel) Spin Awareness **COMPLETION STANDARDS:** The student should demonstrate greater familiarity with the flight situations where a stall and spin may occur. The student should demonstrate proper awareness of spins and the recovery from the stalls that could likely develop into a spin. In addition, the student should be able recognize the difference between a diving spiral and a spin, applying the proper recovery technique for each. ADDITIONAL STUDY: FAA-H-8083-3-AFH - Chapters 4-5 Vol 1: Seament 5 Vol 2: Segments 2-4

SECTION:

VI-E

SPORTY'S ACADEMY
TRAINING COURSE OUTLINE / SYLLABUS
COMMERCIAL PILOT CERTIFICATION COURSE - 1 SECTION: PAGE: REVISION: DATE: VI-E 78 9 11-24-2023

I

			DATE. 11-24-2023
STAGE IV LESSON 54			
DUAL - LOCAL			GRADE (Circle One) S U
			SIGNATURE
			OR SIGNATURE
		1E: (1.5) DISCU	DSSION: (0.3) RSE: (D/S/G)//
LESSON OBJECTIVE:	INSTRUMENT: (0.3)	TOTAL IN COOK	
During this lesson, the student w	rill develop practical sp	in awareness.	
CONTENT:			
Lesson Review		Lesson Review	
Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness Stalls during Go-Around / Rejected Landing Diving Spiral		Diving Spiral F Cross-Control Secondary Sta Elevator Trim Unusual Attitu & Partial Pane	led Stall all Stall de Recovery with V.L.D. (Full
COMPLETION STANDARDS:			
The student should demonstrate The student should demonstrate develop into a spin. In addition, the a spin, applying the proper recovery	e proper awareness of the student should be al	spins and the recovery f ble recognize the differen	from the stalls that could likely
ADDITIONAL STUDY:			
FAA-H-8083-3-AFH - Chapters 4 Vol 1: Segment 5 Vol 2: Segments 2-4	1-5		
Notes:			
110.001			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	VI-E 79 9 11-24-2023
STAGE IV LESSON 55 DUAL - LOCAL		ACFT/AATD IDSTUDENT SI	`	•
		STODENT SI		
		ME: (1.3) DISCUS		
LESSON OBJECTIVE:		TOTAL IN COURS		
During this lesson, the student vereview factors that affect the per			dures. The stude	ent will also
CONTENT:				
Lesson Review		Lesson Review		
Performance & Limitati Communications & Lig Traffic Patterns Normal Takeoff & Clim Normal Approach & La Soft-Field Takeoff & Cl Soft-Field Approach & Short Field Takeoff & N Performance Climb Short-Field Approach & Go-Around / Rejected I Steep Turns Chandelles Lazy Eights	ht Signals b nding imb Landing Maximum & Landing	Steep Spiral Emergency Appr Power-Off Accur Secondary Stall Elevator Trim Sta Aborted Takeoff Unusual Attitude & Partial Panel) Eights on Pylons Maneuvering dur Power-Off Stalls Power-On Stalls Accelerated Stall Spin Awareness	acy Approaches all Recovery with V ring Slow Flight	'.L.D. (Full
This lesson will be complete who without excessive deviations from Standards. The student shall docurrent FAA Commercial Pilot A ability to perform the listed addit ADDITIONAL STUDY: FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Need Vol 2: Review Segments as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios as Need Vol 7: Review Scenarios All Vol 7:	om the standards in the monstrate takeoffs, la irman Certification Starional tasks & maneuver mapters as Needed eded	ne current FAA Commerciandings, and go-arounds tondards. In addition, the stud	al Pilot Airman C the standards li	Certification sted in the
Notes:				_
				_
				

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION				SECTION: PAGE: REVISION: DATE:	11-24-	VI-E 80 9 2023
STAGE IV LESSON 56 DUAL - LOCAL	DATESTUDENT NAMEINSTRUCTOR #		STUDENT	SIGNATURE		
LESSON OBJECTIVE:	FLIGHT TIM			JSSION: (0.3) RSE: (D/S/G)		/
During this lesson, the student v review factors that affect the per				cedures. The stude	ent wil	l also
CONTENT:						
Lesson Review		Lesson	Review			
Performance & Limitation Communications & Light Traffic Patterns Normal Takeoff & Climit Normal Approach & Lait Soft-Field Takeoff & Climit Soft-Field Approach & It Short Field Takeoff & M Performance Climb Short-Field Approach & It Go-Around / Rejected It Steep Turns Chandelles Lazy Eights	ht Signals b nding imb Landing Maximum		Power-Off Acc Secondary Sta Elevator Trim Aborted Taked Unusual Attitu & Partial Pane Eights on Pylo Maneuvering of	Stall off de Recovery with Vel) ons during Slow Flight lls talls		(Full
COMPLETION STANDARDS:						
This lesson will be complete who without excessive deviations from Standards. The student shall decurrent FAA Commercial Pilot Air ability to perform the listed additional complete who without the complete who without the student shall be complete who without the complete who will be complete who wi	om the standards in the emonstrate takeoffs, la irman Certification Star	ne current ndings, ai ndards. In	FAA Commer nd go-arounds	cial Pilot Airman C to the standards I	Certific isted i	ation n the
ADDITIONAL STUDY:						
FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Nee Vol 2: Review Segments as Nee Vol 7: Review Scenarios as Nee	eded eded					
Notes:						
					_	

SPORTY'S ACADEMY

SECTION:	VI-E
PAGE:	81
REVISION:	9
DATE:	11-24-2023

TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION		PAGE: 81 REVISION: 9 DATE: 11-24-2023				
STAGE IV LESSON 57 GROUND	STUDENT NAME	GRADE (Circle One) S U I STUDENT SIGNATURE INSTRUCTOR SIGNATURE				
		DISCUSSION: (1.2)				
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)//				
The objective of this lesson is to and/or Commercial Pilot Certification		nowledge areas in preparation for the end-of-course test				
CONTENT:						
Lesson Review		Lesson Review				
Commercial Pilot Privileges & Limitations Basic Aerodynamics Recognition of Critical Weather Situations Use of Aeronautical Weather Reports & Forecasts Performance Limitations Magnetic Compass & Errors Dead Reckoning Aeronautical Decision Making & Judgment Night Operations High-Altitude Operations Accident Reporting Requirements of the NTSB		National Airspace System Principles of Flight Wind Shear Recognition & Avoidance Weight & Balance Use of Performance Charts Aeronautical Charts Pilotage Use of Air Navigation Facilities Aircraft Systems Emergency Maneuvers & Procedures				
COMPLETION STANDARDS:						
The student should demonstrate instructor.	The student should demonstrate commercial pilot aeronautical knowledge of the subjects requested by the instructor.					
ADDITIONAL STUDY:						
FAA-H-8083-3-AFH - Chapters 1 FAA-H-8083-25-PHAK - Chapter FAA-H-8083-28-AWH - Chapters 49 CFR Part 830 Vol 1: Segments 9-12 & 14	rs 2, 7-13, & 15-16	Vol 2: Segment 7 Vol 3: Review Segments as Needed Vol 5: Review Segments as Needed Vol 6: Review Segments as Needed				

Notes:			

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: VI-E PAGE: 82 REVISION: 9 DATE: 11-24-2023	
STAGE IV LESSON 58 DUAL - LOCAL			GRADE (Circle One) S U	
	INSTRUCTOR #	INSTRUCTO	OR SIGNATURE	
	FLIGHT TIM	ME: (1.3) DISCU	JSSION: (0.3)	
LESSON OBJECTIVE:		TOTAL IN COU	RSE: (D/S/G) / /	
During this lesson, the student w	vill review commercial	pilot maneuvers and proc	edures.	
CONTENT:				
Lesson Review		Lesson Review		
Performance & Limitation Preflight Inspection Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoid Normal Takeoff & Climit Normal Approach & Laid Soft-Field Takeoff & Climit Soft-Field Takeoff & Climit Short Field Takeoff & Merformance Climit Short-Field Approach & Go-Around / Rejected Limit 180° Power-Off Approact	dance o nding mb Landing flaximum c Landing	Systems & Eq Communication Traffic Pattern Steep Turns Chandelles Lazy Eights Steep Spiral Eights on Pylot Maneuvering of Power-Off Sta Power-On Sta Accelerated S Spin Awarene	pproach & Landing quipment Malfunctions ons & Light Signals as ons during Slow Flight alls stalls	
This lesson will be complete wher without excessive deviations from Standards. The student should of their performance and know how ADDITIONAL STUDY:	om the standards in lemonstrate a level of	the current FAA Commer f proficiency that shows th	rcial Pilot Airman Certification	
FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Nee Vol 2: Review Segments as Nee Vol 7: Review Scenarios as Nee Notes:	ded ded			

SECTION:	VI-E
PAGE:	83
REVISION:	9
DATE:	11-24-2023

				DATE:	11-24-2023
STAGE IV LESSON 59 PIC - LOCAL				GRADE (Circ	,
				NT SIGNATURE SCUSSION: ()	
LESSON OBJECTIVE:			TOTAL IN CO	URSE: (D/S/G)	
During this lesson, the student w	ill review commerc	cial pilot man	euvers and pro	ocedures.	
CONTENT:					
Lesson Review		Lessor	n Review		
Performance & Limitations Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoidance Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short Field Takeoff & Maximum Performance Climb Short-Field Approach & Landing Complete When the student has prace		practiced the	Lesson Review 180° Power-Off Approach Communications & Light Signals Traffic Patterns Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness Steep Turns Chandelles Lazy Eights Steep Spiral Eights on Pylons After Landing, Parking, & Securing		
to correct any noted deviations in ADDITIONAL STUDY:	their performance	e.			
FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Need Vol 2: Review Segments as Need Vol 7: Review Scenarios as Need	ded ded	ı			
Notes:					
					—

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION				SECTION: PAGE: REVISION: DATE:	11-24-	VI-E 84 9 -2023
STAGE IV LESSON 60 DUAL - LOCAL	STUDENT NAME	ЛЕ: (1.3) _	STUDE! INSTRUC DIS	CTOR SIGNATURE_CUSSION: (0.3)		
LESSON OBJECTIVE:			TOTAL IN CO	OURSE: (D/S/G)	/	
During this lesson, the student wil any deviations in their performan CONTENT: Lesson Review	-		ivers and proce	edures and will work	on corre	ecting
Performance & Limitation Preflight Inspection Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoid Normal Takeoff & Climb Normal Approach & Lar Soft-Field Takeoff & Cli Soft-Field Approach & L Short Field Takeoff & M Performance Climb Short-Field Approach & Go-Around / Rejected L 180° Power-Off Approach	dance onding mb Landing laximum Landing Landing		Traffic Patte Emergency Emergency Systems & Steep Turns Chandelles Lazy Eights Steep Spira Eights on P Maneuverin Power-Off S Power-On S Accelerated Spin Aware	Descent Approach & Landing Equipment Malfunct I I I I I I I I I I I I I I I I I I	g ions	
This lesson will be complete when without more than minor deviation Standards. The student should detheir own performance and explain ADDITIONAL STUDY: FAA-H-8083-3-AFH - Review Chold 1: Review Segments as Need	ns from the standards emonstrate a level of in how to correct the apters as Needed	s in the cui f proficien deviation Vol 2: F	rrent FAA Com cy that shows s. Review Segme	nmercial Pilot Airman	Certific	cation
Notes:						

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLL COMMERCIAL PILOT CERTIFICATIO				SECTION: PAGE: REVISION: DATE:		VI-E 85 9 -2023
STAGE IV LESSON 61 DUAL - CROSS-COUNTRY	DATE	_ ACFT/	AATD ID			
	STUDENT NAME		STUDE	NT SIGNATURE		
	INSTRUCTOR #		INSTRUC	TOR SIGNATURE		
	FLIGHT TIME	E: (1.8)	DIS	CUSSION: (0.5)		
LESSON OBJECTIVE:	INSTRUMENT: (0.5)		TOTAL IN CC	OURSE: (D/S/G)		_/
The objective of this lesson is to diversion and lost procedure.	provide the student with	h a revie	ew of VFR cross	s-country procedure	s, speci	fically
CONTENT:						
Lesson Introduction		Lesso	on Introduction	า		
Weather Information National Airspace Sys Performance & Limital Cross-Country Flight F Flight Deck Managem Radio Communication ATC Light Signals Traffic Patterns Normal Takeoff & Clim Normal Approach & La Soft-Field Takeoff & C Soft-Field Approach & Short-Field Approach Forward Slips to a Lar Go-Around / Rejected Departure & Course Ir Navigation Log	tions Planning ent s ab anding limb Landing Climb & Landing ading Landing		Navigation Planning for Diversion Radar Serv Route Select Pilotage Dead Recket VOR Navigat GPS Navigat Other Navigat Emergency Systems & VFR Flight	al Charts & Publication Alternatives ices ction oning ation ation pation Systems Approach & Landir Equipment Malfunc	ng tions	
COMPLETION STANDARDS:						
This lesson will be complete who demonstrate cross-country and Pilot Airman Certification Stand	navigation procedures			-		
ADDITIONAL STUDY:						
FAA-H-8083-15-IFH - Chapters FAA-H-8083-25-PHAK - Chapte			-8083-28-AWH Review Segme	l - Chapters 24-28 nts as Needed		
Notes:					_]

 SECTION:
 VI-E

 PAGE:
 86

 REVISION:
 9

 DATE:
 11-24-2023

		DATE: 11-24-2023		
STAGE IV				
LESSON 62 GROUND	DATE_	GRADE (Circle One) S U I		
	STUDENT NAME	STUDENT SIGNATURE		
	INSTRUCTOR #	INSTRUCTOR SIGNATURE		
		DISCUSSION: (1.2)		
LESSON OBJECTIVE:		TOTAL IN COURSE: (D/S/G)/_/		
The objective of this lesson is to and/or Commercial Pilot Certification		owledge areas in preparation for the end-of-course test		
CONTENT:				
Lesson Review		Lesson Review		
Pilot Qualifications Airworthiness Requirements National Airspace System Operation of Systems Physiological Aspects of Night Flying ATC Light Signals Emergency Equipment & Survival Gear		 Weather Information Performance & Limitations Human Factors Lighting & Equipment for Night Flying Pressurization Supplemental Oxygen 		
COMPLETION STANDARDS:				
The student should demonstrate	commercial pilot know	rledge of the subjects requested by the instructor.		
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Chapters 1 FAA-H-8083-25-PHAK - Chapters FAA-H-8083-28-AWH - Chapters Vol 1: Segments 7-12 & 14 Vol 2: Segment 7 Vol 3: Review Segments as Nee Vol 4: Review Segments as Nee Vol 5: Review Segments as Nee Vol 6: Segments 21-22	rs 1-2, 4-5, & 7-17 s 24-28 ded ded			
Notes:				

SECTION: VI-E PAGE: 87 REVISION: 9 DATE: 11-24-2023

COMMERCIAL PILOT CERTIFICATION	COURSE - 1		DATE:	9 11-24-2023
STAGE IV LESSON 63 PIC - LOCAL	STUDENT NAME	_ ACFT/AATD ID STUDEN	NT SIGNATURE	
LESSON OBJECTIVE:		TOTAL IN CO	URSE: (D/S/G)	
During this lesson, the student w	ill review commercial p	oilot maneuvers and pr	ocedures.	
CONTENT:				
Lesson Review		Lesson Review		
Performance & Limitation Preflight Inspection Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoid Normal Takeoff & Climb Normal Approach & Lar Soft-Field Takeoff & Cli Soft-Field Takeoff & N Performance Climb Short-Field Approach & Go-Around / Rejected L COMPLETION STANDARDS: This lesson will be complete whe to correct any noted deviations in ADDITIONAL STUDY: FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Neer Vol 2: Review Segments as Neer Vol 7: Review Scenarios as Neer	dance onding mb Landing laximum Landing Landing anding the student has prace on their performance.	180° Power Communica Traffic Patte Maneuverin Power-On S Accelerated Spin Aware Steep Turns Chandelles Lazy Eights Steep Spira Eights on P After Landir ticed the listed maneur	ations & Light Signals erns g during Slow Flight Stalls Stalls I Stalls ness s I	ng
Notes:				
				_
				_
				— I

SECTION:	VI-E
PAGE:	88
REVISION:	9
DATE:	11-24-2023

			DATE: 11-24-2023	
STAGE IV				
LESSON 64 PIC - LOCAL	DATE	ACFT/AATD ID	GRADE (Circle One) SP	
	STUDENT NAME	STUDEN	Γ SIGNATURE	
	FLIGHT	TIME: (1.3) DIS		
LESSON OBJECTIVE:		TOTAL IN COU	IRSE: (D/S/G)/_/	
During this lesson, the student w	ill review commerci	al pilot maneuvers and prod	cedures.	
CONTENT:				
Lesson Review		Lesson Review		
Performance & Limitations Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoidance Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Takeoff & Maximum Performance Climb Short-Field Approach & Landing Completion Standard Completion Standards:		Lesson Review 180° Power-Off Approach Communications & Light Signals Traffic Patterns Maneuvering during Slow Flight Power-Off Stalls Power-On Stalls Accelerated Stalls Spin Awareness Steep Turns Chandelles Lazy Eights Steep Spiral Eights on Pylons After Landing, Parking, & Securing		
This lesson will be complete whe to correct any noted deviations in	-		ers. The student should attempt	
ADDITIONAL STUDY:				
FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Nee Vol 2: Review Segments as Nee Vol 7: Review Scenarios as Nee	ded ded			
Notes:				
1			1	

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	11-24-2	VI-E 89 9 2023
STAGE IV LESSON 65 DUAL - LOCAL	STUDENT NAME	ACFT/AATD IDSTUDENT S	SIGNATURE		
		E: (1.3) DISCUS			
	FLIGITI TIME				,
LESSON OBJECTIVE:		TOTAL IN COOK	SE: (D/S/G)		/
During this lesson, the student wil any deviations in their performan	•	ot maneuvers and procedu	res and will work or	n corre	cting
CONTENT:					
Lesson Review		Lesson Review			
Performance & Limitation Preflight Inspection Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoid Normal Takeoff & Climb Normal Approach & Lai Soft-Field Takeoff & Cli Soft-Field Takeoff & M Performance Climb Short-Field Approach & M Performance Climb Short-Field Approach & Go-Around / Rejected L 180° Power-Off Approach	dance o nding mb Landing laximum Landing	Traffic Patterns Emergency Des Emergency App Systems & Equ Steep Turns Chandelles Lazy Eights Steep Spiral Eights on Pylor	scent broach & Landing ipment Malfunction as uring Slow Flight s s alls s		
COMPLETION STANDARDS: This lesson will be complete wher without more than minor deviation Standards. The student should detheir own performance and explain ADDITIONAL STUDY:	ns from the standards i lemonstrate a level of p in how to correct the d	n the current FAA Comme proficiency that shows the eviations.	rcial Pilot Airman Ĉ y can recognize de	Certifica	ation
FAA-H-8083-3-AFH - Review Ch Vol 1: Review Segments as Nee		Vol 2: Review Segments Vol 7: Review Scenarios			
Notes:					

SPORTY'S ACADEMY TRAINING COURSE OUTLINE / SYLLA COMMERCIAL PILOT CERTIFICATION			SECTION: PAGE: REVISION: DATE:	VI-E 90 9 11-24-2023	
STAGE IV LESSON 66 DUAL - LOCAL	STUDENT NAME	ACFT/AATD IDSTUDENTINSTRUCTO	SIGNATURE OR SIGNATURE		
LESSON OBJECTIVE:		TOTAL IN COUR			
The objective of this lesson is to	refresh the student's a	bility at piloting an airplar	ne.		
CONTENT:					
Lesson Review		Lesson Review			
Pilot Qualifications Airworthiness Requirem Performance & Limitation Operation of Systems Preflight Inspection Flight Deck Manageme Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoid Normal Takeoff & Climit Normal Approach & Lai Soft-Field Takeoff & Cli Soft-Field Takeoff & Cli Soft-Field Takeoff & Cli COMPLETION STANDARDS	ons dance o nding mb _anding	Go-Around / P 180° Power-O Supplemental Pressurization Communicatio Traffic Pattern Emergency De Emergency Ap Systems & Eq Emergency Ec Basic Attitude Unusual Attitude & Partial Pane	Oxygen ns & Light Signals sescent oproach & Landing uipment Malfunctio quipment & Surviva Instrument Flight (vide Recovery with Vinstrument Vignal)	I Gear with V.L.D.) '.L.D. (Full	
This lesson will be complete whe accurately accomplishing landing with only minor deviations to the Standards.	gs and emergency prod	cedures. The student sho	ould accomplish all	maneuvers	
ADDITIONAL STUDY:					
FAA-H-8083-3-AFH - Review Ch FAA-H-8083-15-IFH - Chapters 6 Vol 1: Review Segments as Nee Vol 2: Review Segments as Nee Vol 7: Review Scenarios as Nee	6-7 ded ded				
Notes:					
				_	

SPORTY'S ACADEMY C

COMMERCIAL PILOT CERT			PAGE: REVISION: DATE:	91 9 11-24-2023
STAGE IV LESSON 67 DUAL - LOCAL	DATE	ACFT/AATD ID	GRADE (Circle	One) S U I
	STUDENT NAME	STUDEN	T SIGNATURE	
	INSTRUCTOR #	INSTRUCT	TOR SIGNATURE	

FLIGHT TIME: (1.5) _____ DISCUSSION: (0.3) _____

SECTION:

TOTAL IN COURSE: (D/S/G) ____/__/

VI-E

LESSON OBJECTIVE:

The objective of this lesson is to confirm that the student can pilot an airplane to a commercial pilot level.

CONTENT:

Lesson Review	Lesson Review
Pilot Qualifications Airworthiness Requirements Performance & limitations Operation of Systems Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check Runway Incursion Avoidance Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb	Soft-Field Approach & Landing Short-Field Takeoff & Climb Short-Field Approach & Landing Go-Around / Rejected Landing Supplemental Oxygen Pressurization Communications & Light Signals Traffic Patterns Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear After Landing, Parking, & Securing

COMPLETION STANDARDS

This lesson will be complete when the student demonstrates takeoffs, landings, and emergency procedures. The student should accomplish all maneuvers to the standards listed in the current FAA Commercial Pilot Airman Certification Standards.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Review Chapters as Needed

Vol 1: Review Segments as Needed Vol 2: Review Segments as Needed Vol 7: Review Scenarios as Needed

Notes:			

SECTION:

REVISION:

PAGE:

VI-E

92

The objective of this lesson is to review aeronautical knowledge areas in preparation for the end-of-course test and/or Commercial Pilot Certificate Practical Test. Items missed on the Commercial Pilot Knowledge Test should also be reviewed.

CONTENT:

Lesson Review	Lesson Review
Pilot Qualifications Airworthiness Requirements National Airspace System Operation of Systems ATC Light Signals Emergency Equipment & Survival Gear Pressurization Accident Reporting Requirements of the NTSB Principles of Flight Wind Shear Recognition & Avoidance Weight & Balance Use of Performance Charts Magnetic Compass & Errors Aircraft Systems Night Operations	Physiological Aspects of Night Flying Lighting & Equipment for Night Flying Weather Information Performance & Limitations Human Factors Commercial Pilot Privileges & Limitations Basic Aerodynamics Recognition of Critical Weather Situations Use of Aeronautical Weather & Forecasts Cross-Country Flight Planning Aeronautical Charts Single-Pilot Resource Management Aeronautical Decision Making & Judgment Supplemental Oxygen High Altitude Operations

COMPLETION STANDARDS:

The student should demonstrate knowledge of the subjects requested by the instructor to the standards listed in the current FAA Commercial Pilot Airman Certification Standards. The student must have scored at least 70% on the Commercial Pilot Knowledge Test. Items missed on the knowledge test should have been reviewed and an appropriate endorsement should have been given.

ADDITIONAL STUDY:

FAA-H-8083-3-AFH - Chapters 11-12 & 18 FAA-H-8083-25-PHAK - Review Chapters as Needed FAA-H-8083-28-AWH - Review Chapters as Needed Vol 1: Segments 7-12 & 14 Vol 2: Segment 7	Vol 3: Review Segments as Needed Vol 4: Review Segments as Needed Vol 5: Review Segments as Needed Vol 6: Review Segments as Needed
Notes:	

PRE-STAGE CHECK - TIME SUMMARY

This page is intended to be used by the student's flight instructor to summarize the times accumulated through this course of instruction and determine that the times are sufficient for the stage requirements. The check instructor should verify that these times are acceptable for completion of the stage.

SECTION:

REVISION:

PAGE:

DATE:

VI-E

11-24-2023

93

Part 141 / AATD LOA Note: The training time in an approved AATD/FTD used to meet the minimum requirements of Part 141 may not exceed 20% of the total flight training time required for the course of instruction. This limit is raised to 30% for an approved flight simulator or a combination of an approved AATD/FTD and a simulator. Training time in a BATD, an unapproved AATD, or a PCATD cannot be counted toward the total flight training time required under Part 141.

_ STUDENT NAME	STUDENT SIGNATURE
INSTRUCTO	R SIGNATURE
L):	
O):	
L CROSS-COUNTRY DAY):
L CROSS-COUNTRY NIGH	HT):
O CROSS-COUNTRY):	
O NIGHT):	
L COMPLEX AIRCRAFT): _	
(In flight only.)	
ION: (Be sure to	include the Ground Lesson times.)
L):	
O):	
L CROSS-COUNTRY DAY):
L CROSS-COUNTRY NIGH	HT):
O CROSS-COUNTRY):	
O NIGHT):	
L COMPLEX AIRCRAFT):	
(In flight only.)	
ION: (Be sure to	include the Ground Lesson times.)
	L): L CROSS-COUNTRY DAY; L CROSS-COUNTRY): D NIGHT): L COMPLEX AIRCRAFT): (In flight only.) ION: (Be sure to) L CROSS-COUNTRY DAY; L CROSS-COUNTRY NIGH D CROSS-COUNTRY NIGH D CROSS-COUNTRY): C NIGHT): C NIGHT): C NIGHT): C NIGHT): (In flight only.)

STAGE IV
LESSON 69
DUAL - LOCAL
END-OF-COURSE
REVIEW CHECK

LESSON OBJECTIVE:

DATE	_ ACFT/AATD ID	GRADE (Circle One) S U I
STUDENT NAME	STUDE	ENT SIGNATURE
INSTRUCTOR #	INSTRU	CTOR SIGNATURE
FLIGHT TIM	E: (1.8) DI	SCUSSION: (1.5)
	TOTAL IN C	OURSE: (D/S/G)//

SECTION:

PAGE: REVISION:

DATE:

VI-E

11-24-2023

94

The student shall demonstrate the knowledge and skill of a commercial pilot with an instructor other than their normally assigned instructor.

CONTENT:

Lesson Review	Lesson Review
Preflight Preparation Pilot Qualifications Airworthiness Requirements Weather Information Cross-Country Flight Planning National Airspace System Performance & Limitations Operation of Systems Human Factors Physiological Aspects of Night Flying Lighting & Equipment for Night Flying	Emergency Operations Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear Navigation Pilotage & Dead Reckoning Navigation Systems & ATC Radar Services Diversion Lost Procedure
Preflight Procedures Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check	Performance & Ground Reference Maneuvers Steep Turns Chandelles Lazy Eights Steep Spiral Eights on Pylons
Takeoffs, Landings, & Go-Arounds Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short Field Takeoff & Maximum Performance Climb Short-Field Approach & Landing Go-Around / Rejected Landing 180° Power-Off Approach	Slow Flight & Stalls Maneuvering during Slow Flight Power-Off Stalls Accelerated Stalls Spin Awareness High Altitude Operations Supplemental Oxygen Pressurization
Airport Operations Communications & Light Signals Traffic Patterns	Postflight Procedures After Landing, Parking, & Securing

COMPLETION STANDARDS:

This lesson will be complete when the student has demonstrated the commercial pilot maneuvers and procedures to the standards in the current FAA Commercial Pilot Airman Certification Standards.

STAGE IV LESSON 70 DUAL - LOCAL END-OF-COURSE TEST

LESSON OBJECTIVE:

5			
DATE	_ ACFI/AATD ID	GRADE (Circle One) S I	JI
STUDENT NAME	STUDE	NT SIGNATURE	
INSTRUCTOR #	INSTRU	CTOR SIGNATURE	
FLIGHT TIM	E: (1.8) DIS	SCUSSION: (1.5)	
	TOTAL IN CO	OURSE: (D/S/G)//_	

VI-E

11-24-2023

95

SECTION:

REVISION:

PAGE:

DATE:

The student shall demonstrate the knowledge and skill of a commercial pilot with an assigned check instructor.

CONTENT:

Lesson Review	Lesson Review
Preflight Preparation Pilot Qualifications Airworthiness Requirements Weather Information Cross-Country Flight Planning National Airspace System Performance & Limitations Operation of Systems Human Factors Physiological Aspects of Night Flying Lighting & Equipment for Night Flying	Emergency Operations Emergency Descent Emergency Approach & Landing Systems & Equipment Malfunctions Emergency Equipment & Survival Gear Navigation Pilotage & Dead Reckoning Navigation Systems & ATC Radar Services Diversion Lost Procedure
Preflight Procedures Preflight Inspection Flight Deck Management Engine Starting Taxiing Before Takeoff Check	Performance & Ground Reference Maneuvers Steep Turns Chandelles Lazy Eights Steep Spiral Eights on Pylons
Takeoffs, Landings, & Go-Arounds Normal Takeoff & Climb Normal Approach & Landing Soft-Field Takeoff & Climb Soft-Field Approach & Landing Short Field Takeoff & Maximum Performance Climb Short-Field Approach & Landing Go-Around / Rejected Landing 180° Power-Off Approach	Slow Flight & Stalls Maneuvering during Slow Flight Power-Off Stalls Accelerated Stalls Spin Awareness High Altitude Operations Supplemental Oxygen Pressurization
Airport Operations Communications & Light Signals Traffic Patterns	Postflight Procedures After Landing, Parking, & Securing

COMPLETION STANDARDS:

This lesson will be complete when the student has demonstrated the commercial pilot maneuvers and procedures to the standards in the current FAA Commercial Pilot Airman Certification Standards. In order for this lesson to be complete, the student must have accomplished 120 hours of training.

SECTION: VI-E PAGE: **REVISION:** DATE: 11-24-2023

96

RECORD OF EXTRA TRAINING (Copy as Required)

STUDENT NAME STUDENT SIGNATURE INSTRUCTOR # INSTRUCTOR SIGNATURE FLIGHT TIME: DISCUSSION: TOTAL IN COURSE: (D/S/G)/ _/			Γ/AATD ID		
FLIGHT TIME: DISCUSSION: TOTAL IN COURSE: (D/S/G) / _/	STUDE	NT NAME	STUDENT	SIGNATURE	
TOTAL IN COURSE: (D/S/G)/	INSTRUC	TOR #	INSTRUCTO	OR SIGNATURE	<u> </u>
		FLIGHT TIME:	DISCUS	SION:	
			TOTAL IN COUP	RSE: (D/S/G)	/ /