



**Private Pilot
Certification Course
(ASEL)
Flight Training Syllabus
FAR Part 141**

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LIST OF EFFECTIVE PAGES

SECTION:	PAGE:	TITLE:	REV #:	DATE:
	1 of 2	List of Effective Pages	Orig	03/01/2008
	2 of 2	List of Effective Pages (cont.)	Orig	03/01/2008
	1 of 5	Introduction	Orig	03/01/2008
	2 of 5	Introduction	Orig	03/01/2008
	3 of 5	Introduction	Orig	03/01/2008
	4 of 5	Introduction	Orig	03/01/2008
	5 of 5	Introduction	Orig	03/01/2008
I	1 of 18	Stage I	Orig	03/01/2008
I	2 of 18	Lesson # 101	Orig	03/01/2008
I	3 of 18	Lesson # 102	Orig	03/01/2008
I	4 of 18	Lesson # 103	Orig	03/01/2008
I	5 of 18	Lesson # 104	Orig	03/01/2008
I	6 of 18	Lesson # 105	Orig	03/01/2008
I	7 of 18	Lesson # 106	Orig	03/01/2008
I	8 of 18	Lesson # 107	Orig	03/01/2008
I	9 of 18	Lesson # 108	Orig	03/01/2008
I	10 of 18	Lesson # 109	Orig	03/01/2008
I	11 of 18	Lesson # 110	Orig	03/01/2008
I	12 of 18	Lesson # 111	Orig	03/01/2008
I	13 of 18	Lesson # 112	Orig	03/01/2008
I	14 of 18	Lesson # 113	Orig	03/01/2008
I	15 of 18	Lesson # 114	Orig	03/01/2008
I	16 of 18	Lesson # 115	Orig	03/01/2008
I	17 of 18	Lesson # 116	Orig	03/01/2008
I	18 of 18	Lesson # 117 Stage Check	Orig	03/01/2008
II	1 of 12	Stage II	Orig	03/01/2008
II	2 of 12	Lesson # 118	Orig	03/01/2008
II	3 of 12	Lesson # 119	Orig	03/01/2008
II	4 of 12	Lesson # 120	Orig	03/01/2008
II	5 of 12	Lesson # 121	Orig	03/01/2008
II	6 of 12	Lesson # 122	Orig	03/01/2008
II	7 of 12	Lesson # 123	Orig	03/01/2008
II	8 of 12	Lesson # 124	Orig	03/01/2008
II	9 of 12	Lesson # 125	Orig	03/01/2008
II	10 of 12	Lesson # 126	Orig	03/01/2008
II	11 of 12	Lesson # 127	Orig	03/01/2008
II	12 of 12	Lesson # 128 Stage Check	Orig	03/01/2008
III	1 of 11	Stage III	Orig	03/01/2008
III	2 of 11	Lesson # 129	Orig	03/01/2008
III	3 of 11	Lesson # 130	Orig	03/01/2008
III	4 of 11	Lesson # 131	Orig	03/01/2008
III	5 of 11	Lesson # 132	Orig	03/01/2008
III	6 of 11	Lesson # 133	Orig	03/01/2008
III	7 of 11	Lesson # 134	Orig	03/01/2008
III	8 of 11	Lesson # 135	Orig	03/01/2008

III	9 of 11	Lesson # 136	Orig	03/01/2008
III	10 of 11	Lesson #137 End of Course	Orig	03/01/2008
Appendix A	1 of 1	Enrollment / Graduation Cert.	Orig	03/01/2008

TECH AVIATION FLIGHT SCHOOL, INC.

APPROVED SCHOOL CERTIFICATE #TVMS353S

**PRIVATE PILOT CERTIFICATE COURSE
AIRPLANE SINGLE-ENGINE LAND (ASEL)
FLIGHT TRAINING SYLLABUS**

PRINT STUDENT NAME:

LAST NAME, FIRST NAME

**_____/_____/_____
DATE (mm/dd/yyyy)**

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TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

INTRODUCTION

The Private Pilot Certification Course, Airplane Single Engine Land (ASEL), flight training syllabus is designed to meet or exceed the requirements of 14 CFR 141, Appendix B. Its design will allow an enrolled student (see enrollment requirements, page 3) to acquire the proficiency and experience needed to meet the certification requirements for a U.S. FAA Private Pilot Certificate (ASEL). The performance criteria specified in the syllabus is based on the current FAA Private Pilot (ASEL) Practical Test Standards (PTS). All students enrolled in this course must meet these standards before graduating from this course.

This flight-training syllabus contains three (3) stages and includes thirty-seven (37) separate lessons. Each lesson includes an objective and a completion standard. Each completion standard must be met in its entirety before that lesson may be considered complete. The individual lesson and stage times indicated are not mandatory and are included for flight instructor and student guidance only. However, before graduation from the course, the following minimum training must be accomplished:

Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	Total Flight
		Dual	Solo				Night	Day		
30.0	5.0	5.0	2.0	3.0	2.5	3.0	10	90	16.5	35.0

Within each stage, lesson sequences may be adjusted as necessary to facilitate training continuity. This is permitted as long as training objectives are not compromised.

The flight instructor will assign a grade of Satisfactory (S), Unsatisfactory (U), or Incomplete (I) to each element within a lesson and an S, U, or I for the overall lesson grade.

Each lesson contains an outline with a detailed sequence of elements that the student must successfully complete during the lesson. If a lesson is not completed for any reason, additional time will be required to complete those elements graded I or U. A lesson is completed only when all elements of that lesson are graded S.

Each stage contains a stage check at the end to check the student's progress. Each stage check must be satisfactorily completed before the student may continue training in the next stage. The final lesson of the flight training syllabus is the end-of-course check. This lesson is designed to ensure that the student has acquired the aeronautical knowledge and flight skills required by the current FAA Private Pilot (ASEL) Practical Test Standards (PTS).

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

TRAINING SYLLABUS

- I. ENROLLMENT PREREQUISITES:** There are no specific requirements to enroll in the ground portion of the Private Pilot Certification Course (ASEL). However, a student must possess a valid student pilot certificate and at least a current third class medical certificate prior to beginning the flight portion of the course. Both certificates must continue to be valid and current for the completion of the entire flight course. The applicant must be at least 16 years old to solo.

- II. GROUND TRAINING REQUIREMENTS:** The student must complete the Private Pilot ground training course. Ground training may be accomplished separately or concurrently.

- III. FLIGHT TRAINING REQUIREMENTS:** The applicant must successfully complete all flight training lessons, stage checks, and end of course tests.

- IV. REQUIREMENTS FOR GRADUATION:** To obtain a graduation certificate for the Private Pilot Certification Course (ASEL), the applicant must:
 - a.** All graduates must be at least 17 years old.
 - b.** Be able to read, speak, write, and understand the English language;
 - c.** Complete all ground training requirements;
 - d.** Complete all flight training requirements; and
 - e.** Hold a valid FAA medical certificate.

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

FLIGHT TRAINING WORKSHEETS

#	Date	Aircraft	Total Time	Grade	Dual	Solo	X Country		IFR	ATD	Night	Landings		Grd	Req. Total
							Dual	Solo				Night	Day		
STAGE I															
101														1.0	
102					1.0								1		1.0
103					1.0								1		1.0
104					1.0								1		1.0
105														1.5	
106					1.5					1.5					1.5
107					1.0					1.0					1.0
108					1.5				0.5				4		1.5
109														1.5	
110					1.5				0.4				5		1.5
111					1.0								8		1.0
112					1.0								8		1.0
113					1.0								6		1.0
114					1.0								6		1.0
115														1.0	
116					1.0				0.1				3		1.0
117V					1.0				0.1				2	1.0	1.0
STAGE I TOTAL:					14.5				1.1	2.5			45	6.0	14.5
STAGE II															
118					0.5	0.5							6		1.0
119					0.5	0.5							6		1.0
120														1.5	
121						1.0							3		1.0
122														1.5	
123					1.5		1.5						2	0.5	1.5
124					2.0		2.0		0.2				3		2.0
125					1.5				0.1		1.5	5		0.5	1.5
126														1.0	
127					1.5		1.5		0.2		1.5	5			1.5
128v					1.5				0.3				2	1.0	1.5
STAGE II TOTAL:					9.0	2.0	5.0		0.8		3.0	10	22	6.0	11.0
OVERALL TOTAL:					23.5	2.0	5.0		1.9	2.5	3.0	10	67	12.0	25.5

- √ Stage Check
- ◆ Course Completion Check

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

#	Date	Aircraft	Total Time	Grade	Dual	Solo	X Country		IFR	ATD	Night	Landings		Grd	Req. Total
							Dual	Solo				Night	Day		
STAGE III															
129						2.0		2.0					3		2.0
130														2.0	
131					1.0				0.2				3		1.0
132					1.0				0.2				3		1.0
133														1.0	
134						1.0							4		1.0
135					1.5				0.3				4		1.5
136					1.5				0.2				3		1.5
137√					1.5				0.2				3	1.5	1.5
STAGE III TOTAL:					6.5	3.0		2.0	1.1				23	4.5	9.5
OVERALL TOTAL:					30.0	5.0	5.0	2.0	3.0	2.5	3.0	10	90	16.5	35.0

- √ Stage Check
- ◆ Course Completion Check

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

STAGE I

STAGE OBJECTIVE

During this stage, the student obtains the foundation for all future aviation training. The student becomes familiar with the training airplane and learns how the airplane controls are used to establish and maintain specific flight attitudes. Ground reference maneuvers are introduced in order to learn methods of controlling wind drift. Emergency procedures, including emergency approach and landing without power, are introduced and reviewed. Basic attitude instrument flight is also introduced. Takeoffs, landings, and operations to and from the practice areas will be reviewed. The stage culminates with a Stage Check in order to assess the student's readiness for solo flight.

STAGE COMPLETION STANDARDS

At the completion of this stage the student shall demonstrate proficiency in basic flight maneuvers and the aeronautical knowledge and ability to fly solo.

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #101			Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		
			Dual	Solo				Night	Day	Ground
Required										1.0
Lesson Total										
Amount Forward										
Total to Date										
Required Total										1.0

LESSON OBJECTIVE:

This briefing will introduce the student to the flight training syllabus, school procedures, and basic aircraft familiarization.

Subject	Grade	Subject	Grade
<i>Introduce</i>		Airplane & Airport Information	
Introduction to syllabus		-Airplane Logbooks	
Safety Practices and Procedures		-Aircraft Certificates & Documents	
-Weather Minimus		-Airplane Systems	
-Starting and Taxi Procedures		-Performance Charts	
-Fire Precautions		-Weight & Balance Data	
-Redispatch Procedure		-TOLD Cards	
-Aircraft Discrepancies		-Fuel Grades	
-Securing of Aircraft		-Airport Markings & Lighting	
-Fuel Reserves Required		-Local Radio Communications	
-Collision Avoidance			
-Minimum Altitude Limitations			
-Location of Practice Areas			
-Aircraft Servicing			
Administrative Procedures			

COMPLETION STANDARDS:

The student should demonstrate a rudimentary understanding of the information presented by answering the instructor's questions.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #102				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0								1		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	1.0								1	1.0	1.0

LESSON OBJECTIVE:

Become familiar with the training aircraft and be introduced to the four fundamentals of flight- straight and level, climbs, turns, and descents.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion		Area Familiarization	
Preflight Inspection		Normal Traffic Pattern, Approach and Landing	
Use of Checklist & Visual Inspection		Post Flight Procedures	
Positive Exchange of Flight Controls			
Collision Avoidance/Visual Scan			
Introduce and Practice		Post Flight Discussion	
		Review Flight	
		Next Assignment	
Engine Start			
Radio Communications			
Taxi and Pre-takeoff Check			
Normal Takeoff			
4 Fundamentals:			
-Straight & Level			
-Shallow and Medium Bank Turns			
-Climbs, with and without Turns			
-Descents, with and without Turns			
-Descents with High and Low Drag Conf.			

COMPLETION STANDARDS:

The student should be familiar with the relevant aircraft checklists and should accomplish all flight maneuvers with instructor assistance.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #103				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0								1		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	2.0								2	1.0	2.0

LESSON OBJECTIVE:

Review the maneuvers introduced in lesson 102 and gain skill in turns and airspeed control. Introduce imminent stalls and flight at minimum controllable airspeed.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion Review</i>		<i>Introduce and Practice</i>	
Visual Scanning	<input type="checkbox"/>	Airspeed Transitions	<input type="checkbox"/>
Positive Exchange of Flight Controls	<input type="checkbox"/>	Flight at Approach Speed	<input type="checkbox"/>
Visual Inspection	<input type="checkbox"/>	Traffic Pattern Operations	<input type="checkbox"/>
Certificates and Documents	<input type="checkbox"/>	Minimum Controllable Airspeed	<input type="checkbox"/>
Airplane Servicing	<input type="checkbox"/>	Power-off Stalls (Imminent)	<input type="checkbox"/>
Airplane Systems	<input type="checkbox"/>		
Engine Starting	<input type="checkbox"/>	<i>Post Flight Discussion</i>	
Radio Communications	<input type="checkbox"/>	Review Flight	<input type="checkbox"/>
Taxi (normal & crosswind)	<input type="checkbox"/>	Next Assignment	<input type="checkbox"/>
Pre-takeoff Check	<input type="checkbox"/>		
Normal Takeoff & Climb	<input type="checkbox"/>		
Collision Avoidance	<input type="checkbox"/>		
4 Fundamentals Including Climbing Turns	<input type="checkbox"/>		
Normal Approach and Landing	<input type="checkbox"/>		
Postflight Procedures	<input type="checkbox"/>		

COMPLETION STANDARDS:

The student should be able to take-off with minimal instructor assistance. The student shall demonstrate increased understanding of coordination and use of controls. Altitude controls in straight and level flight should be $\pm 300'$, heading control ± 30 degrees.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #104				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0								1		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	3.0								3	1.0	3.0

LESSON OBJECTIVE:

Review airspeed control maneuvers. Continue introducing and practicing imminent and full stalls. Introduce slow flight maneuvering and ground reference maneuvers.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Introduce</i>	
		Cockpit Management	
		Spin Awareness	
<i>Review</i>		Power-On Stall (Imminent)	
Visual Inspection		Maneuvering at Slow Flight	
Engine Starting		Power-Off Stall (Imminent) with Bank	
Radio Communications		Tracking Along a Road	
Pre-takeoff Check		Rectangular Course	
Normal Takeoff & Climb		Descents	
Collision Avoidance		-With and Without Turns	
Airspeed Transitions		-Using High and Low Drag Configurations	
Flight at Approach Speed			
Normal Approach and Landing			
Minimum Controllable Airspeed		<i>Post Flight Discussion</i>	
		Review Flight	
		Next Assignment	

COMPLETION STANDARDS:

The student shall perform unassisted normal takeoffs. The student should demonstrate proper radio communication and traffic pattern operation with minimal assistance. The student shall perform preflight inspections without assistance. Altitude control during straight and level flight should be $\pm 250'$. Heading ± 30 degrees. Airspeed ± 20 KIAS.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG	GROUND LESSON #105						Landings		Total Flight	
	Dual	Solo	Cross Country Dual	Cross Country Solo	IFR	ATD	Night	Day		Ground
Required									1.5	
Lesson Total										
Amount Forward										
Total to Date										
Required Total	3.0							3	2.5	3.0

LESSON OBJECTIVE:

The instructor will review aircraft systems including their possible malfunctions. TOLD cards and performance charts will also be reviewed.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Review</i>			
Aircraft Systems			
Power Plant Operation			
Preflight Planning			
Certificates and Documents			
Aircraft V Speeds			
Aircraft Servicing			
Performance Charts			
Weight & Balance			
Radio Communications			
TOLD Cards			
Cockpit Management			
School Safety Procedures and Practices			

COMPLETION STANDARDS:

The student should demonstrate an intermediate level of understanding of the material presented.

REMARKS: _____

 Student Signature

 Instructor Signature

 /
 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #106				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5					1.5					1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	4.5					1.5			3	2.5	4.5

LESSON OBJECTIVE:

Practice the maneuvers and procedures listed for review to gain additional proficiency. Introduce and practice power-off stalls with and without bank, power-on stalls with and without bank and steep turns.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>			
<i>Review</i>		<i>Introduce and Practice</i>	
4 Fundamentals Including Climbing Turns	<input type="checkbox"/>	Maneuvering During Slow Flight	<input type="checkbox"/>
Airspeed Transitions	<input type="checkbox"/>	Power-Off Stalls(full) / Straight & Level	<input type="checkbox"/>
Maneuvering at Slow Flight	<input type="checkbox"/>	Power-On Stalls (full) / Straight & Level	<input type="checkbox"/>
		Power-Off Stalls w/ Bank	<input type="checkbox"/>
		Power-On Stalls w/Bank	<input type="checkbox"/>
		Steep Turns	<input type="checkbox"/>
<i>Post Flight Discussion</i>			
		Review Flight	<input type="checkbox"/>
		Next Assignment	<input type="checkbox"/>

COMPLETION STANDARDS:

The student shall be introduced to recognition and procedures for recovery of full stalls with and without bank. The student should be introduced to steep turns procedures.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #107				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0					1.0					1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	5.5					2.5			3	2.5	5.5

LESSON OBJECTIVE:

Develop proficiency in flight, solely by reference to instruments. Introduce instrument navigation for flights to and from practice areas.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>			
<i>Introduce and Practice</i>		<i>Post Flight Discussion</i>	
Basic Attitude Instrument Flight (IR)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Review Flight	<input type="checkbox"/> <input type="checkbox"/>
Straight and Level		Next Assignment	
Constant Airspeed Climbs			
Constant Airspeed Descents			
Turns to Heading			
Time Turns to Magnetic Compass Headings			
Recovery from Unusual Attitudes			
VOR Orientation and Tracking			

COMPLETION STANDARDS:

The student should be introduced to the concepts of controlling the aircraft solely by reference to the flight instruments. The student should be familiar with the basic radio navigation.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #108				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5				0.5				4		1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	7.0				0.5	2.5			7	2.5	7.0

LESSON OBJECTIVE:

The student will gain proficiency in flying traffic patterns and landings. Cross-wind landings, go-around, and landing slips are introduced. Simulated engine failures in practice area are introduced.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>			
<i>Review</i>		<i>Post Flight Discussion</i>	
Normal Takeoffs and Landings	<input type="checkbox"/>	Review Flight	<input type="checkbox"/>
Ground Reference Maneuvers	<input type="checkbox"/>	Next Assignment	<input type="checkbox"/>
Power-On Stall (full)	<input type="checkbox"/>		
Traffic Pattern Operations	<input type="checkbox"/>		
Wake Turbulence Avoidance	<input type="checkbox"/>		
Crosswind Taxi and Takeoff	<input type="checkbox"/>		
<i>Introduce</i>			
Runway Incursion Avoidance	<input type="checkbox"/>		
Emergency Approach and Landing (sim)	<input type="checkbox"/>		
Go-Arounds from a Rejected Landing	<input type="checkbox"/>		
Forward Slips to Landing	<input type="checkbox"/>		
Crosswind Approach and Landing	<input type="checkbox"/>		

COMPLETION STANDARDS:

The student shall be able to fly specific ground tracks while maintaining altitude within $\pm 200'$. The student should demonstrate a basic understanding of how the side slip is used for crosswind landings, a go-around is initiated, and the procedure for an emergency landing after engine failure.

REMARKS: _____

Student Signature

Instructor Signature

Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #109				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required										1.5	
Lesson Total											
Amount Forward											
Total to Date											
Required Total	7.0				0.5	2.5			7	4.0	7.0

LESSON OBJECTIVE:

The instruction will review the regulations applicable to a student pilot preparing for solo flight including both 14 CFR Part 61 and 91.

LESSON CONTENT													
Subject	Grade	Subject	Grade										
<i>Review</i>													
Regulations Applicable to Student Pilots	<table border="1" style="width: 100px; height: 100px;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>												
-Part 61													
-Part 91													
Student Pilot Limitations													
Endorsements Required for Solo Flight													
System and Equipment Malfunctions													
Airspace													
Radio Communication Failure													
ATC Light Gun Signals													
Inoperative Equipment (min.equip.list)													

COMPLETION STANDARDS:

The student should demonstrate, through oral quizzing, the knowledge necessary for solo flight operations including regulations and limitations.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #110				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5				0.4				5		1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	8.5				0.9	2.5			12	4.0	8.5

LESSON OBJECTIVE:

The student will practice instrument flight maneuvers, takeoffs and landings. The student will be introduced to additional emergency procedures.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Introduce</i>	
		Wind Shear Avoidance	
		Emergency Power Loss Procedures	
		-During Takeoff	
<i>Review</i>		-Initial Climb	
Normal & Crosswind Takeoffs / Landings		-Cruise	
Go-Arounds		-Descent	
Forward Slips to Landing		-Traffic Pattern	
Selected Ground Reference Maneuvers		Emergency Descent	
Emergency App. to Landing (practice area)			
Radio Communication Failure			
System and Equipment Malfunctions			
Basic Attitude Instrument Flight (IR)			
All Normal and Selected Abnormal ATC Com.		<i>Postflight</i>	
		Review Flight	
		Next Assignment	

COMPLETION STANDARDS:

The student should demonstrate increased skill in instrument scan and interpretation during instrument flight. Landings and go-around should be performed with minimal instructor guidance. Tower communications should be accomplished with minimal instructor guidance. Altitude \pm 150', Heading \pm 15 degrees, Airspeed \pm 15 KIAS.

REMARKS: _____

Student Signature

Instructor Signature

Print Name

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Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #111				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0								8		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	9.5				0.9	2.5			20	4.0	9.5

LESSON OBJECTIVE:

The objective of this lesson and the next is to continue the development of proficiency in normal takeoffs, traffic patterns, and landings.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>			
<i>Review</i>			
Normal and Crosswind Takeoffs			
Emergency Approach and Landing			
Go-Arounds			
Forward Slips to a Landing			
Radio Communications			
Windshear Avoidance			
Normal and Crosswind Landings			
<i>Post Flight Discussion</i>			
Review Flight			
Next Assignment			

COMPLETION STANDARDS:

The student should demonstrate proficiency in normal landings with no minimal instructor assistance. Improved judgment making go-around and emergency decisions should be evidenced.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

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Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #112				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0								8		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	10.5				0.9	2.5			28	4.0	10.5

LESSON OBJECTIVE:

During this lesson, the student will review and practice basic attitude instrument flight and navigation to increase proficiency in preparation for the first stage check.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>			
<i>Review</i>			
Normal and Crosswind Takeoffs			
Emergency Approach and Landing			
Go-Arounds			
Forward Slips to a Landing			
Radio Communications			
Windshear Avoidance			
Normal and Crosswind Landings			
<i>Post Flight Discussion</i>			
Review Flight			
Next Assignment			

COMPLETION STANDARDS:

The student should demonstrate proficiency in normal and crosswind landings with no or minimal instructor assistance. The student should demonstrate sound judgment regarding go-around and emergency operations. Traffic pattern altitude shall be maintained $\pm 150'$, Headings ± 15 degrees, and airspeed ± 10 knots.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #113				Total Flight
	Dual	Solo	Cross Country Dual	Solo	IFR	ATD	Night	Landings Night Day		Ground	
Required	1.0								6		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	11.5				0.9	2.5			34	4.0	11.5

LESSON OBJECTIVE:

Continue increasing the student's proficiency in normal and crosswind takeoffs and landings.
 Introduced the student to no flap landings, short-field takeoffs and landings.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Post Flight Discussion</i>	
		Review Flight	
		Next Assignment	
Review			
Normal and Crosswind Takeoffs			
Emergency Approach and Landing			
Go-Arounds			
Forward Slips to a Landing			
Normal and Crosswind Landings			
Introduce			
Appropriate Performance Charts			
No Flap Landings			
Land and Hold Short Operations (LAHSO)			

COMPLETION STANDARDS:

The student should demonstrate proficiency in normal and crosswind landings with no or minimal instructor assistance.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

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Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #114				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0								6		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	12.5				0.9	2.5			40	4.0	12.5

LESSON OBJECTIVE:

Continue increasing the student's proficiency in normal and crosswind takeoffs and landings.
 Introduced the student to no flap landings, short-field takeoffs and landings.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Post Flight Discussion</i>	
		Review Flight	
		Next Assignment	
Review			
Normal and Crosswind Takeoffs			
Emergency Approach and Landing			
Go-Arounds			
Forward Slips to a Landing			
Normal and Crosswind Landings			
Introduce			
No Flap Landings			

COMPLETION STANDARDS:

The student should demonstrate proficiency in normal and crosswind landings with no or minimal instructor assistance.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

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Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #115			Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		
			Dual	Solo				Night	Day	Ground
Required										1.0
Lesson Total										
Amount Forward										
Total to Date										
Required Total	12.5				0.9	2.5			40	5.0

LESSON OBJECTIVE:

The instructor will review the regulations applicable to a student pilot preparing for solo flight including both 14 CFR Part 61 and 91. Aircraft systems including their possible malfunctions, TOLD cards and performance charts will be discussed.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Review</i>		Radio Communications	
Regulations Applicable to Student Pilots		TOLD Cards	
-Part 61		Cockpit Management	
-Part 91		School Safety Procedures and Practices	
Student pilot limitations		PRE-SOLO KNOWLEDGE TEST	
Endorsements Required for Solo Flights			
Systems and Equipment Malfunctions			
Airspace			
Radio Communication Failure			
ATC Light Gun Signals			
Inoperative Equipment (min. equip. list)			
Aircraft Systems			
Certificates and Documents			
Aircraft V Speeds			
Aircraft Servicing			
Performance Charts			
Weight & Balance			

COMPLETION STANDARDS:

The student shall demonstrate through the pre-solo knowledge test and oral briefing the aeronautical knowledge necessary for solo flight operations, including regulation limitations, aircraft procedures, and systems. *The instructor should place endorsements in student log book.*

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #116				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0				0.1				3		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	13.5				1.0	2.5			43	5.0	13.5

LESSON OBJECTIVE:

Review all basic maneuvers with concentration on preparing student for stage check and solo flight.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Post Flight Discussion</i>	
		Review Flight	
		Next Assignment	
Review			
Ground Reference Maneuvers			
Emergency Operations			
Steep Turns			
Stalls			
Maneuvering during slow flight			
Basic Attitude Instrument Flight (IR)			
Emergency Descent			
Normal and Crosswind Takeoffs			
Normal and Crosswind Landings			
Forward Slip to a Landing			

COMPLETION STANDARDS:

This lesson is complete when the instructor has determined that the student is ready for solo flight in normal and routine crosswind situations. The instructor's signature below indicates that the student is considered ready for solo flight. It also indicates that the student and their records are prepared for the Stage I Check.

REMARKS: _____

Student Signature

Instructor Signature

Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG	STAGE I CHECK						FLIGHT LESSON #117				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0				0.1				2	1.0	1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	14.5				1.1	2.5			45	6.0	14.5

LESSON OBJECTIVE:

This stage check, conducted by the Chief Flight Instructor or Assistant Chief Flight Instructor, will evaluate the student's readiness for solo flight. Both the student's aeronautical knowledge and flight proficiency will be assessed. Any deficiencies identified must be corrected prior to solo flight.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion (Oral)		Maneuvering During Slow Flight	
Pertinent Sections of 14 CFR Parts 61 and 91		Selected Stall (full)	
Safety Procedures and Practices		Selected Ground Reference Maneuver	
Certificates and Documents		Basic Attitude Instrument Flight (IR)	
Operation of Systems		Traffic Patterns	
Wake Turbulence Avoidance		Normal and Crosswind Landings & Go-Around	
Inoperative Equipment		Postflight Procedures	
Performance and Limitations			
Review (Flight)		Post Flight Discussion	
Preflight Inspection		Review Flight	
Cockpit Management		Next Assignment	
Engine Starting			
Radio Communication			
Taxiing & Before Takeoff Check			
Normal and Crosswind Takeoff			
Emergency Procedures			

COMPLETION STANDARDS:

Stage I is complete upon demonstration that the student has sufficient aeronautical knowledge & skill to safely conduct solo flight. Altitude $\pm 150'$, Airspeed ± 10 KIAS, Heading ± 15 Degrees

REMARKS: _____

Student Signature

Instructor Signature

Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
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STAGE II

STAGE OBJECTIVE

This stage allows the student to expand the skills learned previously. The stage begins with the student's first solo flight. The student will continue to develop proficiency in short-field and soft-field takeoff and landing procedures. Additionally, greater emphasis is placed on attitude control by instrument references to increase the student's skill and safety. In the cross-country phase, the student will learn how to plan and conduct cross-country flights using pilotage, dead reckoning, and radio navigation, and to conduct safe flights in the national airspace system. Night flight operations, including takeoffs, landings, and cross-country flight, are introduced and practiced. This stage concludes with a Stage Check in order to assess the student's readiness for safe solo cross-country flight.

STAGE COMPLETION STANDARDS

This stage is complete when the student can accurately plan and conduct cross-country flights. In addition, the student will have the proficiency to safely demonstrate consistent results in short-field and soft-field takeoffs and landings. Night flight operations shall be conducted at the proficiency level of a Private Pilot.

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DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #118				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	0.5	0.5							6		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	15.0	0.5			1.1	2.5			51	6.0	15.5

LESSON OBJECTIVE:

This lesson begins with additional dual instruction to ascertain that under the current conditions the student is ready for the first solo, and concludes with that solo flight.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion		Post Flight Discussion	
Review (Dual)		Review Flight	
Normal and Crosswind Takeoffs		Next Assignment	
Go-Arounds			
Traffic Pattern Procedures			
Forward Slip to Landing			
Normal and Crosswind Landings			
Postflight Procedures			
Supervised Solo			
Normal or Crosswind Takeoffs			
Climbs: Best Rate (Vy) & Best Angle (Vx)			
Traffic Pattern			
Normal or Crosswind Landings			
3 Takeoffs & Landings to Full Stop at a Airport with an Operating Control Tower			

COMPLETION STANDARDS:

This lesson is complete after the student safely and successfully completes the first solo flight. The student shall exhibit good judgment at all times while in solo flight.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

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Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #119				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	0.5	0.5							6		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	15.5	1.0			1.1	2.5			57	6.0	16.5

LESSON OBJECTIVE:

This second supervised solo flight will increase the student's confidence and ability in traffic pattern operation. The lesson begins with additional dual instruction including pattern entry and departure procedures.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Supervised Solo</i>	
<i>Review (Dual)</i>		Normal or Crosswind Takeoffs	
Normal and Crosswind Takeoffs		Traffic Pattern	
Go-Arounds		Normal or Crosswind Landings	
Practice Area: Maneuvers as assigned and Listed by Instructor:		Judgment	
Traffic Pattern Procedures		<i>Post Flight Discussion</i>	
Forward Slips to a Landing		Review Flight	
Normal and Crosswind Landings		Next Assignment	
Postflight Procedures			

COMPLETION STANDARDS:

This lesson is complete after the student safely and successfully completes the second solo flight. The student shall exhibit good judgment at all times while in solo flight. Improved performance should be noted between the first and second solo flights.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

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DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #120			Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		
			Dual	Solo				Night	Day	Ground
Required										1.5
Lesson Total										
Amount Forward										
Total to Date										
Required Total	15.5	1.0			1.1	2.5			57	7.5

LESSON OBJECTIVE:

During this briefing, the student will be introduced to VFR cross-country planning, including weather, airspace, and regulations applicable to cross-country flight.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Introduce</i>		-Turbulence	
Cross-Country Operations		-Thunderstorms	
-Weather Information		-Icing Conditions	
-Notams, AIM, AFD		-Lost Procedures	
-Flight Planning & Nav Logs		-Low Fuel	
-Filing, Opening & Closing a Flight Plan		-Radio Failure	
-Use of Comm & Nav Radios		-Instrument Failure	
-Enroute Communication		-Other Malfunctions	
-National Airspace System		Recognition, Avoidance, and Operational	
-VFR Weather Minimums		Restrictions of Hazardous Terrain Features in	
-Required Endorsements		The Geographical Area where Cross-Countries	
-Diversion Procedures		Will Be Flown	
Cross-Country Emergencies			
- Adverse Weather			
-Visibility			
-Ceilings			
-Wind			

COMPLETION STANDARDS:

This lesson is complete when the student has been introduced to cross-country planning and procedures and can plan a cross-country flight with instructor assistance.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #121				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required		1.0							3		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	15.5	2.0			1.1	2.5			60	7.5	17.5

LESSON OBJECTIVE:

This is the student's first solo flight outside the local traffic pattern. The student will gain proficiency and confidence through review of the specified maneuvers.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion		Rectangular Course	
Review Assigned Maneuvers		Turns Around a Point	
Review Practice Areas		S-Turns Across a Road	
Review Weather Limitations		Postflight Procedures	
Review Current Weather			
Review Emergency Procedures			
Review Communication Procedures			
Solo Flight		Post Flight Discussion	
(Instructor will strike through any maneuvers listed, but not assigned)		Review Flight	
		Next Assignment	
Normal or Crosswind Takeoffs and Landings			
Maneuvering During Slow Flight			
Power-Off Stalls			
Power-On Stalls			
Steep Turns			

COMPLETION STANDARDS:

This lesson is complete after the student safely and successfully completes the first solo flight outside the local traffic pattern. The student shall exhibit good judgment at all times while in solo flight. Through oral debriefing, the instructor will determine that all assigned maneuvers were satisfactorily completed.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #122			Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		
			Dual	Solo				Night	Day	Ground
Required										1.5
Lesson Total										
Amount Forward										
Total to Date										
Required Total	15.5	2.0			1.1	2.5			60	9.0

LESSON OBJECTIVE:

During this briefing, the student will review VFR cross-country planning, including weather, airspace, and regulations applicable to cross-country flight.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Review</i>		-Turbulence	
Cross-Country Operations		-Thunderstorms	
-Weather Information		-Icing Conditions	
-Notams, AIM, AFD		-Lost Procedures	
-Flight Planning & Nav Logs		-Low Fuel	
-Filing, Opening & Closing a Flight Plan		-Radio Failure	
-Use of Comm & Nav Radios		-Instrument Failure	
-Enroute Communication		-Other Malfunctions	
-National Airspace System			
-VFR Weather Minimums			
-Required Endorsements			
-Diversion Procedures			
Cross-Country Emergencies			
- Adverse Weather			
-Visibility			
-Ceilings			
-Wind			

COMPLETION STANDARDS:

The student should demonstrate through oral quizzing a satisfactory knowledge of cross-country planning and procedures. With minimal instructor assistance, the student should plan an actual cross-country flight to be used in conjunction with Flight Lesson 123.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #123				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5		1.5						2	0.5	1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	17.0	2.0	1.5		1.1	2.5			62	9.5	19.0

LESSON OBJECTIVE:

Introduce the student to cross-country flight procedures with landings at one uncontrolled airport. Increase the student's ability to navigate by means of pilotage and dead-reckoning. Increase the student's proficiency in the specialty takeoffs and landings.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>			
		Diversion Procedures	
Weather Factors		Lost Procedures	
Cross-Country Flight Planning		Route:	
Airspace		Departure:	
Weight and Balance		Unfamiliar Airport:	
Performance and Limitations			
Nav. Logs and Flight Plan			
Cockpit Management			
Diversion and Lost Procedures			
Land and Hold Short Operations (LAHSO)			
<i>Post Flight Discussion</i>			
		Review Flight	
<i>Introduce</i>			
Short-Field Takeoffs		Review Nav Log	
Short-Field Landing		Next Assignment	
Pilotage and Dead-Reckoning			
Completing Navigation Log			
Opening and Closing Flight Plan			
Unicom Operations			

COMPLETION STANDARDS:

The student should complete the cross-country planning with minimal instructor assistance. With instructor assistance and maximum student participation, the cross-country flight including a landing at an airport more than 50NM from the departure airport must be completed. During cross-country: Altitude $\pm 300'$ and Heading ± 20 Degrees.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #124				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	2.0		2.0		0.2				3		2.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	19.0	2.0	3.5		1.3	2.5			65	9.5	21.0

LESSON OBJECTIVE:

Improve the student's ability to plan and fly a cross-country flight. Increase the student's ability to navigate using VORs. Increase the student's proficiency in specialty takeoffs and landings.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion			
		Diversion Procedures	
Weather Factors		Lost Procedures	
Cross-Country Flight Planning		Route:	
Airspace		Departure:	
Weight and Balance		Unfamiliar Airport:	
Performance and Limitations		Unfamiliar Airport:	
Nav. Logs and Flight Plan			
Cockpit Management			
Diversion and Lost Procedures			
Post Flight Discussion			
Introduce			
		Review Flight	
Short-Field Takeoffs		Review Nav Log	
Short-Field Landing		Next Assignment	
Pilotage and Dead-Reckoning			
Completing Navigation Log			
Opening and Closing Flight Plan			
Unicom Operations			

COMPLETION STANDARDS:

The student shall complete the cross-country planning with minimal instructor assistance. With minimal instructor assistance, the cross-country flight including 2 unfamiliar airports more than 50 NM from the departure airport must be completed. During cross-country: Altitude $\pm 250'$, Heading ± 20 Degrees, Position ± 5 NM, ETA ± 7 minutes.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

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Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #125				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo			Night	Night	Day		
Required	1.5				0.1		1.5	5		0.5	1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	20.5	2.0	3.5		1.4	2.5	1.5	5	65	10.0	22.5

LESSON OBJECTIVE:

Introduce to the operational aspects of night flight. Emphasis will be placed on the additional planning necessary when operating at night. The flight will consist of both traffic pattern and practice area operations.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Preflight Discussion</i>		<i>Post Flight Discussion</i>	
Night Aeromedical Factors	<input type="checkbox"/>	Review Flight	<input type="checkbox"/>
Flight Planning Considerations	<input type="checkbox"/>	Next Assignment	<input type="checkbox"/>
Preparation and Equipment	<input type="checkbox"/>		
Collision Avoidance	<input type="checkbox"/>		
<i>Introduce and Practice</i>			
Normal Takeoff and Landing	<input type="checkbox"/>		
Basic Attitude Instrument Flight (IR)	<input type="checkbox"/>		
Power-Off Stalls	<input type="checkbox"/>		
Power-On Stalls	<input type="checkbox"/>		
Steep Turns	<input type="checkbox"/>		
Maneuvering During Slow Flight	<input type="checkbox"/>		
Sim Electrical Failure	<input type="checkbox"/>		

COMPLETION STANDARDS:

The student must complete at least 5 takeoffs and landings at night to a Full Stop. By the conclusion of the lesson, these landings shall be safely conducted and unassisted by the instructor.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #126				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required										1.0	
Lesson Total											
Amount Forward											
Total to Date											
Required Total	20.5	2.0	3.5		1.4	2.5	1.5	5	65	11.0	22.5

LESSON OBJECTIVE:

During this briefing, the student will review VFR cross-country planning, including weather, airspace, and regulations applicable to cross-country flight.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Review</i>			
Cross-Country Operations		-Turbulence	
-Weather Information		-Thunderstorms	
-Notams, AIM, AFD		-Icing Conditions	
-Flight Planning & Nav Logs		-Lost Procedures	
-Filing, Opening & Closing a Flight Plan		-Low Fuel	
-Use of Comm & Nav Radios		-Radio Failure	
-Enroute Communication		-Instrument Failure	
-National Airspace System		-Other Malfunctions	
-VFR Weather Minimums			
-Required Endorsements			
-Diversion Procedures			
Cross-Country Emergencies			
- Adverse Weather			
-Visibility			
-Ceilings			
-Wind			

COMPLETION STANDARDS:

The student shall demonstrate through oral quizzing a satisfactory knowledge of cross-country planning and procedures. With no instructor assistance, the student shall plan an actual cross-country flight.

REMARKS: _____

Student Signature

Instructor Signature

Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #127				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5		1.5		0.2		1.5	5			1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	22.0	2.0	5.0		1.6	2.5	3.0	10	65	11.0	24.0

LESSON OBJECTIVE:

Increase the student's night flying and cross-country proficiency. This night cross-country must be more than 100 NM total distance. This lesson satisfies the requirements of 14 CFR Part 141 Appendix B 4 (b)(1)(ii)(A).

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion			
Weather Factors		Diversion Procedures	
Cross-Country Flight Planning		Lost Procedures	
Airspace		Basic Attitude Instrument Flight (IR)	
Weight and Balance		Unusual Attitude Recovery (IR)	
Performance and Limitations		Route:	
Nav. Logs and Flight Plan		Departure:	
Cockpit Management		Unfamiliar Airport:	
Diversion and Lost Procedures		Unfamiliar Airport:	
Post Flight Discussion			
Review (Night)		Review Flight	
Short-Field Takeoffs		Review Nav Log	
Short-Field Landing		Next Assignment	
Pilotage and Dead-Reckoning			
Completing Navigation Log			
Opening and Closing Flight Plan			
Unicom Operations			

COMPLETION STANDARDS:

This student must complete 5 takeoffs and landings at night to a Full Stop with no assistance from the instructor. Cross-Country planning must be accurate and complete.

REMARKS: _____

Student Signature

Instructor Signature

Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG	STAGE II CHECK						FLIGHT LESSON #128				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5				0.3				2	1.0	1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	23.5	2.0	5.0		1.9	2.5	3.0	10	67	12.0	25.5

LESSON OBJECTIVE:

This stage check conducted by a designated Check Instructor will evaluate the student's ability to safely conduct solo cross-country flight operations. Additionally, the student's proficiency in conducting short-field & soft-field operations lesson will be assessed. This lesson completes Stage II.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Preflight Discussion (Oral)		Flight Evaluation	
Part 61 & 91		Preflight Inspection	
-Role of PIC		Airworthiness Requirements	
-Airworthiness of A/C and Pilot		Cockpit Organization	
-Certificates and Documents		Check List Usage / Flow	
Airspace Rules and Procedures		Normal Takeoff and Landing	
-Class A,B,C,D,E,G		Navigation	
-Aircraft Requirements for Diff Airspace		Diversion	
-Pilot Requirements for Diff Airspace		Instrument Flight	
-Clearances and Standards Procedures		Emergencies	
Flight Characteristics & Operating Limits		Short Field Takeoff	
-Weight and Balance		Short Field Landing	
-Performance		Soft Field Landing	
Cross-Country Planning		Soft Field Takeoff	
Weather Information			
		Post Flight Discussion	
		Review Stage Check	

COMPLETION STANDARDS:

The student shall demonstrate the ability to plan and safely conduct cross-country flights. During the flight the student shall demonstrate proper navigation procedures. During cross-country: Altitude $\pm 200'$, Heading ± 15 Degrees, Position within 5 NM, and ETA within 5 minutes. Diversion procedures including pattern entry and departure at an unfamiliar airport will be conducted safely and correctly.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

STAGE III

STAGE OBJECTIVE

During this stage, the student will gain proficiency in solo cross-country operations and will receive instruction in preparation for the course completion check.

STAGE COMPLETION STANDARDS

This stage will be complete when the student demonstrates performance of each private pilot area of operation and task to a standard that meets or exceeds the minimum performance criteria of the current practical test standards for a private pilot certificate with an airplane category rating and single-engine land class rating.

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #129				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required		2.0		2.0					3		2.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	23.5	4.0	5.0	2.0	1.9	2.5	3.0	10	70	12.0	27.5

LESSON OBJECTIVE:

The student will use the previously learned cross-country skills on a solo flight. The flight will increase the student's proficiency and confidence.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Solo Flight		VFR Cross-Country, > 100NM (Enter Below):	
Cross-Country Planning		Landings at 3 Points on Leg >50NM	
Weight & Balance		Route:	
Fuel Requirements			
Charts & Publications		Landings at:	
Performance & Limitations			
FAA Flight Plan			
Radio Navigation			
Pilotage		Secondary Route:	
Dead Reckoning			
Operations at Unfamiliar Airports		Landings at:	
Groundspeed Estimates			
Estimating ETAs			
Normal or Crosswind Takeoffs and Landings			
Post Flight Discussion			

COMPLETION STANDARDS:

The student shall adequately plan and safely conduct solo cross-country operations using the three methods of navigation. This flight shall satisfy the requirements of 14 CFR Part 141 Appendix B 5 (a)(1).

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #130				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required										2.0	
Lesson Total											
Amount Forward											
Total to Date											
Required Total	23.5	4.0	5.0	2.0	1.9	2.5	3.0	10	70	14.0	27.5

LESSON OBJECTIVE:

During this lesson, the student will prepare for Practical Test Procedures.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Review</i>		Night Preparation	
Practical Test Standards		Night Flight	
Certificates and Documents		Wake Turbulence Avoidance	
Aircraft Maintenance Records		Low Level Windshear	
Required Maintenance		Checklist Usage / Cockpit Management	
Aircraft Performance and Limitations		Emergency Equipment and Survival Gear	
Inoperative Equipment / Min. Equip. List			
Weight and Balance			
National Airspace System			
Charts and Publications			
Weather Information			
Cross-Country Flight Planning			
Regulations (14 CFR Parts 61 and 91)			
-including currency requirements			
Aircraft Systems / Malfunctions			
Aeromedical Factors			
Spatial Disorientation			

COMPLETION STANDARDS:

All areas listed shall be reviewed. Any deficiencies noted shall be assigned for study prior to Briefing 133.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #132				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.0				0.2				3		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	25.5	4.0	5.0	2.0	2.3	2.5	3.0	10	76	14.0	29.5

LESSON OBJECTIVE:

The instructor will review and evaluate the student's proficiency to determine performance areas which need additional solo or dual practice.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Review		Instrument Maneuvers as Determined	
Takeoffs and Landings as Determined:			
		Emergency Maneuvers as Determined	
Ground Reference Maneuvers as Determined:			
Airwork Maneuvers as Determined			
		Post Flight Discussion	
		Review Flight	
		Next Assignment	

COMPLETION STANDARDS:

Each maneuver should be performed at the proficiency level of a private pilot. Maneuvers requiring additional practice shall be assigned for solo practice.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							GROUND LESSON #133				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required										1.0	
Lesson Total											
Amount Forward											
Total to Date											
Required Total	25.5	4.0	5.0	2.0	2.3	2.5	3.0	10	76	15.0	29.5

LESSON OBJECTIVE:

During this lesson, the instructor will evaluate the student's knowledge of appropriate private pilot subjects.

LESSON CONTENT			
Subject	Grade	Subject	Grade
		<i>Review</i>	
Practical Test Standards		Night Preparation	
Certificates and Documents		Night Flight	
Aircraft Maintenance Records		Wake Turbulence Avoidance	
Required Maintenance		Low Level Windshear	
Aircraft Performance and Limitations		Checklist Usage / Cockpit Management	
Inoperative Equipment / Min. Equip. List		Emergency Equipment and Survival Gear	
Weight and Balance			
National Airspace System		<i>Introduce</i>	
Charts and Publications		Application (8710)	
Weather Information		Practical Test Checklist (PTS)	
Cross-Country Flight Planning		Practical Test Procedures	
Regulations (14 CFR Parts 61 and 91)			
-including currency requirements			
Aircraft Systems / Malfunctions			
Aeromedical Factors			
Spatial Disorientation			

COMPLETION STANDARDS:

Through oral questioning the instructor shall determine that all knowledge areas meet Private Pilot Practical Test Standards.

REMARKS: _____

 Student Signature

 Instructor Signature

 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #134				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required		1.0							4		1.0
Lesson Total											
Amount Forward											
Total to Date											
Required Total	25.5	5.0	5.0	2.0	2.3	2.5	3.0	10	80	15.0	30.5

LESSON OBJECTIVE:

The student will practice flight maneuvers with special emphasis on improving performance in any weak areas in preparation for the final stage check. Additional confidence will be gained in solo operations.

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Review</i>			
Short-Field Takeoff			
Soft-Field Takeoff			
Crosswind Takeoff			
Rectangular Course			
S-Turns Across a Road			
Maneuvering During Slow Flight			
Power-On Stalls			
Short-Field Landing			
Soft-Field Landing			
Crosswind Landing			
Additional Maneuvers Assigned by Instructor			

COMPLETION STANDARDS:

This lesson is complete when the student accomplishes all required maneuvers including those areas assigned by the instructor.

REMARKS: _____

Student Signature

Instructor Signature

/ _____
Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #135				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5				0.3				4		1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	27.0	5.0	5.0	2.0	2.6	2.5	3.0	10	84	15.0	32.0

LESSON OBJECTIVE:

The instructor will review each of the listed areas of operation to determine the student's ability to perform at a private pilot level

LESSON CONTENT			
Subject	Grade	Subject	Grade
<i>Areas of Operations</i>		Performance Maneuver	
Preflight Procedures		-Steep Turns	
-Preflight Inspection		Ground Reference Maneuvers	
-Cockpit Management		-S-Turns Across a Road	
-Engine Starting		-Turns Around a Point	
-Taxiing		-Rectangular Course	
-Before Takeoff Check		Navigation	
Airport Operations		-Pilotage, Dead Reckoning, VOR	
-Radio Com. & ATC Light Gun Signals		-Diversion / Lost Procedures	
-Traffic Patterns		Slow Flight	
-Airport & Runway Markings and Lighting		Power-On Stalls	
Takeoffs, Landings, and Go-Arounds		Power-Off Stalls	
-Normal & XW Takeoffs and Landings		Basic Attitude Instrument Flight	
-Soft Field Takeoffs and Landing		Emergency Operations	
-Short Field Takeoffs and Landing		Post Flight Procedures	
-Forward Slip to Landing			
-Go-Around			

COMPLETION STANDARDS:

The student shall demonstrate proficiency that meets or exceeds the standard of performance outlined in the current FAA Private Practical Test Standards.

REMARKS: _____

 Student Signature

 Instructor Signature

/ _____
 Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG							FLIGHT LESSON #136				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5				0.2				3		1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	28.5	5.0	5.0	2.0	2.8	2.5	3.0	10	87	15.0	33.5

LESSON OBJECTIVE:

During this lesson the student will be asked to demonstrate private pilot proficiency in all areas of operation.

LESSON CONTENT			
Subject	Grade	Subject	Grade
Areas of Operations		Performance Maneuver	
Preflight Procedures		-Steep Turns	
-Preflight Inspection		Ground Reference Maneuvers	
-Cockpit Management		-S-Turns Across a Road	
-Engine Starting		-Turns Around a Point	
-Taxiing		-Rectangular Course	
-Before Takeoff Check		Navigation	
Airport Operations		-Pilotage, Dead Reckoning, VOR	
-Radio Com. & ATC Light Gun Signals		-Diversion / Lost Procedures	
-Traffic Patterns		Slow Flight	
-Airport & Runway Markings and Lighting		Power-On Stalls	
Takeoffs, Landings, and Go-Arounds		Power-Off Stalls	
-Normal & XW Takeoffs and Landings		Basic Attitude Instrument Flight	
-Soft Field Takeoffs and Landing		Emergency Operations	
-Short Field Takeoffs and Landing		Post Flight Procedures	
-Forward Slip to Landing			
-Go-Around			

COMPLETION STANDARDS:

The student shall demonstrate proficiency that meets or exceeds the standard of performance outlined in the current FAA Private Practical Test Standards. Any areas deficient require further instruction until those standards are met.

REMARKS: _____

Student Signature

Instructor Signature

Print Name

TECH AVIATION FLIGHT SCHOOL, INC.
Private Pilot Certification Course-ASEL Flight Training Syllabus

DATE: ___ / ___ / _____

GRADE: _____

AIRCRAFT MODEL: _____

N _____

TIME LOG	STAGE/END-OF-COURSE CHECK						FLIGHT LESSON #137				Total Flight
	Dual	Solo	Cross Country		IFR	ATD	Night	Landings		Ground	
			Dual	Solo				Night	Day		
Required	1.5				0.2				3	1.5	1.5
Lesson Total											
Amount Forward											
Total to Date											
Required Total	30.0	5.0	5.0	2.0	3.0	2.5	3.0	10	90	16.5	35.0

LESSON OBJECTIVE:

This stage check / End-of-Course Test will be conducted by the Chief or Assistant Chief Flight Instructor, or Check Instructor. The student will be asked to perform each of the areas of operation in the current Private Pilot Practical Test Standards.

		LESSON CONTENT	
Subject	Grade	Subject	Grade
Areas of Operations		-Go-Around	
Preflight Preparation		Performance Maneuver	
-Certificates and Documents		-Steep Turns	
-Weather Information		Ground Reference Maneuvers	
-Cross-Country Flight Planning		-S-Turns Across a Road	
-National Airspace System		-Turns Around a Point	
-Performance and Limitations		-Rectangular Course	
-Operation of Systems		Navigation	
-Minimum Equipment List		-Pilotage, Dead Reckoning	
-Aeronautical Factors		-Instrument Navigation	
Preflight Procedures		-Diversion	
-Preflight Inspection		-Lost Procedures	
-Cockpit Management		Slow Flight and Stalls	
-Engine Starting		-Power-Off Stalls	
-Taxiing		-Power-On Stalls	
-Before Takeoff Check		-Spin Awareness	
Airport Operations		Basic Attitude Instrument Flight	
-Radio Com. & ATC Light Gun Signals		-Straight and Level	
-Traffic Patterns		-Constant Airspeed Climbs and Descents	
-Airport & Runway Markings and Lighting		-Turns to a Heading	
Takeoffs, Landings, and Go-Arounds		-Recovery from Unusual Attitudes	
-Normal & Crosswind Takeoff and Climb		Emergency Operations	
-Normal & Crosswind Landings		-Emergency Descent	
-Soft Field Takeoff and Climb		-Emergency App and Landing	
-Soft Field Landing		-System Malfunctions	
-Short Field Takeoff and Climb		Night Operations	
-Short Field Landing		Post Flight Procedures	
-Forward Slip to Landing		-After Landing	

This is to Certify That

_____ is enrolled in the
Federal Aviation Administration
Approved 141 _____ Course
conducted by Tech Aviation Flight School, Inc..

Enrollment Date

Chief Flight Instructor

This is to Certify That

_____ has successfully completed all stages, tests, and
course requirements and has graduated from the
Federal Aviation Administration
Approved 141 _____ Course
conducted by Tech Aviation Flight School, Inc..

The graduate has completed the cross-country training specified in FAR Part 141.

- ___ Private Pilot Certificate Course- Appendix B, Paragraph 4 and 5
- ___ Instrument Rating Course- Appendix C, Paragraph 4(c)(1)(ii)
- ___ Commercial Pilot Certification Course- Appendix D, paragraphs 4 and 5
- ___ Other: _____

I certify the above statements are true.

Chief Instructor
School Certificate # TVMS 353S

_____/_____/_____