# PRESOLOWRITEN

EXAM





JEPPESEN.
Sanderson Training Products

PRESOLO EXAM RECORD
Pilot's Name
Aircraft Make and Model
Date of Written Exam
Date of Exam Critique
Instructor's Signature



Sanderson Training Products

# PRESOLO WRITTEN EXAM

# INTRODUCTION

As specified in 14 CFR Part 61, you must demonstrate satisfactory knowledge of appropriate portions of FAR Parts 61 and 91 to an authorized instructor. This demonstration must include the satisfactory completion of a written examination to be administered and graded by the instructor who endorses your student pilot certificate for solo flight. In addition to questions on the applicable regulations, the written exam must include questions on the flight characteristics and operational limitations for the make and model aircraft to be flown.

Advisory Circular 61-101, Presolo Written Test, indicates that you also should have adequate knowledge to operate safely during solo flight in your local training environment. If the surrounding area includes controlled airspace, such as Class B, C, D, or E airspace, you may be asked to answer appropriate questions on operations in these areas.

#### PRESOLO WRITTEN EXAM

This exam contains a total of 50 questions — 20 general questions, 10 aircraft questions, and 20 airport and airspace questions. Normally, the general and aircraft questions apply to all students; however, some of the airport and airspace questions may not be applicable. Flight instructors who administer this test may add or delete questions as necessary to make the exam more appropriate to your training aircraft and the surrounding flight environment.

#### **GENERAL QUESTIONS**

Instructions: All students should answer the general questions.

1.	What personal documents and endorsements are you required to have before you fly solo?
	If an admeter setting is hot available at an airport, what anting should you use before departing on a local high?  artist bases exists terby no has stight SEV yet not exceed but a sureless with all tadily.
2.	What are your student pilot limitations regarding carriage of passengers or cargo and flying for compensation or hire?
	10. A transponder with Mode D is required at all-times in all-airspace at and above



Explain student pilot limitations concerning visibility and flight above clouds.
AX3
Who has the final authority and responsibility for the operation of the aircraft when you are flying solo?
As specified in 14 CER Part 61, you must demonstrate satisfactory longwiedge of appropriations of FAR Parts 61 and 91 to an authorized instructor. This demonstration must in
Discuss what preflight action concerning the airport and aircraft performance is specified in the regulations for a local flight.
Advisory Circular of 101, Praedo Written Test, Indicates that you also should just a adequate knowledge to also should just a adequate knowledge to also safely during spio flight in your local crathing environment, if the surrounding area includes control expers, such as Crase B, C, D, or C alsepace, you may be as so onewer appropriate quasitors on open
During engine run up, you cause rocks, debris, and propeller blast to be directed toward another aircraft or person. Could this be considered careless or reckless operation of an aircraft?
You may not fly as pilot of a civil aircraft within hours after consumption of any alcoholic beverage, or while you have% by weight or more alcohol in your blood.
What are the general requirements pertaining to the use of safety belts and shoulder harnesses?
What personal documents and endorsements are you required to have belied file solo?
What is the minimum fuel reserve for day VFR flight, and on what cruise speed is the fuel reserve based?
2. What are your student pilot limitations regarding carriage of passengers or carg
A transponder with Mode C is required at all times in all airspace at and above feet MSL, excluding that airspace at and below feet AGL.



11.	What aircraft certificates and documents must be on board when you are flying solo?
	must allow a recovery to be completed no lower than feet AGL
	R—
	R— total usable feel capacity for sour affects to a gallons. On a stendent tigy
	O— i curpxin de la compania del compania de la compania de la compania del compania de la compania del compania del compania de la compania del
	20. Vynat general steps should you tokow arter an engine fallure in riight?  — W
12.	No person may operate an aircraft so close to another aircraft as to create a(n)
13.	Who has the right-of-way when two aircraft are on final approach to land at the same time?
	AIRCHAFT QUESTIONS
14.	What action do you need to take if you are overtaking another aircraft and which aircraft has the right-of-way? What should you do if you are flying a head-on collision course with another aircraft? If another single-engine aircraft is converging from the right, who has the right-of-way?
	when to you use calculations or What are the Indicators of calculation of property and the Vegoed deligibles and the corresponding specific property and the Vegoed deligibles and the corresponding specific property and the second s
15.	Except when necessary for takeoffs and landings, what are the minimum safe altitudes when flying over congested and other than congested areas?
	(vgv)
16.	If an altimeter setting is not available at an airport, what setting should you use before departing on a local flight?
	Vitation the lakest and latest of the base men a Scalar lightness for any picted with your
17.	What altitudes should you use when operating under VFR in level cruising flight at more than 3,000 feet AGL?
	(BMA)

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18.	When practicing steep turns, stalls, and maneuvering during slow flight, the entry altitude must allow a recovery to be completed no lower than feet AGL.
19.	When is a go-around appropriate?
00	What general stone should you follow ofter an engine failure in flight?
20.	What general steps should you follow after an engine failure in flight?
	Same time of way when two allocalt one on that approach to land a same time?
AIRC	RAFT QUESTIONS
	uctions: All students should answer the aircraft questions. If necessary, the instruction in the instruction in the structure is a structure of the structur
1.	List the minimum equipment and instruments that must be working properly in your aircraft for day VFR flight.
2.	Fill in the V-speed definitions and the corresponding speed for your training airplane.
	DEFINITION
	(V <sub>S0</sub> )
	(V <sub>S1</sub> )
	(V <sub>X</sub> )
	If an altimeter setting is not available at an birpon, what setting should you     (VY)
	(V <sub>FE</sub> )
	(V <sub>A</sub> )
	(V <sub>NO</sub> )
	(V <sub>NE</sub> )



3.	What is the best glide speed for your training airplane? KIAS
4.	What is the maximum allowable flap setting for takeoff in your aircraft?°
5.	The total usable fuel capacity for your aircraft is gallons. On a standard day (sea level temperature, 59°F, altimeter 29.92 in. Hg.), the fuel consumption rate during normal (approximately 75% power) cruise is gallons per hour.
6.	What grade or grades of fuel can be safely used in your aircraft? What are the colors of the recommended fuels? What happens to the color of the fuel if two grades are mixed?
	z Flow do you enfer and an the fremio patition of your alignm? What, if any, radio munjcations are required?
7.	The maximum oil capacity of your aircraft is quarts, and the minimum oil capacity to begin a flight is quarts.
8.	The maximum crosswind component specified by your instructor for solo takeoffs and landings in the training aircraft is knots.
9.	When do you use carburetor heat? What are the indications of carburetor icing?
	play indicoling a constandard traffic pattern.
	What is CTASS Explain CTAS procedures at your training airport(s).
	Elashia process
10.	What is the takeoff and landing distance over a 50-foot obstacle for your aircraft at your airport? Assume maximum certificated takeoff weight, 80°F, winds calm, and an altimeter setting of 29.52.
	S Head and the control of the contro



#### AIRPORT AND LOCAL AIRSPACE QUESTIONS

Instructions: Flight instructors may assign only those questions that pertain to the student's airport environment and surrounding local area. However, if necessary, instructors may assign additional questions for a particular flying area.

1.8b gninu 20.	What are the traffic patterns for each runway at your airport? What is the MSL altitude for the traffic pattern?
	6. What grade or grades of fuel can be safely used in your afforaft? What are the color fire recommended ruels? What happens to the color of the ruel if two grades are ful
2.	How do you enter and exit the traffic pattern at your airport? What, if any, radio communications are required?
	STAFT QUESTIONS  Le finance All structures statistic prosper the alternations from the response probability for the professional statistics and the statistics of the statisti
3.	What radio calls are recommended in the traffic pattern at an uncontrolled airport? What radio calls are required at your airport?
4.	What is the standard direction of turns in the traffic pattern? Give an example of a visual display indicating a nonstandard traffic pattern.
5.	What is CTAF? Explain CTAF procedures at your training airport(s).
	What is the takeon and londing distance over a 50-tool obstacle for your sirchest at airport? Assume maximum certificated takeoff weight. 80°F. winds calm. an
6.	How can you determine if a runway is closed?



7.	What are the typical dimensions of Class D airspace and what requirement(s) must be met prior to entry?				
	Contributed the intelligence of the state of the contribute of the				
8.	What is the maximum speed permitted for aircraft below 10,000 feet MSL? What is the maximum speed allowed in Class B airspace? What is the maximum speed allowed in a VFR corridor through Class B airspace?				
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	raw a Describer Class Blans new boundaries, and her while applying the appropriation to the property of the comments of the co				
9.	If you receive ATC instructions that you feel may compromise safety or will cause you to violate an FAR, what should you do?				
	The Franchist North Comprehense Charles and Secure 18 pages and the mile secure 18 pages and the comprehense of Charles Comprehense?				
10.	What is the meaning of each of the following ATC light signals?				
	IN FLIGHT				
	Steady green —				
	Flashing green —				
	Flashing red —				
	Steady red —				
	ON THE GROUND				
	Flashing red —				
	Flashing green —				



11.	In addition to equipment requirements and a student pilot certificate, what other requirement(s), if any, must be met before a student pilot is authorized to fly solo within Class B airspace?
	way a salign additional equations for a gardious of thing area.  What are the finite perform to each remove or your argon it which to the MOL matrice for the
12.	Explain the general transponder equipment and use requirement(s) when operating within or near Class B airspace.
	municalions are required?
13.	Describe Class B airspace boundaries, and how they apply to an airport within that airspace. Explain how you can use navigation equipment and/or ground reference points to identify the Class B boundaries. (Draw a diagram, if necessary.)
	Number of states of the edge of tempolitic for the content? Give a resource of a secret dis- play in positing a nonsearched malific patient.
	10. —What is the meaning of each of the following ATC light signals?
	IN FLIGHT  Standy green —
	Finshing graen —
14.	You have called ATC just prior to entering Class B airspace, and the controller tells you to, "Squawk 2466 and ident." Are you now allowed to enter Class B airspace without any further instructions? Explain.
	он тне споикр
	— but prefered



On a se	ectional chart, what does a dashed magenta line around an airport indicate?
Explain	the minimum visibility and ceiling requirements for VFR flight in Class D airspace.
	student or recreational pilot request a special VFR clearance in Class D airspace isibility is less than three miles? Explain your answer.
your ca	ve called ATC prior to entering Class C airspace, and the controller responds with Il sign and tells you to, " <i>Standby.</i> " Are you now allowed to enter this airspace with further instructions? Explain.
	pe the typical dimensions of Class C airspace. Is participation in the radar service tory within the outer area of Class C airspace?
you can	be the Class C boundaries that affect your airport or a nearby airport. Explain how use navigation equipment and/or ground reference points to identify the Class C airspace ore surface area and shelf area, as well as the outer area. (Draw a diagram, ssary.)



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