09/	18	/2.0	008
U/	10		$^{\prime}$

Bank: (Private Pilot)

Airman Knowledge Test Question Bank

The FAA computer-assisted testing system is supported by a series of supplement publications. These publications, available through several aviation publishers, include the graphics, legends, andmaps that are needed to successfully respond to certain test items. Use the following URL to download acomplete list of associated supplement books: <a href="http://www.faa.gov/education\_research/testing/airmen/test\_questions/media/supplements.pdf">http://www.faa.gov/education\_research/testing/airmen/test\_questions/media/supplements.pdf</a>

1. PLT309 PVT

Which basic flight maneuver increases the load factor on an airplane as compared to straight-and-level flight?

- A) Climbs.
- B) Turns.
- C) Stalls.
- 2. PLT309 PVT

(Refer to figure 2.) If an airplane weighs 2,300 pounds, what approximate weight would the airplane structure be required to support during a 60° banked turn while maintaining altitude?

- A) 2,300 pounds.
- B) 3,400 pounds.
- C) 4,600 pounds.
- 3. PLT168 PVT

The term 'angle of attack' is defined as the angle

- A) between the wing chord line and the relative wind.
- B) between the airplane's climb angle and the horizon.
- C) formed by the longitudinal axis of the airplane and the chord line of the wing.
- 4. PLT134 PVT

How will frost on the wings of an airplane affect takeoff performance?

- A) Frost will disrupt the smooth flow of air over the wing, adversely affecting its lifting capability.
- B) Frost will change the camber of the wing, increasing its lifting capability.
- C) Frost will cause the airplane to become airborne with a higher angle of attack, decreasing the stall speed.
- 5. PLT242 PVT

What force makes an airplane turn?

•	al component of lift. component of lift. orce.	
6. Pl	LT243	PVT
In what flight co	ndition is torque effect the greatest in a single-e	ngine airplane?
A) Low airspeed	d, high power, high angle of attack.	
· ·	d, low power, low angle of attack.	
C) High airspee	d, high power, high angle of attack.	
7. Pl	LT243	PVT
The left turning	tendency of an airplane caused by P-factor is th	e result of the
A) clockwise rot	ation of the engine and the propeller turning the	airplane counter-clockwise.
B) propeller blad left.	de descending on the right, producing more thru	st than the ascending blade on the
C) gyroscopic fo force was applie	orces applied to the rotating propeller blades act ed.	ing 90° in advance of the point the
8. Pl	LT351	PVT
What causes an are not adjusted	n airplane (except a T-tail) to pitch nosedown wh d?	en power is reduced and controls
A) The CG shifts	s forward when thrust and drag are reduced.	
B) The downwa: effectiveness is	sh on the elevators from the propeller slipstrean reduced.	n is reduced and elevator
C) When thrust support the weig	is reduced to less than weight, lift is also reduce ght.	ed and the wings can no longer
9. Pl	LT213	PVT
What determine	s the longitudinal stability of an airplane?	
A) The location	of the CG with respect to the center of lift.	
B) The effective	ness of the horizontal stabilizer, rudder, and rud	der trim tab.
C) The relations	ship of thrust and lift to weight and drag.	
10.	PLT213	PVT
An airplane said	to be inherently stable will	
A) be difficult to	stall.	
B) require less e	effort to control.	
C) not spin.		

11.	PLT245	PVT
•	lition must an aircraft be placed in orde I with one wing low.	r to spin?
B) In a steep divir	ng spiral.	
C) Stalled.		
12.	PLT477	PVT
As altitude increas	ses, the indicated airspeed at which a g	given airplane stalls in a particular
A) decrease as th	e true airspeed decreases.	
B) decrease as th	e true airspeed increases.	
C) remain the san	ne regardless of altitude.	
13.	PLT168	PVT
The angle of attac	ck at which an airplane wing stalls will	
A) increase if the	CG is moved forward.	
B) change with ar	increase in gross weight.	
C) remain the san	ne regardless of gross weight.	
14.	PLT194	PVT
An ATC radar fac	ility issues the following advisory to a pi	ilot flying north in a calm wind:
	OCK, 2 MILES, SOUTHBOUND`	
Where should the	pilot look for this traffic?	
A) South.		
B) North.		
C) West.		
15.		PLT012 PVT
(Refer to figure 36 following condition	•	on for a 1,000-nautical mile flight under the
Pressure altitude		8,000 ft
Temperature		22 °C
Manifold pressure	•	20.8 inches Hg
Wind		Calm
A) 60.2 gallons.		
B) 70.1 gallons.		
C) 73.2 gallons.		

16.	PLT012		PVT	
` •	6.) What fuel flow should a p	ilot expect at 11,000	feet on a standard day with 6	5
A) 10.6 gallons pe	er hour.			
B) 11.2 gallons pe	er hour.			
C) 11.8 gallons pe	er hour.			
17.	PLT124		PVT	
` •	•		nd a pressure altitude increase 55 °F and 1,750 feet pressure	
A) 1,300-foot dec	rease.			
B) 1,700-foot dec	rease.			
C) 1,700-foot incr	ease.			
40	DI TO40		D) /T	
18.	PLT019		PVT	
(Refer to figure 8. altimeter setting c	) Determine the pressure alt	itude at an airport tha	at is 1,386 feet MSL with an	
A) 1,341 feet MSI				
B) 1,451 feet MSI				
C) 1,562 feet MSI				
0) 1,002 1001 11101				
19.		PLT008	Р	VT
(Refer to figure 38 obstacle.	3.) Determine the approxima	te total distance requ	iired to land over a 50-foot	
OAT		90 °F		
Pressure altitude		4,000 ft		
Weight		2,800 lb		
Headwind compo	nent	10 kts		
A) 1,525 feet.				
B) 1,775 feet.				
C) 1,950 feet.				
20.	PLT019		PVT	
	) Determine the pressure alt ig of 28.22 at standard temp		ed altitude of 1,380 feet MSL v	with
A) 2,913 feet MSI				
B) 2,991 feet MSI				
C) 3,010 feet MSI	L.			

21.	PLT019	PVT
	re 8.) Determine the presting of 29.96.	ssure altitude at an airport that is 3,563 feet MSL with an
A) 3,527 feet	t MSL.	
B) 3,556 feet	MSL.	
C) 3,639 feet	t MSL.	
22.		PLT011 PVT
(Refer to figu	ire 41.) Determine the tot	al distance required for takeoff to clear a 50-foot obstacle.
OAT		Std
Pressure alti	tude	4,000 ft
Takeoff weig	ht	2,800 lb
Headwind co	mponent	Calm
A) 1,500 feet		
B) 1,750 feet		
C) 2,000 feet	t.	
23.	PLT402	PVT
When activated	ted, an emergency locate	or transmitter (ELT) transmits on
A) 118.0 and	l 118.8 MHz.	
B) 121.5 and	l 243.0 MHz.	
C) 123.0 and	l 119.0 MHz.	
24.	PLT402	PVT
When must t battery is rec	-	ncy locator transmitter (ELT) be replaced (or recharged if the
A) After one-	half the battery's useful l	fe.
B) During ea	ch annual and 100-hour	nspection.
C) Every 24	calendar months.	
25.	PLT402	PVT
When may a	n emergency locator tran	smitter (ELT) be tested?
A) Anytime.		
B) At 15 and	45 minutes past the hou	r.
C) During the	e first 5 minutes after the	hour.
26.	PLT402	PVT

Which procedure is been activated?	recommended to ensure that the emergency lo	ocator transmitter (ELT) has not
A) Turn off the airci	raft ELT after landing.	
•	ower if they are receiving an ELT signal. efore engine shutdown.	
27.	PLT161	PVT
	I advises that radar service is terminated when conder should be set to code	the pilot is departing Class C
28.	PLT473	PVT
A) decrease the an B) permit a touchdo	nctions of flaps during approach and landing is gle of descent without increasing the airspeed.  own at a higher indicated airspeed.  gle of descent without increasing the airspeed.	to
29.	PLT278	PVT
A) Never-exceed sp	ural cruising speed.	airspeed indicators?
30.	PLT088	PVT
	What is the maximum structural cruising speed	
31. (Refer to figure 4.) A) 65 MPH. B) 100 MPH. C) 165 MPH.	PLT088 What is the maximum flaps-extended speed?	PVT
32.	PLT088	PVT

(Refer to figu A) 100 MPH.		ich the airplane can be operated in smooth air is
B) 165 MPH.		
C) 208 MPH.		
33.	PLT167	PVT
If a pilot char indication?	nges the altimeter setting from 30.	11 to 29.96, what is the approximate change in
A) Altimeter v	will indicate .15 inches Hg higher.	
B) Altimeter v	will indicate 150 feet higher.	
C) Altimeter	will indicate 150 feet lower.	
34.	PLT165	PVT
How do varia	tions in temperature affect the alt	meter?
A) Pressure I	levels are raised on warm days ar	nd the indicated altitude is lower than true altitude.
B) Higher ter altitude.	nperatures expand the pressure le	evels and the indicated altitude is higher than true
C) Lower ten altitude.	nperatures lower the pressure leve	els and the indicated altitude is lower than true
35.	PLT041	PVT
Altimeter sett altimeter indi	_	metric pressure scale of the altimeter is set so the
A) calibrated	altitude at field elevation.	
B) absolute a	altitude at field elevation.	
C) true altitud	de at field elevation.	
36.	PLT041	PVT
(Refer to figu	re 3.) Altimeter 1 indicates	
A) 500 feet.		
B) 1,500 feet	•	
C) 10,500 fee	et.	
37.	PLT166	PVT
If it is necess	eary to set the altimeter from 29.15	to 29.85, what change occurs?
A) 70-foot ind	crease in indicated altitude.	
B) 70-foot ind	crease in density altitude.	
C) 700-foot in	ncrease in indicated altitude.	

38.	PLT023	PVT
Under what condit	ion is indicated altitude the same as true altitude	e?
A) If the altimeter I	has no mechanical error.	
B) When at sea le	vel under standard conditions.	
C) When at 18,000	ofeet MSL with the altimeter set at 29.92.	
39.	PLT023	PVT
What is true altitud	de?	
,	tance of the aircraft above sea level.	
,	tance of the aircraft above the surface.	
C) The height abo	ve the standard datum plane.	
40.	PLT023	PVT
What is absolute a	altitude?	
A) The altitude rea	ad directly from the altimeter.	
·	tance of the aircraft above the surface.	
C) The height abo	ve the standard datum plane.	
,	·	
41.	PLT023	PVT
What is density alt	itude?	
A) The height abo	ve the standard datum plane.	
B) The pressure a	ltitude corrected for nonstandard temperature.	
C) The altitude rea	ad directly from the altimeter.	
42.	PLT166	PVT
(Refer to figure 7.) align the	The proper adjustment to make on the attitude	indicator during level flight is to
A) horizon bar to t	he level-flight indication.	
B) horizon bar to t	he miniature airplane.	
C) miniature airpla	ne to the horizon bar.	
43.	PLT132	PVT
(Refer to figure 7.) such as the one ill	How should a pilot determine the direction of baustrated?	ank from an attitude indicator
A) By the direction	of deflection of the banking scale (A).	
B) By the direction	of deflection of the horizon bar (B).	
C) By the relations	ship of the miniature airplane (C) to the deflected	l horizon bar (B).

44.	PLT215	PVT
In the North normally inc	-	lerated or decelerated, the magnetic compass will
A) a turn mo	omentarily.	
B) correctly	when on a north or south heading.	
C) a turn to	ward the south.	
45.	PLT215	PVT
In the North west if	ern Hemisphere, a magnetic compas	s will normally indicate initially a turn toward the
A) a left turr	n is entered from a north heading.	
B) a right tu	rn is entered from a north heading.	
C) an aircra	ft is accelerated while on a north hea	ding.
46.	PLT215	PVT
During flight	t, when are the indications of a magne	etic compass accurate?
A) Only in s	traight-and-level unaccelerated flight.	
B) As long a	as the airspeed is constant.	
C) During to	urns if the bank does not exceed 18°.	
47.	PLT215	PVT
In the North when	ern Hemisphere, the magnetic compa	ass will normally indicate a turn toward the south
A) a left turr	n is entered from an east heading.	
B) a right tu	rn is entered from a west heading.	
C) the aircra	aft is decelerated while on a west hea	ding.
48.	PLT187	PVT
(Refer to fig	ure 5.) A turn coordinator provides ar	indication of the
A) moveme	nt of the aircraft about the yaw and ro	oll axis.
B) angle of	bank up to but not exceeding 30°.	
C) attitude o	of the aircraft with reference to the lon	gitudinal axis.
49.	PLT337	PVT
If the pitot to	ube and outside static vents become	clogged, which instruments would be affected?
A) The altim	neter, airspeed indicator, and turn-and	I-slip indicator.
B) The altim	neter, airspeed indicator, and vertical	speed indicator.
C) The altin	neter, attitude indicator, and turn-and-	slip indicator.

50.	PLT136	PVT
_	d to carburetor ice, float-type carburetor systelly considered to be	ems in comparison to fuel injection systems
A) more su	sceptible to icing.	
B) equally	susceptible to icing.	
C) suscept	ible to icing only when visible moisture is pre	sent.
51.	PLT190	PVT
Which con	dition is most favorable to the development o	f carburetor icing?
A) Any tem	perature below freezing and a relative humic	dity of less than 50 percent.
B) Temper	ature between 32 and 50 °F and low humidit	y.
C) Temper	ature between 20 and 70 °F and high humid	ty.
52.	PLT249	PVT
	sing at 9,500 feet MSL, the fuel/air mixture is 4,500 feet MSL is made without readjusting	
A) The fue	l/air mixture may become excessively lean.	
•	rill be more fuel in the cylinders than is neede sorb heat and cool the engine.	ed for normal combustion, and the excess
C) The exc detonation	essively rich mixture will create higher cylind	er head temperatures and may cause
53.	PLT189	PVT
Generally	speaking, the use of carburetor heat tends to	
A) decreas	e engine performance.	
B) increase	e engine performance.	
C) have no	effect on engine performance.	
54.	PLT190	PVT
	ft is equipped with a fixed-pitch propeller and ice would most likely be	a float-type carburetor, the first indication of
A) a drop i	n oil temperature and cylinder head tempera	rure.
B) engine	oughness.	
C) loss of I	RPM.	
55.	PLT189	PVT
Applying c	arburetor heat will	
A) result in	more air going through the carburetor.	
B) enrich tl	ne fuel/air mixture.	

C) not affect the fue	el/air mixture.	
A) All the time to aid B) In the event engi	PLT253 d with fuel pumps, when is the auxiliary electric d the engine-driven fuel pump. ne-driven fuel pump fails. of in starting the engine.	PVT driven pump used?
cause	PLT250 used in an aircraft engine is lower than specified and air that is not uniform in all cylinders. ead temperatures.	PVT d for the engine, it will most likely
58. One purpose of the A) improved engine B) uniform heat dist C) balanced cylinde	ribution.	PVT provide for
A) the spark plugs a B) hot spots in the o	PLT115 In a reciprocating aircraft engine when are fouled or shorted out or the wiring is defective combustion chamber ignite the fuel/air mixture it arge in the cylinders explodes instead of burning	n advance of normal ignition.
takeoff, the initial co A) lean the mixture.	lightly to increase airspeed.	PVT etonating during climb-out after
61. The uncontrolled fir A) combustion. B) pre-ignition.	PLT478 ing of the fuel/air charge in advance of normal s	PVT spark ignition is known as

C) detonation	n.	
62.	PLT343	PVT
What should	d be the first action after star	ting an aircraft engine?
A) Adjust for	r proper RPM and check for	desired indications on the engine gauges.
B) Place the grounding.	e magneto or ignition switch	momentarily in the OFF position to check for proper
C) Test eacl	h brake and the parking bra	ke.
63.	PLT343	PVT
•	e oil temperature and cylinde nge, the pilot may have bee	er head temperature gauges have exceeded their normaen operating with
A) the mixtu	re set too rich.	
B) higher-tha	an-normal oil pressure.	
C) too much	power and with the mixture	set too lean.
64.	PLT253	PVT
affected by t	. •	port, a pilot notes a slight engine roughness that is not vs worse during the carburetor heat check. Under these logical initial action?
A) Check the	e results obtained with a lea	ner setting of the mixture.
B) Taxi back	k to the flight line for a maint	enance check.
C) Reduce r	manifold pressure to control	detonation.
65.	PLT249	PVT
The basic po	urpose of adjusting the fuel/	air mixture at altitude is to
A) decrease	the amount of fuel in the m	ixture in order to compensate for increased air density.
B) decrease	the fuel flow in order to con	npensate for decreased air density.
C) increase density of th		xture to compensate for the decrease in pressure and
66.	PLT324	PVT
An abnorma	ally high engine oil temperate	ure indication may be caused by
A) the oil lev	el being too low.	
B) operating	with a too high viscosity oil	
C) operating	y with an excessively rich mi	xture.
67.	PLT351	PVT
A precaution	n for the operation of an eng	ine equipped with a constant-speed propeller is to

A) avoid high	RPM settings with high ma	anifold pressure.
B) avoid high	manifold pressure settings	with low RPM.
C) always use	a rich mixture with high R	PM settings.
68.	PLT351	PVT
What effect do efficiency and	•	s compared to low density altitude, have on propeller
A) Efficiency is	s increased due to less fric	ction on the propeller blades.
B) Efficiency is density altitude		ppeller exerts less force at high density altitudes than at low
C) Efficiency is	s reduced due to the incre	ased force of the propeller in the thinner air.
69.	PLT196	PVT
Automatic Ter concerning	minal Information Service	(ATIS) is the continuous broadcast of recorded information
A) pilots of racobstruction.	dar-identified aircraft whos	e aircraft is in dangerous proximity to terrain or to an
B) nonessenti	al information to reduce fre	equency congestion.
C) noncontrol	information in selected hig	yh-activity terminal areas.
70.	PLT140	PVT
When should	pilots decline a land and h	old short (LAHSO) clearance?
A) Pilots can r	not decline clearance.	
•	the tower operator concur	S.
C) When it wil	I compromise safety.	
71.	PLT140	PVT
Who should n	ot participate in the Land a	and Hold Short Operations (LAHSO) program?
A) Recreation	al pilots only.	
B) Student pilo	ots.	
C) Military pilo	ots.	
72.	PLT141	PVT
-	tating beacon operated dubstructions on the airport.	ring daylight hours indicates
•	•	Class D airspace is below basic VFR weather minimums.
•	fic Control tower is not in	•
73.	PLT462	PVT

•	h intensity runway lights on medium intensity, the and then click it	e pilot should click the microphone
•	ithin four seconds.	
,	within three seconds.	
•	within five seconds.	
,		
74.	PLT141	PVT
Airport taxiwa	y edge lights are identified at night by	
A) white direct	tional lights.	
3) blue omnid	lirectional lights.	
C) alternate re	ed and green lights.	
75.	PLT147	PVT
Refer to figur	e 48.) Illustration A indicates that the aircraft is	
A) below the g	glide slope.	
B) on the glide	e slope.	
C) above the	glide slope.	
76.	PLT147	PVT
An above glid	e slope indication from a tri-color VASI is	
A) a white ligh	·	
, З) a green ligh		
C) an amber li	S	
,		
77.	PLT147	PVT
A below glide	slope indication from a tri-color VASI is a	
A) red light sig	gnal.	
3) pink light si	ignal.	
C) green light	signal.	
78.	PLT077	PVT
	e 49.) Area C on the airport depicted is classified	
A) stabilized a		2 40 4
3) multiple he		
C) closed run		
	···~·j·	
79.	PLT077	PVT
Refer to figur	e 49.) What is the difference between area A and	d area E on the airport depicted?

,	ed for taxi and takeoff; 'E' may b	e used only as an overrun. y aircraft landings; 'E' may be used only as an
overrun.	sa for all operations except heav	y anoran landings, E may be assa only as an
C) 'A' may be use	ed only for taxiing; 'E' may be us	ed for all operations except landings.
80.	PLT077	PVT
(Refer to figure 4	9.) According to the airport diag	am, which statement is true?
A) Runway 30 is stopping military		rgency arresting gear to provide a means of
<ul><li>B) Takeoffs may begins at position</li></ul>		vay 12, and the landing portion of this runway
C) The takeoff ar	nd landing portion of Runway 12	begins at position B.
81.	PLT141	PVT
The numbers 9 a	and 27 on a runway indicate that	the runway is oriented approximately
A) 009° and 027°		
B) 090° and 270°	' true.	
C) 090° and 270°	° magnetic.	
82.	PLT039	PVT
(Refer to figure 5 A) right-quarterin B) left-quartering	g headwind.	es that a landing on Runway 26 will be with a
C) right-quarterin	g tailwind.	
83.	PLT039	PVT
(Refer to figure 5 avoid flights over		in the segmented circle have been arranged to
A) south of the a	irport.	
B) north of the ai	rport.	
C) southeast of the	he airport.	
84.	PLT039	PVT
(Refer to figure 5	1.) The segmented circle indica	es that the airport traffic is
A) left-hand for R	tunway 36 and right-hand for Ru	nway 18.
B) left-hand for R	Runway 18 and right-hand for Ru	nway 36.
C) right-hand for	Runway 9 and left-hand for Run	way 27.
85.	PLT077	PVT

(Refer to figure 50 on	).) If the wind is as shown by the landing direction	on indicator, the pilot should land
	d expect a crosswind from the right. ectly into the wind.	
C) Runway 36 and	d expect a crosswind from the right.	
36.	PLT444	PVT
A) The pilot in con	nt inspection who is responsible for determining nmand. If mechanic who performed the annual inspection	-
C) The owner or o		•••
37.	PLT486	PVT
J	strong quartering tailwinds, which aileron positing the downwind side.	ions should be used?
•	n the side from which the wind is blowing.	
equipped airplane A) Left aileron up,	vn, elevator neutral.	PVT while taxiing a tricycle-gear
A) via taxiways an B) to the next inte	PLT502 Dound control to taxi to Runway 9, the pilot may pend across runways to, but not onto, Runway 9. Tresecting runway where further clearance is required across runways to Runway 9, where an immendacross runways to Runway 9, where an immendacross runways to Runway 9, where	uired.
A) When advised B) Prior to turning	PLT044 tower-controlled airport, when should the pilot of by the tower to do so. off the runway. a taxiway that leads directly to the parking area	
91.	PLT150	PVT

A) Observe the traf B) Enter a crosswir	o fails, what is the recommended procedure where the pattern, and look for a light signal leg and rock the wings.  In g lights and cycle the landing gear while circling	gnal from the tower.
92.	PLT161	PVT
What ATC facility sairspace?	should the pilot contact to receive a special VFR	departure clearance in Class D
A) Automated Fligh	nt Service Station.	
B) Air Traffic Contr	ol Tower.	
C) Air Route Traffic	Control Center.	
93.	PLT064	PVT
•	area 3.) If Redbird Tower is not in operation, w Advisory Frequency (CTAF) to monitor airport to	• •
A) 120.3 MHz.		
B) 122.95 MHz.		
C) 126.35 MHz.		
94.	PLT064	PVT
•	area 2; and figure 32.) At Coeur D'Alene , whic dvisory Frequency (CTAF) to self-announce pos	• •
B) 122.1/108.8 MH	z.	
C) 122.8 MHz.		
95.	PLT064	PVT
•	area 2; and figure 32.) At Coeur D'Alene, which dvisory Frequency (CTAF) to monitor airport traf	-
A) 122.05 MHz.		
B) 135.075 MHz.		
C) 122.8 MHz.		
96.	PLT064	PVT
(Refer to figure 23, Coeur D'Alene to re	area 2; and figure 32.) What is the correct UNICequest fuel?	COM frequency to be used at
A) 135.075 MHz.		
B) 122.1/108.8 MH	Z.	
C) 122.8 MHz.		

97.	PLT064	PVT
(Refer to figure land at Cooper	·	commended communication procedure when inbound to
A) Broadcast in	ntentions when 10 miles out	on the CTAF/MULTICOM frequency, 122.9 MHz.
B) Contact UN	ICOM when 10 miles out on	122.8 MHz.
C) Circle the ai	rport in a left turn prior to en	tering traffic.
98.	PLT064	PVT
		ICOM frequency at Jamestown Airport is
A) 122.0 MHz.	, <u>-</u> , , a. e ,	oom noquency at camerom / inpertie
B) 123.0 MHz.		
C) 123.6 MHz.		
99.	PLT509	PVT
When departin aircraft	g behind a heavy aircraft, th	e pilot should avoid wake turbulence by maneuvering the
A) below and d	lownwind from the heavy air	craft.
B) above and u	upwind from the heavy aircra	aft.
C) below and u	ipwind from the heavy aircra	uft.
100.	PLT509	PVT
When landing I	behind a large aircraft, the p	ilot should avoid wake turbulence by staying
A) above the la point.	arge aircraft's final approach	path and landing beyond the large aircraft's touchdown
B) below the la point.	rge aircraft's final approach	path and landing before the large aircraft's touchdown
C) above the la point.	arge aircraft's final approach	path and landing before the large aircraft's touchdown
101.	PLT509	PVT
The greatest vo	ortex strength occurs when t	the generating aircraft is
A) light, dirty, a	and fast.	
B) heavy, dirty,	, and fast.	
C) heavy, clear	n, and slow.	
102.	PLT509	PVT
When taking of	ff or landing at an airport wh	ere heavy aircraft are operating, one should be ortices because this turbulence tends to

A) rise from a crossing i	runway into the takeoff or landing path.	
B) rise into the traffic pa	attern area surrounding the airport.	
C) sink into the flightpat	h of aircraft operating below the aircraft gene	erating the turbulence.
103.	PLT040	PVT
(Refer to figure 26, area northwest of Fort Worth	a 4.) The floor of Class B airspace overlying I Meacham Field is	Hicks Airport (T67) north-
A) at the surface.		
B) 3,200 feet MSL.		
C) 4,000 feet MSL.		
104.	PLT040	PVT
(Refer to figure 26, area	a 2.) The floor of Class B airspace at Addisor	n Airport is
A) at the surface.		
B) 3,000 feet MSL.		
C) 3,100 feet MSL.		
	_,_,,	_,_
105.	PLT161	PVT
	uld a pilot take prior to entering Class C airsp	pace?
,	introl on the appropriate frequency.	
•	d request permission to enter.	
C) Contact the FSS for	traffic advisories.	
106.	PLT161	PVT
Under what condition m	ay an aircraft operate from a satellite airport	within Class C airspace?
A) The pilot must file a f	light plan prior to departure.	
B) The pilot must monito	or ATC until clear of the Class C airspace.	
C) The pilot must contact	ct ATC as soon as practicable after takeoff.	
107.	PLT161	PVT
	ass C airspace must be in	
A) accordance with inst	·	
•	C clearances and instructions.	
•	with a 4096-code transponder with Mode C	encoding capability.
108.	PLT161	PVT
	e outer area of Class C airspace is	. • .
A) 5 nautical miles.	c cate. area or class o arrepass to	
, 5		

B) 15 nautical miles. C) 20 nautical miles.		
109. The vertical limit of Clas A) 1,200 feet AGL. B) 3,000 feet AGL. C) 4,000 feet AGL.	PLT161 s C airspace above the primary airport is no	PVT rmally
110. (Refer to figure 24, area (outer circle)? A) 1,300 feet AGL. B) 1,300 feet MSL. C) 1,700 feet MSL.	PLT161 3.) What is the floor of the Savannah Class	PVT C airspace at the shelf area
A) the number of airport B) 5 statute miles from t	PLT161 of Class D airspace are based on s that lie within the Class D airspace. he geographical center of the primary airport dures for which the controlled airspace is est	
112. (Refer to figure 23, area Federal Airway over Ma A) 1,200 feet AGL to 17 B) 700 feet MSL to 12,5 C) 7,500 feet MSL to 17	,999 feet MSL. 00 feet MSL.	PVT s E airspace designated as a
A) IFR training flights ab B) VFR training flights a	PLT064 3.) What type military flight operations should be a speed of 2 to 2,500 feet AGL at speeds in excess of 2 to 2,500 feet AGL at speeds less than 25 to 25 ghts below 1,500 feet AGL at speeds in excess than 25 ghts below 1,500 feet AGL at speeds in excess tha	250 knots. 0 knots.
-	PLT194 sues the following advisory to a pilot flying on 2 MILES, WESTBOUND'	PVT a heading of 090°:

Where should the pilot lo A) East. B) South. C) West.	ook for this traffic?	
115.	PLT444	PVT
Responsibility for collisio	n avoidance in an alert area rests with	
A) the controlling agency	<i>1</i> .	
B) all pilots.		
C) Air Traffic Control.		
116.	PLT393	PVT
(Refer to figure 27, area MOA?	2.) What hazards to aircraft may exist in are	as, such as Devils Lake East
A) Unusual, often invisible missiles.	le, hazards to aircraft, such as artillery firing,	aerial gunnery, or guided
,	ies that necessitate acrobatic or abrupt flight raining or an unusual type of aerial activity.	maneuvers.
117.	PLT064	PVT
(Refer to figure 21 area 4	4.) What hazards to aircraft may exist in rest	ricted areas such as R-5302B?
A) Unusual, often invisible	le, hazards such as aerial gunnery or guided	l missiles.
,	ies that necessitate acrobatic or abrupt flight	maneuvers.
C) High volume of pilot tr	raining or an unusual type of aerial activity.	
118.	PLT376	PVT
(Refer to figure 27, area no lower than	3.) When flying over Arrowwood National W	ildlife Refuge, a pilot should fly
A) 2,000 feet AGL.		
B) 2,500 feet AGL.		
C) 3,000 feet AGL.		
119.	PLT161	PVT
`	1.) Identify the airspace over Lowe Airport.	
,	rface up to but not including 18,000 feet MS	
B) Class G airspace - su 14,500 feet MSL.	rface up to but not including 700 feet MSL, C	Class E airspace - 700 feet to
C) Class G airspace - su AGL up to but not includi	rface up to but not including 1,200 feet AGL, ing 18,000 feet MSL.	, Class E airspace - 1,200 feet

120.	PLT123	PVT
After takeoff, which A) V <sub>Y</sub>	ch airspeed would the pilot use to gain	the most altitude in a given period of time?
B) V <sub>X</sub>		
C) V <sub>A</sub>		
121.	PLT119	PVT
is the general dire A) The other aircr B) The other aircr	tht, you observe steady red and green ection of movement of the other aircraft raft is crossing to the left.  Taft is flying away from you.  Taft is approaching head-on.	lights ahead and at the same altitude. What
122.	PLT119	PVT
	ht, you observe a steady white light an nat is the general direction of moveme	nd a flashing red light ahead and at the nt of the other aircraft?
A) The other aircr	aft is flying away from you.	
B) The other aircr	raft is crossing to the left.	
C) The other airc	raft is crossing to the right.	
123.	PLT194	PVT
Prior to starting e	ach maneuver, pilots should	
A) check altitude,	airspeed, and heading indications.	
B) visually scan tl	ne entire area for collision avoidance.	
C) announce thei	r intentions on the nearest CTAF.	
124.	PLT099	PVT
What is the most	effective way to use the eyes during n	ight flight?
A) Look only at fa	r away, dim lights.	
B) Scan slowly to	permit offcenter viewing.	
C) Concentrate d	irectly on each object for a few second	ds.
125.	PLT099	PVT
The best method	to use when looking for other traffic at	night is to
A) look to the side	e of the object and scan slowly.	
B) scan the visua	I field very rapidly.	
C) look to the side	e of the object and scan rapidly.	

126.	PLT099	PVT
The most effect hours is to use	ive method of scanning for of	ther aircraft for collision avoidance during nighttime
A) regularly spa	ced concentration on the 3-,	9-, and 12-o'clock positions.
B) a series of sh	nort, regularly spaced eye mo	ovements to search each 30-degree sector.
C) peripheral vis	sion by scanning small sector	rs and utilizing offcenter viewing.
127.	PLT125	PVT
What procedure	e is recommended when clim	bing or descending VFR on an airway?
A) Execute gent	tle banks, left and right for co	ntinuous visual scanning of the airspace.
B) Advise the ne	earest FSS of the altitude cha	anges.
C) Fly away fror	m the centerline of the airway	before changing altitude.
128.	PLT509	PVT
Wingtip vortices	are created only when an ai	rcraft is
A) operating at I	high airspeeds.	
B) heavily loade	ed.	
C) developing li	ft.	
129.	PLT509	PVT
The wind condit	ion that requires maximum c	aution when avoiding wake turbulence on landing is a
A) light, quarteri	ing headwind.	
B) light, quarteri	ing tailwind.	
C) strong heady	vind.	
130.	PLT271	PVT
•	ent, as part of the aeronauticate the risks associated with the control of the co	al decision making (ADM) process, relies on which each flight?
A) Application o	f stress management and ris	k element procedures.
B) Situational av	wareness, problem recognition	on, and good judgment.
C) The mental p decision on wha		nation in a particular situation and making a timely
131.	PLT097	PVT
Susceptibility to	carbon monoxide poisoning	increases as
A) altitude incre	ases.	
B) altitude decre	eases.	
C) air pressure	increases.	

132.	PLT330	PVT
Which stateme	ent best defines hypoxia?	
A) A state of o	xygen deficiency in the body.	
B) An abnorma	al increase in the volume of air l	preathed.
C) A condition	of gas bubble formation around	d the joints or muscles.
133.	PLT332	PVT
breathed in an	d out can cause a condition kno	ight, an abnormal increase in the volume of air own as
A) hyperventila		
B) aerosinusitis	S.	
C) aerotitis.		
134.	PLT194	PVT
Which techniqu flight?	ue should a pilot use to scan fo	r traffic to the right and left during straight-and-level
A) Systematica	ally focus on different segments	of the sky for short intervals.
B) Concentrate	e on relative movement detecte	d in the peripheral vision area.
C) Continuous	sweeping of the windshield from	m right to left.
125	DI T404	PVT
135.	PLT194	
•		n a collision course with your aircraft?
•		larger and closer at a rapid rate.
	feach aircraft is pointed at the s	
c) There will b	е по аррагент тегануе тношоп в	etween your aircraft and the other aircraft.
136.	PLT334	PVT
Pilots are more	e subject to spatial disorientatio	n if
A) they ignore	the sensations of muscles and	inner ear.
B) visual cues	are taken away, as they are in	instument meteorological conditions (IMC).
C) eyes are mo	oved often in the process of cro	ss-checking the flight instruments.
137.	PLT334	PVT
The danger of	spatial disorientation during flig	ht in poor visual conditions may be reduced by
A) shifting the	eyes quickly between the exteri	ior visual field and the instrument panel.
B) having faith	in the instruments rather than t	aking a chance on the sensory organs.
C) leaning the	body in the opposite direction of	of the motion of the aircraft.

A) 'FOUR THO B) 'FOUR POIN	PLT204 thod of stating 4,500 feet MSL to USAND FIVE HUNDRED.' IT FIVE.' E HUNDRED FEET MSL.'	ATC is
A) 'TEN THOUS B) 'TEN POINT	PLT204 thod of stating 10,500 feet MSL t SAND, FIVE HUNDRED FEET.' FIVE.' THOUSAND, FIVE HUNDRED.'	
140. Pilots flying ove A) 1,000 feet A B) 2,000 feet A C) 3,000 feet A	GL.	PVT quested to fly no lower than
141. (Refer to figure A) 20 feet. B) 36 feet. C) 360 feet.	PLT064 21, area 2.) The elevation of the	PVT Chesapeake Regional Airport is
A) Unmarked b B) Unmarked b	PLT064 21, area 5.) The CAUTION box of limp hangers at 300 feet MSL. alloon on cable to 3,000 feet MS alloon on cable to 3,000 feet MS	L.
•	PLT064 22.) On what frequency can a pi S) in the vicinity of area 1?	PVT  lot receive Hazardous Inflight Weather Advisory
144.	PLT064	PVT

	21, area 2.) The flag symbol at	·
	reporting point for Norfolk Class	•
,	reporting point for Hampton Roa	·
C) visual check	point used to identify position fo	or initial callup to Norfolk Approach Control.
145.	PLT064	PVT
(Refer to figure	22.) Which public use airports of	depicted are indicated as having fuel?
A) Minot Intl. (a	rea 1) and Mercer County Regi	onal Airport (area 3).
B) Minot Intl. (a	rea 1) and Garrison (area 2).	
C) Mercer Cour	nty Regional Airport (area 3) and	d Garrison (area 2).
146.	PLT101	PVT
(Refer to figure	26, area 2.) The control tower f	requency for Addison Airport is
A) 122.95 MHz.		
B) 126.0 MHz.		
C) 133.4 MHz.		
147.	PLT064	PVT
,	24.) The flag symbols at States Igeland Airport are	boro Bullock County Airport, Claxton-Evans County
A) outer bounda	aries of Savannah Class C airsp	pace.
B) airports with	special traffic patterns.	
C) visual check airspace.	points to identify position for init	ial callup prior to entering Savannah Class C
148.	PLT101	PVT
(Refer to figure	26, area 4.) The airspace direct	tly overlying Fort Worth Meacham is
A) Class B airsp	pace to 10,000 feet MSL.	
B) Class C airs	pace to 5,000 feet MSL.	
C) Class D airs	pace to 3,200 feet MSL.	
149.	PLT064	PVT
-	avannah International? SL.	of the lighted obstacle approximately 6 nautical miles
C) 1,549 feet M	SL.	
150.	PLT012	PVT

(Refer to figure 22.) The Lake (area 2) varies from A) sea level to 2,000 feet to 2,500 feet to 2,700 feet to 2,70	eet MSL. feet MSL.	en Minot (area 1) and Audubon
Norfolk International?  A) Mode C transponde  B) Mode C transponde		PVT ired to land and take off at
152. (Refer to figure 26, are A) 700 feet AGL. B) 2,900 feet MSL. C) 2,500 feet MSL.	PLT101 a 7.) The airspace overlying Mc Kinney (TKI)	PVT is controlled from the surface to
A) Class D airspace fro B) Class E airspace fro	PLT040 ea 6.) The airspace overlying and within 5 mile om the surface to the floor of the overlying Cl om the surface to 1,200 feet MSL. om the surface to 700 feet AGL.	
154. (Refer to figure 26, are in the congested area A) 2,555 feet MSL. B) 3,449 feet MSL. C) 3,349 feet MSL.	PLT101 a 8.) What minimum altitude is required to fly south of NAS Dallas?	PVT over the Cedar Hill TV towers
	PLT012  n aircraft departs an airport in the central standort located in the mountain standard time zo	

156.	PLT012	PVT
		ic heading for a flight from Sandpoint Airport (area 1) to n 215° at 25 knots, and the true airspeed is 125 knots.
157.	PLT012	PVT
	an airport located in the m	airport in the central standard time zone at 0845 CST for sountain standard time zone. The landing should be at
158.	PLT012	PVT
for a 2-hour 15-n	•	airport in the mountain standard time zone at 1615 MST cated in the Pacific standard time zone. The estimated uld be
159.	PLT012	PVT
	25). Determine the magnet Magnetic variation is 6°30'	ic course from Airpark East Airport (area 1) to Winnsboro E.
160.	PLT012	PVT
` •	an airport located in the co	airport in the Pacific standard time zone at 1030 PST for entral standard time zone. The landing should be at what
161.	PLT012	PVT

3) to Minot International	at is the estimated time en route from Mercer (area 1)? The wind is from 330° at 25 knots is for departure and climb-out.	, ,
A) 44 minutes.		
B) 48 minutes.		
C) 52 minutes.		
162.	PLT012	PVT
for a 2-hour 30-minute fli	aircraft departs an airport in the mountain sta ght to an airport located in the Pacific stands at the destination airport?	
163.	PLT012	PVT
	at is the estimated time en route for a flight froind is from 200° at 20 knots, the true airspectast.	·
164.	PLT012	PVT
	ermine the magnetic heading for a flight from a 1). The wind is from 340° at 10 knots, and t	
165.	PLT012	PVT
(Refer to figure 24.) Wha (area 1) to Claxton-Evan	at is the estimated time en route for a flight fr is County Airport (area 2)? The wind is from idd 2 minutes for climb-out.	om Allendale County Airport
166.	PLT012	PVT

•	ermine the magnetic heading for a flight from inty Airport (area 2). The wind is from 090° a	• • • •
167.	PLT012	PVT
	9.) Determine the compass heading for a flig ton Varnville Airport (area 1). The wind is fro s.	
168.	PLT064	PVT
(Refer to figure 21.) Dete Roads Airport (area 2). A) 141°. B) 321°. C) 331°.	ermine the magnetic course from First Flight	Airport (area 5) to Hampton
169.	PLT012	PVT
(Refer to figure 27.) Dete Jamestown Airport (area A) 180°. B) 188°. C) 360°.	ermine the magnetic course from Breckheim 4).	er (Pvt) Airport (area 1) to
170.	PLT012	PVT
	at is the magnetic heading for a flight from Pit (area 3)? The wind is from 030° at 12 knot	• • • • • • • • • • • • • • • • • • • •
171.	PLT012	PVT

(area 1) to Shoshone Co	ermine the estimated time en route for a fligh ounty Airport (area 3). The wind is from 030 a d 2 minutes for climb-out.	•
A) 29 minutes.		
B) 27 minutes.		
C) 31 minutes.		
172.	PLT012	PVT
	at is the estimated time en route for a flight from a 1)? The wind is from 300° at 14 knots an out.	
173.	PLT455	PVT
	ore than one cruising altitude is intended, wh	ich should be entered in block
<ul><li>A) Initial cruising altitude</li></ul>		
B) Highest cruising altitu	de.	
C) Lowest cruising altitud	de.	
174.	PLT455	PVT
	at information should be entered in block 9 foort of first intended landing.	r a VFR day flight?
•	ion airport if no stopover for more than 1 hou ort where the aircraft is based.	r is anticipated.
175.	PLT515	PVT
How should contact be exwhat service would be ex	established with an En Route Flight Advisory xpected?	Service (EFAS) station, and
A) Call EFAS on 122.2 fo settings.	or routine weather, current reports on hazard	lous weather, and altimeter
B) Call flight assistance of	on 122.5 for advisory service pertaining to se	evere weather.
C) Call Flight Watch on 1 along proposed route.	122.0 for information regarding actual weathe	er and thunderstorm activity
176.	PLT014	PVT
(Refer to figure 31, illustr heading is	ration 8.) If the magnetic bearing TO the stat	ion is 135°, the magnetic

A) 135°.		
B) 270°.		
C) 360°.		
177.	PLT091	PVT
(Refer to figure 30, illu	ustration 1.) What outbou	nd bearing is the aircraft crossing?
A) 030°.		
B) 150°.		
C) 180°.		
178.	PLT014	PVT
(Refer to figure 30.) W crosswind?	Vhich ADF indication repr	resents the aircraft tracking TO the station with a right
A) 1.		
B) 2.		
C) 4.		
470	DI T044	DV.T
179.	PLT014	PVT
	ustration 3.) what is the r	nagnetic bearing FROM the station?
A) 025°. B) 115°.		
C) 295°.		
3, 200 .		
180.	PLT014	PVT
(Refer to figure 30, illu TO the station.	ustration 2.) Determine th	ne approximate heading to intercept the 180° bearing
A) 040°.		
B) 160°.		
C) 220°.		
181.	PLT091	PVT
(Refer to figure 30, illu	ustration 2.) What magne	tic bearing should the pilot use to fly TO the station?
A) 010°.		
B) 145°.		
C) 190°.		
182.	PLT091	PVT
(Refer to figure 30, illu	ustration 1.) Determine th	e magnetic bearing TO the station.

A) 030°.		
B) 180°.		
C) 210°.		
183.	PLT090	PVT
(Refer to figure 29, illustraircraft crossing?	ration 8.) The VOR receiver has the indication	ns shown. What radial is the
A) 030°.		
B) 210°.		
C) 300°.		
184.	PLT090	PVT
	s 4 and 3; and figure 29.) The VOR is tuned r Cooperstown Airport . Which VOR indication	
A) 1.		
B) 4.		
C) 6.		
185.	PLT090	PVT
(Refer to figure 29, illustraircraft's position relative	ration 3.) The VOR receiver has the indication to the station?	ns shown. What is the
A) East.		
B) Southeast.		
C) West.		
186.	PLT101	PVT
selector (OBS) is set on	5.) The VOR is tuned to the Dallas/Fort Wor 253°, with a TO indication, and a right cours ircraft's position from the VORTAC?	
A) East-northeast.		
B) North-northeast.		
C) West-southwest.		
187.	PLT090	PVT
	igure 29.) The VOR is tuned to Bonham VOI wn of Sulphur Springs (area 5). Which VOR	•
A) 1.		
B) 7.		
C) 8.		

188.	PLT012	PVT		
direct flight from Mercer indication?	at course should be selected on the omnibea County Regional Airport (area 3) to the Mino	` ,		
A) 359°.				
B) 179°.				
C) 001°.				
189.	PLT090	PVT		
is positioned over Shawk A) 2. B) 5.	3; and figure 29.) The VOR is tuned to Elizal poro. Which VOR indication is correct?	beth City VOR, and the aircraft		
C) 9.				
190.	PLT090	PVT		
(Refer to figure 21.) What is your approximate position on low altitude airway Victor 1, southwest of Norfolk (area 1), if the VOR receiver indicates you are on the 340° radial of Elizabeth City VOR (area 3)?				
A) 15 nautical miles from	Norfolk VORTAC.			
B) 18 nautical miles from	Norfolk VORTAC.			
C) 23 nautical miles from	n Norfolk VORTAC.			
191.	PLT101	PVT		
(Refer to figure 25.) Wha	at is the approximate position of the aircraft if or Springs VOR-DME (area 5) and the 140° r	the VOR receivers indicate		
A) Majors Airport.				
B) Meadowview Airport.				
C) Glenmar Airport.				
192.	PLT335	PVT		
(Refer to figure 24.) Wha	at is the approximate position of the aircraft if nah VORTAC (area 3) and the 184° radial of	the VOR receivers indicate		
A) Town of Guyton.				
B) Town of Springfield.	B) Town of Springfield.			
C) 3 miles east of Marlov	C) 3 miles east of Marlow.			
193.	PLT064	PVT		

	what course should the VOR receiver (OBS) ort (area 1) to Savannah VORTAC (area 3)?	) be set to navigate direct from
194.	PLT101	PVT
A blue segmented circle A) Class B. B) Class C. C) Class D.	on a Sectional Chart depicts which class aid	rspace?
195.	PLT161	PVT
A) when the weather min B) when the associated	ith a part-time control tower is classified as C nimums are below basic VFR. control tower is in operation. Flight Service Station is in operation.	Class D airspace only
196.	PLT064	PVT
(Refer to figure 23, area operations at Silverwood A) notes on the border of B) the Airport/Facility Direction (C) the Notices to Airmer	of the chart. rectory.	parachute jumping and glider
197. With respect to the certil A) Normal, utility, acroba B) Airplane, rotorcraft, g C) Landplane, seaplane	lider.	PVT craft?
A) Airplane, rotorcraft, g B) Single-engine land ar	PLT371 fication of airmen, which is a class of aircraft lider, lighter-than-air. nd sea, multiengine land and sea. nip, hot air balloon, gas balloon.	PVT ?
199.	PLT506	PVT

Which V-speed repr	resents maneuvering speed?	
A) VA.		
B) VLO.		
C) VNE.		
200.	PLT446	PVT
Preventive maintena	ance has been performed on	an aircraft. What paperwork is required?
A) A full, detailed de	escription of the work done m	ust be entered in the airframe logbook.
-	k was completed, and the na me and engine logbook.	me of the person who did the work must be
•		certificate held by the person approving the work the aircraft maintenance records.
201.	PLT463	PVT
	conviction for driving while intion Security Division?	toxicated by alcohol or drugs shall it be reported to
A) No later than 60	days after the motor vehicle a	action.
B) No later than 30	working days after the motor	vehicle action.
C) Required to be re	eported upon renewal of med	ical certificate.
202.	PLT399	PVT
-	•	dical certificate shall present it for inspection upon nsportation Safety Board, or any
A) authorized repres	sentative of the Department o	f Transportation.
B) person in a positi	ion of authority.	
C) federal, state, or	local law enforcement officer	
203.	PLT447	PVT
		6-year-old pilot on August 10, this year. To te, the medical certificate will be valid until midnight
A) August 10, 3 yea	irs later.	
B) August 31, 3 yea		
C) August 31, 5 yea	ars later.	
204.	PLT399	PVT
	must be in your personal poss command of an aircraft?	session or readily accessible in the aircraft while

A) Certificates sl review.	nowing accomplishment of a che	eckout in the aircraft and a current biennial flight
•	ate with an endorsement showing recency of experience.	ng accomplishment of an annual flight review and a
C) An appropriat	e pilot certificate and an approp	riate current medical certificate if required.
205.	PLT448	PVT
•	if any, permits a private pilot to pay for the flight?	act as pilot in command of an aircraft carrying
A) If the passen	gers pay all the operating expen	ses.
B) If a donation i	s made to a charitable organiza	tion for the flight.
C) There is no e	xception.	
206.	PLT407	PVT
	vate pilot may not act as pilot in pilot's logbook a minimum of	command of an aircraft towing a glider unless there
A) 100 hours of p	pilot flight time in any aircraft, th	at the pilot is using to tow a glider.
B) 100 hours of pilot is using to to		craft category, class, and type, if required, that the
C) 200 hours of pilot is using to t		craft category, class, and type, if required, that the
207.	PLT448	PVT
	holding a private pilot certificate plane, that person must have	e may act as pilot in command of a high-
A) passed a fligh	t test in that airplane from an F	AA inspector.
B) an endorseme	ent in that person's logbook that	he or she is competent to act as pilot in command.
C) received grouperson's logbook	_	authorized flight instructor who then endorses that
208.	PLT451	PVT
The pilot in com	mand is required to hold a type	rating in which aircraft?
A) Aircraft opera	ted under an authorization issue	ed by the Administrator.
B) Aircraft having	g a gross weight of more than 1	2,500 pounds.
C) Aircraft involv	red in ferry flights, training flights	s, or test flights.
209.	PLT161	PVT
Unless otherwise	e specified, Federal Airways inc	lude that Class E airspace extending upward from
A) 700 feet abov	e the surface up to and includin	g 17,999 feet MSL.

•	ve the surface up to and includin to and including 18,000 feet MS	_
A) flight visibility is	PLT369 Derate an aircraft in acrobatic fligs less than 5 miles. Ested area of a city, town, or settled feet AGL.	
211. No person may op A) 3 miles. B) 5 miles. C) 7 miles.	PLT369 perate an aircraft in acrobatic flig	PVT ht when the flight visibility is less than
A) Flight under ins	PLT373  prohibited when operating a resstrument flight rules. ensely populated area. ass D airspace.	PVT tricted category civil aircraft?
A) On the Airworth B) In the current, or any combinatio	FAA-approved flight manual, app	PVT pund? proved manual material, markings, and placards,
	priately-rated pilot and approved pilot. s aboard.	PVT craft's operation in flight, that aircraft must be test for return to service prior to being operated
•		PVT ersonnel make the appropriate entries in the has been approved for return to service lies with

<ul><li>A) owner or opera</li><li>B) pilot in commar</li><li>C) mechanic who</li></ul>		
A) Annual condition B) Biannual condition	PLT426 ections are required for re on and 100-hour inspection and 100-hour inspection and 50-hour inspections	ons.
<ul><li>217.</li><li>When flying in a V authorized is</li><li>A) 180 knots.</li><li>B) 200 knots.</li><li>C) 250 knots.</li></ul>	PLT161 FR corridor designated th	PVT rough Class B airspace, the maximum speed
A) Depart in any d B) Make all turns t	irection consistent with sa	PVT e procedure to use at a noncontrolled airport? efety, after crossing the airport boundary. blished for the airport.
<ul><li>219.</li><li>When flying in the</li><li>A) 200 knots.</li><li>B) 230 knots.</li><li>C) 250 knots.</li></ul>	PLT161 airspace underlying Class	PVT s B airspace, the maximum speed authorized is
<ul><li>220.</li><li>What minimum flig MSL?</li><li>A) 1 mile.</li><li>B) 3 miles.</li><li>C) 4 miles.</li></ul>	PLT467 ght visibility is required for	PVT VFR flight operations on an airway below 10,000 feet
	PLT163 sibility and clearance from et AGL or below during da	PVT clouds are required for VFR operations in Class G aylight hours?

<ul><li>A) 1 mile visibility</li></ul>	y and clear of clouds.	
B) 1 mile visibilit	y, 500 feet below, 1,000 feet a	above, and 2,000 feet horizontal clearance from
C) 3 miles visibil	ity and clear of clouds.	
222.	PLT468	PVT
The minimum di MSL is	stance from clouds required for	or VFR operations on an airway below 10,000 feet
A) remain clear o	of clouds.	
B) 500 feet belov	w, 1,000 feet above, and 2,00	0 feet horizontally.
C) 500 feet abov	ve, 1,000 feet below, and 2,00	0 feet horizontally.
223.	PLT163	PVT
• .	ns within controlled airspace a ce from clouds requirement fo	t altitudes of less than 1,200 feet AGL, the minimum or VFR flight is
A) Two-way radi B) Two-way radi	o communications equipment o communications equipment	PVT r operation within Class C airspace? and a 4096-code transponder. , a 4096-code transponder, and DME. r, a 4096-code transponder, and an encoding altimeter
225.	PLT161	PVT
In which type of A) Class A. B) Class B. C) Class C.	airspace are VFR flights proh	ibited?
226.	PLT497	PVT
An operable 409	6-code transponder and Mod	e C encoding altimeter are required in
-	ace and within 30 miles of the	-
C) Class E airsp	ace below 10,000 feet MSL.	
227.	PLT161	PVT
What minimum p	pilot certification is required fo	r operation within Class B airspace?

A) Recreational Pilo	ot Certificate.	
B) Private Pilot Cert	tificate or Student Pilot	Certificate with appropriate logbook endorsements.
C) Private Pilot Cer	tificate with an instrum	ent rating.
228.	PLT163	PVT
	airspace, the minimum 000 feet MSL during da	flight visibility requirement for VFR flight above 1,200 feet aylight hours is
A) 1 mile.		
B) 3 miles.		
C) 5 miles.		
229.	PLT374	PVT
Who is primarily res	sponsible for maintainir	ng an aircraft in airworthy condition?
A) Owner or operate	or.	
B) Pilot-in-command	d.	
C) Mechanic.		
230.	PLT383	PVT
Unless otherwise specy of the specy of the second contract of the se	•	no person may operate an aircraft that has an
A) beneath the floor	r of Class B airspace.	
B) over a densely p	opulated area or in a c	ongested airway.
C) from the primary	airport within Class D	airspace.
231.	PLT374	PVT
The responsibility for that of the	or ensuring that an airc	raft is maintained in an airworthy condition is primarily
A) pilot in command	i.	
B) owner or operato	or.	
C) mechanic who p	erforms the work.	
232.	PLT463	PVT
No person may atte	mpt to act as a crewm	ember of a civil aircraft with
A) .008 percent by v	weight or more alcohol	in the blood.
	weight or more alcohol	
	eight or more alcohol i	
233.	PLT463	PVT

	ion, if any, may a pilot allow a person I aboard an aircraft?	who is obviously under the influence of
	ey or if the person is a medical patient	under proper care.
	on does not have access to the cockp	
C) Under no condit	·	•
,		
234.	PLT463	PVT
•	act as a crewmember of a civil aircraf person within the preceding	t if alcoholic beverages have been
A) 8 hours.		
B) 12 hours.		
C) 24 hours.		
235.	PLT372	PVT
Completion of an a be indicated by	annual condition inspection and the re	turn of the aircraft to service should always
A) the relicensing of	date on the Registration Certificate.	
B) an appropriate r	notation in the aircraft maintenance re	cords.
C) an inspection st date.	ticker placed on the instrument panel	that lists the annual inspection completion
236.	PLT403	PVT
When would a pilogoto to deviate from an		ort of an emergency which caused the pilot
A) Within 48 hours	if requested by ATC.	
B) Immediately.	,	
C) Within 7 days.		
237.	PLT163	PVT
Normal VFR opera		rating control tower require the ceiling and
A) 1,000 feet and 1	1 mile.	
B) 1,000 feet and 3	3 miles.	
C) 2,500 feet and 3	3 miles.	
238.	PLT431	PVT
No person may op	erate an aircraft in formation flight	
A) over a densely p	populated area.	
B) in Class D airsp	pace under special VFR.	
·		

C) except by pr	ior arrangement with the pilo	t in command of each aircraft.
239.	PLT413	PVT
•	·	nt under VFR during daylight hours in an airplane? ruising speed with adverse wind conditions.
	y to the first point of intended	landing and to fly after that for 30 minutes at normal
C) Enough to fly cruising speed.	y to the first point of intended	landing and to fly after that for 45 minutes at normal
240.	PLT413	PVT
What is the spe	cific fuel requirement for fligh	nt under VFR at night in an airplane?
A) Enough to co	omplete the flight at normal c	ruising speed with adverse wind conditions.
B) Enough to fly cruising speed.	to the first point of intended	landing and to fly after that for 30 minutes at normal
C) Enough to fly cruising speed.	y to the first point of intended	landing and to fly after that for 45 minutes at normal
241.	PLT141	PVT
A steady green pilot	light signal directed from the	control tower to an aircraft in flight is a signal that the
A) is cleared to	land.	
B) should give v	way to other aircraft and cont	inue circling.
C) should return	n for landing.	
242.	PLT372	PVT
An aircraft' s an be due no later		ed on July 12, this year. The next annual inspection will
A) July 1, next y	/ear.	
B) July 13, next	year.	
C) July 31, next	t year.	
243.	PLT405	PVT
A chair-type partigger within the		ked by a certificated and appropriately rated parachute
A) 60 days.		
B) 90 days.		
C) 120 days.		

244.	PLT405	PVT
• •	hair-type parachute may be carr appropriately rated parachute rig	ied in an aircraft for emergency use if it has been ger within the preceding
A) 120 days.		
B) 180 days.		
C) 365 days.		
245.	PLT444	PVT
What action, if and is given pri		viates from an ATC instruction during an emergency
A) Take no spe	ecial action since you are pilot in	command.
B) File a detaile	ed report within 48 hours to the o	chief of the appropriate ATC facility, if requested.
C) File a report	to the FAA Administrator, as so	on as possible.
246.	PLT444	PVT
Who is respons	sible for determining if an aircraf	t is in condition for safe flight?
A) A certificated	d aircraft mechanic.	
B) The pilot in o	command.	
C) The owner of	or operator.	
247.	PLT444	PVT
If an in-flight en	nergency requires immediate ac	tion, the pilot in command may
•	n any rule of 14 CFR part 91 to the report to the Administrator with	ne extent required to meet the emergency, but must nin 24 hours.
B) deviate from	any rule of 14 CFR part 91 to the	ne extent required to meet that emergency.
C) not deviate the Administrat	•	unless prior to the deviation approval is granted by
248.	PLT401	PVT
Under what cor	nditions may objects be dropped	from an aircraft?
A) Only in an e	mergency.	
B) If precaution	ns are taken to avoid injury or da	mage to persons or property on the surface.
C) If prior perm	ission is received from the Fede	ral Aviation Administration.
249.	PLT440	PVT
Flight crewmen	mbers are required to keep their	safety belts and shoulder harnesses fastened during
A) takeoffs and	l landings.	
B) all flight con-	ditions.	
C) flight in turb	ulent air.	

250.	PLT444	PVT
As Pilot in Con	nmand of an aircraft, under which	situation can you deviate from an ATC clearance?
A) When opera	ating in Class A airspace at night.	
B) If an ATC cl	earance is not understood and in	VFR conditions.
C) In response	to a traffic alert and collision avo	idance system resolution advisory.
251.	PLT445	PVT
	t action is specifically required of	
•	aircraft logbooks for appropriate e	
•	niliar with all available information	
C) Review wak	ke turbulence avoidance procedur	es.
252.	PLT444	PVT
	other preflight actions for a VFR fli ecifically require the pilot in comm	ght away from the vicinity of the departure airport, and to
	c control light signal procedures.	
		ent and the emergency locator transmitter (ELT).
C) determine r distance data.	unway lengths at airports of inten	ded use and the aircraft's takeoff and landing
253.	PLT414	PVT
Which aircraft	has the right-of-way over the othe	er aircraft listed?
A) Glider.		
B) Airship.		
C) Aircraft refu	eling other aircraft.	
254.	PLT414	PVT
What action is	required when two aircraft of the	same category converge, but not head-on?
A) The faster a	aircraft shall give way.	
B) The aircraft	on the left shall give way.	
C) Each aircra	ft shall give way to the right.	
255.	PLT414	PVT
A seaplane and which has the		urses. If the motorboat is to the left of the seaplane,
A) The motorb	oat.	
B) The seaplar	ne.	
C) Both should	alter course to the right.	

256.	PLT161	PVT
What are the mat night?	ninimum requirements for airplar	ne operations under special VFR in Class D airspace
A) The airplane	e must be under radar surveillan	ce at all times while in Class D airspace.
B) The airplane	e must be equipped for IFR with	an altitude reporting transponder.
C) The pilot mu	ust be instrument rated, and the	airplane must be IFR equipped.
257.	PLT376	PVT
A special VFR airspace when	•	an aircraft to operate VFR while within Class D
A) less than 1 i	mile and the ceiling is less than	1,000 feet.
B) at least 1 m	ile and the aircraft can remain cl	ear of clouds.
C) at least 3 m	iles and the aircraft can remain	clear of clouds.
258.	PLT161	PVT
An operable 40	096-code transponder with an er	ncoding altimeter is required in which airspace?
A) Class A, Cla	ass B (and within 30 miles of the	Class B primary airport), and Class C.
B) Class D and	d Class E (below 10,000 feet MS	L).
C) Class D and	d Class G (below 10,000 feet MS	SL).
259.	PLT044	PVT
Unless otherwi landings or tak		mmunications with Air Traffic Control are required for
A) at all tower	controlled airports regardless of	weather conditions.
B) at all tower	controlled airports only when we	ather conditions are less than VFR.
C) at all tower than VFR.	controlled airports within Class [	Dairspace only when weather conditions are less
260.	PLT366	PVT
Which incident	requires an immediate notificati	on to the nearest NTSB field office?
A) A forced lan	ding due to engine failure.	
B) Landing gea	ar damage, due to a hard landing	j.
C) Flight contro	ol system malfunction or failure.	
261.	PLT366	PVT
	involved in an accident which re field office should be notified	sults in substantial damage to the aircraft, the
A) immediately	<b>'</b> .	

B) within 48 hour	rs.	
C) within 7 days.		
262.	PLT366	PVT
	an aircraft that has been involv	red in an accident is required to file an accident
A) 5.		
B) 7.		
C) 10.		
263.	PLT366	PVT
May aircraft wred	ckage be moved prior to the tir	ne the NTSB takes custody?
A) Yes, but only	if moved by a federal, state, or	r local law enforcement officer.
B) Yes, but only	to protect the wreckage from f	urther damage.
C) No, it may not	t be moved under any circums	tances.
264.	PLT290	PVT
What information	n is contained in a CONVECTI	VE SIGMET?
A) Tornadoes, ei	mbedded thunderstorms, and	hail 3/4 inch or greater in diameter.
B) Severe icing,	severe turbulence, or widespre	ead dust storms lowering visibility to less than 3 miles.
C) Surface winds processor (VIP)	=	derstorms equal to or greater than video integrator
265.	PLT290	PVT
Which in-flight ad thunderstorms?	dvisory would contain informat	ion on severe icing not associated with
A) Convective SI	IGMET.	
B) SIGMET.		
C) AIRMET.		
266.	PLT290	PVT
		conditions hazardous to which aircraft?
A) Small aircraft	_	conditions hazardods to which allorant.
B) Large aircraft	•	
C) All aircraft.	·,	
267.	PLT290	PVT
		phenomena but of lower intensities than Sigmets
	for dissemination to	processing age of lower memorials and digitions

A) only IFR pilots.		
B) only VFR pilots. C) all pilots.		
o) all pilots.		
268.	PLT514	PVT
When requesting we	ather information for the following morning, a	pilot should request
A) an outlook briefing	g.	
B) a standard briefing	g.	
C) an abbreviated br	iefing.	
269.	PLT284	PVT
When the term 'light and windspeed is	and variable' is used in reference to a Winds	Aloft Forecast, the coded group
A) 0000 and less tha	n 7 knots.	
B) 9900 and less tha	n 5 knots.	
C) 9999 and less tha	ın 10 knots.	
270.	PLT284	PVT
What values are use	d for Winds Aloft Forecasts?	
A) Magnetic directior	n and knots.	
B) Magnetic directior	n and miles per hour.	
C) True direction and	d knots.	
271.	PLT076	PVT
	What wind is forecast for STL at 9,000 feet?	
A) 230° true at 32 kn		
B) 230° true at 25 kn	ots.	
C) 230° magnetic at	25 knots.	
272.	PLT026	PVT
For aviation purpose	s, ceiling is defined as the height above the E	arth's surface of the
A) lowest reported of	bscuration and the highest layer of clouds rep	orted as overcast.
B) lowest broken or o	overcast layer or vertical visibility into an obsc	curation.
C) lowest layer of clo	ouds reported as scattered, broken, or thin.	
273.	PLT059	PVT
(Refer to figure 12.)	The wind direction and velocity at KJFK is fro	m
A) 180° true at 4 kno	ts.	

B) 180° magnetic C) 040° true at 18		
0,010 Hub at 10	, moto.	
A) blowing mist h B) rain began at	as reduced the visibility to	PVT KMDW has RAB35 listed. This entry means 1-1/2 SM.
A) Sky 700 feet o B) Sky 7000 feet	PLT059 2.) What are the current covercast, visibility 1-1/2SM, overcast, visibility 1-1/2SM overcast, visibility 11, occas	, heavy rain.
276. (Refer to figure 1: A) All. B) KINK, KBOI, a C) KINK, KBOI, a	nd KJFK.	PVT stations have VFR weather?
	PLT514 g a weather briefing facility ntification or the pilot's nan	PVT for preflight weather information, pilots should state ne.
278. Below FL180, en A) 122.0 MHz. B) 122.1 MHz. C) 123.6 MHz.	PLT515 route weather advisories s	PVT hould be obtained from an FSS on
A) moderate at 5 B) moderate from	PLT061 4.) The intensity of the turb 500 feet and at 7,200 feet. 5,500 feet to 7,200 feet. 0 feet to 7,200 feet.	PVT ulence reported at a specific altitude is

280. (Refer to figure 14.) The A) 1,800 feet MSL and B) 5,500 feet AGL and C) 7,200 feet MSL and	7,200 feet MSL.	PVT d by a pilot are
281. (Refer to figure 14.) If the figure 14.) If the figure 14. If	PLT061 he terrain elevation is 1,295 feet MSL, what is	PVT s the height above ground level
<ul><li>282.</li><li>(Refer to figure 14.) The A) light to moderate.</li><li>B) light to moderate cle</li><li>C) light to moderate rim</li></ul>		PVT ot is
283. (Refer to figure 14.) The A) 090° at 21 MPH and B) 080° at 21 knots and C) 090° at 21 knots and	d -7 °C.	PVT s reported by a pilot are
284. (Refer to figure 15.) Wh A) 1200Z to 1200Z. B) 1200Z to 1800Z. C) 1800Z to 1800Z.	PLT072 nat is the valid period for the TAF for KMEM?	PVT
A) overcast at 2,000 feet forecast period between	with the probability of becoming overcast at 4	ercast at 600 feet during the

286.	PLT072	PVT
(Refer to figure 15.) Duri KOKC?	ing the time period from 0600Z to 0800Z, wh	at visibility is forecast for
A) Greater than 6 statute	e miles.	
B) Possibly 6 statute mil	es.	
C) Not forecasted.		
287.	PLT072	PVT
<ul><li>(Refer to figure 15.) The</li><li>A) Nimbostratus.</li><li>B) Cumulonimbus.</li></ul>	only cloud type forecast in TAF reports is	
C) Scattered cumulus.		
288.	PLT514	PVT
To get a complete weath A) a general briefing.	ner briefing for the planned flight, the pilot she	ould request
<ul><li>B) an abbreviated briefing.</li><li>C) a standard briefing.</li></ul>	ng.	
289.	PLT514	PVT
Which type weather brie weather information has A) Outlook briefing. B) Abbreviated briefing.	fing should a pilot request, when departing w been received?	vithin the hour, if no preliminary
C) Standard briefing.		
290.	PLT353	PVT
What information is prov charts?	rided by the Radar Summary Chart that is no	t shown on other weather
A) Lines and cells of haz	zardous thunderstorms.	
B) Ceilings and precipita	tion between reporting stations.	
C) Types of clouds betw	een reporting stations.	
291.	PLT068	PVT
(Refer to figure 20.) Inter Weather Prognostic Cha	rpret the weather symbol depicted in Utah or art.	n the 12-hour Significant
A) Moderate turbulence,	surface to 18,000 feet.	
B) Thunderstorm tops at	: 18,000 feet.	

C) Base of clear air turb	ulence, 18,000 feet.	
292.	PLT289	PVT
<ul><li>A) Low visibility only.</li><li>B) Low ceilings and visibility only.</li><li>C) Heavy rain showers.</li></ul>	at weather phenomenon is causing IFR cond	ditions in central Oklanoma?
293.	PLT075	PVT
<ul><li>(Refer to figure 18.) The</li><li>A) ceiling.</li><li>B) visibility.</li><li>C) ceiling and visibility.</li></ul>	marginal weather in central Kentucky is due	e to low
294.	PLT289	PVT
A) For determining gene B) For a forecast of clou	what value is the Weather Depiction Chart to eral weather conditions on which to base flig d coverage, visibilities, and frontal activity. al trends and air mass characteristics.	•
<ul><li>295.</li><li>(Refer to figure 18.) The</li><li>A) intermittent rain.</li><li>B) low ceilings.</li><li>C) dust devils.</li></ul>	PLT071 IFR weather in northern Texas is due to	PVT
296.	PLT289	PVT
<ul><li>(Refer to figure 18.) What peninsula of Michigan?</li><li>A) Stationary.</li><li>B) Warm.</li><li>C) Cold.</li></ul>	at is the status of the front that extends from	Nebraska through the upper
297.	PLT075	PVT
(Refer to figure 18.) Acc southern Michigan to no	ording to the Weather Depiction Chart, the verth Indiana is ceilings	veather for a flight from
A) less than 1,000 feet a	and/or visibility less than 3 miles.	
B) greater than 3, 000 fe	eet and visibility greater than 5 miles.	

C) 1,000 to 3,000	feet and/or visibility 3 to 5 miles.	
A) Moderate thun B) Moderate or se	PLT290 when a current CONVECTIVE SIGMET for derstorms covering 30 percent of the area evere turbulence. It is obscured by massive cloud layers.	
A) a cloud with exB) a rain cloud.	PLT192 s,' used in naming clouds, means stensive vertical development. containing ice pellets.	PVT
<ul><li>300.</li><li>Clouds are divide</li><li>A) outward shape</li><li>B) height range.</li><li>C) composition.</li></ul>	PLT192 d into four families according to their	PVT
301. An almond or lens or more, is referred. A) an inactive from B) a funnel cloud. C) a lenticular clo	ntal cloud.	PVT but which may contain winds of 50 knot
302. Crests of standing A) mammatocum B) standing lentic C) roll clouds.		PVT onary, lens-shaped clouds known as
303. What cloud types A) Cirrus clouds. B) Nimbostratus of C) Towering cum		PVT

304.	PLT192	PVT
What clouds have	e the greatest turbulence?	
A) Towering cum	ulus.	
B) Cumulonimbus	S.	
C) Nimbostratus.		
305.	PLT226	PVT
What situation is r	most conducive to the formation of radiation fo	g?
A) Warm, moist a	ir over low, flatland areas on clear, calm nights	
B) Moist, tropical	air moving over cold, offshore water.	
C) The movemen	t of cold air over much warmer water.	
306.	PLT512	PVT
-	e/dewpoint spread is small and decreasing, and lost likely to develop?	d the temperature is 62 °F, what
A) Freezing precip	pitation.	
B) Thunderstorms	S.	
C) Fog or low clou	uds.	
307.	PLT226	PVT
In which situation	is advection fog most likely to form?	
A) A warm, moist	air mass on the windward side of mountains.	
B) An air mass mo	oving inland from the coast in winter.	
C) A light breeze	blowing colder air out to sea.	
308.	PLT226	PVT
What types of fog	depend upon wind in order to exist?	
A) Radiation fog a	and ice fog.	
B) Steam fog and	ground fog.	
C) Advection fog	and upslope fog.	
309.	PLT511	PVT
One of the most e	easily recognized discontinuities across a front	is
A) a change in ter	mperature.	
B) an increase in	cloud coverage.	
C) an increase in	relative humidity.	

310.	PLT511	PVT
One weather phenomei	non which will always occur when flying acro	ss a front is a change in the
A) wind direction.		
B) type of precipitation.		
C) stability of the air ma		
,		
311.	PLT511	PVT
Steady precipitation pre	eceding a front is an indication of	
A) stratiform clouds with	n moderate turbulence.	
B) cumuliform clouds w	ith little or no turbulence.	
C) stratiform clouds with	h little or no turbulence.	
312.	PLT274	PVT
	necessary for structural icing to form is	
A) small temperature/de	,	
B) stratiform clouds.	1	
C) visible moisture.		
,		
313.	PLT274	PVT
In which environment is	aircraft structural ice most likely to have the	highest accumulation rate?
A) Cumulus clouds with	below freezing temperatures.	
B) Freezing drizzle.		
C) Freezing rain.		
314.	PLT226	PVT
	an occur and icing can become hazardous in	which type of fog?
A) Rain-induced fog.		
B) Upslope fog.		
C) Steam fog.		
315.	PLT512	PVT
What is meant by the te	erm 'dewpoint'?	
A) The temperature at v	which condensation and evaporation are equ	al.
B) The temperature at v	which dew will always form.	
C) The temperature to	which air must be cooled to become saturate	d.
316.	PLT512	PVT
	apor which air can hold depends on the	1 <b>V</b> I
The amount of water ve		

A) dewpoint.		
B) air temperatu	re.	
C) stability of the		
.,		
317.	PLT512	PVT
Clouds, fog, or d	lew will always form when	
A) water vapor c	ondenses.	
B) water vapor is	s present.	
C) relative humic	dity reaches 100 percent.	
•	·	
318.	PLT512	PVT
What are the pro	ocesses by which moisture is	added to unsaturated air?
A) Evaporation a	and sublimation.	
B) Heating and o	condensation.	
C) Supersaturati	on and evaporation.	
319.	PLT493	PVT
Which conditions	s result in the formation of fro	st?
<ul><li>A) The temperat fall on the surfact</li></ul>		s at or below freezing when small droplets of moisture
B) The temperat dewpoint is belo	_	s at or below the dewpoint of the adjacent air and the
C) The temperat on the collecting	_	at or below freezing when small drops of moisture fall
320.	PLT301	PVT
The presence of	ice pellets at the surface is e	evidence that there
A) are thunderst	orms in the area.	
B) has been cold	d frontal passage.	
C) is a temperati	ure inversion with freezing ra	in at a higher altitude.
321.	PLT206	PVT
		ity altitude at a given airport?
	n barometric pressure.	ny antiado at a given amperti
•	n ambient temperature.	
•	relative humidity.	
_,		
322.	PLT345	PVT
What are the sta	indard temperature and press	sure values for sea level?

A) 15 °C and 29.9	2 inches Hg.	
B) 59 °C and 101	3.2 millibars.	
C) 59 °F and 29.9	2 millibars.	
323.	PLT023	PVT
Under which cond	lition will pressure altitude be	equal to true altitude?
A) When the atmo	ospheric pressure is 29.92 incl	nes Hg.
B) When standard	d atmospheric conditions exist	
C) When indicated	d altitude is equal to the press	ure altitude.
324.	PLT345	PVT
Under what condi	tion is pressure altitude and de	ensity altitude the same value?
A) At sea level, w	hen the temperature is 0 °F.	
B) When the altim	eter has no installation error.	
C) At standard ter	mperature.	
325.	PLT167	PVT
•	from an area of low pressure i sted, the altimeter will indicate	nto an area of high pressure without the altimeter
A) the actual altitu	ıde above sea level.	
B) higher than the	actual altitude above sea leve	el.
C) lower than the	actual altitude above sea leve	I.
326.	PLT023	PVT
Under what condi	tion will true altitude be lower	than indicated altitude?
A) In colder than s	standard air temperature.	
B) In warmer than	standard air temperature.	
C) When density	altitude is higher than indicate	d altitude.
327.	PLT512	PVT
• •	ximate base of the cumulus cl the dewpoint is 48 °F?	ouds if the surface air temperature at 1,000 feet
A) 4,000 feet MSL		
B) 5,000 feet MSL		
C) 6,000 feet MSI		
328.	PLT511	PVT
What are characte	eristics of a moist, unstable air	mass?

A) Cumuliform clouds an	d showery precipitation.	
B) Poor visibility and smo	ooth air.	
C) Stratiform clouds and	showery precipitation.	
329. What are characteristics A) Turbulence and good B) Turbulence and poor	surface visibility.	PVT
C) Nimbostratus clouds a	and good surface visibility.	
<ul><li>330.</li><li>A stable air mass is mos</li><li>A) Showery precipitation</li><li>B) Turbulent air.</li><li>C) Poor surface visibility.</li></ul>		PVT
331.  Moist, stable air flowing to A) produce stratus type of B) cause showers and the C) develop convective tu	understorms.	PVT
<ul><li>332.</li><li>What feature is associated</li><li>A) A stable layer of air.</li><li>B) An unstable layer of a</li><li>C) Chinook winds on mo</li></ul>		PVT
A) Stratus clouds with litt B) Stratus clouds with co	PLT192 s forced upward, what type clouds can be excle vertical development. onsiderable associated turbulence. able vertical development and associated tur	
<ul><li>334.</li><li>What measurement can</li><li>A) Atmospheric pressure</li><li>B) Actual lapse rate.</li></ul>	PLT173 be used to determine the stability of the atm .	PVT osphere?

C) Surface temp	erature.	
335.	PLT173	PVT
What would dec	rease the stability of an air mass	?
A) Warming fron	n below.	
B) Cooling from	below.	
C) Decrease in v	water vapor.	
336.	PLT173	PVT
What is a charac	cteristic of stable air?	
A) Stratiform clo	uds.	
B) Unlimited visi	bility.	
C) Cumulus clou	ıds.	
337.	PLT512	PVT
Every physical p	process of weather is accompanion	ed by, or is the result of, a
A) movement of	air.	
B) pressure diffe	erential.	
C) heat exchang	je.	
338.	PLT165	PVT
What causes va	riations in altimeter settings betw	een weather reporting points?
A) Unequal heat	ting of the Earth's surface.	
B) Variation of te	errain elevation.	
C) Coriolis force		
339.	PLT301	PVT
A temperature in	nversion would most likely result	in which weather condition?
A) Clouds with e	extensive vertical development ab	pove an inversion aloft.
B) Good visibility	y in the lower levels of the atmos	phere and poor visibility above an inversion aloft.
C) An increase i	n temperature as altitude is incre	eased.
340.	PLT301	PVT
The most freque by	ent type of ground or surface-bas	ed temperature inversion is that which is produced
A) terrestrial rad	iation on a clear, relatively still ni	ght.
B) warm air bein	ng lifted rapidly aloft in the vicinity	of mountainous terrain.
C) the movemen	nt of colder air under warm air, o	the movement of warm air over cold air.

341.	PLT301	PVT
	conditions should be expect humidity is high?	ted beneath a low-level temperature inversion layer
A) Smooth air, po	oor visibility, fog, haze, or I	ow clouds.
B) Light wind she	ear, poor visibility, haze, ar	nd light rain.
C) Turbulent air,	poor visibility, fog, low stra	tus type clouds, and showery precipitation.
342.	PLT495	PVT
Which weather p	phenomenon signals the be	ginning of the mature stage of a thunderstorm?
A) The appearan	nce of an anvil top.	
B) Precipitation b	peginning to fall.	
C) Maximum gro	wth rate of the clouds.	
343.	PLT192	PVT
	ontaining an excess of con st air.	of cumulonimbus clouds are a lifting action and densation nuclei.
·		DV.T
344.	PLT495	PVT
	are necessary for the form	
	, lifting force, and unstable	
	, high temperature, and cu	
C) Litting force, i	noist air, and extensive clo	ud cover.
345.	PLT495	PVT
During the life cy A) Cumulus. B) Dissipating. C) Mature.	cle of a thunderstorm, whi	ch stage is characterized predominately by downdrafts?
346.	PLT495	PVT
Thunderstorms r	each their greatest intensit	y during the
A) mature stage.		
B) downdraft sta	ge.	
C) cumulus stage	e.	

347.	PLT495	PVT
Thunderstorms which g A) squall line thundersto	enerally produce the most intense hazard to	aircraft are
B) steady-state thunder		
C) warm front thunders		
348.	PLT495	PVT
A nonfrontal, narrow ba known as a	nd of active thunderstorms that often develor	o ahead of a cold front is a
<ul><li>A) prefrontal system.</li><li>B) squall line.</li></ul>		
C) dry line.		
349.	PLT495	PVT
	activity in the vicinity of an airport at which y phenomenon might be expected on the land	•
C) Steady rain.		
350.	PLT263	PVT
Upon encountering seventh of the A) Constant altitude and B) Constant angle of att C) Level flight attitude.	·	the pilot attempt to maintain?
351.	PLT495	PVT
What feature is normally A) Roll cloud. B) Continuous updraft. C) Frequent lightning.	y associated with the cumulus stage of a thu	nderstorm?
352.	PLT495	PVT
Which weather phenom A) Lightning. B) Heavy rain. C) Hail.	nenon is always associated with a thundersto	rm?

353.	PLT516	PVT
The wind at 5 direction is pri	•	nile the surface wind is southerly. This difference in
A) stronger pr	essure gradient at higher altitudes	S.
B) friction bety	ween the wind and the surface.	
C) stronger Co	oriolis force at the surface.	
354.	PLT518	PVT
Where does w	vind shear occur?	
A) Only at hig	her altitudes.	
B) Only at low	ver altitudes.	
C) At all altitud	des, in all directions.	
355.	PLT518	PVT
When may ha	zardous wind shear be expected?	?
•	•	where it tends to flow in layers forming lenticular
B) In areas of	low-level temperature inversion, f	frontal zones, and clear air turbulence.
C) Following f	rontal passage when stratocumul	us clouds form indicating mechanical mixing.
	· ·	
356.	PLT518	PVT
•	pect a wind-shear zone in a tempe above the surface is at least	erature inversion whenever the windspeed at 2,000
A) 10 knots.		
B) 15 knots.		
C) 25 knots.		
357.	PLT328	PVT
	rplane to the most aft CG will caus	se the airplane to be
_	at all speeds.	•
•	at slow speeds, but more stable a	at high speeds.
•	at high speeds, but more stable a	
,	g. op oc ac, acar	
358.		PLT021 PVT
•	res 33 and 34.) What is the maximal loaded as follows?	num amount of baggage that can be carried when
Front seat occ		387 lb
Rear seat occ	•	293 lb
Fuel		35 gal

A) 45 pounds. B) 63 pounds. C) 220 pounds.			
359. GIVEN:	PLT021	PVT	
	WEIGHT	ARM	MOMENT
	(LB)	(IN)	(LB-IN)
Empty weight	1,495.0	101.4	151,593.0
Pilot and passengers	380.0	64.0	101,000.0
Fuel (30 gal usable no reserve)	000.0	96.0	
The CG is located how far aft of datum?		00.0	
A) CG 92.44.			
B) CG 94.01.			
C) CG 119.8.			
360. PLT021		PVT	
An aircraft is loaded 110 pounds over maximum ce	ertificated gross w	eight. If fue	l (gasoline) is
drained to bring the aircraft weight within limits, ho	w much fuel shoul	d be draine	ed?
A) 15.7 gallons.			
B) 16.2 gallons.			
C) 18.4 gallons.			
361.			PLT121 PVT
(Refer to figures 33 and 34.) Determine if the airpla	ane weight and ba	lance is wit	hin limits.
Front seat occupants			415 lb
Rear seat occupants			110 lb
Fuel, main tanks			44 gal
Fuel, aux. tanks			19 gal
Baggage			32 lb
A) 19 pounds overweight, CG within limits.			
B) 19 pounds overweight, CG out of limits forward.			
C) Weight within limits, CG out of limits.			
362. P	LT092		PVT
(Refer to figure 35.) What is the maximum amount airplane for the CG to remain within the moment e		nay be load	ed aboard the

WEIGHT (LB)

MOM/1000

Empty weight		1,350		51.5
Pilot and front passenge	r	250		
Rear passengers		400		
Baggage				
Fuel, 30 gal				
Oil, 8 qt				-0.2
A) 105 pounds.				
B) 110 pounds.				
C) 120 pounds.				
363.		PLT092		PVT
(Refer to figure 35.) Calc applicable.	culate the moment of the	airplane and detern	nine which catego	ry is
		WEIGHT (LB)		MOM/1000
Empty weight		1,350		51.5
Pilot and front passenge	r	310		
Rear passengers		96		
Fuel, 38 gal				
Oil, 8 qt				-0.2
A) 79.2, utility category.				
B) 80.8, utility category.				
C) 81.2, normal category	<b>y</b> .			
364.		PLT092		PVT
(Refer to figure 35.) What takeoff if loaded as follow		nt of fuel that may b	e aboard the airpl	ane on
		WEIGHT (LB)		MOM/1000
Empty weight		1,350		51.5
Pilot and front passenge	r	340		
Rear passengers		310		
Baggage		45		
Oil, 8 qt				
A) 24 gallons.				
B) 32 gallons.				
C) 40 gallons.				
365.	PLT003		PVT	

A) a longer takeoff run. B) difficulty in recovering from a stalled condition. C) stalling at higher-than-normal airspeed.  366. PLT351 PVT What is an advantage of a constant-speed propeller? A) Permits the pilot to select and maintain a desired cruising speed. B) Permits the pilot to select the blade angle for the most efficient performance. C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOR at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC? A) 1023. B) 1028. C) 1036.  368. PLT395 PVT What is the definition of a high-performance airplane? A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller. B) An airplane with an engine of more than 200 horsepower. C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions. C) flight in turbulent air.	1	loaded in such a manner acteristic a pilot might ex		aft of the aft CG limit. One ane would be
C) stalling at higher-than-normal airspeed.  366. PLT351 PVT  What is an advantage of a constant-speed propeller?  A) Permits the pilot to select and maintain a desired cruising speed.  B) Permits the pilot to select the blade angle for the most efficient performance.  C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT  (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOR at 10953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028.  C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	A) a longer takeoff run	l <b>.</b>		
What is an advantage of a constant-speed propeller?  A) Permits the pilot to select and maintain a desired cruising speed.  B) Permits the pilot to select the blade angle for the most efficient performance.  C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT  (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOR at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028.  C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	B) difficulty in recoveri	ng from a stalled conditio	n.	
What is an advantage of a constant-speed propeller?  A) Permits the pilot to select and maintain a desired cruising speed.  B) Permits the pilot to select the blade angle for the most efficient performance.  C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT  (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOI at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028.  C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	C) stalling at higher-th	an-normal airspeed.		
A) Permits the pilot to select and maintain a desired cruising speed. B) Permits the pilot to select the blade angle for the most efficient performance. C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT  (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOI at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC? A) 1023. B) 1028. C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane? A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller. B) An airplane with an engine of more than 200 horsepower. C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions.	366.	PLT351		PVT
B) Permits the pilot to select the blade angle for the most efficient performance. C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOI at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC? A) 1023. B) 1028. C) 1036.  368. PLT395 PVT What is the definition of a high-performance airplane? A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller. B) An airplane with an engine of more than 200 horsepower. C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions.	What is an advantage	of a constant-speed prop	eller?	
C) Provides a smoother operation with stable RPM and eliminates vibrations.  367. PLT012 PVT (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOR at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028.  C) 1036.  368. PLT395 PVT What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	A) Permits the pilot to	select and maintain a des	sired cruising speed.	
367. PLT012 PVT  (Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOI at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028.  C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	B) Permits the pilot to	select the blade angle for	the most efficient per	formance.
(Refer to figure 24.) While en route on Victor 185, a flight crosses the 248° radial of Allendale VOR at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028.  C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	C) Provides a smoothe	er operation with stable R	PM and eliminates vib	orations.
at 0953 and then crosses the 216° radial of Allendale VOR at 1000. What is the estimated time of arrival at Savannah VORTAC?  A) 1023.  B) 1028. C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	367.	PLT012		PVT
B) 1028. C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane? A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller. B) An airplane with an engine of more than 200 horsepower. C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions.	at 0953 and then cross	ses the 216° radial of Alle	_	
C) 1036.  368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	•			
368. PLT395 PVT  What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	B) 1028.			
What is the definition of a high-performance airplane?  A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller.  B) An airplane with an engine of more than 200 horsepower.  C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	C) 1036.			
A) An airplane with 180 horsepower, or retractable landing gear, flaps, and a fixed-pitch propeller. B) An airplane with an engine of more than 200 horsepower. C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions.	368.	PLT395		PVT
B) An airplane with an engine of more than 200 horsepower. C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions.	What is the definition of	of a high-performance air	olane?	
C) An airplane with a normal cruise speed in excess of 200 knots.  369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	A) An airplane with 18	0 horsepower, or retracta	ble landing gear, flaps	, and a fixed-pitch propeller.
369. PLT442 PVT  If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	B) An airplane with an	engine of more than 200	horsepower.	
If recency of experience requirements for night flight are not met and official sunset is 1830, the latest time passengers may be carried is  A) 1829.  B) 1859.  C) 1929.  370.  PLT465  PVT  With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	C) An airplane with a r	normal cruise speed in ex	cess of 200 knots.	
latest time passengers may be carried is A) 1829. B) 1859. C) 1929.  370. PLT465 PVT  With certain exceptions, safety belts are required to be secured about passengers during A) taxi, takeoffs, and landings. B) all flight conditions.	369.	PLT442		PVT
With certain exceptions, safety belts are required to be secured about passengers during  A) taxi, takeoffs, and landings.  B) all flight conditions.	latest time passengers A) 1829. B) 1859.		flight are not met and	official sunset is 1830, the
A) taxi, takeoffs, and landings. B) all flight conditions.	370.	PLT465		PVT
	A) taxi, takeoffs, and la	andings.	ed to be secured about	t passengers during

371.	PLT445	PVT
Preflight action, a	as required for all flights awa	ay from the vicinity of an airport, shall include
A) the designatio	n of an alternate airport.	
B) a study of arri	val procedures at airports/ h	neliports of intended use.
C) an alternate c	ourse of action if the flight o	annot be completed as planned.
372.	PLT123	PVT
The term 'weigh-	off' means to determine the	
A) static equilibri	um of the balloon as loaded	for flight.
B) amount of gas	s required for an ascent to a	preselected altitude.
C) standard weig	tht and balance of the balloo	on.
373.	PLT251	PVT
	lloon fuel system be checke	ed for leaks prior to flight?
A) Listen and sm	•	
B) Check all con	nections with a lighted mate	h.
C) Cover all conr	nections and tubing with soa	apy water.
374.	PLT393	PVT
		ing under VFR in a Military Operations Area (MOA)?
•		gency prior to entering the MOA.
	on the airways that transver	
C) Exercise extre	eme caution when military a	ctivity is being conducted.
375.	PLT393	PVT
A balloon flight th	nrough a restricted area is	
A) permitted at c	ertain times, but only with p	rior permission by the appropriate authority.
B) permitted any	time, but caution should be	exercised because of high-speed military aircraft.
C) never permitte	ed.	
376.	PLT393	PVT
	lition, if any, may pilots fly th	rough a restricted area?
	n airways with an ATC clea	
	olling agency's authorization	
C) Regulations d		
377.	PLT208	PVT
J11.	FLIZUO	FVI

	ould be taken if a balloon encounters the vicinity of a thunderstorm?	unforecast weather and shifts direction
A) Land immedi	ately.	
B) Descend to a	and maintain the lowest altitude poss	ible.
C) Ascend to an	altitude which will ensure adequate	obstacle clearance in all directions.
378.	PLT389	PVT
The minimum si	ze a launch site should be is at least	
A) twice the heigh	ght of the balloon.	
B) 100 feet for e	every 1 knot of wind.	
C) 500 feet on the	he downwind side.	
379.	PLT237	PVT
What is the rela	tionship of false lift with the wind?	
A) False lift incre	eases as the wind accelerates the ba	alloon.
B) False lift doe	s not exist if the surface winds are ca	alm.
C) False lift dec	reases as the wind accelerates the b	alloon.
380.	PLT064	PVT
lighted obstacle	. If the altimeter was set to the currer alloon is to clear the obstacle at 500 t SL. SL.	ying S Airport drifts southward towards the nt altimeter setting upon launch, what should it feet above the top?
381.	PLT012	PVT
from 220° at 5 k A) Near Hackne B) Crossing the	nots, what should be its approximate	
382.	PLT012	PVT
at 10 MPH. If wi	nd conditions remain constant, wher	town of Eckelson on a magnetic course of 328° e will the balloon be after 2 hours 30 minutes?
A) Over Hoggar		
•	th-north west of Hoggarth Airport (P	/t).
C) Over Buchar	nan.	

383.	PLT064	PVT
•	rifts south-southwest. What is th	d at CX Airport located near the east end of Lake e approximate elevation of the highest terrain for 20
A) 2,000 - 4,000	0 feet MSL.	
B) 4,000 - 6,000		
C) 6,000 - 7,00		
384.	PLT078	PVT
•	53.) When approaching Lincoln communications should be with	Municipal from the west at noon for the purpose of
A) Lincoln Appr	oach Control on 124.0 MHz.	
B) Minneapolis	Center on 128.75 MHz.	
C) Lincoln Tow	er on 118.5 MHz.	
385.	PLT116	PVT
FAA advisory c	irculars (some free, others at co	st) are available to all pilots and are obtained by
A) distribution f	rom the nearest FAA district offi	ce.
B) ordering thos	se desired from the Governmen	t Printing Office.
C) subscribing	to the Federal Register.	
386.	PLT116	PVT
FAA advisory c which subject n	•	er specifically related to Airspace are issued under
A) 60.		
B) 70.		
C) 90.		
387.	PLT116	PVT
FAA advisory c which subject n		er specifically related to Airmen are issued under
A) 60.		
B) 70.		
C) 90.		
388.	PLT371	PVT
With respect to	the certification of airmen, whic	h is a category of aircraft?
A) Gyroplane, h	nelicopter, airship, free balloon,	

B) Airplane, rotoro	raft, glider, lighter-than-a	ir.
C) Single-engine I	and and sea, multiengine	e land and sea.
389.	PLT395	PVT
The definition of n	ighttime is	
A) sunset to sunris	se.	
B) 1 hour after sur	nset to 1 hour before sun	rise.
C) the time between	en the end of evening civ	il twilight and the beginning of morning civil twilight.
390.	PLT387	PVT
•	ch of the new address, the	ailing address and fails to notify the FAA Airmen e pilot is entitled to exercise the privileges of the pilot
A) 30 days after th	ne date of the move.	
B) 60 days after th	ne date of the move.	
C) 90 days after th	ne date of the move.	
391.	PLT449	PVT
•	satisfactory completion of	arrying passengers, a pilot must show by logbook f a flight review or completion of a pilot proficiency check
A) 6 calendar mor	nths.	
B) 12 calendar mo	onths.	
C) 24 calendar mo	onths.	
392.	PLT427	PVT
Prior to becoming possession what o	•	t with a balloon rating, the pilot must have in his or her
A) A third-class m	edical certificate.	
B) A statement fro	m a designated medical	examiner.
C) A medical certi	ficate is not required.	
393.	PLT448	PVT
When must a recr	eational pilot have a pilot	-in-command flight check?
A) Every 400 hour	S.	
B) Every 180 days	S.	
	less than 400 total flight h preceding 180 days.	nours and has not flown as pilot in command in an

394.	PLT515	PVT
Which weather r	eports and forecasts are most ir	nportant for local area balloon operations?
A) Winds Aloft F	orecasts and Radar Summary C	charts.
B) Winds Aloft F	orecasts and Surface Analysis (	Charts.
•	orecasts and Aviation Routine V	
395.	PLT514	PVT
	eather briefing should a pilot reg	uest to supplement mass disseminated data?
A) An outlook br		• •
B) A supplement	•	
C) An abbreviate	· ·	
396.	PLT353	PVT
Radar weather r	eports are of special interest to p	oilots because they indicate
A) large areas of	f low ceilings and fog.	
B) location of pre	ecipitation along with type, intens	sity, and trend.
		sity, and cell movement of precipitation.
397.	PLT256	PVT
•	43.8? The glider weighs 945 po	dio and oxygen equipment weighing 35 pounds is unds with a moment of 78,000.2 pound-inches prior
	vard 0.79 inch - out of limits forw	vard.
•	vard 1.38 inches - within limits.	
C) CG shifts aft	1.38 inches - out of limits aft.	
398.	PLT237	PVT
The lifting forces being	which act on a hot air balloon a	are primarily the result of the interior air temperature
A) greater than a	ambient temperature.	
B) less than amb	pient temperature.	
C) equal to amb	ient temperature.	
399.	PLT057	PVT
•	,	oon is 1,200 pounds and the maximum height the temperature to achieve this performance is
A) +37 °F.		
B) +70 °F.		
C) +97 °F.		

400.	PLT057	PVT
•	) What is the maximum al ard temperature exists at a	titude for the balloon if the gross weight is 1,100 ll altitudes?
A) 1,000 feet.		
B) 4,000 feet.		
C) 5,500 feet.		
401.	PLT057	PVT
•	) What is the maximum al ard temperature exists at a	titude for the balloon if the gross weight is 1,000 ll altitudes?
B) 5,500 feet.		
C) 11,000 feet.		
402.	PLT057	PVT
•	) The gross weight of the is +51°F. The maximum	balloon is 1,350 pounds and the outside air neight would be
A) 5,000 feet.		
B) 8,000 feet.		
C) 10,000 feet.		
403.	PLT177	PVT
All fuel tanks shoul	d be fired during preflight	to determine
A) the burner press	sure and condition of the v	alves.
B) that the pilot ligh	nt functions properly on ea	ch tank.
C) if there are any	leaks in the tank.	
404.	PLT250	PVT
Why should specia	l precautions be taken wh	en filling the propane bottles?
A) Propane is trans	sferred from the storage ta	inks to the propane bottles under high pressure.
B) During transfer,	propane reaches a high to	emperature and can cause severe burns.
C) Propane vapor i	s super-cold and may cau	se severe freeze burns.
405.	PLT254	PVT
Why should propar	ne tanks not be refueled ir	a closed trailer or truck?
A) Propane vapor is trailer.	s one and one-half times	neavier than air and will linger in the floor of the truck or
B) The propane var	por is odorless and the re	fuelers may be overcome by the fumes.

C) Propane is ver	ry cold and could cause dam	age to the truck or trailer.
406.	PLT250	PVT
	d propane is available, propa n the temperatures of	ane will vaporize sufficiently to provide proper
407.	PLT253	PVT
The initial temper A) +32 °F. B) -44 °F. C) -60 °F.	ature at which propane boils	is
408.	PLT253	PVT
A) is less volatile. B) is slower to val C) has a lower bo	porize.	ane or other hydrocarbons because it
409.	PLT251	PVT
•	is available, within which ter ressure for burner operation	nperature range will propane vaporize sufficiently to during flight?
410.	PLT254	PVT
The valve located A) main tank valv B) vapor-bleed va C) pilot valve.	e.	when the tank is filled to 80 percent capacity is the
411.	PLT254	PVT
	on the top of the propane ta maximum allowable pressur	ank which opens automatically when the pressure in re is the
A) pressure relief	valve.	
B) metering valve		

C) blast valve.		
412.	PLT177	PVT
Burner efficience above MSL?	cy of a hot air balloon decreas	es approximately what percent for each 1,000 feet
A) 4 percent.		
B) 8 percent.		
C) 15 percent.		
413.	PLT177	PVT
On a balloon ed	quipped with a blast valve, the	blast valve is used for
A) climbs and d	escents only.	
B) altitude contr	rol.	
C) emergencies	s only.	
414.	PLT208	PVT
What action is r	most appropriate when an env	relope over-temperature condition occurs?
A) Throw all uni	necessary equipment overboa	ard.
B) Descend; ho	ver in ground effect until the e	envelope cools.
C) Land as soo	n as practical.	•
415.	PLT208	PVT
Prior to a high-vlanding by	wind landing, the pilot in comn	nand should brief the passengers to prepare for the
A) kneeling on t	the floor and facing aft.	
B) crouching on	the floor and jumping out of t	he basket upon contact with the ground.
C) crouching wh	hile hanging on in two places,	and remaining in the basket until advised otherwise.
416.	PLT184	PVT
•	is such that it is necessary to should the deflation port (rip p	deflate the envelope as rapidly as possible during a anel) be opened?
A) The instant t	he gondola contacts the surfa	ce.
B) As the balloo	on skips off the surface the firs	st time and the last of the ballast has been discharged.
C) Just prior to	ground contact.	
417.	PLT486	PVT
Which precaution when the air is the same of the same		ronted with the necessity of having to land a balloon
A) Land in any	available lake close to the upv	vind shore.

B) Land in the center of the	he largest available field.	
C) Land in the trees to ab	osorb shock forces, thus cushioning the land	ding.
418.	PLT304	PVT
What is a recommended	ascent upon initial launch?	
A) Maximum ascent to al-	titude to avoid low-level thermals.	
B) Shallow ascent to avo	id flashbacks of flames as the envelope is o	cooled.
C) A moderate-rate ascer	nt to determine wind directions at different le	evels.
419.	PLT237	PVT
What causes false lift wh	ich sometimes occurs during launch proced	lures?
A) Closing the maneuver	ing vent too rapidly.	
B) Excessive temperature	e within the envelope.	
C) Venturi effect of the w	ind on the envelope.	
420.	PLT219	PVT
	rom a moderate-rate ascent to level flight be	
	heat gradually as the balloon is approaching at	
	venting and add heat just before arriving at	ailitude.
c) vent at attitude and ac	dd heat upon settling back down to altitude.	
421.	PLT219	PVT
What is a potential hazar	d when climbing at maximum rate?	
A) The envelope may col	lapse.	
B) Deflation ports may be	e forced open.	
C) The rapid flow of air m	nay extinguish the burner and pilot light.	
422.	PLT219	PVT
It may be possible to make	ke changes in the direction of flight in a hot	air balloon by
A) flying a constant atmo-	spheric pressure gradient.	
B) operating at different f	light altitudes.	
C) operating above the fr	iction level, if there is no gradient wind.	
423.	PLT125	PVT
What is a hazard of rapid	descents?	
A) Wind shear can cavita	te one side of the envelope, forcing air out of	of the mouth.
B) The pilot light cannot r	emain lit with the turbulent air over the bask	cet.
C) Aerodynamic forces m	nay collapse the envelope.	

424.	PLT130	PVT		
In a balloon, best fu	In a balloon, best fuel economy in level flight can be accomplished by			
A) riding the haze li	ne in a temperature inv	ersion.		
B) short blasts of he	eat at high frequency.			
C) long blasts of he	at at low frequency.			
425.	PLT101	PVT		
•	,	nd cloud clearance requirements to operate VFR during wn between 1,200 feet AGL and 10,000 feet MSL are		
A) 1 mile and clear	of clouds.			
B) 1 mile and 1,000	feet above, 500 feet b	elow, and 2,000 feet horizontally from clouds.		
C) 3 miles and 1,00	0 feet above, 500 feet	below, and 2,000 feet horizontally from clouds.		
426.	PLT411	PVT		
three takeoffs and to required, of the same A) 90 days.	hree landings in an aird ne type, within the prec	arrying passengers, the pilot must have made at least craft of the same category, class, and if a type rating is eding		
B) 12 calendar mon				
C) 24 calendar mon	nths.			
427.	PLT400	PVT		
In addition to a valid aircraft during flight		ate, what documents or records must be aboard an		
A) Aircraft engine a	nd airframe logbooks, a	and owner's manual.		
B) Radio operator's	permit, and repair and	alteration forms.		
C) Operating limitat	ions and Registration (	Certificate.		
428.	PLT425	PVT		
	ocuments shall the own Airworthiness Directive?	ner or operator of an aircraft keep to show compliance		
A) Aircraft maintena	ance records.			
B) Airworthiness Ce	ertificate and Pilot's Ope	erating Handbook.		
C) Airworthiness an	d Registration Certifica	ites.		
429.	PLT414	PVT		
Which aircraft has t	he right-of-way over all	other air traffic?		
A) A balloon.				

B) An aircraft in distress	_	
C) An aircraft on final ap	proach to land.	
430.	PLT514	PVT
A weather briefing that is the proposed departure	s provided when the information requested is time is	6 or more hours in advance of
A) an outlook briefing.		
B) a forecast briefing.		
C) a prognostic briefing.		
431.	PLT316	PVT
(Refer to figure 13.) Acc	ording to the weather briefing, the most ideal	time to launch balloons is
A) as soon as possible a	after 1300Z.	
B) at 1500Z when the gr	ound will be partially shaded.	
C) at 2000Z when there	is enough wind for cross-country.	
432.	PLT316	PVT
(Refer to figure 13.) Acc	ording to the weather briefing, good balloon	weather will begin to deteriorate
A) soon after 1300Z as t	the wind starts to increase.	
B) about 1500Z when th	e lower scattered clouds begin to form.	
C) at 2000Z due to shar	p increase in wind conditions.	
433.	PLT072	PVT
(Refer to figure 15.) Bety	ween 1000Z and 1200Z the visibility at KMEN	M is forecast to be?
A) 1/2 statute mile.		
B) 3 statute miles.		
C) 6 statute miles.		
434.	PLT072	PVT
(Refer to figure 15.) Wha	at is the forecast wind for KMEM from 1600Z	until the end of the forecast?
A) No significant wind.		
B) Variable in direction a	at 6 knots.	
C) Variable in direction a		
435.	PLT072	PVT
	ne TAF from KOKC, the 'FM (FROM) Group'	

B) 160° at 10 kn	ots.	
C) 180° at 10 kn	ots, becoming 200° at 13 kno	ts.
436.	PLT445	PVT
What should pilo information?	ts state initially when telepho	ning a weather briefing facility for preflight weather
A) Tell the numb	er of occupants on board.	
B) Identify thems C) State their tot	•	
437.	PLT353	PVT
	<ul><li>19, area D.) What is the direct nots.</li><li>PH.</li></ul>	ion and speed of movement of the cell?
438.	PLT063	PVT
(Refer to figure 1	19, area B.) What is the top fo	r precipitation of the radar return?
A) 24,000 feet A		
B) 24,000 feet M		
C) 2,400 feet MS	SL.	
439.	PLT353	PVT
What does the h to?	eavy dashed line that forms a	large rectangular box on a radar summary chart refer
A) Areas of heav	y rain.	
B) Severe weath		
C) Areas of hail	1/4 inch in diameter.	
440.	PLT173	PVT
What early morn balloon flight mo	•	cate the possibility of good weather conditions for
A) Clear skies ar	nd surface winds, 10 knots or	less.
		l surface winds, 5 knots or less.
C) Overcast with	stratus clouds and surface w	inds, 5 knots or less.
441.	PLT516	PVT
What condition o	loes a rising barometer indica	te for balloon operations?
A) Decreasing cl	ouds and wind.	

B) Chances of thunders		
C) Approaching frontal a	activity.	
442.	PLT057	PVT
` ,	ermine the maximum weight allowable for piet with a temperature of 68 °F. Launch with 2	
B) 620 pounds.		
C) 720 pounds.		
443.	PLT057	PVT
(Refer to figure 58.) Det ambient temperature of A) 420 pounds. B) 465 pounds. C) 505 pounds.	ermine the maximum payload for a balloon f 91 °F.	lying at 2,500 feet at an
444.	PLT177	PVT
What constitutes the pay A) Total gross weight. B) Total weight of passe C) Weight of the aircraft	engers, cargo, and fuel.	
445.	PLT241	PVT
What force provides the A) Lift. B) Centripetal force. C) Gravity.	forward motion necessary to move a glider	through the air?
446.	PLT054	PVT
(Refer to figure 55.) Wha A) 10.5:1. B) 21.7:1. C) 28.5:1.	at approximate lift/drag ratio will the glider at	tain at 68 MPH in still air?
447.	PLT221	PVT
What would be a proper flight in a sailplane?	action or procedure to use if the pilot is gett	ing too low on a cross-country

A) Continue on c approach.	ourse until descending to 1,000	I feet above the ground and then plan the landing
C) Have a suitab	le landing area selected upon r	-in approach at the end of the glide. reaching 2,000 feet AGL, and a specific field chosen
upon reaching 1,	500 feet AGL.	
448.	PLT219	PVT
	nally enters a steep diving spira out overstressing the glider?	al to the left. What is the proper way to recover from
A) Apply up-eleva	ator pressure to raise the nose.	
B) Apply more up tendency.	p-elevator pressure and then us	se right aileron pressure to control the overbanking
•	k pressure and shallow the bar to the desired position.	nk; then apply up-elevator pressure until the nose
449.	PLT221	PVT
•	s become airborne and the tow release immediately,	plane loses power before leaving the ground. The
A) and maneuve	to the right of the towplane.	
B) extend the spo	oilers, and land straight ahead.	
C) and maneuve	r to the left of the towplane.	
450.	PLT221	PVT
How are forward	slips normally performed?	
A) With the direct	tion of the slip away from any c	rosswind that exists.
B) With dive brak	es or spoilers fully open.	
C) With rudder a	nd aileron deflection on the sar	ne side.
451.	PLT221	PVT
An indication that	t the glider has begun a turn to	o soon on aerotow is that the
A) glider's nose is	s pulled to the outside of the tu	rn.
B) towplane's no	se is pulled to the outside of the	e turn.
C) towplane will p	oitch up.	
452.	PLT304	PVT
	action should the sailplane pilot ailplane is airborne and drifting	t take during takeoff if the towplane is still on the to the left?
A) Crab into the v	wind by holding upwind (right) r	udder pressure.
B) Crab into the	wind so as to maintain a position	on directly behind the towplane.

C) Establish a	right wing low drift correction to r	emain in the flightpath of the towplane.
453.	PLT502	PVT
(Refer to figure A) 8. B) 10. C) 11.	56.) Which illustration is a signa	I that the glider is unable to release?
454.	PLT502	PVT
(Refer to figure A) 6. B) 8. C) 9.	56.) Which illustration means th	e towplane cannot release?
455.	PLT502	PVT
(Refer to figure	56.) Illustration 3 means	
A) stop operation		
•	ine or stop engine now.	
C) take up slac	K.	
456.	PLT502	PVT
(Refer to figure	56.) Which illustration is a signa	I to stop operation?
A) 2.		
B) 3. C) 7.		
C) 1.		
457.	PLT304	PVT
To stop pitch of	scillation (porpoising) during a wi	nch launch, the pilot should
A) release back with the undula	•	ainst the cycle of pitching oscillation to get in phase
B) signal the gr	ound crew to increase the speed	I of the tow.
C) relax the bac	ck pressure on the control stick a	and shallow the angle of climb.
458.	PLT304	PVT
Which is an adv	vantage of using a CG hook for a	a winch tow rather than the nose hook?
	ercent of the line length can be us	sed to reach altitude.
•	elease altitude is limited.	
C) It is the safe	st method of launching.	

459.	PLT502	PVT
(Refer to figure 56.) W	hich illustration is a signal to the towplane to	reduce airspeed?
A) 7.		
B) 10.		
C) 12.		
400	DI T405	D) /T
460. (Dafanta (ingga 44.)	PLT185	PVT
	hich yaw string and inclinometer illustrations	indicate a slipping right turn?
A) 3 and 6.		
B) 2 and 6.		
C) 2 and 4.		
461.	PLT006	PVT
A sailplane has a best 2,000 feet?	glide ratio of 30:1. How many nautical miles	will the glider travel while losing
A) 10 nautical miles.		
B) 15 nautical miles.		
C) 21 nautical miles.		
462	DI TOOS	PVT
462. A sailplana has lost 2 (	PLT006	
approximately	000 feet in 9 nautical miles. The best glide ra	tio for this saliplane is
A) 24:1.		
, В) 27:1.		
C) 30:1.		
,		
463.	PLT012	PVT
How many feet will a g	lider sink in 10 nautical miles if its lift/drag ra	tio is 23:1?
A) 2,400 feet.		
B) 2,600 feet.		
C) 4,300 feet.		
464.	PLT303	PVT
What is the proper airs headwind?	speed to use when flying between thermals o	n a cross-country flight against a
A) The best lift/drag sp	peed increased by one-half the estimated win	d velocity.
B) The minimum sink s	speed increased by one-half the estimated wi	nd velocity.

C) The best lift/drag speed decreased by one-half the estimated wind velocity.

465.	PLT132	PVT
To obtain maximu	ım distance over the grour	nd, the airspeed to use is the
A) minimum contr	ol speed.	
B) best lift/drag sp	peed.	
C) minimum sink		
100	DI TOOO	DI (T
466.	PLT006	PVT
	best glide ratio of 23:1. Ho	ow many feet will the glider lose in 8 nautical miles?
A) 1,840 feet.		
B) 2,100 feet.		
C) 2,750 feet.		
467.	PLT494	PVT
	ction should be taken if, w s while turning to the left?	hile thermalling at minimum sink speed in turbulent air,
A) Apply more opposithe overbanking to		ure than opposite (right) rudder pressure to counteract
B) Apply opposite	(right) rudder pressure to	slow the rate of turn.
C) Lower the nose	e before applying opposite	(right) aileron pressure.
468.	PLT012	PVT
How many feet wi	II a sailplane sink in 15 na	utical miles if its lift/drag ratio is 22:1?
A) 2,700 feet.		
B) 3,600 feet.		
C) 4,100 feet.		
469.	PLT054	PVT
		glider sink in 1 statute mile at 53 MPH in still air?
A) 144 feet.	or the will are	
B) 171 feet.		
C) 211 feet.		
<b>-,</b> -, -, -, -, -, -, -, -, -, -, -, -, -,		
470.	PLT054	PVT
A) 75 MPH. B) 79 MPH.	5.) At what speed will the g	lider attain a sink rate of 5 feet per second in still air?
C) 84 MPH.		

471.	PLT054	PVT
(Refer to figure 59 feet in still air?	5.) At what speed will the g	glider gain the most distance while descending 1,000
A) 44 MPH.		
B) 53 MPH.		
C) 83 MPH.		
472.	PLT054	PVT
(Refer to figure 59 in still air?	5.) How many feet will the	glider descend at minimum sink speed for 1 statute mile
A) 132 feet.		
B) 170 feet.		
C) 180 feet.		
473.	PLT012	PVT
•	Jamestown Airport (area	ver Barnes County Airport (area 6) with sufficient 4), how long will it take for the flight at an average of 40
A) 20 minutes.		
B) 27 minutes.		
C) 48 minutes.		
474.	PLT012	PVT
•	ast Airport, south of Caddo	ched over Caddo Mills Airport with sufficient altitude to Dills. How long will it take for the flight at an average of
A) 31 minutes.		
B) 27 minutes.		
C) 25 minutes.		
475.	PLT447	PVT
Prior to becoming possession what	•	with a glider rating, the pilot must have in his or her
A) A third-class m	nedical certificate.	
B) A statement from	om a designated medical e	examiner.
C) A medical cert	ificate is not required.	
476.	PLT407	PVT

To act as pilot in copreceding 12 mont		ng a glider, a pilot is required to have made within the
-		being towed by an aircraft.
•	ghts in a powered glider.	g ,
•		vs while accompanied by a qualified pilot.
,	J	. , , , ,
477.	PLT381	PVT
If an altimeter setti altimeter?	ng is not available before f	light, to which altitude should the pilot adjust the
A) The elevation of	f the nearest airport correc	ted to mean sea level.
B) The elevation of	f the departure area.	
C) Pressure altitud	e corrected for nonstanda	d temperature.
470	DI T444	D) /T
478.	PLT444	PVT
•	as to the operation of an a	rcraft is the
A) Federal Aviatior		
B) pilot in comman		
C) aircraft manufac	cturer.	
479.	PLT496	PVT
The minimum allow gross weight of 70		used for an aerotow of a glider having a certificated
A) 560 pounds.		
B) 700 pounds.		
C) 1,000 pounds.		
480.	PLT496	PVT
	•	ngth more than twice the maximum certificated afety link must be installed at what point(s)?
A) Only the point w	here the towline is attache	d to the glider.
B) The point where the towplane.	e the towline is attached to	the glider and the point of attachment of the towline to
C) Only the point w	where the towline is attache	ed to the towplane.
481.	PLT496	PVT
The minimum allow gross weight of 1,0 A) 502 pounds. B) 832 pounds.	_	used for an aerotow of a glider having a certificated
_, cc_ pourido.		

C) 1,040 pound:	S.	
482.	PLT316	PVT
(Refer to figure conditions?	13.) What effect do the clouds me	ntioned in the weather briefing have on soaring
A) All thermals s	stop at the base of the clouds.	
B) Thermals per	rsist to the tops of the clouds at 25	5,000 feet.
C) The scattered	d clouds indicate thermals at least	to the tops of the lower clouds.
483.	PLT064	PVT
(Refer to figure conditions?	21.) Over which area should a glid	der pilot expect to find the best lift under normal
A) 5.		
B) 6.		
C) 7.		
484.	PLT514	PVT
	e standard briefing, what additiona conditions?	al information should be asked of the weather
A) The upper so	oundings to determine the thermal	index at all soaring levels.
	rate of cooling to determine the h	_
C) Moist adiaba	tic rate of cooling to determine the	height of cloud tops.
485.	PLT173	PVT
Where and unde stable?	er what condition can enough lift b	e found for soaring when the weather is generally
A) On the upwin	nd side of hills or ridges with mode	rate winds present.
,	waves that form on the upwind sid	
C) Over isolated	d peaks when strong winds are pre	esent.
486.	PLT494	PVT
The developme	nt of thermals depends upon	
A) a countercloo	ckwise circulation of air.	
B) temperature	inversions.	
C) solar heating		
487.	PLT494	PVT
How can a pilot	locate bubble thermals?	
A) Look for wet	areas where recent showers have	occurred.

•	e soaring in areas of intermittent heating.  The the boundary of a temperature inversion.	
488. What is the best visual ir A) Fragmented cumulus B) Smooth cumulus clou C) Scattered to broken s	clouds with concave bases. ds with concave bases.	PVT
A) Enter above 500 feet B) Enter below 500 feet	PLT494  procedure for entering a dust devil for soar and circle the edge in the same direction as and circle the edge opposite the direction of feet and circle the edge opposite the direct	the rotation.
A) Fly an ever increasing B) Maintain a straight tra	•	PVT
491. On which side of a rocky thermals? A) On the side facing the B) On the downwind side C) Exactly over the cente	Э.	PVT puld a pilot find the best
492. Which is considered to be thunderstorms? A) Static electricity. B) Lightning. C) Wind shear and turbu	PLT120 be the most hazardous condition when soaring the most hazardous condition when soaring the soar	PVT ng in the vicinity of
•	PLT516 atterns associated with sea breezes are cau ng inland from over the water.	PVT sed by

•	oing and radiating heat faster tha	
C) cool, dense a	air moving inland from over the v	vater.
494.	PLT516	PVT
During which pe	eriod is a sea breeze front most :	suitable for soaring flight?
A) Shortly after	sunrise.	
B) During the ea	arly forenoon.	
C) During the at	fternoon.	
495.	PLT516	PVT
What minimum	upward current must a glider en	counter to maintain altitude?
A) At least 2 fee	et per second.	
B) The same as	s the glider's sink rate.	
C) The same as	s the adjacent down currents.	
496.	PLT328	PVT
A pilot plans to on the instrume	•	-place glider which displays the following placards
MINIMUM PILC	T WEIGHT: 135 LB	
MAXIMUM PILO	OT WEIGHT: 220 LB	
NOTE: Seat bal	llast should be used as necessa	ry.
The recommend pilot's weight is	• .	55 - 65 knots. What action should be taken if the
A) Add 10 poun	ds of seat ballast to the rear sea	it.
B) Add 10 poun	ds of seat ballast.	
C) Add 45 poun	ds of seat ballast to obtain the a	verage pilot weight of 170 pounds.
497.	PLT328	PVT
A pilot plans to on the instrume		-place glider which displays the following placards
MINIMUM PILC	T WEIGHT: 135 LB	
MAXIMUM PILO	OT WEIGHT: 220 LB	
NOTE: Seat bal	llast should be used as necessa	ry.
The recommend pilot's weight is	<u> </u>	55 - 65 knots. What action should be taken if the
A) Add 20 poun	ds of seat ballast to the rear sea	ıt.
B) Add 55 poun	ds of seat ballast to obtain the a	verage pilot weight of 170 pounds.
C) Add 20 poun	ds of seat ballast.	

498.	PLT021	PVT			
(Refer to figure 54.) Wha	at is the CG of the glider if the pilot and pass	senger ead	ch weigh 2	215 pounds?	
A) 74.69 inches aft of da	tum - out of limits forward.				
B) 81.08 inches aft of da	tum - within limits.				
C) 81.08 inches aft of da	atum - over maximum gross weight.				
,	5 0				
499.	PLT021	PVT			
(Refer to figure 54.) Calowithin limits.	culate the weight and balance of the glider, a	and deterr	nine if the	CG is	
Pilot (fwd seat) 160 lb					
Passenger (aft seat) 185	5 lb				
A) CG 71.65 inches aft of	of datum - out of limits forward.				
B) CG 79.67 inches aft of	of datum - within limits.				
C) CG 83.43 inches aft of	of datum - within limits.				
,					
500.			PLT021	PVT	
(Refer to figures 45 and	46.) Approximately how much baggage, if a	ny, may b	e carried i	in the	
gyroplane, without excee	eding weight and balance limits?				
			WEIGHT	MOMENT	
			(LB)	(1000)	
Empty weight			1,074	85.6	
Oil, 6 qt				1.0	
Fuel, Full					
Pilot (FWD)			224		
A) None, overweight.					
B) 70 pounds.					
C) 100 pounds.					
504	DI TAGA	D) /T			
501.	PLT131	PVT			
•	phenomenon of ground effect?				
,	attack of each rotor blade is increased.				
B) The lift vector become					
C) The angle of attack g	enerating lift is increased.				
502.	PLT285	PVT			
	at is the best rate-of-climb speed for the heli				
B) 40 MPH.					

C) 57 MPH.		
A) turbulence nea B) rotor RPM may	or the surface can dephase to decay before ground contains.	PVT ight vs. Velocity Chart should be avoided is he blade dampers. act is made if an engine failure should occur. ensure a safe landing in case of an engine failure.
A) execute a high B) execute a low	reconnaissance.	PVT landing, the pilot should first bulence.
505. (Refer to figure 47 operations? A) 20 MPH/200 fe B) 35 MPH/175 fe C) 40 MPH/75 fee	eet AGL. eet AGL.	PVT combination should be avoided during helicopter
A) When gross we B) When a norma	• •	
within Class D airs A) The helicopter B) The flight visibi	space?	PVT bilot operate a helicopter under special VFR at night uipped and the pilot must be instrument rated.
restarted, what ini	itial immediate action must t	PVT engines during flight and neither engine can be he pilot take? ng before control and envelope shape are lost.

B) The emergency auxiliso that ballonet inflation	ary power unit must be started for electrical can be maintained.	power to the airscoop blowers
C) Immediate preparation	ons to operate the airship as a free balloon a	re necessary.
A) show no change in su B) show a decrease in s	PLT153  nrough a steep temperature inversion will uperheat as altitude is lost. uperheat as altitude is lost. y lighter, thus becoming increasingly more d	PVT ifficult to drive down.
510. Below pressure height, 6 A) 1 percent of gross lift. B) 2 percent of net lift. C) 2 percent of total lift.	PLT153 each 5° F of positive superheat amounts to a	PVT approximately
B) The temperature of the	PLT153  at?  ive exterior temperature of the envelope.  ne lifting gas exceeding the red line.  en outside air temperature and the temperat	PVT ture inside the envelope.
512. Which action is necessa A) Valve gas. B) Valve air. C) Take air into the aft b	PLT133 ry in order to perform a normal descent in a	PVT n airship?
	•	PVT
514. To check the gas pressushould be A) opened forward and o	PLT158 ures (pressure height) of an airship during a closed aft.	PVT climb, the air damper valves

	d closed forward.	
C) closed.		
515.	PLT124	PVT
In relation to the	operation of an airship, what	is the definition of aerostatics?
A) The gravitation	nal factors involving equilibrio	um of a body freely suspended in the atmosphere.
B) The science o	f the dynamics involved in th	e expansion and contraction of hydrogen gas.
C) The expansion	n and contraction of the lifting	g gas helium.
516.	PLT153	PVT
How does the pile	ot know when pressure heigh	nt has been reached?
A) Liquid in the g levels.	as manometer will rise and the	he liquid in the air manometer will fall below normal
B) Liquid in the g	as and air manometers will fa	all below the normal level.
C) Liquid in the g levels.	as manometer will fall and th	ne liquid in the air manometer will rise above normal
517.	PLT153	PVT
When the airship maintained by va		perheat increases, constant pressure must be
A) gas from the e	envelope.	
B) air from the er	nvelope.	
C) gas from the b	pallonets.	
518.	PLT221	PVT
Air damper valve system would	s should normally be kept clo	osed during climbs because any air forced into the
A) increase the a excessively high	_	xhausted to prevent the airship from ascending at an
B) increase the a	mount of air to be exhausted	d, resulting in a lower rate of ascent.
C) decrease the	purity of the gas within the er	rvelope.
519.	PLT221	PVT
To land an airshi made if the airsh		when the wind is calm, the best landing can usually be
A) in trim.		
B) nose heavy ap	oproximately 20°.	
C) tail heavy app	roximately 20°.	

520.	PLT012	PVT
the intersection of the po arrive over the Bonham	airship passes over the Quitman VOR-DME abwerline and Victor 114 at 0948. Approximate VORTAC (area 3)?	•
A) 1109.		
B) 1117.		
C) 1138.		
521.	PLT012	PVT
<ul><li>(area 2). The wind is fro</li><li>A) 55 minutes.</li><li>B) 59 minutes.</li></ul>	mate the time en route from Majors Airport (and 340° at 12 knots and the true airspeed is 3	
C) 63 minutes.		
522.	PLT012	PVT
	airship crosses over Minot VORTAC (area 1) otheast on Victor 15 at 1108. What should be	
A) Over Lake Nettie Nat	ional Wildlife Refuge.	
B) Crossing the road ea	st of Underwood.	
C) Over the powerlines	east of Washburn Airport.	
523.	PLT116	PVT
	containing subject matter specifically related issued under which subject number?	to Air Traffic Control and
524.	PLT440	PVT
	deviates from a regulation during an emerge	ncy send a written report of that
525.	PLT068	PVT
(Refer to figure 20.) How	v are Significant Weather Prognostic Charts	best used by a pilot?

A) For overall pla	nning at all altitudes.	
B) For determinir	ng areas to avoid (freezing leve	els and turbulence).
C) For analyzing	current frontal activity and clou	ud coverage.
	DI T450	D) (T
526. 	PLT153	PVT
	titude that a rigid airship can re ne surface is determined by	each (under a given atmospheric condition) and then
A) the disposable	e load.	
B) ballonet capad	city.	
C) pressure altitu	ıde.	
527.	PLT153	PVT
An unbalanced c	ondition of an airship in flight n	nust be overcome by
A) valving air fror	m the ballonets.	
B) valving gas fro	om the envelope.	
C) a negative or	a positive dynamic force.	
528.	PLT328	PVT
Which items are	included in the empty weight o	f an aircraft?
A) Unusable fuel	and undrainable oil.	
B) Only the airfra	me, powerplant, and optional	equipment.
C) Full fuel tanks	and engine oil to capacity.	
529.	PLT204	PVT
When flying HAV	VK N666CB, the proper phrase	eology for initial contact with McAlester AFSS is
A) 'MC ALESTEF VORTAC, OVER	•	CHARLIE BRAVO, RECEIVING ARDMORE
B) 'MC ALESTEF OVER.'	R STATION, HAWK SIX SIX S	X CEE BEE, RECEIVING ARDMORE VORTAC,
•	R FLIGHT SERVICE STATION DMORE VORTAC, OVER.'	I, HAWK NOVEMBER SIX CHARLIE BRAVO,
530.	PLT011	PVT
•	0.) Determine the total takeoff mperature is 95 °F and the pre	distance required for a gyroplane to clear a 50-foot ssure altitude is 1,700 feet.
A) 1,825 feet.		
B) 1,910 feet.		
C) 2,030 feet.		

531.	PLT008	PVT		
		nding distance to clear a 50-foot obsta and the pressure altitude at the airpo		
A) 521 feet.				
B) 525 feet.				
C) 529 feet.				
532.	PLT342	PVT		
For internal cooling,	reciprocating aircraft e	engines are especially dependent on		
A) a properly functio	ning thermostat.			
B) air flowing over th	ne exhaust manifold.			
C) the circulation of	lubricating oil.			
533.	PLT265	PVT		
If the pilot experienc	es ground resonance,	and the rotor r.p.m. is not sufficient for	or flight,	
A) open the throttle f	full and liftoff.			
B) apply the rotor bra	ake and stop the rotor	as soon as possible.		
C) attempt to takeoff	f at that power setting.			
534.	PLT371	PVT		
With respect to the o	certification of aircraft,	which is a class of aircraft?		
A) Airplane, rotorcra	ft, glider, balloon.			
B) Normal, utility, ac	robatic, limited.			
C) Transport, restrict	ted, provisional.			
535.		F	PLT021	PVT
(Refer to figures 45 a loaded?	and 46.) What is the co	ondition of the weight and balance of	the gyror	olane as
		\	WEIGHT	MOMENT
		(	(LB)	(1000)
Empty weight			1,074	85.6
Oil, 6 qt		-		1.0
Pilot and passenger		2	247	
Fuel, 12 gal		-		
Baggage		ę	95	
A) Within limits.				
B) Overweight.				
C) Out of limits aft.				

536.	PLT197	PVT
When a blade flaps up, A) decelerate.	the CG moves closer to its axis of rotation gi	iving that blade a tendency to
B) accelerate.		
C) stabilize its rotationa	I velocity.	
537.	PLT470	PVT
The maximum forward	speed of a helicopter is limited by	
A) retreating blade stall		
B) the rotor RPM red lin	e.	
C) solidity ratio.		
538.	PLT268	PVT
With calm wind condition	ns, which flight operation would require the r	most power?
A) A right-hovering turn		
B) A left-hovering turn.		
C) Hovering out of grou	nd effect.	
539.	PLT112	PVT
If RPM is low and manif	fold pressure is high, what initial corrective a	ction should be taken?
A) Increase the throttle.		
B) Lower the collective	<u>.</u>	
C) Raise the collective	pitch.	
540.	PLT250	PVT
Which would most likely exceed their normal ope	cause the cylinder head temperature and elerating ranges?	ngine oil temperature gauges to
•	lower-than-specified fuel rating.	
	higher-than-specified fuel rating.	
C) Operating with higher	er-than-normal oil pressure.	
541.	PLT250	PVT
What type fuel can be s	substituted for an aircraft if the recommended	octane is not available?
A) The next higher octa	ne aviation gas.	
B) The next lower octar	ne aviation gas.	
C) Unleaded automotive	e gas of the same octane rating.	

542.	PLT112	PVT
During surface	e taxiing, the collective pitch is used	d to control
A) drift during	a crosswind.	
B) rate of spee	ed.	
C) ground trac	ck.	
543.	PLT112	PVT
During surface	e taxiing, the cyclic pitch stick is use	ed to control
<ul><li>A) forward mo</li></ul>	vement.	
B) heading.		
C) ground trac	ck.	
544.	PLT175	PVT
Which is a pre	ecaution to be observed during an a	autorotative descent?
A) Normally, tl	he airspeed is controlled with the co	ollective pitch.
B) Normally, c	only the cyclic control is used to mal	ke turns.
C) Do not allo	w the rate of descent to get too low	at zero airspeed.
545.	PLT259	PVT
Ground reson	ance is most likely to develop when	1
A) on the grou	and harmonic vibrations develo	p between the main and tail rotors.
B) a series of	shocks causes the rotor system to	become unbalanced.
	combination of a decrease in the and angle of attack on the retreating b	gle of attack on the advancing blade and an lade.
546.	PLT170	PVT
What is the pr	ocedure for a slope landing?	
A) When the c	downslope skid is on the ground, ho	old the collective pitch at the same position.
B) Minimum R	PM shall be held until the full weigh	nt of the helicopter is on the skid.
C) When para downslope ski		oslope skid to the ground prior to lowering the
547.	PLT217	PVT
The proper ac	tion to initiate a quick stop is to app	ply
A) forward cyc	clic and lower the collective pitch.	
B) aft cyclic ar	nd raise the collective pitch.	
C) aft cyclic ar	nd lower the collective pitch.	

548.	PLT222	PVT
A) A normal takeoff from	ng a confined area, what type of takeoff is page a hover.	referred?
B) A vertical takeoff.		
C) A normal takeoff from	the surface.	
549.	PLT515	PVT
What service should a pi station?	lot normally expect from an En Route Flight	Advisory Service (EFAS)
A) Actual weather inform	ation and thunderstorm activity along the ro-	ute.
B) Preferential routing ar	nd radar vectoring to circumnavigate severe	weather.
C) Severe weather inform	nation, changes to flight plans, and receipt o	of routine position reports.
550.	PLT353	PVT
(Refer to figure 19, area	E.) The top of the precipitation of the cell is	
A) 16,000 feet AGL.		
B) 16,000 feet MSL.		
C) 25,000 feet MSL.		
551.	PLT497	PVT
Unless otherwise authori squawk which VFR code	zed, if flying a transponder equipped aircraft?	t, a recreational pilot should
A) 1200.		
B) 7600.		
C) 7700.		
552.	PLT064	PVT
•	<ol><li>The day VFR visibility and cloud clearand stown, after departing and climbing out of the</li></ol>	•
A) 1 mile and clear of clo	ouds.	
B) 1 mile and 1,000 feet	above, 500 feet below, and 2,000 feet horize	ontally from clouds.
C) 3 miles and clear of cl	louds.	
553.	PLT442	PVT
If a recreational or private review required?	e pilot had a flight review on August 8, this y	rear, when is the next flight
A) August 8, next year.		
B) August 31, 1 year late	er.	

C) August 31, 2	2 years later.	
554.	PLT163	PVT
	lled airspace, the minimum flight vi 00 feet AGL and below 10,000 fee	sibility requirement for a recreational pilot flying t MSL during daylight hours is
A) 1 mile.		
B) 3 miles.		
C) 5 miles.		
555.	PLT401	PVT
When, if ever, r	may a recreational pilot act as pilot	in command in an aircraft towing a banner?
A) If the pilot ha	as logged 100 hours of flight time in	n powered aircraft.
B) If the pilot hat C) It is not allow	•	ogbook from an authorized flight instructor.
556.	PLT467	PVT
With respect to	daylight hours, what is the earliest	time a recreational pilot may take off?
A) One hour be	efore sunrise.	
B) At sunrise.		
C) At the begin	ning of morning civil twilight.	
557.	PLT161	PVT
	ecreational pilot operate to or from a control tower is in operation.	an airport that lies within Class C airspace?
, •	eiling is at least 1,000 feet and the	surface visibility is at least 2 miles
•	•	ment from an authorized instructor.
O) Altor receive	ng training and a logbook chaolsol	Hent from an authorized mandetor.
558.	PLT161	PVT
	nditions may a recreational pilot op nat has a part-time control tower in	erate at an airport that lies within Class D operation?
,	nrise and sunset when the tower is at least 3 miles.	in operation, the ceiling is at least 2,500 feet, and
B) Any time wh more than 1 mi		iling is at least 3,000 feet, and the visibility is
C) Between sur visibility is at le		closed, the ceiling is at least 1,000 feet, and the
559.	PLT448	PVT
When may a re	ecreational pilot fly above 10,000 fe	et MSL?

A) When 2,000	feet AGL or below.	
B) When 2,500	feet AGL or below.	
C) When outsid	de of controlled airspace.	
560.	PLT163	PVT
During daytime Class G airspa		urface visibility required for recreational pilots in
A) 1 mile.		
B) 3 miles.		
C) 5 miles.		
561.	PLT448	PVT
What exception a passenger fo		lot to act as pilot in command of an aircraft carrying
A) If the passer	nger pays no more than the opera	ating expenses.
B) If a donation	is made to a charitable organiza	tion for the flight.
C) There is no	exception.	
562.	PLT448	PVT
Under what corprospective buy		al pilot demonstrate an aircraft in flight to a
A) The buyer p	ays all the operating expenses.	
B) The flight is C) None.	not outside the United States.	
563.	PLT448	PVT
A recreational p	oilot may act as pilot in command	of an aircraft with a maximum engine horsepower
A) 160.		
B) 180.		
C) 200.		
564.	PLT448	PVT
When may a re	ecreational pilot act as pilot in con	nmand of an aircraft at night?
A) When obtain	·	ting under the supervision of an authorized
B) When obtain	•	ting under the supervision of an authorized

,	surface or flight visibility is at least 5 statute r	
565.	PLT163	PVT
During daytime, what is a larspace below 10,000 fe	the minimum flight visibility required for recreet MSL?	eational pilots in controlled
A) 1 mile.		
B) 3 miles.		
C) 5 miles.		
566.	PLT448	PVT
A recreational pilot acting aboard the aircraft	g as pilot in command must have in his or he	er personal possession while
A) a current logbook end	dorsement to show that a flight review has be	een satisfactorily accomplished.
B) a current logbook end airport.	dorsement that permits flight within 50 nautio	al miles from the departure
C) the pilot logbook to shoen met.	now recent experience requirements to serve	e as pilot in command have
567.	PLT448	PVT
May a recreational pilot a	act as pilot in command of an aircraft in furth	erance of a business?
A) Yes, if the flight is only	y incidental to that business.	
B) Yes, providing the air	craft does not carry a person or property for	compensation or hire.
C) No, it is not allowed.		
568.	PLT442	PVT
If a recreational or privat review required?	e pilot had a flight review on August 8, this y	ear, when is the next flight
A) August 8, 2 years late	er.	
B) August 31, next year.		
C) August 31, 2 years la	ter.	
569.	PLT442	PVT
Each recreational or priv	rate pilot is required to have	
A) a biennial flight reviev	V.	
B) an annual flight review	w.	
C) a semiannual flight re	view.	
570.	PLT448	PVT

How many passenge	ers is a recreational pilot a	Illowed to carry on board?
A) One.		
B) Two.		
C) Three.		
571.	PLT448	PVT
	ions pertaining to privilege perating expenses of a flight	es and limitations, a recreational pilot may
B) not pay less than		operating expenses of a flight with a passenger.
572.	PLT448	PVT
	tional pilot act as pilot in content the departure airport?	ommand on a cross-country flight that exceeds 50
A) After attaining 10	0 hours of pilot-in-comma	nd time and a logbook endorsement.
B) After receiving groendorsement.	ound and flight instruction	s on cross-country training and a logbook
C) 12 calendar mont endorsement.	ths after receiving his or h	er recreational pilot certificate and a logbook
573.	PLT448	PVT
A recreational pilot new many occupant A) Four. B) Three. C) Two.		nd of an aircraft that is certificated for a maximum of
C) 1 WO.		
574.	PLT163	PVT
	ility and clearance from clet AGL or below during da	ouds are required for a recreational pilot in Class G ylight hours?
<ul><li>A) 1 mile visibility an</li></ul>	nd clear of clouds.	
B) 3 miles visibility a		
C) 3 miles visibility, t	500 feet below the clouds.	
575.	PLT068	PVT
(Refer to figure 20.) Significant Weather A) 4,000 feet. B) 8,000 feet.		ezing level over the middle of Florida on the12-hour

576.	PLT068	PVT
(Refer to figure 20.) Wh during the first 12 hours	nat weather is forecast for the Florida area just?	st ahead of the stationary front
A) Ceiling 1,000 to 3,00	00 feet and/or visibility 3 to 5 miles with conti	nuous precipitation.
B) Ceiling 1,000 to 3,00	00 feet and/or visibility 3 to 5 miles with inter	mittent percipitation.
C) Ceiling less than 1,0	00 feet and/or visibility less than 3 miles with	n continuous precipitation.
577.	PLT455	PVT
A) The estimated time 6 B) The estimated time 6	nat information should be entered in block 12 en route plus 30 minutes. en route plus 45 minutes. le fuel on board expressed in time.	? for a VFR day flight?
578.	PLT446	PVT
	be described as preventive maintenance?	
A) Repair of landing ge	•	
B) Replenishing hydrau	ılic fluid.	
C) Repair of portions of	skin sheets by making additional seams.	
579.	PLT472	PVT
_	light in a helicopter, a pilot experiences low- ese vibrations are normally associated with the	
580.	PLT470	PVT
	emponent that, if defective, would cause med	
581.	PLT221	PVT
	eral rule for pinnacle and ridgeline operations	3?
_	akeoff is more important than gaining airspe	
,	o a ridgeline is usually perpendicular to the i	

C) 12,000 feet.

C) A climb to a pinnacle or ridgeline should be performed on the upwind side.