

Pre-Solo

Written Exam

Student: _____

Instructor: _____

Date: _____

Score: _____

Questions 1 through 16 are multiple choice

QUESTIONS 1 - 8 PERTAIN TO THE _____ airport where you will solo.

Circle the letter preceding the correct answer

1. WHAT IS THE FIELD ELEVATION?

- A. 841'
- B. 1,002'
- C. 1040'
- D. 1061'

2. What IS THE AIRPORT IDENTIFIER?

- A. LZU
- B. RYY
- C. FTY
- D. PDK

3. WHAT IS THE PATTERN ALTITUDE?

- A. 2,000
- B. 2,100
- C. 1,800

4. THE TOWER FEQUENCY IS?

- A. 124.10
- B. 120.90
- C. 125.90
- D. 118.50

5. WHERE IS AV8INC?

- A. NORTHEAST RAMP AT PDK
- B. NORTH RAMP AT PDK
- C. NORTHWEST RAMP AT PDK
- D. CLAIRMONT RAMP AT PDK
- E. WEST RAMP AT PDK

6. THE RUNWAY NUMBERS AT _____ AIRPORT ARE?

- A. 16-34 9-27 2-20L&R
- B. 9-27
- C. 7-25
- D. 9-27 8-26 14-32

7. LONGEST RUNWAY LENGTH AT _____ AIRPORT IS?

- A. 6000'
- B. 5796'
- C. 5,355'
- D. 6001'

8. _____ AIRPORT IS CLASSIFIED BY FAA AS WHAT TYPE AIRSPACE?

- A. B
- B. C
- C. D
- D. E

QUESTIONS 9 - 16 PERTAIN TO FAR PART 61 AND PART 91

9. WHAT PERSONAL DOCUMENTS ARE YOU REQUIRED TO HAVE WITH YOU WHEN YOU FLY SOLO?

- A. PHOTO ID AND MEDICAL CERTIFICATE?
- B. STUDENT PILOT CERTIFICATE AND LOGBOOK WITH PROPER ENDORSEMENTS
- C. INSTRUCTORS AUTHORIZATION

10. WHO HAS THE FINAL AUTHORITY AND RESPONSIBILITY FOR THE OPERATION OF THE AIRCRAFT WHEN YOU ARE FLYING SOLO?

- A. THE INSTRUCTOR
- B. THE FAA
- C. THE PILOT

11. YOU MAY NOT FLY AS PILOT IN COMMAND WITHIN HOW MANY HOURS AFTER CONSUMPTION OF ALCOHOL?

- A. 4
- B. 24
- C. 8

12. WHEN MUST YOU USE SAFETY BELTS AS PILOT IN COMMAND?

- A. DURING TAKEOFF AND LANDING
- B. AT ALL TIMES
- D. ONLY WHILE CARRYING PASSENGERS

13. WHO HAS THE RIGHT OF WAY WHEN TWO AIRCRAFT ARE ON FINAL APPROACH TO LAND AT THE SAME TIME?

- A. THE FASTER AIRCRAFT
- B. THE AIRCRAFT AT THE LOWER ALTITUDE
- C. THE LARGER AIRCRAFT

14. YOU ARE ON A HEAD ON COLLISION COURSE WITH ANOTHER AIRCRAFT WHAT SHOULD YOU DO?

- A. DESCEND
- B. TURN TO THE RIGHT
- C. TURN RIGHT AND DESCEND

15. AN AIRCRAFT IS CONVERGING FROM THE RIGHT WHO HAS THE RIGHT OF WAY?

- A. THE AIRCRAFT TO THE RIGHT
- B. THE FASTER AIRCRAFT
- C. NEITHER, BOTH SHOULD TURN RIGHT

16. YOU MUST NOTIFY THE FAA WITHIN HOW MANY DAYS OF A PERMANENT ADDRESS CHANGE?

- A. 30
- B. 10
- C. 90

QUESTIONS 17 - 24 ARE TRUE/FALSE

CIRCLE THE CORRECT ANSWER

17. YOUR TRANSPONDER SHOULD BE SET TO 1200 SQUAWK CODE FOR VFR FLIGHT UNLESS OTHERWISE DIRECTED BY ATC.

- TRUE
- FALSE

18. A LARGE LETTER "X" PLACED AT THE APPROACH END OF A RUNWAY INDICATES THE RECOMMENDED TOUCHDOWN SPOT.

- TRUE
- FALSE

19. THE EMERGENCY FREQUENCY AVAILABLE AT MOST FLIGHT SERVICE STATIONS AND ATC FACILITIES IS 121.5.

- TRUE
- FALSE

20. AN AIRPLANE CANNOT BE FLOWN UNLESS THERE IS AVAILABLE IN THE AIRPLANE A CURRENT APPROVED FLIGHT MANUAL, MARKINGS OR PLACARDS THAT EXPLAIN THE OPERATING LMITATIONS FOR THAT AIRPLANE.

- TRUE
- FALSE

21, AS A STUDENT PILOT, YOU ARE REQUIRED ONLY TO HAVE ENOUGH FUEL TO FLY TO YOUR INTENDED PLACE OF LANDING DURING THE DAY.

- TRUE
- FALSE

22. PREFLIGHT PLANNING IS NOT REQUIIRED BY STUDENT PILOTS IN LOCAL SOLO FLIGHT.

- TRUE
- FALSE

23. A DRUG-RELATED CONVICTION MAY RESULT IN REVOCATION OF YOUR STUDENT PILOT CERTIFICATE AND PREVENT YOU FROM BECOMING A STUDENT PILOT FOR UP TO ONE YEAR.

- TRUE
- FALSE

24. A SOLO ENDORSEMENT IS VALID FOR 120 DAYS.

- TRUE
- FALSE

QUESTIONS 25-30 PERTAIN TO THE AIRCRAFT YOU WILL BE FLYING. YOU MAY USE THE AIRCRAFT POH TO ANSWER THESE QUESTIONS.

25. LIST THE FOLLOWING V-SPEEDS IN KNOTS.

V_{so} _____ V_a _____ V_{sl} _____
V_{no} _____ V_x _____ V_{ne} _____
V_y _____ V_{fe} _____

26. WHAT IS THE BEST GLIDE SPEED?

27. WHAT IS THE FUEL CAPACITY?

TOTAL GALLONS _____

USABLE GALLONS _____

28. WHAT IS THE MAXIMUM TAKE-OFF WEIGHT?

29. WHAT IS THE AIRCRAFT REGISTRATION NUMBER?

30. DESCRIBE THE PROPER PROCEDURE FOR EXECUTING GO-ARROUND FROM FINAL APPROACH.

31. WHAT AIRSPEED IS USED ON THE DOWNWIND LEG OF THE TRAFFIC PATTERN?

32. WHAT AIRSPEED IS USED ON THE BASE LEG OF THE TRAFFIC PATTERN?

33. WHAT AIRSPEED IS USED ON FINAL LEG OF THE TRAFFIC PATTERN?

34. WHAT ARE THE VFR WEATHER MINIMUMS IN CLASS "D" AIRSPACE? FAR 91.155 (a) & (c)

35. WHAT ARE THE VFR WEATHER MINIMUMS IN CLASS "E" AIRSPACE?

36. WHAT ARE THE VFR FUEL REQUIREMENTS?

37. WHAT EQUIPMENT MUST BE IN AN AIRPLANE FOR VFR DAY OPERATIONS? FAR 91.205 (b)

38. WHAT EQUIPMENT MUST BE IN AN AIRPLANE FOR VFR NIGHT OPERATIONS? FAR 91.205 (c)

39. WHEN MUST THE POSITION LIGHTS OF AN AIRPLANE BE LIGHTED? FAR 91.209 (a)

40. WHEN MUST THE ANTICOLLISION LIGHTS OF AN AIRPLANE BE LIGHTED? FAR 91.209 (b)
