MOVEMENT AREA WRITTEN EXAM

Must score 80% or higher to pass

Name: _____   Signature: _____   Date: _____

Reviewed By: _____   **Score: _____**

1. **Each vehicle operator using an airport perimeter (security) gate shall ensure the gate closes behind the vehicle prior to leaving the vicinity of the gate.**
   a. True
   b. False

2. **When escorting another vehicle on the movement area, you shall:**
   a. Always remain in radio contact with the control tower.
   b. Be observant and ensure the person/vehicle you are escorting operates safely and obeys all rules of the movement area.
   c. Never leave the person/vehicle you are escorting.
   d. All of the above.

3. **When the tower instructs you to hold short of the ILS critical area this means:**
   a. Construction is going on in that area and you need to stay clear.
   b. Aircraft are landing using the ILS and you must hold short of the ILS critical area.
   c. You must stay off of the movement area until visibility improves.
   d. You must hold at the movement area boundary line.

4. **The general format for making your initial request to enter the movement area is:**
   (1) State the phrase "Ground" (who you are calling) and then identify yourself (your call sign).
   (2) After Ground has acknowledged your transmission, state who you are, where you are and where you want to go.
   a. True
   b. False

5. **No vehicle operator shall enter the movement area:**
   a. Without first obtaining permission of the Yakima Air Terminal and clearance from Yakima's FCT to enter the movement area.
   b. Unless equipped with an operable two-way radio and be in communication with Yakima's FCT.
   c. Have an operational amber rotating beacon or strobe.
   d. All of the above.

6. **Which of the following is a reportable airport condition to the Airport Manager or Maintenance Personnel?**
   a. Surface irregularities on movement areas, safety areas, or loading ramps and parking areas.
   b. Snow piled or drifted on or near movement areas.
   c. Malfunction of any required lighting system, holding position signs, or ILS critical area signs.
   d. Any of the above.

7. **Taxiway edge lights are blue in color.**
   a. True
   b. False

8. **When you leave the movement area or exit a runway, always advise the tower. Do not use the words "clear" or "cleared" in your transmission. Rather, use _____.**
   a. Departing
   b. Off or exiting
   c. Leaving or egressing
   d. Any of the above

9. **ATCT will advise aircraft and vehicle operators when to hold short of ILS critical areas.**
   a. True
   b. False

10. **While communicating with the Federal Contract Tower (ATCT), the phrase affirmative means?**
    a. Proceed with your message only
    b. "No" or "permission not granted"
    c. Repeat my message to me
    d. Yes

11. **What do rows of white lights along the edge of a movement area denote?**
    a. Safety Areas
    b. Taxiways
    c. Runways
    d. Clear Zones

12. **Penalties for failure to comply with the Airside Vehicular Traffic Regulations shall consist of _____.**
    a. Suspension of airport driving privilege for a period of 30 days
    b. Your state driver's license will be revoked
    c. Immediate termination of airside driving privileges
    d. Restricted access to the SIDA

13. **The intent of access/service road usage is to reduce the potential for an incident between a landing or departing aircraft and vehicles on a runway.**
    a. True
    b. False

14. **A Non-Movement Area Is an area on the airport where aircraft are not allowed to taxi or park**
    a. True
    b. False

15. **Fueling vehicles are permitted to cross Runways provided permission is obtained from the Air Traffic Control Tower.**
    a. True
    b. False

16. **Vehicles needing runway access for disabled aircraft must to do the following:**
    a. Notify Yakima Airport Management and arrange an escort
    b. Notify Yakima ARFF and/or Yakima Tower with the status of the disabled aircraft
    c. No procedures are necessary
    d. A and C above

17. **Drivers are not required to know the location of all access and service roads and where these roads intersect with the movement area.**
    a. True
    b. False

18. **When crossing or moving onto a taxiway, you do not need to receive clearance from the control tower.**
    a. True
    b. False

19. **The pavement area designated 09-27 at Yakima is:**
    a. A taxiway
    b. A taxi lane
    c. A runway
    d. None of the above

20. **Piggybacking is any authorized person allowing (intentionally or unintentionally) others to pass through a secured door or perimeter passengers/vehicle gate**
    a. True
    b. False

21. **What color is the sign that identifies the taxiway that you are on? Fill in the blanks**

    _____lettering, on a

    _____ background.

Questions 22 – 26 concern the use of Air Traffic Control Tower Light Gun Signals; used when radio contact is lost. Put the correct letter in the blank spaces.

22. _____ Cleared to cross, proceed or go   a. Flashing white

23. _____ Exercise extreme caution   b. Steady red

24. _____ Clear the taxiway / runway   c. Flashing red

25. _____ Return to starting point on the airport d. Steady green

26. _____ Stop   e. Alternating red and green

27. The following diagram indicates areas in red are considered the movement area and require vehicle operators to contact Yakima's FCT before proceeding on each specific area:

a. *True*

b. *False*
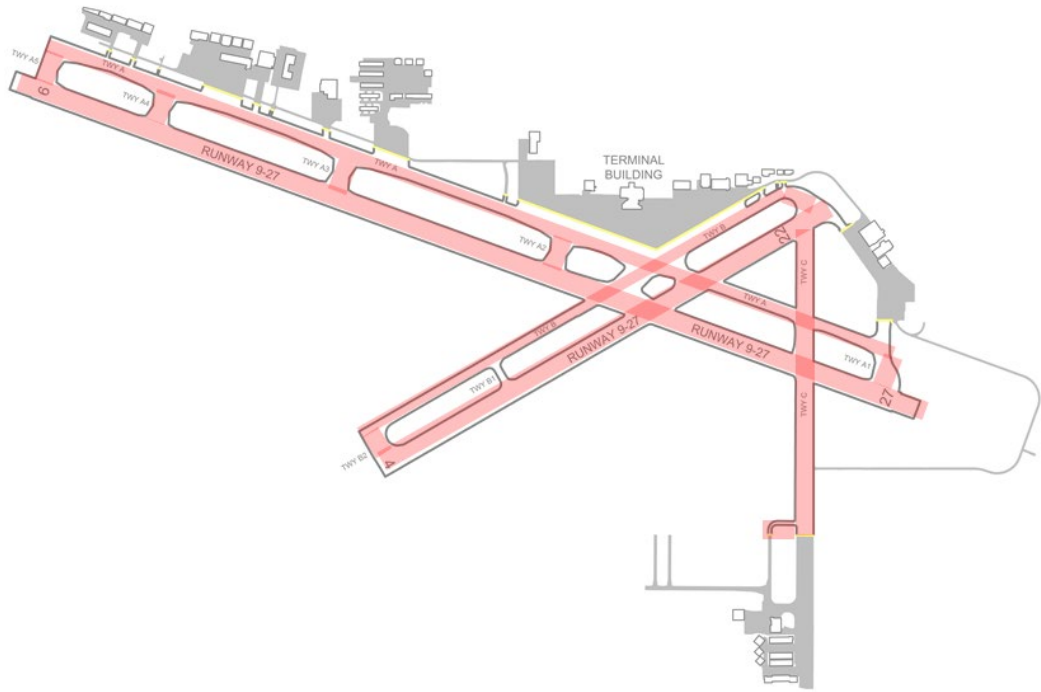
For questions 28-39, match the following definitions with the correct signs and markings on the right.

28. _____ *Taxiway/runway hold position sign*

29. _____ *Taxiway location sign*

30. _____ *Taxiway center line marking*

31. _____ *Taxiway edge marking adjacent to an apron*

32. _____ *Taxiway edge marking adjacent to a shoulder or unstressed pavement*

33. _____ *Taxiway/taxiway hold position line*

34. _____ *ILS critical area exit boundary marking*

35. _____ *Runway centerline marking*

36. _____ *Hold short marking*

37. _____ *Non-movement area boundary line*

38. _____ *Direction/guidance sign*

39. _____ *ILS critical area hold position sign*

A.

B.

C.

D.

E.

F.

G.

H.

I.

J.

K.

L.

For questions 40-60, match the corresponding numbers on the map to the descriptors.

40. _____ Runway 09

41. _____ Runway 27

42. _____ Runway 22

43. _____ Runway 04

44. _____ Taxiway A

45. _____ Taxiway B

46. _____ Taxiway B1

47. _____ Taxiway B2

48. _____ Taxiway A1

49. _____ Taxiway A5

50. _____ Terminal Ramp

51. _____ Taxiway A2

52. _____ Taxiway A3

53. _____ Taxiway A4

54. _____ Taxiway C

55. _____ ARFF (Fire Station)

56. _____ McCormick

57. _____ Airport Admin Bldg

58. _____ Airport Maint Bldg

59. _____ Yakima Air Park

60. _____ Charlie Taxilane
        Development Area
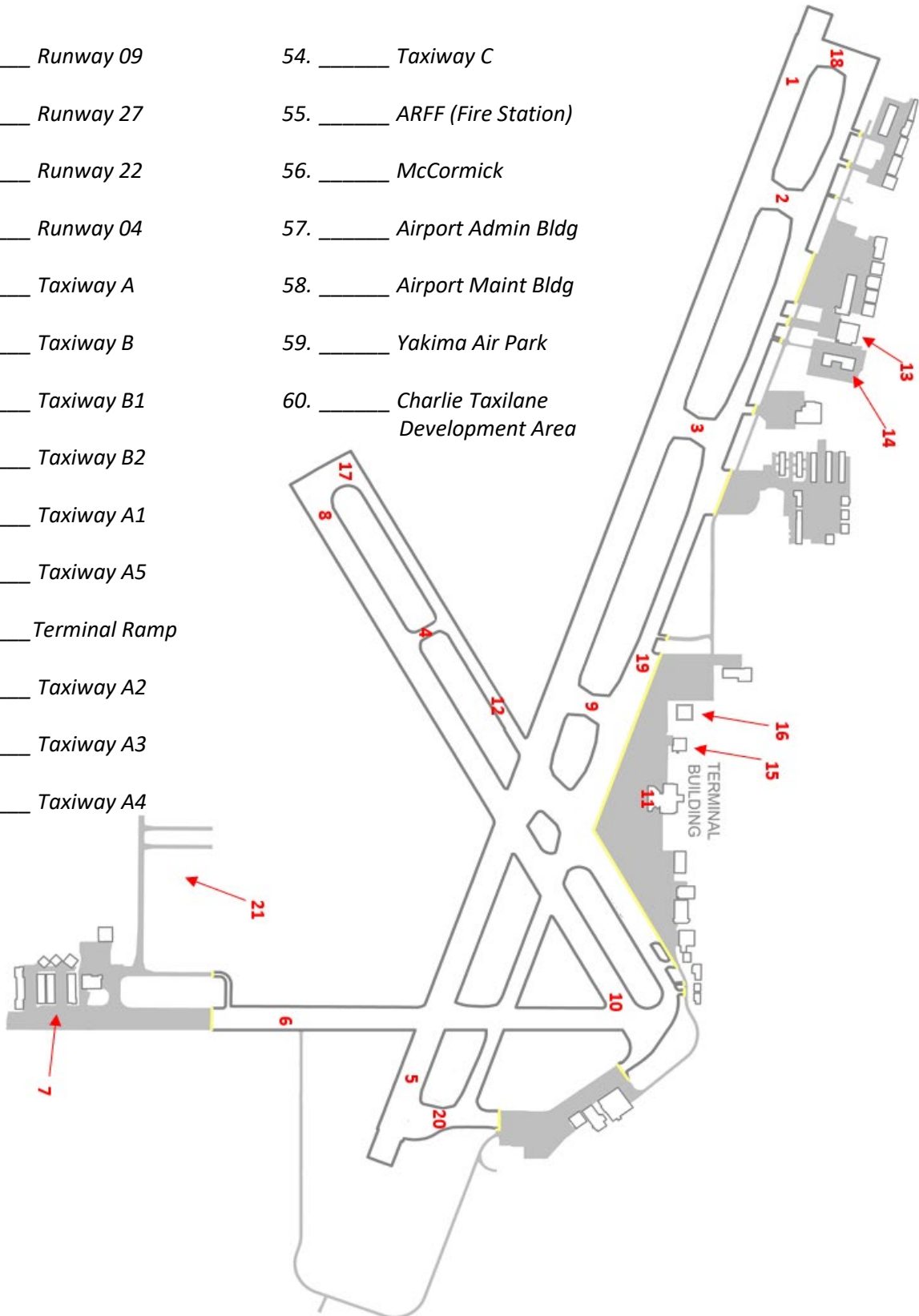
After test is graded, you will be required to complete a practical driving exam on the sections in the following pages with the Operations Manager or an instructor designated by the Operations Manager

MOVEMENT AREA PRACTICAL EXAM

This checklist shall be used to evaluate a trainee's performance for initial certification and recurrent training. The trainee must demonstrate the ability to drive on and/or cross taxiways and runways using correct procedures.

The task column contains all items that must be identified and/or performed by the trainee and observed by the certifier.

Place an "S" for Satisfactory in the last column when the trainee has successfully completed each task. A "U" for Unsatisfactory will be placed in the last column when a trainee fails a task.

The certifier may include comments in the remarks section. Comments are mandatory when a trainee fails the practical exam and must include a detailed description of the event(s) that caused the failure.

This is a pass/fail test. It is the certified trainer's judgment whether or not the trainee is capable of operating a vehicle within the movement area safely. It is also the responsibility of the certified trainer to correct and review all missed questions.

☐ *INITIAL*   ☐ *PASS*

☐ *RECURRING*   ☐ *FAIL*

Company: _____

Trainee's Name: _____

Driver's License Number: _____

Expiration Date: _____

Trainee's Signature: _____

Trainor's Signature: _____

Remarks:
_____
_____
_____
_____
_____

Check the box if trainee has passed that section

I.   **Radio Communication and Equipment Procedures. Demonstrate the ability to:**
- ☐ Operate radio equipment
- ☐ Turn on vehicle strobe light prior to entering the movement area
- ☐ Establish initial radio contact with ground control
- ☐ Request to drive on the movement / safety areas
- ☐ Request a clearance to drive on and/or cross taxiways and runways
- ☐ Read-back of all "hold short" instructions
- ☐ Radio communications are clear, concise and understandable

II.   **Airfield Familiarity. Identify/Define:**
- ☐ Active runway(s)
- ☐ Approach and departure end of the runway(s)
- ☐ Runway / Taxiway safety areas:
    - ☐ When on a paved surface
    - ☐ When off a paved surface (infield grass area)
- ☐ ILS critical areas
- ☐ Facilities:
    - ☐ Localizer
    - ☐ Glideslope
- ☐ Location of access roads that intersect the movement area
    - ☐ Holding position on access roads prior to entering movement area
    - ☐ Holding position on access roads that intersect Taxiways
- ☐ Automated Surface Observing System (ASOS)
- ☐ Wind socks

III.   **Airport Markings. Identify / Define:**
- ☐ Non-Movement area boundary marking
- ☐ Taxiway centerline markings
- ☐ Enhanced taxiway centerline markings
- ☐ Taxiway edge markings, both double solid and double dashed lines

- ☐ ILS critical area (includes stopping at hold short points as required)
- ☐ Taxiway to Runway hold position marking, includes stopping at hold short points as required
- ☐ Runway designation marking
- ☐ Runway side stripe marking
    - ☐ Runway centerline marking
    - ☐ Runway threshold marking
    - ☐ Surface painted holding position signs

IV.   **Airport Signs. Identify / Define:**
- ☐ Taxiway direction / guidance signs
- ☐ Taxiway location signs
- ☐ ILS critical area
- ☐ Taxiway to Runway hold position signs, includes stopping at holding position points as required
- ☐ Runway to runway hold position signs, includes stopping at holding position points as required
- ☐ Outbound destination signs

V.   **Right of Way Rule**
- ☐ Demonstrate

VI.   **Light Gun Signals. Identify / define**
- ☐ Steady green light
- ☐ Steady red light
- ☐ Flashing red light
- ☐ Flashing white light
- ☐ Alternating red and green light

VII.   **Reporting unsafe airport conditions. (Airport Condition Reporting)**
- ☐ Review of FAR Part 139.339 and the ACM, Section D(4)
- ☐ Who is notified of unsafe airport conditions