

**This questionnaire is being administered to all individual applicants who have recently taken, for the first time, and passed an Airframe and/or Powerplant (A and/or P) Mechanic Certification test.**

1. During the previous 12 months which one of the following best describes the Mechanic certifications you earned?
  - Airframe
  - Powerplant
  - Airframe/Powerplant
  - Neither (please stop here and return the survey in the envelope provided)
  
2. How long has it been since you completed the computer knowledge test?
  - Less than 1 month
  - 1 to 3 months
  - 3 to 6 months
  - More than 6 months
  
3. How long has it been since you completed the oral and practical test?
  - Less than 1 month
  - 1 to 3 months
  - 3 to 6 months
  - More than 6 months
  
4. Did you obtain a copy of the Practical Test Standards (PTS) for the certificate or rating for which you were applying?
  - Yes      No/Do not know
  
5. Did you use the PTS to help you prepare for the test?
  - Yes      No
  
6. Did you graduate from an FAA-approved 14 CFR Part 147 Aviation Maintenance Technician School?
  - Yes      No (If No, skip to Item 8 )

7. If you are a graduate of an FAA-approved 14 CFR Part 147 Aviation Maintenance Technician School, did you take your application to the local FAA Office to obtain authorization to test for the A and/or P certificate or rating?
- Yes     No
8. Did you meet the FAA's experience requirements by actual practical experience?
- Yes     No
9. Which of the following most accurately describes your most recent practical test for the A and/or P certificate?
- A complete test (not interrupted) resulting in the issuance of a temporary certificate
- A pass/fail situation with a temporary certificate issued for one rating only
- An incomplete test discontinued due to one of the following; select one:
- Interruption
  - Lack of adequate facilities or equipment
  - Examiner not prepared
  - Illness
  - Other nonperformance-related factor. Please explain. \_\_\_\_\_
10. Did you take your oral and practical test simultaneously with another applicant?
- Yes     No
11. If yes, during which portion(s) were you simultaneously tested?
- Oral Portion
- Practical Portion
- Both Oral and Practical Portions
12. To what extent was the DME who conducted your oral and practical test prepared and organized to conduct the test when you arrived?
- Not at all
- Limited Extent
- Moderate Extent
- Considerable Extent
- Great Extent

13. To what extent was the oral portion of the test conducted in a place that was free from distractions?

- Not at all
- Limited Extent
- Moderate Extent
- Considerable Extent
- Great Extent

14. To what extent did the examiner use a prepared written plan while conducting the oral and practical exam?

- Not at all
- Limited Extent
- Moderate Extent
- Considerable Extent
- Great Extent

15. How much time did you spend on the oral portion of your examination prior to beginning the practical portion?

- Less than 3 hours
- 3 to 4 hours
- 4 to 5 hours
- 5 to 6 hours
- 6 to 7 hours
- 7 to 8 hours
- More than 8 hours
- Conducted simultaneously with the practical

16. How much time did you spend on the practical portion of your examination?

- Less than 3 hours
- 3 to 4 hours
- 4 to 5 hours
- 5 to 6 hours
- 6 to 7 hours
- 7 to 8 hours
- More than 8 hours

17. Have you ever failed an oral or practical test for the A and/or P rating?

Yes     No

If yes, please explain which rating and section \_\_\_\_\_.

18. Did the DME conduct a pretest interview with you?

Yes     No

19. Did the DME conduct a post test out briefing with you?

Yes     No

20. How did you determine which DME to use for testing?

Location

Price

Availability

Referral

## Core Competencies

### General

21. Were you provided the opportunity to demonstrate your ability in performing any of the following?

- Using measuring equipment to measure a circuit or circuit component(s), voltage, current, resistance, or continuity
- Determine the appropriateness of measurement(s) according to instructions/specifications.
- Both
- Neither
- Do not recall

22. Were you provided the opportunity to demonstrate your ability to calculate weight and balance, Center of Gravity, and complete the aircraft weight and balance documentation?

- Yes
- No
- Do not recall

23. Were you provided the opportunity to demonstrate your ability in performing any of the following?

- A. Rigid line fabrication to include tube fittings, bending, and tube flaring.
- B. Flexible line fabrication using replaceable fittings on at least one end.

- A
- B
- Both
- Neither
- Do not recall

24. Were you asked to demonstrate your ability in torquing to specification(s)?

- Yes
- No
- Do not recall

25. Were you provided the opportunity to demonstrate your abilities in safety wiring of aircraft component(s) or hardware?

- Yes
- No
- Do not recall

26. Were you asked to demonstrate your abilities in inspecting for and identifying two or more of the various forms of corrosion that affect aircraft?

- Yes
- No
- Do not recall

27. Were you provided the opportunity to demonstrate your ability to write appropriate entries on FAA Form 337, Major Repair and Major Alteration, indicating performance of a major repair, and make appropriate corresponding aircraft maintenance record entries?

- Yes
- No
- Do not recall

28. Were you provided the opportunity to demonstrate your abilities in being able to:

- A. Read, comprehend, and apply information contained in a manufacturer's maintenance manual or illustrated parts manual?
- B. Locate and list all applicable Airworthiness Directives (AD) for at least one particular make, model, and serial number of an aircraft, engine, propeller, or appliance?

- A
- B
- Both
- Neither
- Do not recall

**AIRFRAME (If you did not take the Airframe portion of the test for an Airframe certificate, please skip to Item 35)**

29. Were you provided the opportunity to demonstrate your abilities in the installation and removal of at least two or more types of rivets?

- Yes
- No
- Do not recall

30. Were you asked to demonstrate your ability to check and/or set control surface cable tension?

- Yes
- No
- Do not recall

31. Were you asked to examine an aircraft maintenance record, and determine if an inspection and/or maintenance was due?

- Yes
- No
- Do not recall

32. Were you asked to perform an inspection of an installed brake for serviceability?

- Yes
- No
- Do not recall

33. Were you asked to select and install a hydraulic seal?

- Yes
- No
- Do not recall

34. Were you asked to service a fuel system strainer?

- Yes
- No
- Do not recall

35. Were you provided the opportunity to demonstrate your skills in troubleshooting an electrical system or portion thereof, using appropriate tools and/or test equipment?

- Yes
- No
- Do not recall

**POWERPLANT (If you did not take the Powerplant portion of the test for a Powerplant certificate, please skip to Item 42)**

36. Were you asked to perform an inspection of a reciprocating and/or turbine engine installation in accordance with the manufacturer's instructions?

- Yes
- No
- Do not recall

37. On which of the following were you provided the opportunity to demonstrate your skills while performing an inspection of engine, electrical, and/or mechanical instrument systems?

- Temperature
- Pressure
- RPM
- Rate of flow
- None of the above



38. On which of the following were you provided the opportunity to demonstrate your abilities to perform?

- Check engine timing.
- Check a magneto switch for proper operation.
- Inspect a turbine engine ignition system for proper installation.
- Inspect a starter/generator for proper installation.
- Inspect magneto points.
- None of the above.

39. On which of the following were you provided the opportunity to demonstrate your abilities?

- Check a fuel selector valve for proper operation.
- Inspect an engine fuel filter assembly for leaks.
- Inspect a repair to an engine fuel system.
- None of the above.

40. Were you asked to perform an inspection of an engine induction or airflow system which includes at least one of the following?

- Engine ice control system
- Induction manifolds
- Neither of the above

41. Were you asked to perform an inspection of an engine exhaust system and/or turbocharger system?

- Yes
- No
- Do not recall

42. Were you asked to perform an inspection of an engine which included any of the following?
- A.** Inspection of a propeller installation, and make a minor repair on an aluminum propeller.
  - B.** Determine what minor propeller alterations are acceptable using the appropriate type certificate data sheet?

- A
- B
- Both
- Neither

43. Date completing this survey (today's date).

44. In which state was your oral and/or practical conducted? \_\_\_\_\_