

American Airlines Inc.

Qualifying Test

Classification(s)	Test Title	Test Number	Revision Date
AMT, Crew Chief AMT	Aircraft Line Maintenance	A-25	2/11/92

**Note:** Jobs/equipment are to be selected by the Test Examiner. All safety precautions must be fully complied with and will be considered equally as important as proper procedures during the accomplishment of a job.

1. Demonstrate the proper procedure for execution/generating of all applicable tags, work cards, and/or forms used with line maintenance.
2. Demonstrate the proper procedure and ability to obtain, interpret, and comprehend information and specifications by use of manuals and/or manual machines/computers relative to procedures, part numbers, prints and schematics.
3. Demonstrate the purpose and use of Air Transport Association (ATA) codes, Minimum Equipment Lists (MEL's) and Required Inspection Items (RII).
4. Demonstrate the proper procedure for removing, installing and operational/functional check of flight controls.
5. Demonstrate the proper procedure for removing, installing and operational check of fuel boost pump, refuel/defuel valve and fuel quantity indicator.
6. Demonstrate the proper procedure for draining, filling, flushing, and operational check of hydraulic systems.
7. Demonstrate the proper procedure for removing, installing, servicing and operational check of landing gear wheel assembly and brake assembly.
8. Demonstrate the proper procedure for ground handling of an aircraft.
9. Demonstrate the proper use of Structure Repair Manual (SRM) and making a flush patch repair.
10. Demonstrate the proper procedure for using hangar support equipment, air conditioning packs, constant speed drives, generators, auxiliary power units, aircraft engines, wheel and brake assemblies, including aircraft jacks and various lifting equipment.
11. Demonstrate the proper procedure for performing fluid, grease, gas or air servicing including fuel transfer and fuel tank draining procedures.
12. Demonstrate the proper procedure for accomplishing "A" check, Periodic Service check and gear pin removal.
13. Demonstrate the proper procedure for removing, installing and operational check of a dump valve in lavatory system.
14. Demonstrate the proper procedure for troubleshooting fire extinguisher systems.
15. Demonstrate the proper procedure for replacing, functional checking or troubleshooting; air conditioning system.
16. Demonstrate the proper procedure for removing, installing, adjusting and functionally checking a fuel control, generator, thrust reverser, constant speed drive, or integrated drive generator.

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17. Demonstrate the proper procedure for removing, installing, and adjusting a passenger entrance door, service door, cargo door, or engine cowling.
18. Demonstrate the proper procedure for operational check of thrust reversers.
19. Demonstrate the proper procedure removing, installing, and functionally checking flight deck instruments and components.
20. Demonstrate the proper procedure for operational check and servicing of the ice and rain protection system.
21. Demonstrate the proper procedure removing/installing an aircraft battery or ignition box.
22. Demonstrate the proper procedure removing, installing and functionally checking and/or adjusting a coffee maker unit, cockpit or cabin seat, and evacuation slide.
23. Demonstrate the proper procedure for removing, installing, adjusting and functionally checking an interior and/or exterior lighting system and/or emergency isle lighting system.
24. Demonstrate the proper procedure for functionally checking and troubleshooting or replacing a component of the crew or passenger oxygen system.
25. Demonstrate the proper procedure for removing, installing and functionally checking an Auxiliary Power Unit or A.P.U. system.

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