



ANTIQUUE FIRE APPARATUS INSPECTION CHECKLIST

(Authored by Rocky Keplinger)

GENERAL INFORMATION

Manufacturer _____ Year _____ Type _____
Motor Info _____ Transmission Info _____
Pump Info _____ Aerial Info _____
Mileage _____ Engine Hours _____ Pump / Aerial Hours _____ Last Serviced _____

FLUID LIST (TYPE AND QUANTITY)

Motor Oil _____	Coolant _____
Transmission _____	Primer _____
Power Steering _____	Clutch _____
Brake Fluid _____	Transfer Case _____
Fire Pump _____	Differential _____
Aerial Hydraulics _____	Pressure Governor _____

INSPECTION POINTS

MOTOR / CHASSIS

Motor Oil - Proper level, clean <input type="checkbox"/>	Under Chassis – No damage or fluid leaks <input type="checkbox"/>
Transmission Fluid (if applicable) – Proper level <input type="checkbox"/>	Suspension – No cracks/damaged components <input type="checkbox"/>
Power Steering Fluid (if applicable) – Proper level <input type="checkbox"/>	Wheel Hubs – No evidence of lubricant leaks <input type="checkbox"/>
Coolant – Proper level <input type="checkbox"/> PH - _____	Wheels / Lugs – Lugs tight, no rust from split rims <input type="checkbox"/>
Brake Fluid - (If applicable) <input type="checkbox"/>	Tires – No damage, unusual wear or deterioration <input type="checkbox"/>
Clutch Fluid - (If applicable) <input type="checkbox"/>	Tire Pressures – Front - _____psi. Rear - _____psi.
Belts – Proper tension, no deterioration <input type="checkbox"/>	Grease Undercarriage – <i>(Raise vehicle to remove weight from suspension system to allow proper application of lubrication)</i> <input type="checkbox"/>
Hoses – No deterioration or leakage, clamps tight <input type="checkbox"/>	
Batteries – Clean, Tight connections, water level <input type="checkbox"/>	

CAB

Interior – Clean <input type="checkbox"/>	Driver Seat – Secure, proper adjustment <input type="checkbox"/>
Glass – Intact, clean <input type="checkbox"/>	Seatbelts (If applicable) – Functional, no damage <input type="checkbox"/>
Mirrors – Properly adjusted <input type="checkbox"/>	Equipment – Properly secured <input type="checkbox"/>

VEHICLE EXTERIOR

Cab and Body – No damage, loose parts <input type="checkbox"/>	Hose / Ladders / Equipment – Properly secured <input type="checkbox"/>
Glass / Mirrors – Intact, Clean <input type="checkbox"/>	<i>(Consider securing equipment with plastic cable ties for long trips)</i>
Doors (Cab and Compartment) – Close securely <input type="checkbox"/>	

LIGHTS AND SIGNALS

Lights – All chassis (DOT) and warning lights operating properly
Audible Signals – Horns and sirens working properly

VEHICLE SYSTEMS

- Engine – Starts easily, runs smoothly
 - Brakes (Hydraulic) – Pedal travel and “feel”, no evidence of leakage
 - Brakes (Air) – System builds and holds pressure, air tanks drained
 - Brakes (Air) – S-Cam brakes adjusted to allow 1½” to 1¾” stroke
 - Brakes (General) – Proper adjustment, stop vehicle with normal effort
 - Brakes (Parking) – Hold vehicle securely at all times
 - Engine Brake (If applicable) – Operating properly
 - Transmission (Manual) – Shifts smoothly, clutch properly adjusted
 - Transmission (Automatic) – Engages and shifts smoothly
 - Steering – Operates properly without excessive play or turning effort
 - Electrical – All switches and gauges working properly; No damage to/deterioration of electrical wiring
- (Consider installing an air dryer on apparatus with air brakes, if not already equipped)***

ROAD TEST

- Overall vehicle operation – All vehicle components operating properly, vehicle is roadworthy

FIRE PUMP (IF APPLICABLE)

- General Operation – Engages/disengages appropriately, builds and maintains pressure
- Gauges – Operating properly
- Pump Controls – Throttle and pressure relief device operating properly
- Valves / Drains – Operate easily and completely
- Primer – Operates properly, appropriate fluid level
- Caps / Adapters – Securely installed on piping, equipped with chains (as applicable)
- Leaks – No significant water or lubricant leaks

AERIAL DEVICE (IF APPLICABLE)

- Hydraulic Pump – Engages/disengages properly, correct fluid level, no excessive noise during operation
- Outriggers / Stabilizers – No damage, operate properly, hold securely
- Jack Plates – Present, no damage
- Aerial Controls – Operate smoothly with normal effort
- Aerial Hydraulics – No evidence of damage, loose fittings or leakage, control valves operating properly
- Aerial Lubrication / Adjustment – Proper lubrication of slide points, proper cable adjustment
- Aerial Operation – Elevates, extends and rotates properly and smoothly, no excessive wear or damage
- Aerial Cradle / Lockdowns (If applicable) – Cradle is secure with no damage, lockdowns hold securely
- Aerial Structure – No damage or deterioration of rungs and other structural components

SPECIAL COMPONENTS/EQUIPMENT

- Generators – Proper fluid levels, starts easily and operates properly
- Winch – Operates properly, cable is smooth, undamaged and wound uniformly on spool

PROBLEMS FOUND, REPAIRS OR CORRECTIONS MADE, OTHER REMARKS
