

Air Brake System Test

Safety Note: Chock Wheels before starting test

WEEKLY APPARATUS INSPECTIONS	1	2	3	4	5
Complete Daily Inspection					
Check Service Records					
Engine Compartment					
Outside					
Drain Air Tanks					
Tire Pressure					
Front #					
Rear #					
Lug Nuts					
Equipment					
Inspect SCBAs					
#					
#					
#					
#					
Operate Power Equipment					
Operate Rescue Equipment					
Medical Inventory					
Exercise Ladders					
Body					
Check Chassis (Lube as needed)					
Check Nuts/Bolts					
Check Oil Leaks					
Pump Operations					
Operate Pump					
Exercise Relief Valve					
Exercise Valves & Drains					
1ST MONDAY OF MONTH					
Run Foam Pump 5 min.					
Clean/Wax all Ground Ladders					
Initial					

REPAIRS

Date	Discrepancies	Corrective Action	Mat. Cost	Hours	Initial

APPARATUS INSPECTION REPORT

1. CHECK AIR COMPRESSOR GOVERNOR CUT-IN & CUT-OUT:

C – Air compressor cut-in

- * At 100 p.s.i. the air compressor should start pumping. Note: No lower than 85 p.s.i.
- * With the engine idling, pump the brake to reduce the air tank pressure

O – Air compressor cut-out

- * At approximately 120 p.s.i. the air compressor should stop pumping
- * Stop pumping the brakes when the compressor cuts in. Allow the air compressor to refill.

2. LOW PRESSURE WARNING SIGNAL TEST:

L – Low pressure warning

- * Warning Signal must come on before 60 p.s.i.
- * Shut the engine off when air is about 100 p.s.i. Leave the battery on. Pump brake pedal until warning signal sound.

3. TEST AIR LEAKAGE RATE:

A – Air leakage

- * With a fully charged air system (120 p.s.i.) turn off the engine, release the service brake (brake off), note air pressure and time the air pressure drop: No more than 2 p.s.i. loss in one minute.
- * Release all brakes and then apply full steady pressure to the brake pedal (brake on), note air pressure and then hold for one minute. After the initial pressure drop the air pressure should not fall: No more than 3 p.s.i. drop in one minute with brake pedal applied.

4. PARKING BRAKE TEST:

- * Allow the vehicle to move slowly. Apply the parking brake.
- * The vehicle must come to a complete stop.

REMARKS

Date	Remarks	Initial

FUEL & OIL REPORT

Date	Gals/Qts	D	G	O	Mileage	Initial

Month _____

APPARATUS INSPECTION REPORT

Apparatus Number _____

DAILY INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Engine Compartment																																				
Radiator Level																																				
Leaks/Hoses																																				
Oil Level																																				
Power Steer Fluid																																				
Engine belts																																				
Batteries																																				
Water Level																																				
Terminals																																				
In Cab																																				
Chk Gauges																																				
Chk Mirrors/Windows																																				
Steering Play (2")																																				
Wipers/Washers																																				
Headlights																																				
Turn Signals																																				
Emergency Flashers																																				
Code 3 Lights																																				
Siren/PA																																				
Radio Scan List																																				
Horn																																				
Safety Belts																																				
Fuel Level																																				
Air Brakes (COLA)																																				
Parking Brake Test																																				
Inventory																																				
Mark 1 Kit																																				
Outside Cab																																				
Outside Lights																																				
Reflectors																																				
Fuel Fill Area																																				
Tires/Rims (ICD)																																				
Slack Adjusters																																				
Front																																				
Rear																																				
Hoses/Nozzles																																				
Inventory																																				
Pump Panel																																				
Position of Controls																																				
Water Level																																				
Initial																																				