## White Mountain Apache Fire & Rescue Department

# Weekly Fire Apparatus Check-Off Sheet

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| Shift: A B C (Circle) | Engineer: | Apparatus: |
| Date: | Mileage: | Hours: |
| **THINGS TO CHECK** | **THINGS TO DO/LOOK FOR** | **OK** | **Comments** |
| Last Inspection  | Review last week’s inspections report. |  |  |
| General condition of body | Damage to body – dents, paint, mirrors, lens. Write up any body damage found. |  |  |
| Look under apparatus | Fresh oil, coolant, grease or fuel leaks. |  |  |
| Front and rear spring hangers and steering gear | Cracks in springs or hangers. Loose bolts, apparatus leaning, leaks. Lube every six (6) months. |  |  |
| Drive shafts and pump transfer case | Loose U-joints, check fluid level (site glass or remove bolt). Refill as necessary. Leaks? Lube every six (6) months. |  |  |
| Axles (Front and/or rear) | Check U-bolts for tightness, check fluid levels. Leaks? |  |  |
| Air tanks | Sounds of air leaks? Remove moisture from air tanks. |  |  |
| Tires | Cuts, low air pressure, cracked rim, loose lug nuts, tread depth. Check pressures on all tires. |  |  |
| Mirrors | Mounts and cracks. Adjustment. |  |  |
| Driving Lights | Headlights (low and high), turn, brake, hazards, clearance and side markers. Replace as needed. |  |  |
| Emergency Lights | Check all emergency lights. Replace as needed. Cracked lens? |  |  |
| Windshield | Chips, cracks or water leaks around molding. |  |  |
| Winch (if applicable) | Operation, winch cables, remote (if applicable) |  |  |
| Ladder rack (if applicable) | Check fluid level. Leaks. |  |  |
| Wheel chocks | Secured. At least two (2) on board. |  |  |
| **Engine Compartment**  |
| Transmission | Run engine to normal operating temperature and allow to run when checking. No rust on dipstick or reddish or milky color. |  |  |
| Engine Oil | Run engine to normal operating temperature and turn off. Allow 3 minutes for oil to settle. Correct level? Milky in color, smell of fuel? |  |  |
| Radiator  | Correct level – no oil or fuel contamination. Check all hoses (upper and lower for leakage, soft hose and broken/loose clamps) |  |  |
| Belts | Cracks, missing or loose. |  |  |
| Power steering | Correct level, leaks, red in color. Check hoses for leakage or rubbing. |  |  |
| Battery | Make sure they are tight with no breaks. Leaks, smell of eggs (bad battery), or corrosion.  |  |  |
| Air filter | Clean, needs replacement? |  |  |
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| **Inside Cab** |
| Dash Gauges/Instrumentation | Report the follow readings while engine is running at normal operating temperatures. Refuel gas if <3/4. |  | Oil Pressure:Voltmeter:Air Pressure:Transmission Temp:Water Temp: |
| Interior lighting | Instrument panel, dome lights, door lights and spot lights (if applicable). |  |  |
| Horns and Sirens | Operate all systems. |  |  |
| Seats and Seatbelts | Adjustment mechanisms (manual or air), upholstery, SCBA brackets. Clips and unclips without difficulty, frayed seatbelts, loose bolts. |  |  |
| Heating/Ventilation | Defroster, AC, heater working. |  |  |
| Communication system (radios) | Transmitting and receiving. Speaker sound, headsets. |  |  |
| Air brakes (Utilize DOT Airbrake Test Procedures) | Check for leaks, pulling, low air alarm/buzzer, warning lights and compressor (pressure build up, cut off, etc.). |  |  |
| 4-Wheel Drive (if applicable) | Engage 4 wheel drive. |  |  |
| Wipers  | Check wipers, fluid pump operation. Wiper effectiveness? |  |  |
| Doors | Latching mechanism, locks and window operation (manual or electric). |  |  |
| Pump engagement | Engage pump. Check lights and ease of operation. |  |  |
| **Pump and Pump Components** |
| Primer oil and pump (if applicable) | Check primer oil levels. Fill as needed with 30 weight “non detergent” oil. Leaks? Pull to lubricate primer pump. |  |  |
| Compressor oil (if applicable) | Check compressor oil level. Fills as needed. Leaks? |  |  |
| Pump panel | Check lights (“Ok to Pump” light, pump panel lights), pressure and other gauges, water level, check throttle. |  |  |
| Water and foam levels | Visually check water and foam levels. Refill as needed. Leaks? Gauge on pump panel coincide with visual check? |  |  |
| Pressure relief valve (if applicable) | Check and clean screen every six (6) months, run pump to 170 psi with tank to pump valve completely open and tank fill half open. Set relief valve to 170 psi (for non-CAFS) or 150 psi (CAFS). Cloose tank fill and watch relief valve. PRV should open with no more than 30 psi jump in pressure. Leave relief valve set. *Note: Regardless if PRV is set, this needs to be exercised weekly.* |  |  |
| Pressure Governor (if applicable) | Run pressure governor in RPM mode to 150 psi with tank to pump valve completely open and tank fill half open. Switch selector to pressure mode and ensure it maintain 150 psi without fluctuation. Close tank fill and watch pressure. There should be less than 5 psi increase. Reopen tank fill after pressure test. |  |  |
| CAF Systems (if applicable) | Clean strainer every six (6) months. In pump gear at idle, engage CAFS. Light should appear. Flush oil cooler strainer, open CAF cooler, flush out valve under pump psi. Turn off pump. Ensure that pump is re-circulating water. Activate compressor switch. Compressor should be heard and air pressure should register on air pressure gauge. Set compressor to fixed or tool mode (150-200 psi), set comp to auto (air pressure and water pressure should be within 10 psi of each other), set comp to unload (watch for pressure drop), turn off air compressor and allow pump to circulate at idle for 2 minutes.*Note: only engage compressor at idle. Return compressor switch to foam mode.* |  |  |
| Valve operation | Run pump at 100 psi with water circulating (open tank fill half way), open and close all valves not regularly utilized (make sure discharge caps are on), flush out all discharges to remove deposits. Leaks? |  |  |
| Pump Disengagement | Return throttle to idle, recheck gauges, disengage pump, and check lights. Unusual noises during disengagement? Drain remaining water in the discharges. Water leaks? Check underside for oil or water leaks. Top off water as necessary. |  |  |
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| **Exterior Equipment** |
| Onboard power generator | Fluid levels, add as needed, operation, leaks (oil and fuel). Oil change every year. |  |  |
| Compartment doors | Latching mechanisms, actuators and hinges. Compartment lights working? Lubricate as needed. |  |  |
| Exterior tool mounts | Loose bolts, tighten as needed. Tools secured? |  |  |
| Scene lights | Check mast extension, glass, and cords. |  |  |
| **Miscellaneous** |
| Flares, safety triangle or cones |  |  |
| Insurance card(s) |  |  |
| Maps (local and regional) or mapping system |  |  |
| Binoculars |  |  |
| GPS (if applicable) |  |  |
| Clip board w/ necessary forms |  |  |
| Unit PASSPORT |  |  |
| Knox box keys (if applicable) |  |  |
| Jack and lug wrench  |  |  |
| Safety vest (one for each seat, including I.C. vest) |  |  |
| Wildland inventory and agreement |  |  |
| Haz-Mat publications (NAERG, NIOSH Pocket Guide, etc.) |  |  |
| Tire chains (if applicable) |  |  |