



Office of Training
and Certification

New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**ARFF
10-3**

Certification title

**AIRPORT FIREFIGHTING & RESCUE 6TH
EDITION**

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 1002, 2015 Edition

9.1.1

Perform an in-cab operational inspection of an ARFF apparatus. *[NFPA® 1002, 9.1.1]*

For this skills evaluation checklist, students will perform an in-cab operational inspection. Remind students to always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
	Cab						
1	Park the apparatus outdoors, if weather permits.						
2	Set up the inspection area. If indoors, be sure that proper ventilation equipment is in place or doors are open to vent vehicle exhaust.						
3	Chock the vehicle's wheels.						
4	Mount the vehicle cab safely.						
5	Check the seatbelts/restraints. <ul style="list-style-type: none"> a. Be sure that they are securely mounted and operate freely without binding. b. Make certain that the webbing is not damaged, cut, or frayed. c. Check that the buckles open and close freely. 						
6	Check that the mirrors are not missing or broken.						
7	Make sure that the tilt/telescopic steering wheel is in a suitable position and is functioning correctly.						
8	Turn off all accessory electrical switches.						
9	Start the vehicle.						
10	Run the engine at low idle per local SOP/Gs until it has warmed to its operating temperature.						
	Dashboard Gauges						
11	Make sure that all gauges below are functioning in the normal operating range: <ul style="list-style-type: none"> a. Speedometer/odometer b. Tachometer 						

	<ul style="list-style-type: none"> c. Oil pressure d. Fuel gauge e. Ammeter and/or voltmeter f. Air pressure g. Coolant temperature h. Vacuum gauge i. Hydraulic pressure gauge j. Transmission oil temperature gauge k. Engine/Pump hour gauge l. DEF tank full (2010 and newer SCR equipped diesel engines) m. DPF indicator lamp OFF (2007 and newer diesel engines) n. Extinguishing agent gauges 						
12	Check that the speedometer is at or very near zero with the apparatus parked.						
13	Make sure that the fuel gauge reads at least three quarters full or in accordance with departmental SOP/Gs.						
14	Check that all other gauges register within limits specified in operator's manual.						
	Control Operations						
15	<p>Briefly operate all controls in the cab, checking each system below:</p> <ul style="list-style-type: none"> a. Electrical equipment switches b. Turn signal switches c. High beam headlight switches d. Heating and air-conditioning controls e. Radio controls f. Public address systems (if so equipped) g. Audible warning device controls (sirens, auto warning horns, air horns, back-up alarms, seat belt fastening indicators, door open indicators, etc.) <p>CAUTION: Before testing audible warning devices, don appropriate hearing protection. Do not test the operation of audible warning devices indoors or if anyone is standing in front of or near the apparatus. This can cause hearing damage to that person. Test these devices when no one else is in a position to be harmed.</p> <ul style="list-style-type: none"> h. Controls for any computer equipment in the cab (mobile data terminal [MDT], mobile computer terminal [MCT], etc.) i. Windshield wiper controls (check fluid 						

	reservoir in cab) j. Window defroster controls k. Load management system l. Pump m. Turret controls n. Turret valves o. Drive system interlock control						
	Steering Wheel						
16	Check steering wheel free play, noting in apparatus log or on inspection form insufficient or excessive free play. Schedule repair with a certified mechanic if there is inappropriate free play (excess play that does not result in the actual movement of the vehicle's front tires).						
	Air Brake System						
17	With engine off, wheels chocked, transmission in neutral, full air tanks, and parking brake released, press brake pedal to floor.						
18	Note any sounds of air leaking, position of needles. After one minute, air pressure should not drop more than 3 psi (20 kPa) for straight-chassis vehicles or 4 psi (30 kPa) for tractor-drawn aerial apparatus.						
19	With engine off and master switch on, pump brake pedal continually to lower air tank pressure. Warning light and buzzer should activate before 60 psi (420 kPa).						
20	After Step 20 is complete, with parking brake released, continue to pump brake pedal until air brake control sets automatically by the button popping out.						
21	Start engine and let air pressure build up to normal.						
22	When the needle stops climbing, the air compressor has cut out.						
23	Apply the brake pedal, lowering the pressure in the tanks by 5 to 10 psi (35-70 kPa) increments stopping at 85 psi (595 kPa). Ensure the air gauge needle begins to indicate a pressure increase following the test.						
	Documentation						
24	Document the inspection and any maintenance actions, and report any deficiencies per local policy.						
Final Test Result for Entire Task							

Evaluator signature & comments, Test #1	Evaluator signature & comments, Retest #1	Evaluator signature & comments, Retest #2

Evaluators signature		Date		Evaluators signature		Date		Evaluators signature		Date	
Candidate signature & acknowledgement, Test #1				Candidate signature & acknowledgement, Retest #1				Candidate signature & acknowledgement, Retest #1			
By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments				By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments				By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments			
Candidate signature		Date		Candidate signature		Date		Candidate signature		Date	

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