



DRIVER/OPERATOR – AIRCRAFT RESCUE

NFPA Standard 1002, 2017 Edition, Chapter 9

Test Construction Guide

During the final practical examination it is expected that appropriate personal protective equipment (PPE) shall be worn for all skill stations, (unless otherwise indicated) within the skill evaluation sheet. The practical exam shall consist of 8 skill sheets selected from below of which 4 are mandatory and 4 are random selections. The practical exam contains components of Chapters 4 and 9 of NFPA 1002. Prerequisites are F/FII, Haz-Mat Ops, and Driver Operator Chapter 4.

Note: **Apparatus Equipment:** If the Test Apparatus being used does not have any components listed on the skill sheet (i.e. equipment, on board generator) draw a line thru the skill step and write the word **“equipment”**. This rule will be in effect as not all ARFF Apparatus are configured the same. This will not count as a failure for the candidate.

Driver/Operator – Aircraft Rescue Minimum Job Performance Requirements

Skill Sheet	NFPA Section	Tasks	Minimum Selection Required: (for total of 8 Skill Sheets selected)
Random Skills			
1.	4.2.1	General Skill Requirement: Perform Preventative Maintenance Pre-Trip	Select 4 Random Skill Sheets from this category
3.	4.3.2	General Skill Requirement: Driving Alley Dock	
4.	4.3.3	General Skill Requirement: Driving Serpentine	
5.	4.3.4	General Skill Requirement: Driving Confined Space Turnaround	
6.	4.3.5	General Skill Requirement: Driving Diminishing Clearance	
7.	4.3.6	General Skill Requirement: Driving an ARFF Apparatus under simulated emergency conditions	
8.	4.3.7, 911	General Skill Requirement: Perform Weekly Inspection	
Mandatory Skills			
2.	9.1.2, 4.3.1	Driving/Operating: Driving an ARFF Vehicle Road Course	Select 4 Mandatory Skill Sheets from this category
9.	9.1.3	Driving ARFF Apparatus: Off Road	
10.	9.2.1	Maneuver and position an ARFF apparatus: ARFF Apparatus setup	
11.	9.2.2	ARFF Operations: Modulating with Fire Streams	
12.	9.2.3	ARFF Operations: Producing Fire Streams	



**FIRE PROTECTION BUREAU
FIRE SERVICE CERTIFICATION
PO Box 42642
Olympia WA 98504-2642
(360) 596-3945**



DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 1

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017		JPR: 9.1.1 & 4.2.1		SKILL AREA: General Skill Requirement: Preventative Maintenance Pre-Trip			
TASK: The candidate shall perform, document, and complete daily routine tests, inspections, and servicing functions on specified systems and components so that the operational status of the ARFF apparatus is verified.							
CONDITIONS: Given a fire department ARFF apparatus and the provided vehicle inspection checklist. Note: Candidate may use sample checklist or AHJ's checklist.							
PERFORMANCE OUTCOME: The ability to use hand tools, recognize system problems and correct any deficiency noted, with completed departmental forms, according to policies and procedures of Authority Having Jurisdiction.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Inspect and walk around apparatus, ensure safe operation during inspection while looking for signs of damage or leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Check the apparatus forms and documents for pertinent and current information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Demonstrate the ability to use hand tools on the apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Ensure the communication system is operable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Perform and document the ARFF apparatus maintenance inspections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Check that stepping surfaces and hand rails are clean, secure, and in good working order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Check batteries for fluid level,(if applicable)corrosion, and tie downs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Check braking system fluid level or air pressure, low pressure alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9.	Check coolant system for fluid levels, leaks, cleanliness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10.	Check electrical system, including warning devices, headlights, running lights, turn signals, and warning lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11.	Check fuel level, must be kept at level according to AHJ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12.	Check hydraulic fluids for level and leaks (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13.	Check engine oil for fluid level and leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14.	Check wheels, tires for air pressure and wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
15.	Check steering system excessive looseness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
16.	Check engine belts for tightness and wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
17.	Check tools, appliances, equipment, lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
18.	Check windshield, wiper blades, and washer fluid level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
19.	Start apparatus; monitor gauges and control devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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NFPA STANDARD: 1002, 2017		JPR: 9.1.1 & 4.2.1		SKILL AREA: General Skill Requirement: Preventative Maintenance Pre-Trip			
20.	Recognize system problems; document and correctly report any deficiencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21.	Check all exterior equipment for general condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.	Correct any deficiency noted according to the jurisdiction's policies and procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments _____

Retest Approved by _____

Evaluator (Print & Sign)

Candidate Signature

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DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 2

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition		JPR: 9.1.2, 4.3.1		SKILL AREA: Driving/Operating: Driving an ARFF Vehicle Road Course			
TASK: Drive an ARFF vehicle safely over a predetermined route on a public way, and on aircraft movement areas.							
CONDITIONS: Given a fire department ARFF vehicle, access to aircraft movement areas, and a predetermined route, the candidate shall operate the vehicle in a safe manner, and in compliance with all applicable state and local laws, departmental rules and regulations, FAA regulations, and the requirements of NFPA 1500, Section 4.2. To accomplish the driving tasks listed below.							
PERFORMANCE OUTCOME: Drive an ARFF vehicle safely over a predetermined route on a public way that incorporates specific maneuvers and features, and includes driving on aircraft movement areas.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Adjusts and uses mirrors Driver/passengers wearing seat belts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Start apparatus; monitor gauges and control devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Four left turns and four right turns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	One through-intersection and two intersections where a stop has to be made	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	One curve, either left or right	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	A section of limited-access highway that includes a conventional ramp entrance and exit and a section of road long enough to allow two lane changes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	A downgrade steep enough and long enough to require downshifting and braking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	An up-grade steep enough and long enough to require gear changing to maintain speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9.	One underpass or a low clearance, or bridge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10.	Properly gains access onto an active taxiway from control tower	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11.	Uses proper emergency lights while on taxiway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12.	Properly notifies control tower when off taxiway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13.	Maintains safe following distances using automotive gauges and controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14.	Completes all tasks in a safe manner (i.e. accelerate, deceleration, turning, environmental and adverse road conditions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>				

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DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 3

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition		JPR: 4.3.2		SKILL AREA: General Skill Requirement: Driving Alley Dock			
TASK: Back an ARFF apparatus from a roadway into restricted space on both the right and left sides of the vehicles. (Alley Dock)							
CONDITIONS: Given a fire department ARFF apparatus, a spotter for backing, cones, a restricted space 12 feet in width, requiring 90-degree right- or left-hand turn from the roadway so that the vehicle is parked within the restricted areas without having to stop and pull forward and without striking obstructions.							
PERFORMANCE OUTCOME: The candidate shall back a fire department ARFF apparatus from a roadway into restricted space on both the right and left sides of the vehicles. (Alley Dock)							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Adjust and use mirrors for backing and moving apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Driver/passenger(s), using passenger restraint devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Ensure the communication system is operable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Maintain proper control of the aerial during the evolution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Determine and maneuver the aerial into the correct position using a spotter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Complete the skill correctly without crossing over or striking any obstructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>				

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Candidate Name _____ Skill Sheet 4

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 4.3.3	SKILL AREA: General Skill Requirement: Driving Serpentine			
TASK: Maneuver fire department mobile water supply apparatus around obstructions on a roadway while moving forward and in reverse.					
CONDITIONS: Given a fire department mobile water supply apparatus, a spotter for safety while backing, cones, and a roadway with obstructions.					
PERFORMANCE OUTCOME: Maneuver an mobile water supply apparatus around obstructions on a roadway while moving forward and in reverse.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Adjust and use mirrors for backing and moving apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Driver/passenger(s), using passenger restraint devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Ensure the communication system is operable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Maintain proper control of the aerial during the evolution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Determine and maneuver the aerial into the correct position using a spotter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Complete the skill correctly without crossing over or striking any obstructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

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Candidate Name _____ Skill Sheet 5

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 4.3.4	SKILL AREA: General Skill Requirement: Driving Confined Space Turnaround			
TASK: Turn a fire department ARFF apparatus around 180 degrees within a confined space.					
CONDITIONS: Given a fire department ARFF apparatus, a spotter for backing, cones, and a confined area where the vehicle cannot turn around without stopping and backing up.					
PERFORMANCE OUTCOME: The candidate shall turn a fire department ARFF apparatus 180 degrees within a confined space.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Adjust and use mirrors for backing and moving apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Driver/passenger(s), using passenger restraint devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Ensure the communication system is operable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Maintain proper control of the ARFF apparatus during the evolution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Determine and maneuver the ARFF apparatus into the correct position using a spotter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Complete the skill correctly without crossing over or striking any obstructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

Evaluator/Candidate Comments _____

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DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 6

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 4.3.5	SKILL AREA: General Skill Requirement: Driving Diminishing Clearance			
TASK: Maneuver a fire department ARFF apparatus in areas with restricted horizontal and vertical clearances.					
CONDITIONS: Given a fire department ARFF apparatus, cones, and a course that requires the candidate to move through an area of restricted horizontal and vertical clearance.					
PERFORMANCE OUTCOME: The candidate shall maneuver a fire department ARFF apparatus in areas with restricted vertical and horizontal clearance so that no obstructions are struck.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Adjust and use mirrors for backing and moving apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Driver/passenger(s), using passenger restraint devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Ensure the communication system is operable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Maintain proper control of the ARFF apparatus during the evolution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Determine and maneuver the ARFF apparatus into the correct position using a spotter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Complete the skill correctly without crossing over or striking any obstructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	When asked, the candidate shall correctly provide the height and width of the ARFF apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

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DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 7

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 4.3.6	SKILL AREA: General Skill Requirement: Driving an ARFF Apparatus under simulated emergency conditions			
TASK: Drive a fire department ARFF apparatus using defensive driving techniques given an assignment so that control of the vehicle is maintained.					
CONDITIONS: Given a fire department ARFF apparatus and a predetermined route under simulated emergency conditions.					
PERFORMANCE OUTCOME: The candidate will safely complete the task operating the department ARFF apparatus on a predetermined route provided by the Authority Having Jurisdiction.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Ensure vehicle is prepared for departure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Driver/passenger(s) using passenger restraint devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Utilize emergency lights and siren	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Enter traffic in a safe manner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Use defensive driving techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a. Maintain safe following distances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Maintain control of vehicle while accelerating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. Maintain control of vehicle while decelerating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	d. Maintain control of vehicle while turning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	e. Maintain reasonable speed for prevailing conditions (environmental; adverse driving surfaces; road, weather, and traffic conditions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Bring apparatus to a safe stop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Proper use of automotive gauges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

Evaluator/Candidate Comments _____

Retest Approved by _____

 Evaluator (Print & Sign)

 Candidate Signature

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DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 8

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 4.3.7, 9.1.1	SKILL AREA: General Skill Requirement: Perform Weekly Inspection
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TASK: Perform the routine tests, servicing functions and document the readiness inspection of a fire department ARFF apparatus.

CONDITIONS: Given a fire department ARFF apparatus and using the provided inspection/maintenance forms checklist.

PERFORMANCE OUTCOME: The candidate shall use hand tools, recognize system problems and correct any deficiency noted, with completed departmental forms, according to policies and procedures of Authority Having Jurisdiction.

No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Inspect and walk around apparatus, looking for signs of damage or leaks, and to ensure safe operation during inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Check apparatus forms and documents for pertinent and current information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Check that stepping surfaces and hand rails are clean, secure, and in good working order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Check batteries for fluid level(if applicable),corrosion, and tie downs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Check braking system fluid level, for air pressure, low pressure alarm and drain air tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Check coolant system for fluid levels, leaks, cleanliness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Check electrical system, including warning devices, headlights, running lights, turn signals, and warning lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Check fuel level insure within AHJ level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Check aerial hydraulic fluids for level and leaks (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Check engine oil for fluid level and leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Check wheels, tires for pressure and wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Check steering system for range of motion and excessive looseness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.	Check engine belts for tightness and wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.	Check tools, appliances, equipment, lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	Check windshield, wiper blades, and washer fluid level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.	Start apparatus; monitor gauges and control devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17.	Document and correctly report any deficiencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.	Start apparatus and place apparatus in vehicle operations per manufacturer's recommendation and/or AHJ Policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a. Operate the ARFF control device(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Verify operational status of communication systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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NFPA STANDARD: 1002, 2017 Edition		JPR: 4.3.7, 9.1.1		SKILL AREA: General Skill Requirement: Perform Weekly Inspection			
19.	Check and operate all fixed systems and equipment (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Generator and fixed or portable lighting equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Forcible entry equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Rescue equipment (i.e., hydraulic rescue tools and/or portable systems)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Gas-powered tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Air compressor/cascade system, on board air systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Ground ladders and other (AHJ items or equipment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.	Identify system problems; document inspection and maintenance performed and correct deficiencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
21.	Correct use of hand tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
22.	Perform and document ARFF Maintenance Inspection forms and correctly report any deficiencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments _____

Retest Approved by _____

Evaluator (Print & Sign)	Candidate Signature	Date
Retest Evaluator (Print & Sign)	Candidate Signature	Date



DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 9

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition		JPR: 9.1.3		SKILL AREA: Driving ARFF Apparatus: Off Road			
TASK: Drive an ARFF vehicle safely over a predetermined route off of an improved surface.							
CONDITIONS: Given a fire department ARFF vehicle, and a predetermined route, the candidate shall operate the vehicle in a safe manner, and in compliance with all departmental rules and regulations, and the requirements of NFPA 1500, Section 6.2.1 to accomplish the driving tasks listed below.							
PERFORMANCE OUTCOME: Drive an ARFF vehicle safely over a predetermined route off of an improved surface that incorporates specific maneuvers and features which may be encountered during ARFF operations.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Adjusts and uses mirrors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Driver/passengers wearing seat belts (exception: turret operator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Driver avoids obstacles when positioning apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly positions apparatus for a wheel fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Properly positions apparatus for an interior fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Properly positions apparatus for an engine fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Properly positions apparatus for a fuselage impingement fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	All tasks are performed safely and avoids all obstacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>				

Evaluator/Candidate Comments _____

Retest Approved by _____

 Evaluator (Print & Sign)

 Candidate Signature

 Date

 Retest Evaluator (Print & Sign)

 Candidate Signature

 Date



DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 10

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 9.2.1	SKILL AREA: Maneuver and position an ARFF apparatus: ARFF Apparatus setup			
TASK: Maneuver and position an ARFF vehicle.					
CONDITIONS: Given a fire department ARFF apparatus, a turret operator, and an aircraft mock-up of the largest aircraft that uses the airport, the candidate shall properly maneuver and position the vehicle in a safe manner in order to accomplish four given scenarios. The scenarios are (wheel fire, interior fire, engine fire, and fuselage impingement fire).					
PERFORMANCE OUTCOME: Maneuver and position an ARFF vehicle, so that the vehicle is positioned for correct operations at different operational positions.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Adjusts and uses mirrors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Driver/passengers wearing seat belts (exception: turret operator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Driver avoids obstacles when positioning apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Properly positions apparatus for a wheel fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Properly positions apparatus for an interior fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Properly positions apparatus for an engine fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Properly positions apparatus for a fuselage impingement fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	All tasks are performed safely and avoids all obstacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

Evaluator/Candidate Comments _____

Retest Approved by _____

 Evaluator (Print & Sign)

 Candidate Signature

 Date

 Retest Evaluator (Print & Sign)

 Candidate Signature

 Date



DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 11

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 9.2.2	SKILL AREA: ARFF Operations: Modulating with Fire Streams			
TASK: Produce a fire stream while the ARFF vehicle is in motion.					
CONDITIONS: Given a fire department ARFF vehicle, a turret operator, and an aircraft mock-up as a target, the candidate shall properly modulate around the mock-up both forward and in reverse while applying a fire stream onto the mock-up, and continually monitor for potential problems.					
PERFORMANCE OUTCOME: Produce a fire stream while the ARFF vehicle is in motion both forward and in reverse modulation, while continually monitoring for any problems.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Adjusts and uses mirrors, driver/passengers wearing seat belts (exception: turret operator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Engage fire/foam pump, determine correct position for the apparatus, and maneuver apparatus into that position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Apply agent through a fire stream onto the mock-up (forward)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Apply agent through a fire stream onto the mock-up (reverse)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Monitors for potential problems and avoids all obstacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Candidate will describe and determine how long agent will be available based on flow rates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	All tasks are performed safely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

Evaluator/Candidate Comments _____

Retest Approved by _____

 Evaluator (Print & Sign)

 Candidate Signature

 Date

 Retest Evaluator (Print & Sign)

 Candidate Signature

 Date



DRIVER/OPERATOR – AIRCRAFT RESCUE

Candidate Name _____ Skill Sheet 12

IFSAC ID _____ Date _____

NFPA STANDARD: 1002, 2017 Edition	JPR: 9.2.3	SKILL AREA: ARFF Operations: Producing Fire Streams			
TASK: Produce a fire stream from the internal tank, and a pressurized water source.					
CONDITIONS: Given a fire department ARFF vehicle, a turret operator, an aircraft mock-up as a target, and a pressurized water source, the candidate shall produce a fire stream using the internal water tank and a pressurized water source, so that the pump is engaged, the turrets are deployed, the agent is delivered to the intended target at the correct rate, and continually monitor for potential problems.					
PERFORMANCE OUTCOME: Produce a fire stream from the internal water tank, and a pressurized water source, while continually monitoring for any problems.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Adjusts and uses mirrors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Driver/passengers wearing seat belts (exception: turret operator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Produces a fire stream onto the mock-up using the internal tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Produces a fire stream onto the mock-up using a pressurized source	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Monitors for potential problems and avoids all obstacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Candidate will describe and determine how long agent will be available based on flow rates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	All tasks are performed safely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall Skill Sheet Score		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>		

Evaluator/Candidate Comments _____

Retest Approved by _____

 Evaluator (Print & Sign)

 Candidate Signature

 Date

 Retest Evaluator (Print & Sign)

 Candidate Signature

 Date