



AIRPORT FIREFIGHTER

NFPA Standard 1003, 2019 Edition

Test Construction Guide

At a minimum the test should include **5 skills** selected from each category with a total of **10 skill** sheets selected. The exam should be set up using multiple stations with a different certified evaluator at each station. Live fire testing is mandatory on one of the live fire skills.

This level of testing has specific requirements for equipment. Please contact the Office of the State Fire Marshal for information.

Airport Firefighter Job Performance Requirements

Skill Sheet	JPR	Tasks	Minimum Selection Required: (for total of 10 Skill Sheets selected)
Mandatory Skills			
1.	4.1.1.4	General Skill Requirements	Select 5 Random Skill Sheets from this category
2.	4.2.1	Responding to Incidents: Daytime	
3.	4.2.1	Responding to Incidents: Night time	
4.	4.2.2	Response: Communicating Critical Incident Information – Size-Up	
5.	4.2.3	Response: Communicating with Air Traffic Control (ATC)	
6.	4.2.4	Response: Hazardous Condition Standby	
7.	4.3.1	Fire Suppression: Operate Hand Hose Line	
8.	4.3.2	Extinguish a Fuel Spill Fire: With a ARFF Vehicle Turret	
9.	4.3.3	Fire Suppression: Extinguish a 3-Dimensional Fuel Fire	
10.	4.3.4	Fire Suppression: Attack an Aircraft Interior Fire	
Random Skills			
11.	4.3.5	Fire Suppression: Attack an Engine or APU/EPU Fire	Select 5 Mandatory Skill Sheets from this category
12.	4.3.6	Fire Suppression: Attack a Wheel Assembly Fire	
13.	4.3.7	Fire Suppression: Ventilate an Aircraft	
14.	4.3.8	Fire Suppression: Replenish Extinguishing Agent	
15.	4.3.9 & 4.3.1.0	Fire Suppression: Preserve/Overhaul the Accident Scene	
16.	4.4.1	Rescue: Gain Access to an Aircraft	
17.	4.4.2	Rescue: Disentangle an Entrapped Victim	
18.	4.4.3	Rescue: Implement Initial Triage	



AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 1

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.1.1.4		SKILL AREA: General Skill Requirements			
TASK: Respond to an aircraft incident or accident on and adjacent to the airport so that the route selected and taken provides access to the site of the aircraft incident.							
CONDITIONS: Given an aircraft incident location, with an aircraft emergency incident report, the candidate shall respond and operate according to AHJ protocols.							
PERFORMANCE OUTCOME: The candidate shall read, interpret, and take correct action related to grid maps, water distribution maps, and airport markings and lights in order to select a route that provides proper site access in the allotted time frame.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Don PPE as per Authority Having Jurisdiction(AHJ)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Operate hatches, doors, and evacuation chutes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Approach, position, and initially attack an aircraft fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Select, apply, and manage extinguishing agents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Shut down aircraft systems, including engine, electrical, hydraulic and fuel systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Operate aircraft extinguishing systems, including cargo area extinguishing systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Perform all of the above according to AHJ	<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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 Candidate Signature

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 Candidate Signature

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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 2

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.2.1		SKILL AREA: Responding to Incidents: Daytime			
TASK: Respond to a daytime incident or accident on and adjacent to the airport so that the route selected and taken provides access to the site within the allotted time frame.							
CONDITIONS: Given an assignment, operating conditions, a location, a grid map, a vehicle, and a prescribed response time.							
PERFORMANCE OUTCOME: The candidate shall read, interpret, and take correct action related to grid maps, water distribution maps, and airport markings and lights in order to select a route that provides proper site access in the allotted time frame.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Read and interpret grid maps, water distribution maps, and airport markings and lights correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Locate proper grid coordinates given a facility or a point location on a map	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Identify most efficient response route to an incident/accident given a grid map	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Use all safety devices, such as safety belts, audible and visual warning devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Follow all applicable traffic control devices and all traffic control procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Complete the evolution safely within the time frame allotted by the scenario (5 minutes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Ensure aircraft systems—including engine, APU, electrical, hydraulic, and fuel systems—are shut down.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	If necessary, operate aircraft extinguishing systems, including cargo area	<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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**FIRE PROTECTION BUREAU
FIRE SERVICE CERTIFICATION
PO Box 42642
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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 3

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.2.1		SKILL AREA: Responding to Incidents: Night time			
TASK: Respond to a nighttime incident or accident on and adjacent to the airport so that the route selected and taken provides access to the site within the allotted time frame.							
CONDITIONS: Given actual or simulated member performance scenario and human resource policies and procedures, the candidate shall demonstrate the ability to:							
PERFORMANCE OUTCOME: The candidate shall read, interpret, and take correct action related to grid maps, water distribution maps, and airport markings and lights in order to select a route that provides proper site access in the allotted time frame.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Read and interpret grid maps, water distribution maps, and airport markings and lights correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Locate proper grid coordinates given a facility or a point location on a map	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Identify most efficient response route to an incident/accident given a grid map	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Use all safety devices, such as safety belts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Follow all applicable traffic control devices and all traffic control (ATC) procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Complete the evolution within the time frame allotted by the scenario	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 4

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.2.2	SKILL AREA: Response: Communicating Critical Incident Information – Size-Up			
TASK: Communicate critical incident information regarding an incident or accident on or adjacent to an airport so that the information provided is accurate and sufficient for the incident commander to initiate an attack plan.					
CONDITIONS: Given an assignment involving an incident on or off airport property, and an incident management system, IMS/ICS protocols per the airport emergency plan, communication equipment and procedures.					
PERFORMANCE OUTCOME: The candidate shall operate communications equipment systems effectively, communicate critical incident information, implement IMS protocol and airport emergency plan, and recognize aircraft types so that the incident commander can initiate an attack plan.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Correctly operate communications equipment while applying proper radio etiquette	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Communicate an accurate Size-Up, describing the incident or accident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Communicate an initial action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Correctly implement the NIMS/ICS System protocols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Activate the airport emergency plan and request resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Identify aircraft types and tail numbers correctly	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 5

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.2.3	SKILL AREA: Response: Communicating with Air Traffic Control (ATC)			
TASK: Communicate with applicable air traffic control facilities so that all required clearances are obtained.					
CONDITIONS: Given a response destination on or adjacent to an airport and radio equipment.					
PERFORMANCE OUTCOME: The candidate shall operate communications equipment effectively so that required clearances are obtained.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify correct starting point, intended destination, and intended path of travel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	When communicating with Air Traffic Control, use proper radio terminology and phraseology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Clearly identify who you are calling, unit calling, and your location and request emergency clearance to travel within the Air Operations Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Reconfirm proper clearance with Air Traffic Control (radio or light signals)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Operate communications devices correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Apply proper airport radio etiquette, including use of phonetic alphabet	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 6

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.2.4		SKILL AREA: Response: Hazardous Condition Standby			
TASK: Perform an airport standby operation so that unsafe conditions are detected and mitigated in accordance with airport policies and procedures.							
CONDITIONS: Given an assignment, airport standby policies and procedures, and a hazardous condition.							
PERFORMANCE OUTCOME: The candidate shall recognize hazardous conditions and initiate appropriate corrective action so that unsafe conditions are detected and mitigated in accordance with airport policies and procedures.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Recognize the hazardous situation(s) and identify the hazard(s) correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Perform assigned operation in compliance with airport policies and procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Use all safety devices correctly (such as Personal Protective Equipment/Devices)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Initiate corrective action and notify appropriate agencies as needed to mitigate the hazard(s).	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 7

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.3.1		SKILL AREA: Fire Suppression: With ARFF Vehicle, Operating Hand Hose Line			
TASK: As a member of a team, operate fire streams and apply AFFF agent using proper techniques so as to extinguish the fuel fire within the allotted time.							
CONDITIONS: Given an assignment, PPE, and ARFF vehicle hand line flowing a minimum of 95 gpm of AFFF agent, the ARFF student, using proper techniques, shall extinguish the fuel spill fire. The fire should be sized to the AFFF gpm flow rate divided by 0.13 (gpm/0.13=fire square footage).							
PERFORMANCE OUTCOME: The candidate, operating as a member, shall extinguish an aircraft fuel spill fire so that the agent is applied using proper techniques and the fire is extinguished as required by authority having jurisdiction (AHJ).							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Approach the fire from upwind position; Using all safety devices and Personal Protective Equipment (head gear, radio, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Charge hand line and adjust nozzle to produce effective pattern	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Open and close nozzle slowly to prevent water hammer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Correctly apply techniques according to fire type (consideration should be given to behavior of aircraft fuels pooling of fuel fires, physical characteristics, and properties of aircraft fuel)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Avoid splashing or churning fuel with agent stream, apply agent with sweeping motion, and avoid walking through the foam blanket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Extinguish fire as required (AHJ) and monitor area for re-ignition	<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 Signature

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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 8

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.3.2	SKILL AREA: Extinguish a Fuel Spill Fire: With a ARFF Vehicle Turret			
TASK: Recognize hazardous conditions and apply firefighting agents and streams using vehicle turrets.					
CONDITIONS: Given PPE, an ARFF vehicle, and a fire sized to the AFFF flow rate of 0.13 gpm divided by the square feet of fire area, so that the agent is applied using the proper techniques and the fire is extinguished as required by (Authority Having Jurisdiction, AHJ).					
PERFORMANCE OUTCOME: The candidate, operating as a member of a team, shall extinguish an aircraft fuel spill fire.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Use all safety devices and Personal Protective Equipment (head gear, radio, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Engage the ARFF vehicle firefighting systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Approach and apply agent from the upwind position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Select and operate the appropriate turret(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Modulate the ARFF vehicle around the fire area, while applying agent in a sweeping motion, pushing fire away from the aircraft fuselage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Manage agent supply with accurate and effective stream placement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Foam blanket is undisturbed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Complete the evolution within the allotted time (fire extinguished as required by AHJ)	<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 Signature

 Date

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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 9

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.3.3		SKILL AREA: Fire Suppression: Extinguish a 3-Dimensional Fuel Fire			
TASK: Apply appropriate agent to control or extinguish a 3-dimensional fuel fire. A dual agent attack is the intention.							
CONDITIONS: Given PPE, an assignment, an ARFF vehicle hand line, and a 3-dimensional fuel fire.							
PERFORMANCE OUTCOME: The candidate, operating as a member of a team, shall extinguish a 3-dimensional fuel fire using primary and secondary agents, so that a dual attack is used, the fire is extinguished, and the fuel source is secured.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Use techniques applied with consideration to the fire behavior of aircraft fuels, pooling fuel fires, and physical properties and characteristics of aircraft fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Approach fire from the upwind position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Charge hand line and adjust nozzle to produce an effective pattern	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Open and close nozzle slowly to avoid water hammer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Direct agent at the base of the fire using an aggressive sweeping motion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Avoid splashing or churning fuel with agent stream; foam blanket is undisturbed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Secure fuel sources and monitor area for re-ignition	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 10

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.3.4		SKILL AREA: Fire Suppression: Attack an Aircraft Interior Fire			
TASK: Deploy an ARFF hand line on an interior aircraft fire; gain access to the aircraft interior; apply agent using direct, indirect, and combination flow and patterns; advance uncharged hose lines up and down ladders or interior stairways.							
CONDITIONS: Given PPE, an assignment, an ARFF vehicle hand line, and appropriate agent. Team integrity is maintained, attack is deployed for advancement, ladders are correctly placed (when used), access is gained into the fire area, effective water application practices are used, located, approached, and attack techniques used to facilitate suppression given the level of fire involvement, hidden fires are located and controlled, hazards are avoided or managed, and fire is brought under control.							
PERFORMANCE OUTCOME: The candidate shall locate, attack, and extinguish or control an aircraft interior fire while operating as a member of a team.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Deploy and place hand line in an effective and efficient manner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Adjust nozzle flow and patterns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Make access to and gain entry into the aircraft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Satisfactorily advance charged and uncharged hose lines adjusting nozzle flows and patterns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Apply agent using direct, indirect, and combination methods up ladders, up and down interior and exterior stairways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Locate and suppress all interior fires	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 11

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.3.5	SKILL AREA: Fire Suppression: Attack an Engine or APU/EPU Fire			
TASK: Operate an ARFF hand line, operate turrets, gain access to aircraft engine or APU/EPU, and secure engine or APU/EPU.					
CONDITIONS: Given PPE, an assignment, an AFRR vehicle hand line or turret, and appropriate agent, shall access and attack the engine or APU/EPU fire and the fire is extinguished.					
PERFORMANCE OUTCOME: The candidate shall gain access to and attack an engine or APU/EPU fire on an aircraft while operating as a member of a team.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Correctly use all safety devices and Personal Protective Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Engage the ARFF vehicle firefighting systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Approach and apply agent from upwind position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Select and operate the appropriate hand line or turret(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Use appropriate technique to gain access to the engine or APU/EPU (includes emergency shutdown and/or activate onboard fire suppression systems)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Manage agent supply with accurate and effective stream placement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Apply agent in a sweeping motion so that foam blanket is undisturbed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Open and close the nozzle slowly to avoid water hammer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Complete the evolution in an efficient manner	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 12

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.3.6	SKILL AREA: Fire Suppression: Attack a Wheel Assembly Fire			
TASK: Apply an appropriate agent to control and extinguish the wheel fire.					
CONDITIONS: Given PPE, an assignment, an ARFF vehicle hand line, and appropriate agent, shall extinguish or control an aircraft wheel assembly fire.					
PERFORMANCE OUTCOME: The candidate shall extinguish an aircraft wheel assembly fire while operating as a member of a team.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Demonstrate proper approach to wheel assembly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Attack from a safe distance and upwind position approaching with a 45 angle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Engage ARFF hand line and extinguishing system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Charge hand line adjust nozzle to produce an effective pattern	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Direct agent at the base of the fire (direct stream, short bursts for cooling)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Monitor area for re-ignition	<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



AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 13

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.3.7		SKILL AREA: Fire Suppression: Ventilate an Aircraft			
TASK: Ventilate an aircraft through available doors and hatches while operating as a member of a team.							
CONDITIONS: Given PPE, an assignment, an ARFF vehicle hand line, forcible entry tools, mechanical tools, and ventilation devices, shall ventilate an aircraft so that a sufficient opening, barriers removed is created to release the byproducts of combustion.							
PERFORMANCE OUTCOME: The candidate shall ventilate an aircraft through available doors or hatches while operating as a member of a team.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Choose correct aircraft access points	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Gain access into aircraft using proper techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Correctly operate doors and hatches and insuring all ventilation barriers are clear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Open secondary exit door, open secondary openings as needed or emergency exit to achieve vent cone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Correctly utilize forcible entry tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Check and start vent fan prior to approaching aircraft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Properly position fan to achieve positive ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Correctly position hose stream to achieve proper mechanical ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9.	Effectively and efficiently remove smoke and heat from aircraft	<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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 Evaluator (Print & Sign) Candidate Signature Date

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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 14

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.3.8	SKILL AREA: Fire Suppression: Replenish Extinguishing Agent			
TASK: Ventilate an aircraft through available doors and hatches while operating as a member of a team.					
CONDITIONS: Demonstrate the procedures to replenish the vehicle's agent and water supply systems.					
PERFORMANCE OUTCOME: The candidate shall replenish extinguishing agents while operating as a member of a team.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Correctly don and use proper PPE, such as helmet, eye protection, and gloves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Flush hydrant before attaching supply line: Note: If required by AHJ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Connect supply line to hydrant and vehicle intake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Operate hydrant and valves to fill water tank; close valves when full of water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Open and close valves slowly to prevent water hammer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Manually fill foam tank with proper amount and type of foam for system used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Disconnect lines and return intake cap(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Ensure water has drained from hydrant before replacing hydrant cap	<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 Signature

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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 15

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.3.9 & 4.3.1.0	SKILL AREA: Fire Suppression: Preserve/Overhaul the Accident Scene			
TASK: Ensure the fire is completely extinguished, all property is protected from further damage, and potential crash evidence is preserved for investigators.					
CONDITIONS: Given PPE, an assignment, an ARFF vehicle, and property conservation equipment, shall ensure all fires are extinguished and all property is protected from further damage.					
PERFORMANCE OUTCOME: The candidate shall preserve the aircraft accident scene while operating as a member of a team.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Secure area to preserve accident scene and ensure overhaul does not disturb evidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Ensure aircraft is cool; check for hidden fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Locate and identify pertinent components (flight data recorder for and cockpit data recorder)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Properly identify evidence and protect from further damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Mark with flags or stakes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Correct and secure salvage covers to protect evidence and prevent movement	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 16

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition		JPR: 4.4.1		SKILL AREA: Rescue: Gain Access to an Aircraft			
TASK: Gain access into and out of an aircraft through normal entry points and emergency hatches and assist in the evaluation process.							
CONDITIONS: Given PPE, an assignment, and various forcible entry tools, so that passenger evacuation or rescue can be accomplished.							
PERFORMANCE OUTCOME: The candidate shall gain access into and out of an aircraft through normal entry points and emergency hatches and assist in the evacuation process while operating as a member of a team.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Use proper PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identify proper access points, locations, and hazardous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Position ladder in proper location and at correct angle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Circle tool(s) and/or piece of equipment selected by evaluator: (using power saws, cutting tools, and hydraulic and pneumatic pulling tools; note: use all tools if required by AHJ)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Make access and gain entry into the aircraft operating specialized ladders and high reach apparatus/devices.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Climb ladder smoothly, operate locking mechanisms, and open or remove the door hatch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Secure aircraft safely and shut down	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Correctly evacuate all passengers according to procedures	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 17

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.4.2	SKILL AREA: Rescue: Disentangle an Entrapped Victim			
TASK: Operate and deploy all applicable rescue tools.					
CONDITIONS: Given PPE, an assignment, and rescue tools, so that the victim is freed from entrapment without further injury and hazards are managed.					
PERFORMANCE OUTCOME: The candidate shall disentangle an entrapped victim from an aircraft without causing further injury while operating and deploying all applicable tools.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Use all safety devices and personal protective equipment noting limitations and capacities of some rescue tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Conduct primary search and secondary search	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Locate and remove victim from entrapment without additional injury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Properly package each patient(s) per local protocol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Remove victim from aircraft via assigned exit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Successfully remove victim from hazard area and deliver to EMS personnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Report patient condition and mechanism of injury to EMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Complete the evolution in an efficient manner	<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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AIRPORT FIREFIGHTER

Candidate Name _____ Skill Sheet 18

IFSAC ID _____ Date _____

NFPA STANDARD: 1003, 2019 Edition	JPR: 4.4.3	SKILL AREA: Rescue: Implement Initial Triage			
TASK: Implement initial triage of the victims of an aircraft accident.					
CONDITIONS: Given PPE, an assignment, and triage protocol for the airport, so that each victim is evaluated and correctly categorized according to the airport protocol.					
PERFORMANCE OUTCOME: The candidate shall implement initial triage procedures utilizing the airport's triage protocols, for the victims of an aircraft accident, so that each victim is evaluated and correctly categorized according to the protocol.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Conduct scene size-up to ensure safety of area, responders, and victims	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Set up triage areas for each category based on local protocol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Rapidly identify each patient's condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Tag each patient based on local protocol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Direct movement of patients to triage category area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Report findings to EMS	<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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