## Colorado Division of Fire Prevention & Control Airport Fire Fighter Job Performance Requirements ("JPRs") (NFPA 1003, 2015 Edition)

		Initial Certification		
JPR#	Task	Home Airfield (HAF) JPR Requirement: All JPRs are Mandatory  Renewal JPR Requirement: 100% of All JPRs (including all subsections)		
1	Don for Time	Mandatory		
2	Off Airfield Response Use of Gridmaps	Mandatory		
3	Communication with the IC and Use of Equipment	Mandatory		
4	Communicate Clearance with Tower	Mandatory		
5	Victim Triage	Mandatory		
6	Normal Operations of Doors, Hatches and Evacuation Chutes	Mandatory		
7	Shut Down Engine and Fuel Systems	Mandatory		
8	Shut Down Electrical Systems	Mandatory		
9	Shut Down Hydraulic Systems	Mandatory		
10	Operate Aircraft Extinguishing Systems	Mandatory		
11	Alert to Standby Response Procedures	Mandatory		
12	A: Extinguish Spill Fire 100lb Extinguisher B: Agent Replenish C: Scene Preservation D: Scene Overhaul	Mandatory		
13	Gain Entry All System Shut Down Evacuation Assistance	Mandatory		
14	Operate Rescue Tools	Mandatory		
15	Ladder or High-Reach Devices	Mandatory		
16	Victim Extrication	Mandatory		



4.1 General Requirements

4.1.1.4 General Skill Requirements

Standard Area: General Skill Requirement

Candidate:	Date:	
ID#:		

STANDARD: 4.1.1.4 NFPA 1003, 2015 Edition FAA #3 – Rescue Safety

**TASK:** Don personal protective clothing (PPE) within one (1) minute, don SCBA within one minute, doff personal protective clothing, SCBA and prepare for reuse.

**Evaluation Sheet: ARFF 4.1.1.4-A** 

**JPR - HAF - 1** 

Revised 10/11/2019

**PERFORMANCE OUTCOME:** The candidate shall be able to properly don personal protective clothing in one minute and to prepare the personal protective clothing for reuse.

Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.

**CONDITIONS:** Given personal protective (PPE) clothing (boots, pants, coat, hood, gloves and helmet and/or protective hood), the candidate shall demonstrate the ability to:

**EQUIPMENT REQUIRED:** All personal protective equipment (PPE).

No.	TASK STEPS	FIRST TEST		RETEST	
NO.	TASK STEPS	Pass	Fail	Pass	Fail
	DONNING (PPE)				
1.	Don pants and boots properly – including suspenders in place				
2.	Don hood				
3.	Don coat – including storm flap closed and collar up and secured				
4.	Don helmet				
5.	Don gloves				
6.	Complete above correctly within one minute				
	DONNING (SCBA)				
7.	Correctly don SCBA including checking amount of air in cylinder and operation of low air alarm.				
8.	Correctly don face piece including checking seal and operating of exhalation.				
9.	Activate and check PASS device (if applicable)				
10.	Have all personal protective clothing correctly in place				

Procto	r/Evaluator (Print & Sign)	Date	Candidate		Date	
Procto	r/Evaluator Comments:			1		
12.	Place all equipment in a ready state for	reuse.				
	DOFFING					
		; iii one (1) iiiiiute.				
11.	Correctly accomplished all of the above	in one (1) minute				



**4.2 RESPONSE Evaluation Sheet: ARFF 4.2.1 JPR - HAF - 2** 4.2.1 Response to Day and Night Accidents Standard Area: General Skill Requirement Revised 10/11/2019 **Candidate:** Date: **ID#:** TASK: Respond to day and night incident or accidents on or adjacent to the airport, **STANDARD:** 4.2.1 given an assignment, operating conditions, a location, a grid map, a vehicle, and a NFPA 1003, 2015 Edition prescribed response time, so that the route selected and taken provides access to the FAA #1 site within the allotted time. **PERFORMANCE OUTCOME:** The candidate shall be able to select a response route, day or night, so that the route taken provides access to the site within a three minute time period. Candidate must take into consideration terrain, obstructions, etc. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given an assignment, operating conditions, a location, a grid map, and a prescribed response time, candidate shall select the appropriate route to meet the above performance outcome. **EQUIPMENT REQUIRED:** Grid maps. FIRST TEST RETEST TASK STEPS No. **Pass** Fail Pass Fail Candidate was able to locate the given site of the grid map 1. 2. Candidate identifies water supply using the water distribution maps 3. Candidate adhered to all Airport markings 4. Candidate recognized and obeyed lighting The most expedient route was taken, considering air traffic, controlled areas, 5. terrain, obstructions, etc. Proctor/Evaluator Comments: \_\_\_\_\_ Candidate Proctor/Evaluator (Print & Sign) Date Date

Date

**Re-Test Candidate** 



**Evaluation Sheet: ARFF 4.2.2** 4.2 RESPONSE 4.2.2 Communicate Critical Information **JPR - HAF - 3 Standard Area: General Skill Requirement** Revised 10/11/2019 Candidate: **ID#**: TASK: Communicate critical incident information regarding an incident or accident **STANDARD:** 4.2.2 on or adjacent to the airport, given an assignment involving an accident or incident NFPA 1003, 2015 Edition and an incident management system (IMS) protocol, so that the information given is FAA #4 accurate and sufficient for the IC to initiate an attack plan PERFORMANCE OUTCOME: The information given must be clear, accurate, and sufficient for the Incident Commander to initiate an attack plan. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given an assignment involving an accident or incident and an IMS protocol, the candidate must communicate critical incident information regarding the incident to the IC. **EQUIPMENT REQUIRED:** Airport Radio Equipment. FIRST TEST RETEST No. TASK STEPS **Pass** Fail **Pass** Fail 1. Communications given were clear, concise, and understandable 2. Information given was complete 3. Proper ICS terminology was used Utilize radio protocols of local area. Proctor/Evaluator Comments: Candidate Proctor/Evaluator (Print & Sign) Date Date Re-Test Proctor/Evaluator (Print & Sign) Date **Re-Test Candidate** Date



**4.2 RESPONSE Evaluation Sheet: ARFF 4.2.3** 4.2.3 Communicate with Air traffic Control **JPR - HAF - 4** Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#**: **TASK:** Communicate with applicable air traffic control facilities, given a response **STANDARD:** 4.2.3 NFPA 1003, 2015 Edition destination on or adjacent to an airport and radio equipment, so that all required FAA #4 clearances are obtained. **PERFORMANCE OUTCOME:** Communications must be clear and follow proper protocol, with proper clearance obtained. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given a response location on or adjacent to the airport, candidate must communicate with the applicable air traffic control facility so that all required clearances are obtained. **EQUIPMENT REQUIRED:** Airport Radio Equipment. FIRST TEST RETEST No. TASK STEPS Pass **Pass** Fail Fail Communications given were clear, concise, and understandable (Use of phonetic 1. 2. Proper clearance was requested 3. Proper terminology was used Clearance information was read back by candidate prior to proceeding onto the 4. controlled surface Proctor/Evaluator Comments: Candidate Proctor/Evaluator (Print & Sign) Date Date **Re-Test Candidate** 

Date



4.4 RESCUE **Evaluation Sheet: ARFF 4.4.3 4.4.3** Triage **JPR - HAF - 5** Standard Area: General Skill Requirement Revised 10/11/2019 **Candidate:** Date: **ID#: STANDARD:** 4.4.3 TASK: Implement initial triage of the victims of an aircraft accident, given PPE, an NFPA 1003, 2015 Edition assignment, and the triage protocol of the AHJ, so that each victim is evaluated and correctly categorized according to protocol. FAA #11 PERFORMANCE OUTCOME: Victims shall be evaluated and correctly categorized utilizing the triage protocols of the airport Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given PPE, assignments, and the triage protocols of the airport, implement initial triage as outlined above. **EQUIPMENT REQUIRED:** Triage Kit. FIRST TEST RETEST No. TASK STEPS **Pass** Fail **Pass** Fail (The following task steps are based on the START Triage system. If a local triage system is different, the local tasks may be substituted as long as they meet the same standard of care.) Assess patients' breathing. If not breathing, open airway. Continue or apply 1. appropriate tag. 2. Assess patient's pulse. Continue or apply appropriate tag. 3. Assess patients' mental status. Apply appropriate tag. 4. Advise Triage Team Leader number of patients in each category. **Proctor/Evaluator Comments:** Date Candidate Proctor/Evaluator (Print & Sign) Date **Re-Test Candidate** Re-Test Proctor/Evaluator (Print & Sign) Date Date



1.1.1.4	neral Requirements General Skill Requirement rd Area: General Skill Requ			PR - H		
Candi	date:	Date:				
ID#:_						
NFPA FAA #7	ARD: 4.1.1.4 1003, 2015 Edition 7 – Emergency Evacuation	TASK: Operate doors, hatches and evacuation of				
aircraft	. The candidate shall be able to ex	e shall be able to properly operate normal entry deplain the operation of various emergency chutes. automatic failure. All proctors present shall researched				various
CONDI	TIONS: Given PPE and SCBA, the	candidate, from both inside and outside the aircra	ıft, shall be	able to:		
EQUIPN	MENT REQUIRED: All personal prote	ective equipment (PPE) and Aircraft.				
No.		TASK STEPS		TEST	RET	
	Normal Entry Doors		Pass	Fail	Pass	Fail
1.	Open a normal access door on a c	commercial jet aircraft (if applicable)				
2.	Open a normal access door on a c	commuter airliner (if applicable)				
3.	Open a normal access door on a g	general aviation aircraft (if applicable)				
	Emergency Exits					
4.	Open an over-wing emergency ex	it on a commercial jet aircraft (if applicable)				
	Emergency Escape Slide					
5.	Explain the operation of the vario	us emergency escape slides (if applicable)				
Procto	r/Evaluator Comments:					
Procto	r/Evaluator (Print & Sign)	Date Candidate			Date	

Date

Re-Test Candidate



4.1 General Requirements
Evaluation Sheet: ARFF 4.1.1.4-D
4.1.1.4 General Skill Requirements
JPR - HAF - 7
Standard Area: General Skill Requirement
Revised 10/11/2019

, tuiiuu	ru mea. Generai bani Requ	ar ement			Keviseu 1	0/11/2019	
Candi	date:		Date:				
ID#:	DARD: 4.1.1.4 A 1003, 2015 Edition #2  ORNANCE OUTCOME: The candidate shall be able to explain how to shut down the engine and fuel system on a given fit, and point out the location of all controls utilized for those purposes.  y: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.  DITIONS: Given an aircraft/prop, the candidate shall be able to locate, point out, and explain the shut down operations agines and fuel system.  PMENT REQUIRED: All personal protective equipment (PPE) and Aircraft.  TASK STEPS  FIRST TEST RETEX Pass Fail Pass  Proctor will identify aircraft/prop used  ENGINE AND FUEL SYSTEMS SHUTDOWN  Point out and explain the operation of the emergency engine shutdown system in the cockpit  Point out and explain the operation of the fuel system shutdown, for emergency shutdown  or/Evaluator Comments:						
<b>STANDARD:</b> 4.1.1.4 NFPA 1003, 2015 Edition FAA #2		TASK: Shut down aircra	nut down aircraft system, including engine and fuel systems.				
aircraft, Safety: Condit	and point out the location of all co A safety violation is grounds for a TONS: Given an aircraft/prop, the	ntrols utilized for those pautomatic failure. All pa	ourposes. roctors present shall rev	view the s	afety viol	ation.	
	•	ctive equipment (PPE) an	d Aircraft.				
				FIRST TEST RETES			
No.		TASK STEPS			1		
	Proctor will identify aircraft/pro	p used					
	ENGINE AND FUEL SYSTEMS	S SHUTDOWN					
1.		of the emergency engine	e shutdown system in				
2.	1 1	of the fuel system shutd	lown, for emergency				
roctor	/Evaluator Comments:						
roctor	<b>'/Evaluator</b> (Print & Sign)	Date	Candidate			Date	
Re-Test	t Proctor/Evaluator (Print & Sig	gn) Date	Re-Test Car	ndidate		Date	



4.1 General Requirements **Evaluation Sheet: ARFF 4.1.1.4-E** 4.1.1.4 General Skill Requirements **JPR - HAF - 8** Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.1.1.4 NFPA 1003, 2015 Edition **TASK:** Shut down aircraft electrical systems. FAA #2 PERFORMANCE OUTCOME: The candidate shall be able to explain how to shut down the electrical system on a given aircraft, and point out the location of all controls utilized for those purposes. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given an aircraft/prop, the candidate shall be able to locate, point out, and explain the shut down operations for the electrical system. **EQUIPMENT REQUIRED:** All personal protective equipment (PPE) and Aircraft. RETEST FIRST TEST No. TASK STEPS Proctor will identify aircraft/prop used ELECTRICAL SYSTEMS SHUTDOWN Point out and explain the operation of the battery master switches and the 1. generator switches. Point out and explain the operation of the APU shutdown in the cockpit (if 2. applicable). Locate and explain the operation of the APU shutdown on the exterior panel (if 3. applicable) Explain the procedure for disconnecting the aircraft from ground power 4. connections. 5. Locate the batteries and explain the procedure for manually disconnecting them Proctor/Evaluator Comments: Proctor/Evaluator (Print & Sign) Date Candidate Date

Date

**Re-Test Candidate** 



Re-Test Proctor/Evaluator (Print & Sign)

**Evaluation Sheet: ARFF 4.1.1.4-F** 4.1 General Requirements 4.1.1.4 General Skill Requirements **JPR - HAF - 9** Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.1.1.4 NFPA 1003, 2015 Edition **TASK:** Shut down aircraft hydraulic systems. FAA #2 PERFORMANCE OUTCOME: The candidate shall be able to explain how to shut down the hydraulic system on a given aircraft, and point out the location of all controls utilized for those purposes. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given an aircraft/prop, the candidate shall be able to locate, point out, and explain the shut down operations for the hydraulic system. **EQUIPMENT REQUIRED:** All personal protective equipment (PPE) and Aircraft. RETEST FIRST TEST No. TASK STEPS Fail Proctor will identify aircraft/prop used HYDRAULIC SYSTEMS SHUTDOWN 1. Point out and explain the operation of the hydraulic system shutdown in the cockpit Point out and explain the operation of the hydraulic system shutdown from outside 2. the aircraft. (if applicable) Explain the hazards associated with the hydraulic system 3. Proctor/Evaluator Comments: \_\_\_\_\_

Date

Date

Candidate

**Re-Test Candidate** 

Date



Re-Test Proctor/Evaluator (Print & Sign)

4.1 General Requirements **Evaluation Sheet: ARFF 4.1.1.4-G** 4.1.1.4 General Skill Requirements JPR - HAF - 10 Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.1.1.4 NFPA 1003, 2015 Edition **TASK:** Operate aircraft extinguishing systems FAA #2 PERFORMANCE OUTCOME: The candidate shall be able to explain how operate the fire extinguishing systems on a given aircraft; including engine, APU, and cargo area systems, and point out the location of all controls utilized for those purposes. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given an aircraft/prop, the candidate shall be able to locate, point out, and explain the operation of the extinguishing systems for the engine, APU and cargo areas. **EQUIPMENT REQUIRED:** All personal protective equipment (PPE) and Aircraft. FIRST TEST RETEST No. TASK STEPS Pass Fail Pass Fail Proctor will identify aircraft/prop used \_\_\_\_\_ FIRE SUPPRESSION SYSTEMS Point out and explain the operation of emergency engine shutdown and fire 1. suppression system located in the cockpit. (if applicable) Point out and explain the operation of the emergency APU shutdown and fire 2. suppression system located in the cockpit (if applicable) Point out and explain the operation of the emergency APU shutdown and fire 3. suppression system located on the outside of the aircraft. (if applicable) Point out and explain the operation of the cargo area fire suppression system. (if 4. applicable) Proctor/Evaluator Comments:

Date

Date

Candidate

Re-Test Candidate

Date



4.2 RESPONSE **Evaluation Sheet: ARFF 4.2.4 4.2.4** Airport Standby Operation JPR - HAF - 11 Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.2.4 TASK: Perform an airport operation, given an assignment, a hazardous condition, NFPA 1003, 2015 Edition and the airport policies and procedures, so that unsafe conditions are detected and mitigated in accordance with the airport's policies and procedures FAA #1 and #11 PERFORMANCE OUTCOME: Candidate shall proceed to the proper standby location and position in a safe area so that he/she may detect any unsafe conditions and reposition or mitigate the situation appropriately. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given PPE, an assignment, a hazardous condition, and the airport's standby policies and procedures, the candidate shall perform a standby operation. **EQUIPMENT REQUIRED:** Response Rig. FIRST TEST RETEST No. TASK STEPS Fail Pass Fail 1. Proper standby position was taken for the runway in use Vehicle was parked appropriately, leaving forward escape path, and far enough 2. back to observe the situation Air Traffic Control (ATC) clearance was received before entering any controlled 3. areas Proctor/Evaluator Comments: Candidate Proctor/Evaluator (Print & Sign) Date Date

Date

**Re-Test Candidate** 



4.3 FIRE SUPPRESSION
Evaluation Sheet: ARFF 4.3.1
4.3.1 Extinguish A Fuel Spill Fire with an Extinguisher

Evaluation Sheet: ARFF 4.3.1

JPR - HAF - 12a

Standard Area: General Skill Requirement Revised 10/11/2019

Candi	date:		Date:				
ID#:							
STANDA	ARD: 4.3.1	TASK: Extinguish a 25	50 square foot aircraft fue	l spill fire	using a n	ninimum 1	00lb.
	The state of the s	•	her, and procedures so the	_		ed using th	ne
			he fire is extinguished in 2				
		ompletely extinguished	in 25 seconds, using proj	per applica	ition techi	nique.	
(Simula	· ·	utomatic failure All 1	nroctors present shall re	view the s	afety viol	ation	
							250
		•					
EQUIPM	MENT REQUIRED: Large two wheeled	100lb (minimum) extir	nguisher and personal prot	tective equ	ipment (F	PPE).	
		TD C		FIRST	FIRST TEST		EST
No.	RD: 4.3.1  003, 2015 Edition and #8  MANCE OUTCOME: Fire must be conted)  A safety violation is grounds for auttons: Given PPE, SCBA and a minimoot fuel spill fire in the allotted time.  ENT REQUIRED: Large two wheeled 10  T.  Candidate wearing full PPE  Extinguisher checked and activated properties of the fire, simulate)  Fire extinguished within 25 seconds.  /Evaluator Comments:	TASK STEPS		Pass	Fail	Pass	Fail
1.	Candidate wearing full PPE						
2.	Extinguisher checked and activated	prior to advancing (ve	rbalize and simulate)				
3.		e, sweeping, short burs	ets (verbalize and				
4.	Fire extinguished within 25 second	s. (verbalize and simula	ate)				
Procto	r/Evaluator Comments:						
Procto	r/Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Tes	t Proctor/Evaluator (Print & Sig	n) Date	Re-Test Ca	ndidate		Date	



4.3 FIRE SUPPRESSION
Evaluation Sheet: ARFF 4.3.9
4.3.9 Replenish Extinguishing Agents on Vehicle

JPR - HAF - 12b

Standa	rd Area: General Skill Requ	quirement Revised 10/11/2019					
Candi	idate:		<b>Date:</b>				
ID#:_							
NFPA	ARD: 4.3.9 1003, 2015 Edition 5 and #11	an assignment, an ARFF and supply lines and fitti	guishing agents while ope F vehicle, a fixed or mob- ings, so that agents are a te time established by the	ile water s vailable fo	source, a or applica	supply of tion by th	agent,
	RMANCE OUTCOME: Agents must	be replenished on the ARI	FF vehicle so that the age	ents are re	ady for a	pplication	within
	e frame set by the department.  A safety violation is grounds for	automatic failure All ni	roctors prosent shall rev	viouv the s	ofoty vio	lation	
	FIONS: While operating as a member						source.
	y of agent, and supply lines and fitt						,
EQUIPM	MENT REQUIRED: ARFF vehicle, wa	ater supply source, supply	lines, fittings and agent.				
NIo		The case Communica		FIRST TEST		RET	TEST
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	Properly attach and set up hoses for	or replenishment of water					
2.	Opens appropriate valves and repl the AHJ	enished the water within	the time established by				
3.	Properly sets up to replenish foam appropriate to the vehicle and equ		ill or side fill port, as				
4.	Opens appropriate valves and replestablished by the AHJ	enish the foam concentrat	te within the time				
5.	Properly blows down and re-servi manufacturer's instructions	ces the secondary agent s	ystem, per				
rocto	r/Evaluator Comments:						
Procto	r/Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Tes	t Proctor/Evaluator (Print & Si	gn) Date	Re-Test Car	ndidate		Date	



4.3 FIRE SUPPRESSION **Evaluation Sheet: ARFF 4.3.10** JPR - HAF - 12c4.3.10 Preserving an Aircraft Scene Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.3.10 TASK: Preserve the aircraft accident scene, given an assignment and procedures, so NFPA 1003, 2015 Edition that evidence is identified, protected, and reported according to procedures. FAA #11 PERFORMANCE OUTCOME: Aircraft accident scene is preserved so that evidence is identified, protected, and reported. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given PPE, an accident scene and an assignment at the scene, preserve all evidence so that it is identified, protected and reported. **EQUIPMENT REQUIRED:** Personal protective equipment (PPE) and documentation tools. FIRST TEST RETEST No. TASK STEPS Pass Fail **Pass** Fail 1. Maintain chain of custody/documentation 2. Found all possible evidence at and around the scene 3. Covered evidence to prevent damage from water, weather, etc. Marked the evidence so that is can be readily re-located. 4. 5. Noted any evidence that was disturbed during the fire fighting operation. Proctor/Evaluator Comments:

Date

Date

Proctor/Evaluator (Print & Sign)

Re-Test Proctor/Evaluator (Print & Sign)

Candidate

**Re-Test Candidate** 

Date



4.3 FIRE SUPPRESSION
Evaluation Sheet: ARFF 4.3.11
4.3.11 Overhaul an Aircraft Accident Scene
Standard Area: General Skill Requirement

tanda	rd Area: General Skill Requir	ement			Revised 1	0/11/2019	
Candi	idate:		Date:				
ID#:_			_				
NFPA FAA #	1003, 2015 Edition pr 8, #11, #3 ex	operty conservation extinguished and all pro	quipment, so that all fires perty is protected from fu				
oropert Safety: CONDI	RMANCE OUTCOME: Overhaul shall by shall be protected from further dama: A safety violation is grounds for automos: Given PPE, SCBA, an assignment of the state of the state of the same of	ge from water, weathe tomatic failure. All pr	er, etc. roctors present shall rev	iew the s	afety viol	lation.	
	ribed above.  MENT REQUIRED: Personal protective e	auipment (PPE), SCB	A. handlines, and appropri	ate tools.			
				T	TEST	RETE	
No.	Т	'ASK STEPS		Pass	Fail	Pass	Fail
1.	Gain approval from investigating age	ency or authority (Verb	palize)				
2.	Utilized proper tools to search for fir	Utilized proper tools to search for fire extension					
3.	Search for and found all hidden fires undue additional damage to the scene	_	es, without causing				
4.	Properly protected the scene from fur covers, etc.	rther damage, utilizing	salvage tarps, window				
5.	Monitor Air Quality (Verbalize)						
6.	Agent re-application (Verbalize)						
rocto	r/Evaluator Comments:						
rocto	r/Evaluator (Print & Sign)	Date	Candidate			Date	
e-Tes	st Proctor/Evaluator (Print & Sign)	Date	Re-Test Car	didate		Date	



4.4.1 (	ESCUE Gain Access and Evacuation ard Area: General Skill Requ	irement	Evaluatio		PR - HA		
Cand	idate:		Date:				
<b>ID#:</b> _							
PERFO shall be Safety:	1003, 2015 Edition	entry points and emerge the evacuation process assignment, so that passe e accomplished through evacuate through those outomatic failure. All p	exit points.  proctors present shall re-	and safety aber of a te- cue can be emergency	the aircraeam, give accomply hatches,	aft, and as n PPE and lished. and assistation.	ssist in d an stance
	MENT REQUIRED: Personal protective	e equipment (PPE), SCB	A and Aircraft.				
No	TASK STEPS					RET	TEST
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	Identify aircraft type.						
2.	Open normal passenger entry door	from outside and inside	».				
3.	Open over wing emergency hatch f	From inside and outside	(if applicable)				
4.	Open roof emergency hatch from it	nside (if applicable)					
5.	Open cockpit emergency window e	exit from inside and outs	side (if applicable)				
6.	Explain the operation and disarmin (if applicable)	g of the evacuation slide	es at each exit.				
7.	Assist passengers in evacuation fro	m the aircraft through t	he above exit points.				
Procto	r/Evaluator Comments:				1		
Procto	r/Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Tes	st Proctor/Evaluator (Print & Sig	Date	Re-Test Ca	ndidate		Date	



4.4 Re 4.4.1 T Standa		irement	Evaluation		PR - HA		
Cand	idate:		Date:				
ID#:_			<u> </u>				
NFPA FAA # PERFO power Safety:	ARD: 4.4.1 1001, 2015 Edition 3 – Rescue Safety  RMANCE OUTCOME: The candidate saws, cutting tools, hydraulic device: A safety violation is grounds for a TIONS: Give PPE and two tools the	shall be able to demons s, pneumatic devices, an automatic failure. All p	nd pulling devices.  proctors present shall rev	down and f the follo	safety wing fund	ctions; op	
EQUIP	MENT REQUIRED: Personal protective	e equipment (PPE), SCB	A, Aircraft, chocks, and p	ower tools	S.		
No.		TASK STEPS		FIRST T		RET Pass	TEST Fail
1.	Secure aircraft prior to using equip	oment		rass	Pass Fail		ran
	A. Aircraft depressurized, if poss	ible					
	B. Aircraft stabilized, (wheels che	ocked)					
	Proctor will choose two devices f Power Cutting Hydraulic	or candidate to use Pneumatic Pulling					
2.	Demonstrate ability to properly co	nnect devices to power	source				
3.	Operate equipment as directed by	АНЈ					
4.	Operate equipment in a safe and ti	mely manner					
5.	Place equipment back in service as	s directed by AHJ					
Procto	r/Evaluator Comments:						
Procto	r/Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Tes	st Proctor/Evaluator (Print & Sig	gn) Date	Re-Test Car	ndidate		Date	



4.4 Re 4.4.1 T Standa		irement	Evaluation		<b>PR - H</b>		
Cand	idate:		Date:				
ID#:_			<u> </u>				
NFPA FAA # PERFO ladder	PARD: 4.4.1 1001, 2015 Edition 63 – Rescue Safety PRMANCE OUTCOME: The candidate or high-reach devices. : A safety violation is grounds for a	shall be able to demons	•	of the follo	wing fund	ctions; op	
CONDI	TTIONS: Give PPE and a tool the car	ndidate shall demonstrate	e the ability to:				
EQUIP	MENT REQUIRED: Personal protective	e equipment (PPE), ladde	er or high-reach device, c	hocks, and	Aircraft.		
No.		TASK STEPS			r TEST Fail	RET Pass	TEST Fail
1.	Secure aircraft prior to using equipment			Pass	ran	1 ass	ran
	A. Aircraft depressurized, if poss	ible					
	B. Aircraft stabilized, (wheels che	ocked)					
	Proctor will choose one device for Ladder High-Reach De						
2.	Visually check work area for haza	rds and state if area is sa	ife or if hazards exist				
3.	Lower ladder against Leading Ed	ge or Proper side of doo	or (Proctor pick one)				
4.	Operate equipment in a safe and ti	mely manner (High-Rea	ch)				
5.	Place equipment back in service as	directed by AHJ					
Procto	or/Evaluator Comments:						
Procto	or/Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Tes	st Proctor/Evaluator (Print & Sig	n) Date	Re-Test Ca	ndidate		Date	



4.4 RESCUE **Evaluation Sheet: ARFF 4.4.2** 4.4.2 Disentangle and Entrapped Victim JPR - HAF - 16 Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.4.2 **TASK:** Locate and disentangle an entrapped victim from an aircraft as a member of a team, given PPE, a team and an assignment, and rescue tools, so that the victim is NFPA 1003, 2015 Edition freed from entrapment without undue further injury and hazards are managed. FAA #8 and #9 PERFORMANCE OUTCOME: Victim must be disentangled from the scene in such a manner as to not aggravate his or her injuries further, and any scene hazards must be managed to assure a safe extrication. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given PPE, an assignment, and rescue tools, and equipment, disentangle and extricate a victim as outlined above. **EQUIPMENT REQUIRED:** Personal protective equipment (PPE), SCBA and rescue tools. FIRST TEST RETEST No. TASK STEPS Pass Pass Fail Fail 1. Perform search procedures 2. Proper EMS protocols must be followed to reduce the chance of spinal injury 3. Victim immobilized in some manner to avoid further injury Proper rescue tool selected and operated for the job, while all safety precautions 4. were followed for the tool used Scene was secured and hazards controlled prior to operation, utilizing cribbing or 5. some other method to prevent the aircraft from shifting. **Proctor/Evaluator Comments:** Candidate Proctor/Evaluator (Print & Sign) Date Date

Date

**Re-Test Candidate** 



4.1 General Requirements **Evaluation Sheet: ARFF 4.1.1.4-A** 4.1.1.4 General Skill Requirements Standard Area: General Skill Requirement

Candidate:	Date:
ID#:	_

JPR - LB - 1

Revised 10/11/2019

**STANDARD:** 4.1.1.4 TASK: Don personal protective clothing (PPE) within one (1) minute, don SCBA NFPA 1003, 2015 Edition within one minute, doff personal protective clothing, SCBA and prepare for reuse. FAA #3 – Rescue Safety

PERFORMANCE OUTCOME: The candidate shall be able to properly don personal protective clothing in one minute and to prepare the personal protective clothing for reuse.

Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.

CONDITIONS: Given personal protective (PPE) clothing (boots, pants, coat, hood, gloves and helmet and/or protective hood), the candidate shall demonstrate the ability to:

**EQUIPMENT REQUIRED:** Personal protective equipment (PPE) and SCBA.

No.	TASK STEPS	FIRST TEST		RETEST	
NO.	TASK STEPS	Pass	Fail	Pass	Fail
	DONNING (PPE)				
1.	Don pants and boots properly – including suspenders in place				
2.	Don hood				
3.	Don coat – including storm flap closed and collar up and secured				
4.	Don helmet				
5.	Don gloves				
6.	Complete above correctly within one minute				
	DONNING (SCBA)				
7.	Correctly don SCBA including checking amount of air in cylinder and operation of low air alarm.				
8.	Correctly don face piece including checking seal and operating of exhalation.				
9.	Activate and check PASS device (if applicable)				

Re-Test Proctor/Evaluator (Print & Sign)		Date	Re-Test Can	didate		Date	
Procto	r/Evaluator (Print & Sign)	Date	Candidate			Date	
Procto	r/Evaluator Comments:						
12.	Place all equipment in a ready state for reuse.						
	DOFFING						
11.	Correctly accomplished all of the above	in one (1) minute.					
10.	Have all personal protective clothing correctly in place						



4.1 General Requirements **Evaluation Sheet: ARFF 4.1.1.4 -C** JPR - LB - 2 4.1.1.4 General Skill Requirements Standard Area: General Skill Requirement Revised 10/11/2019 Candidate: Date: **ID#: STANDARD:** 4.1.1.4 **TASK:** Initial attack of an aircraft fire with an ARFF vehicle, using proper approach NFPA 1003, 2015 Edition and positioning. FAA #5 and #6 PERFORMANCE OUTCOME: The candidate shall be able to demonstrate proper approach and positioning while responding to a simulated aircraft fire, and discharge water/AFFF for initial fire attack. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given PPE and an ARFF vehicle, the candidate must demonstrate the ability to determine the appropriate approach and positioning of the apparatus for initial attack. **EQUIPMENT REQUIRED:** ARFF rig and aircraft fire simulator. FIRST TEST RETEST No. TASK STEPS Pass Fail Pass Fail RESPONSE Utilized a proper approach, having determined there were no hazards or 1. topographical limitation along the route Positioned the apparatus properly to provide an escape/rescue route 2. INITIAL ATTACK 3. Demonstrate the ability to engage pump in a timely manner 4. Demonstrate proper operation of turret Demonstrate the shut down of the turret and the pump Proctor/Evaluator Comments: \_\_\_\_\_ Candidate Proctor/Evaluator (Print & Sign) Date Date

Date

Re-Test Candidate



4.3 FIRE SUPPRESSION Evaluation Sheet: ARFF 4.3.5 4.3.5 Aircraft Fire Interior Attack JPR - LB - 3

Standard Area: General Skill Requirement Revised 10/11/2019

Candidate:	Date:
ID#:	
STANDARD: 4.3.5	<b>TASK:</b> Attack a fire on the interior of an aircraft while operating as a member of a
NFPA 1003, 2015 Edition	team, given a team, PPE, an assignment, an ARFF vehicle hand line, an extinguishing

NFPA 1003, 2015 Edition
FAA #8 and #9

team, given a team, PPE, an assignment, an ARFF vehicle hand line, an extinguishing agent, and a ladder or other means of accessing the aircraft, so that team integrity is maintained, the attack line is deployed for advancement, ladders or other means are used, access is gained into the fire area, effective agent application practices are used, the fire is approached, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, hazards are avoided or managed, and the fire is brought under control.

**PERFORMANCE OUTCOME:** Fire must be brought under control and hidden fires located and controlled, while utilizing proper techniques, maintaining team integrity, placing ladders correctly, effectively utilizing application techniques, and maintaining proper body posture.

Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.

**CONDITIONS:** Given PPE, SCBA and operating as a team member, you will be given an assignment, an ARFF vehicle handline, proper equipment and appropriate agent.

**EQUIPMENT REQUIRED:** Personal protective equipment (PPE), SCBA, ARFF rig, rescue tools, ladders, handlines and nozzles, and aircraft fire simulator.

No.	TASK STEPS		FIRST TEST		RETEST	
110.	IASKUTEIS	Pass	Fail	Pass	Fail	
1.	Candidate wearing full PPE, including SCBA					
2.	Attack line deployed for advancement					
3.	Team integrity maintained					
4.	Ladders properly placed, if used					
5.	Proper entrance to fire used. (i.e. door selection, sound floor)					
6.	Hidden fires located and controlled					
7.	Correct body posture maintained (Crawl or crouch)					
8.	Hazards are identified, and avoided or managed (verbalize)					
9.	Open, close and adjust nozzle flow and patterns					
10.	Fire is brought under control					
11.	Which methods were observed?					

Re-Te	st Proctor/Evalua	ator (Print & Sign)	- Date	Re-Test Candidate	Date	
Procto	or/Evaluator (Print	& Sign)	Date	Candidate	Date	
Procto	or/Evaluator Com	nments:				
	INDIRECT DI	IRECT COME	SINATION			



Re-Test Proctor/Evaluator (Print & Sign)

4.3 FIRE SUPPRESSION **Evaluation Sheet: ARFF 4.3.2** JPR - LB - 4 4.3.1 Extinguish A Fuel Spill Fire with a Hand Line Standard Area: General Skill Requirement Revised 10/11/2019 **Candidate:** Date: **ID#:** TASK: Extinguish an aircraft fuel spill fire, given PPE, an assignment, agent application procedures, an ARFF vehicle hand line flowing a minimum of 95 GPM **STANDARD:** 4.3.2 of AFFF extinguishing agent, and a fire sized to the flow rate used [AFFF flow rate NFPA 1003, 2015 Edition divided by 4.92 L/min/m<sup>2</sup> for fire size in square meters (0.13 gpm/min/ft<sup>2</sup> for fire FAA #6 and #8 size in square feet)], so that the agent is applied using the proper technique and the fire is extinguished in 90 seconds. **PERFORMANCE OUTCOME:** Fire must be completely extinguished in 90 seconds, using proper application technique. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given PPE, SCBA, an assignment, and ARFF vehicle hand-line flowing a minimum of 95 GPM of extinguishing agent and extinguish fire within 90 seconds. **EQUIPMENT REQUIRED:** Personal protective equipment (PPE), SCBA, ARFF rig, handlines and nozzles, spill fire simulator. FIRST TEST RETEST No. TASK STEPS Pass Fail Pass Fail 1. Candidate wearing full PPE 2. Air purged from line prior to advancing Agent applied properly, starting at the nearest edge of the fire 3. 4. Fire approached from an upwind direction 5. Fire extinguished within 90 seconds. Proctor/Evaluator Comments:

Date

**Date** 

Candidate

**Re-Test Candidate** 

Date



Re-Test Proctor/Evaluator (Print & Sign)

4.3 FIRE SUPPRESSION **Evaluation Sheet: ARFF 4.3.3** 4.3.3 Extinguish A Fuel Spill Fire with Turret JPR - LB - 5 Standard Area: General Skill Requirement Revised 10/11/2019 **Candidate:** Date: **ID#:** TASK: Extinguish an aircraft fuel spill fire, given PPE, an assignment, agent application procedures, an ARFF vehicle turret flowing a minimum of 250 GPM a fire sized to the flow rate used [AFFF flow rate divided by 4.92 L/min/m<sup>2</sup> for fire **STANDARD:** 4.3.3 size in square meters (0.13 gpm/min/ft<sup>2</sup> for fire size in square feet)], and the NFPA 1003, 2015 Edition procedures for agent application, so that the agent is applied according to procedures FAA #5, #6 and #8 and the fire is extinguished in a time proportionate to, but no longer than, 90 seconds for 192 M<sup>2</sup> (1923 ft<sup>2</sup>) fire with a flow rate at 946 L/min (250 GPM). PERFORMANCE OUTCOME: Fire must be completely extinguished in 90 seconds, using proper application technique. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. **CONDITIONS:** Given PPE, an assignment, agent application procedures, an ARFF vehicle turret flowing a minimum of 250 GPM a fire sized to the flow rate used [AFFF flow rate divided by 4.92 L/min/m² for fire size in square meters (0.13 gpm/min/ft<sup>2</sup> for fire size in square feet)], and the procedures for agent application. EQUIPMENT REQUIRED: Personal protective equipment (PPE), SCBA, ARFF rig with turret, and spill fire simulator. FIRST TEST RETEST No. TASK STEPS **Pass** Fail Pass Fail Agent applied properly, starting at the nearest edge of the fire 1. 2 Fire approached from an upwind direction 3. Pump and turret operated properly 4. Fire extinguished within 90 seconds Proctor/Evaluator Comments:

Date

**Date** 

Candidate

**Re-Test Candidate** 

Date



Re-Test Proctor/Evaluator (Print & Sign)

4.3 FIRE SUPPRESSION **Evaluation Sheet: ARFF 4.3.4** 4.3.4 Extinguish a 3-Dimensional Fuel Fire JPR - LB - 6 Standard Area: General Skill Requirement Revised 10/11/2019 **Candidate:** Date: **ID#: TASK:** Extinguish a 3-dimensional aircraft fuel fire as a member of a team, given a team, PPE, an assignment, ARFF vehicle hand line(s) using primary and secondary **STANDARD:** 4.3.4 agents, and agent application procedures, so that a dual-agent attack is used, so that NFPA 1003, 2015 Edition the agent is applied using the proper technique, the fire is extinguished, and the fuel FAA #5, #5 and #8 source is secured. PERFORMANCE OUTCOME: Operating as a team, fire must be completely extinguished and the fuel source secured, using proper application technique. (Simulate and verbalize) Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. CONDITIONS: Given PPE, and assignment, and an ARFF vehicle hand-line using primary and secondary agents so that a dual agent attack is used, extinguish a 3-dimensional fire and secure the fuel source, using the proper application technique. **EQUIPMENT REQUIRED:** Personal protective equipment (PPE), SCBA, dual agent, handlines and 3D fire simulator. FIRST TEST RETEST No. TASK STEPS **Pass** Fail Pass Fail 1. Wearing full PPE and SCBA properly Fuel source secured while maintaining proper agent application to assure safety of 2. personnel Applies agent utilizing proper technique for extinguishment and fire fighting 3. personnel safety 4. 3-D fire extinguished utilizing proper technique 5. Pooled fire extinguished utilizing proper technique Proctor/Evaluator Comments:

Date

Date

Candidate

**Re-Test Candidate** 

Date



1.3.5 A	RE SUPPRESSION Attack an Engine or APU Fi rd Area: General Skill Req		Evaluat	ion Sheet	JPR -	F 4.3.5 LB - 7 0/11/2019	
Candi	date:		<b>Date:</b>				
ID#:_			<u> </u>				
NFPA :	TASK: Attack an engine or auxiliary power unit/emergency power unit (APU/EPU fire on an aircraft while operating as a member of a team, given PPE, an assignment, ARFF vehicle hand line or turret, a correct agent, and agent application procedures are followed, the fire is extinguished, and the engine or APU/EPU is shut down.						
	RMANCE OUTCOME: Fire must be				. f. 4 1	-4:	
CONDIT	A safety violation is grounds for FIONS: Given PPE, SCBA, an assi	gnment, and an ARFF ve	hicle hand-line or turre	with the ap	propriate		tack an
engine o	or APU/EPU fire as a member of	a team, extinguish the fire	and secure the engine	or APU/EP	U.		
EQUIPM	MENT REQUIRED: Personal protecti	ve equipment (PPE), SCB	A, ARFF rig, handlines	and nozzles	, APU fir	e simulato	r.
No.		TASK STEPS			TEST	RET	
	Proctor will select one (please circle one)			Pass	Fail	Pass	Fail
	HAND-LINE	OR	TURRET				
1.	Wearing full PPE and SCBA pro	perly					
2.	Gain access to aircraft engine and	d APU/EPU					
3.	Shut down engine and APU						
4.	Applies agent utilizing proper tec personnel safety	chnique for extinguishmen	t and fire fighting				
5.	Pooled fire extinguished utilizing	proper technique					
6.	Fuel source secured while maintaining proper agent application to assure safety of personnel						
Proctor	r/Evaluator Comments:						
Procto	r/Evaluator (Print & Sign)	Date	Candidate	<b>;</b>		Date	

Date

**Re-Test Candidate** 



4.3 FIRE SUPPRESSION
Evaluation Sheet: ARFF 4.3.6
4.3.6 Attack a Wheel Assembly Fire
Standard Area: General Skill Requirement
Revised 10/11/2019

Cand	idate:		Date:				
ID#:_			 _				
NFPA	ARD: 4.3.6 1003, 2015 Edition 5, #6 and #8		assembly fire, as a member ehicle hand line, and corr		_		eam, an
PERFO Safety:	RMANCE OUTCOME: Fire must be a: A safety violation is grounds for a TIONS: Given PPE, SCBA, an assig	controlled using proper a automatic failure. All p	roctors present shall rev	iew the s	afety vio		attack a
wheel a	assembly fire and control the fire.  or: If the wheels are inflated what	is the agent selection?			-		
	EQUIPMENT REQUIRED: Personal protective equipment (PPE), SCI		A, nandines and nozzies,	and wheel fire simu			P. TEST
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	Wearing full PPE and SCBA prop	erly					
2.	Applies agent utilizing proper tech safety	nique for fire control and	d fire fighting personnel				
3.	Makes the appropriate 45 degree a	pproach					
4.	Extinguish the fire						
5.	Check wheel wells for extension.						
6.	Chock wheels (where applicable b	у АНЈ)					
Procto	or/Evaluator Comments:						
Procto	or/Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Tes	st Proctor/Evaluator (Print & Sig	gn) Date	Re-Test Car	ndidate		Date	



4.3 FIRE SUPPRESSION
Evaluation Sheet: ARFF 4.3.7
4.3.7 Ventilate an Aircraft
Standard Area: General Skill Requirement

Evaluation Sheet: ARFF 4.3.7

JPR - LB - 9

Revised 10/11/2019

<b>Candidate:</b>	 Date:
ID#:	

**STANDARD:** 4.3.7

NFPA 1003, 2015 Edition

FAA #8 and #9

**TASK:** Ventilate an aircraft through available doors and hatches while operating as a member of a team, given PPE, an assignment, tools, and mechanical ventilation devices, so that openings are created, all ventilation barriers are removed, and the heat and other products of combustion are released.

**PERFORMANCE OUTCOME:** Ventilate through available openings and hatches so that a sufficient opening is created, all ventilation barriers are removed, and heat and other products of combustion are released. **Proctor shall select type of ventilation**.

Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.

**CONDITIONS:** Given PPE, SCBA, an assignment, tools and mechanical ventilation devices, and acting as a member of a team, ventilate an aircraft through available doors and hatches.

**EQUIPMENT REQUIRED:** Personal protective equipment (PPE), SCBA, aircraft fuselage, handlines and nozzles, and ventilation tools.

No	TASK STEPS	FIRST	FIRST TEST		RETEST	
No.	TASK STEES		Fail	Pass	Fail	
1.	Wearing full PPE and SCBA properly.					
2.	Operate doors, hatches and utilize forcible entry tools, if applicable					
3.	Determines wind direction and proper location for ventilation					
4.	Opens the appropriate openings to ventilate properly					
5.	Sets up ventilation devices properly.					
	Continued air monitoring. (verbalize)					
	SET UP FORCED VENTILATION					
5.	POSITIVE PRESSURE VENTILATION					
6.	Properly place fan so cone of air covers entry point					
	Have exit point no larger than entry point or in accordance with fan manufacturer's direction					
7.	HYDRAULIC VENTILATION					
8.	Properly positioned in opening for maximum air movement					
	Uses the proper water pattern for effective ventilation					
9.	NEGATIVE PRESSURE VENTILATION					

Re-Tes	st Proctor/Evaluator (Print & Sign)	Date	Re-Test Candidate		Date	
Procto	r/Evaluator (Print & Sign)	Date	Candidate	]	Date	
Procto	r/Evaluator Comments:					
	Remove objects that might be drawn int	to fan				
10.	Properly place fan in exhaust opening to	pull smoke out				