

# Utah Fire Service Certification System

# AIRPORT FIREFIGHTER



## CERTIFICATION STANDARD

*NOVEMBER 2020*

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## **Airport Firefighter Technical Committee**

The Certification Council would like to recognize and extend a voice of appreciation to the following fire service professionals for their work on the Airport Firefighter certification standard. These individuals devoted many hours to reviewing the National Fire Protection Association (NFPA) 1003 standard, Certification Test Bank, and developing the skills for this standard.

Thank you...

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## **INTRODUCTION**

The world we live in is rapidly changing, and the many phases of the fire service are becoming so technical and complex that fire service training must be utilized to its maximum potential. Any overlap, fragmentation, and lack of basic structure must be eliminated. Standardization is the natural complement and necessity.

The fire service in Utah, through a state certification program, can meet the needs of future growth and establish uniformity by certification. We will then have more effective and efficient utilization of resources so as to provide the best possible fire protection service for all the citizens throughout the state of Utah.

The following certification requirements are based on the objectives listed in the National Fire Protection Association (NFPA) 1003 standard for *Airport Fire Fighter Professional Qualifications*, 2019 Edition, Chapter 4, as verified and adopted by the Utah Fire Service Certification Council (UFSCC).

Through these national standards and certification, firefighters and fire departments have a tool to measure specific levels of skills, abilities and knowledge. The UFSCC believes that by participating in this certification program firefighters and fire departments will be better prepared to provide quality life safety and fire protection for their communities.

### **In Memoriam, September 11, 2001**

We pay tribute to the 343 members of FDNY who gave their lives to save civilian victims on September 11, 2001, at the World Trade Center. They are true American heroes in death, but they were also American heroes in life. We will keep them in our memory and in our hearts. They are the embodiment of courage, bravery, and dedication. May they rest in peace.

# **AIRPORT FIREFIGHTER CERTIFICATION REQUIREMENTS**

## ***Entrance Requirements***

In order to certify within the Utah Airport Firefighter program, candidates must fulfill the following requirements:

1. Complete Entrance Requirements.
2. Be certified as a Firefighter II with the UFSCC.
3. Receive and complete the Department Training Record.
4. Train on the required written and practical objectives.
5. Pass a department "In-house" practical skills examination.
6. Meet any other training requirements/prerequisites as defined by the Certification Council.
7. Pass both written and practical skills examination administered by the Certification Council.
8. Request Airport Firefighter Certification.
9. Request re-certification.

## ***Physical Fitness Requirements***

The UFSCC acknowledges the importance of and need for physical fitness requirements as listed in the NFPA 1001, 2019 edition, Standard on *Fire Fighter Professional Qualifications*. Many agencies and departments have existing policies, regulations, etc. already in place regarding these requirements. The handling of physical fitness requirements is a **LOCAL MATTER**, outside the authority and jurisdiction of the UFSCC. The Council will not check, test, evaluate or determine how individual agencies meet these requirements. Some departments have found it necessary to waive any type of physical fitness requirements due to their own special needs. As a local decision, this is permitted. However, due to the amount of physical, mental and emotional stress inherent in this profession, **the Utah Fire Service Certification Council strongly recommends careful evaluation before altering or doing away with any existing physical fitness requirements.**

The requirements listed in NFPA 1001, 2019 ed., Chapter 1 are:

1. Meet the minimum educational requirements established by the authority having jurisdiction.
2. The Utah Fire Service Certification Council Policy 11.3 requires that a candidate must be 18 years of age to test and be certified.
3. Meet the medical requirements of NFPA 1582, *Standard on Comprehensive Occupational Medical Program for Fire Departments*, chapter 5, subsection 5.1.1, as determined by the medical authority of the AHJ.
4. Physical fitness requirements for entry-level personnel should be developed and validated by the authority having jurisdiction. Physical fitness requirements should be in compliance with applicable Equal Employment Opportunity regulations and other legal requirements.

## ***Occupational Safety and Health Requirements***

The requirements listed in NFPA 1500, 2018 Chapter 7, are:

1. Meet the Protective Clothing and Protective Equipment requirements of NFPA 1500, 7.13.1, A7131.
2. Meet OSHA 29 CFR 1910.134(g) Use of respirators, "Prohibiting conditions that may result in facepiece seal leakage". This pertains to facial hair that may prevent a good face seal.
3. Meet OSHA 1910.134 (g)(1)(i)(A)(B) Occupational health and safety regulatory requirements.

## ***Department Training Officers***

For departments to enroll in the certification process, it is necessary for the department to assign training officers. Departments who **do not** have certified personnel to act as training officers for certification training should contact the Utah Fire & Rescue Academy at (801) 863-7700 or 1-888-548-7816 for assistance in setting up and monitoring certification training.

Department training instructors shall be certified at the level they are teaching. In addition, the Certification Council strongly recommends that training officers and instructors be state certified at the Instructor I level.

Department training officers or instructors will be responsible for certification training. Their primary responsibility will be to teach, evaluate, and in-house test department personnel on the manipulative skill and evolution requirements for each level of certification training.

The final entrance requirement is to complete the "Intent to Participate" form provided in Appendix B and return it to the Certification Council. Remember, participation in the certification process is **VOLUNTARY**. Once you have enrolled, you can withdraw if desired.

**If a department is already participating in the Utah Fire Service Certification System, it will not be necessary to file another "Intent to Participate" form.**

## **DEPARTMENT TRAINING**

The position of an Airport Firefighter is one that requires a high level of skill and knowledge. The training that is given to and received by an Airport Firefighter candidate should be of the highest quality and degree. All training received must meet the requirements of NFPA 1003 Chapter 4 (2019 edition) and the skills as approved by the UFSCC contained within the Utah Standard. All training received must be documented and recorded on a training record. All testing for Airport Firefighter will be conducted following the policies and procedures of the UFSCC.

Training for Airport Firefighter can be obtained by completing one of the following training courses or methods to qualify to take the state examination.

- 1- Department Based Training – Departments can create their own Airport Firefighter course which meets the requirements as outlined in the NFPA 1003, Chapter 4 (2019). The training record and In-House examination as found in this standard must be completed for each person. Testing will be conducted at the conclusion of the course upon request from the department's training officer or administrator.
- 2- Salt Lake City Airport Training Facility - Firefighters that attend, train, and successfully complete the 40+ hour Airport Firefighter course which meets the requirements as outlined in the NFPA 1003, Chapter 4 (2019). All training must be documented on a training record and include an In-House examination as found in this standard must be completed for each person. Testing will be conducted at the conclusion of the course upon request from the department's training officer or administrator.

### ***Written Objectives***

The course material should be referenced to the following textbook(s) to prepare the candidate to successfully pass the state certification examination.

Written objectives for Airport Firefighter are covered in the following text:

- **IFSTA, Aircraft Rescue and Fire Fighting, 6th Edition**
- **National Fire Protection Association, NFPA 1003, *Standard for Airport Fire Fighter Professional Qualifications*, 2019 Edition**

This textbook is available from various fire service bookstores or on the internet. A current list of IFSTA textbook sources is available by calling the certification office at 1-888-548-7816.

## ***Manipulative Objectives***

There are numerous methods departments have used to help prepare their personnel for the written examination. Considering the high level of skill and knowledge that is required of an Airport Firefighter, the Council recommend that the candidate participate in a comprehensive class and receive instruction on both manipulative skills and written requirements.

Each participant **must** be trained and evaluated in the performance of **all** manipulative skills as found in this certification standard. Each of the manipulative skill objectives shall be completed swiftly, safely and with competence as defined below:

- **Swiftly** - Each manipulative skill objective must be completed within the allotted time.
- **Safely** - Each manipulative skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skill testing or training to see that it is safe and functional.
- **Competence** - Each manipulative skill objective is performed in accordance with the Utah Standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCS manipulative skill objectives.

## ***Department Training Records***

Each candidate shall have a current, accurate, and complete training record on file with the department which indicates that they have been trained on all manipulative skill objectives. The Training Record must be completed in its entirety in order to test. Training Records may be completed on a computer or by hand. Departments may set up their own training records, or use the one provided in this standard, or the fillable Excel Training Record found online on UFRA's website. If a department chooses to set up their own training record it must meet the following requirements:

1. Certification level clearly defined with NFPA standard number and edition.
2. Signature line for the candidate attesting that all skills have been trained on and a complete In-House Comprehensive Exam was administered and passed.
3. Signature line for the Chief/Training Officer attesting that the candidate has been trained on all skills and a complete In-House Comprehensive Exam was administered and passed.
4. The date of completion for the training record is recorded.
5. All skills from the Utah Certification Standard for this level are listed on the training record and columns exist for:
  - a. Training Record – Date/Inst
  - b. In-House Comprehensive Exam –Date/Inst/Pass

## ***Department "In House" Manipulative Skills Examination***

At the completion of the department's manipulative skills training, the department is required to hold an "in-house" skills examination for the level being trained. This is a comprehensive "in-house" skill test conducted by the department training officers. This test is to ensure that skill mastery has been obtained from the beginning to the end of the training process, and to prepare participants for the state examination. Training officers may utilize other personnel to assist in administering the exam; however, all personnel assisting with the testing should be certified at the level they are in-house testing.

Proctor instructions for the examination are in Appendix A. In-house testers shall follow the proctor instruction

sheet to provide for uniformity and fairness during the exam. It is recommended that participants be given two attempts at any skill. **If they fail on the second try, then they have failed the evaluation and are required to go through additional training by the department instructor.** No training, teaching, or coaching is allowed during the test. After the evaluation, using the test to teach and train is recommended.

If manipulative skill weaknesses are evident, the department shall conduct additional training and hold a new department "in-house" manipulative skills examination. Only those participants who successfully pass the department's skills and "In-House" test will be allowed to participate in the state certification exam. Department training records must show that all participants have successfully passed the "in-house" examination.

### ***Live Fire Requirement***

Live fire testing requirements shall be demonstrated through a simulated process. These scenarios shall include: verbalize all components of the skills listed on the official state manipulative test booklet, select proper tools and/or equipment necessary to successfully complete the manipulative skills, wear proper clothing required per skill, and complete the skill in the allotted time.

## **CERTIFICATION EXAMINATIONS**

After completion of the training process, the Chief/Administrator can request testing for the candidate using the "Examination Request" form in Appendix B. The candidate will then have three attempts to pass the written examination. A separate application must be sent to the Certification Council for each attempt. Request forms must reach the Certification Council no later than **30 days** prior to the examination date. The entire examination process must be completed within one year of the first written exam date.

### ***Written Examinations***

The written examination is a randomly generated **100-question** test covering the written objectives of the Airport Firefighter standard. A minimum score of 70% is required to pass the certification exam. Firefighters failing the first attempt of the written exam will be permitted to retest no sooner than **30 days** from the date of the last exam. Three attempts are given to pass the exam. If a participant fails the written examination three times, he/she has failed the certification process and must wait **1 year** from the date of the last failed exam before re-entering testing. Exam results are forwarded to the Chief/Administrator within 30 days following the receipt of the completed examination.

#### **SAMPLE WRITTEN EXAMINATION QUESTIONS:**

Q- In order for the military to assume full control over a crash site off of military property a \_\_\_\_\_ has to be declared.

- a- **National Defense Area (NDA)**
- b- Military Action Zone (MAZ)
- c- National Security Incident (NSI)
- d- No declaration has to be made

Q- Open flames are prohibited within \_\_\_ feet of fueling operations.

- a- 25
- b- **50**
- c- c- 75
- d- 100

## ***Manipulative Skills "Spot Check" Examinations***

This is a two-step examination. The first step is a department records check and the second step is a manipulative skill "spot check" examination. A Certification Tester appointed by the Utah Fire Service Certification Council conducts the examination.

Training records are checked. If records are inadequate, corrective action must be taken before proceeding to the next step. The records must meet minimum requirements and are checked for the following:

- 1- Participant has been trained in each manipulative skill and fireground evolution for the level being evaluated.
- 2- A department training officer/instructor has signed off each manipulative skill and fireground evolution.
- 3- Each participant has passed a department "in-house" manipulative skills examination.

The manipulative skills and fireground evolution "spot check" examination is graded on a 100% pass/fail basis. The test is graded in the following three areas:

- **Swiftly** - Each manipulative skill objective must be completed within the allotted time.
- **Safely** - Each manipulative skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skill testing or training to see that it is safe and functional.
- **Competence** - Each manipulative skill objective is performed in accordance with the Utah Standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCS manipulative skill objectives.

Participants are "spot checked" on three (3) manipulative skills. No prior notification of the skills being tested will be given. Participants are given two attempts if necessary to perform each skill. If they fail on the second try, then they have failed the examination. Participants must wait 30 days before the third and final attempt. Participants taking third attempts will test on the skill they failed plus **ONE** additional skill from the section of the standard they failed in the previous two attempts. **No training, teaching, or coaching is allowed during this state test.**

Participants who have failed the third attempt of the written examination or the manipulative skills examination have failed the certification process and must wait **1 year** from the date of the failed third attempt to re-enter state testing. The participant will begin testing with a new 1st attempt of the written examination.

## **FIREFIGHTER I CERTIFICATION**

When all requirements for certification have been met, applicants are eligible to be certified. The Chief/Administrator may apply to the Utah Fire Service Certification Council for certification for those participants who have successfully completed the certification training/testing process. Request for state certification will be submitted to the Council using the "Certification/Re-certification Request" form provided in Appendix B. The names are then checked against the official state records to ensure that each individual listed has met all requirements.

Those applicants who have met the requirements are issued a wallet card and certificate. These are sent to the Chief/Administrator for disbursement. There is no cost for testing/certification if the candidate passes their written examination on the first attempt. A \$40 testing/certification fee will be assessed if the candidate passes their written exam on the 2nd attempt, and a \$60 fee will be assessed if the candidate passes their written exam on the 3rd attempt. This fee schedule is applicable as of July 1, 2013.

**\*The above fee table applies to Utah Fire Departments only. All other agencies within Utah will be assessed a testing/certification fee of \$40.00 per level. Out of State applicants will be charged a \$90 testing/certification fee.**

### ***Prerequisites for Firefighter I Certification***

Applicants for certification must be state certified through the Utah Fire Service Certification System at the Firefighter II level. Airport Firefighter certification will not be issued until participants have fulfilled this requirement.

### ***Re-certification***

Certification at Airport Firefighter Level is valid for a three-year (3) period. Each certified firefighter may renew certification by having the Chief/Administrator of the participating agency submit the "Certification/Re-certification Request" provided in Appendix B.

Each certified Firefighter shall participate in at least 36 hours of structured class and manipulative training per year. A total of 108 hours of training is required during the previous certification period.

### ***For More Information on Utah Firefighter Certification, contact the:***

Utah Fire Service Certification Council  
Utah Fire & Rescue Academy  
3131 Mike Jense 3131 Mike Jense Parkway  
Provo, UT 84601  
1-888-548-7816  
[www.uvu.edu/ufra](http://www.uvu.edu/ufra)

# **AIRPORT FIREFIGHTER CERTIFICATION CHECKLIST**

## **ENTRANCE REQUIREMENTS:**

- Each participant has met requirements listed in NFPA 1001, Chapter 1.
- Department has filed an "Intent to Participate" form with the UFSCC.

## **DEPARTMENT TRAINING RECORDS:**

- Each participant has a training record on file with the department that shows:
  - 1- A learning experience in each manipulative skill objective.
  - 2- Dates of training.
  - 3- Initials of instructors.
- Each participant has trained on the Airport Firefighter Level written objectives.

## **DEPARTMENT "IN-HOUSE" MANIPULATIVE SKILLS EXAMINATION:**

- Each participant has successfully completed an "in-house" manipulative skills examination.
- Results of exam are documented in department training records.

## **ADDITIONAL TRAINING /PREREQUISITE REQUIREMENTS:**

- Each participant is state certified through the UFSCC at the Firefighter II level.

## **CERTIFICATION EXAMINATIONS:**

- Each participant has passed the UFSCC written examination.
- Each participant has passed the UFSCC manipulative skill "Spot Check" examination administered by an approved Certification Tester.

## **AIRPORT FIREFIGHTER - CERTIFICATION:**

- Chief/Administrator request certification for participants using the "Certification/Re-certification Request" form

# AIRPORT FIREFIGHTER MANIPULATIVE SKILL OBJECTIVES

## GENERAL

### 1. Demonstrate donning and doffing-personal protective clothing (PPE).

REFERENCE: NFPA 1003, 2019 Edition, 4.1.1.4

CONDITION: Given helmet with eye protection, hood, boots, gloves, coat, and pants.

COMPETENCE:

- Don hood.
- Don and fasten all closures on pants/boots and coat.
- Collar turned up on coat.
- Don helmet and tighten chinstrap (helmet earflaps down).
- Don gloves.
- Doff protective clothing and place back in-service.

TIME: 1:00 minute to don (No time limit for doffing)

## RESPONSE

### 2. Demonstrate response to an incident or accident (day or night) so that the route selected and taken provides access to the site within allotted time.

REFERENCE: NFPA 1003, 2019 Edition, 4.2.1, 4.2.3

CONDITION: Given an assignment, operating conditions, a location, a grid map as used by AHJ, and a vehicle.

COMPETENCE:

- Establish and maintain communication with the tower (if applicable).
- Choose appropriate route to location.
- Observe appropriate markings and follow their instructions.
- Maintain control of the ARFF vehicle while en-route to location.
- Arrive at location in allotted time frame.

TIME: 3:00 Minutes (Time frame based on vehicle based on airport property).

### 3. Demonstrate the ability to communicate critical incident information regarding an incident so that the information provided is accurate and sufficient for the incident commander to initiate an attack plan.

REFERENCE: NFPA 1003, 2019 Edition, 4.2.2, 4.2.4

CONDITION: Given an assignment, scenario involving an incident or accident, radio equipment.

COMPETENCE:

- Operate communications systems, select correct operating channel.
- Communicate accurate situation report:
  1. Situation found.
  2. Actions to be taken.
  3. Additional resources needed.

TIME: 2:00 Minutes

**4. Perform an airport standby operation so that unsafe conditions are detected and mitigated in accordance with the airport policies and procedures.**

REFERENCE: NFPA 1003, 2019 Edition, 4.2.4

CONDITION: Given an assignment, a hazardous condition, airport standby policies and procedures.

COMPETENCE:

- Establish and maintain communications with the tower, if applicable.
- Choose appropriate route to location.
- Observe appropriate markings and follow their instructions.
- Maintain control of the ARFF vehicle while enroute to location.
- Arrive at location in allotted time.
- Observe and verbalize possible hazardous conditions and mitigate the hazard.

TIME: 1:00 Minute

## **FIRE SUPPRESSION**

**5. Demonstrate the extinguishment of a 750 sq. ft. aircraft fuel spill fire so that the agent is applied using the proper techniques and the fire is extinguished.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.1

CONDITION: Given PPE, SCBA, an assignment, an ARFF vehicle charged handline capable of flowing minimum of 95 gpm of AFFF extinguishing agent, a 750 sq. ft. fire, and a 2-member firefighter team.

COMPETENCE:

- Approach the fire from upwind if possible.
- Adjust the nozzle to produce an effective stream.
- Open and close nozzle slowly.
- Apply extinguishing agent in a sweeping motion.
- Avoid disturbing the foam blanket.
- Monitor area for re-ignition.

TIME: 1:30 Minutes

**6. Demonstrate the extinguishment of a 2,067 sq. ft. aircraft fuel spill fire so that the agent is applied using the proper techniques and the fire is extinguished.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.2

CONDITION: Given PPE, SCBA, an assignment, an ARFF vehicle turret flowing minimum of 250 gpm of AFFF extinguishing agent, a 2,067 sq. ft. fire.

COMPETENCE:

- Approach the fire from upwind if possible.
- Select and operate the appropriate turret(s).
- Manage the agent with accurate/effective stream placement on the fuselage while maintaining an escape corridor.
- Monitor the area for re-ignition.

TIME: 1:30 Minutes

**7. Demonstrate a three-dimensional aircraft fuel fire so that a dual agent attack is used, the agent is applied using the proper technique, the fire is extinguished and the fuel source is secured.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.3

CONDITION: Given PPE, SCBA, an assignment, and ARFF vehicle charged handline(s) using primary and secondary agents, and 2-firefighter team.

COMPETENCE:

- Select appropriate agents.
- Approach the fire from upwind if possible.
- Charge the handline and adjust the nozzle to produce an effective stream.
- Open and close the nozzle slowly.
- Secure fuel source appropriately.
- Avoid disturbing the foam blanket
- Monitor the area for re-ignition.

TIME: 3:00 Minutes

**8. Demonstrate an attack on the interior of an aircraft while operating as a member of a team.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.4

CONDITION: Given PPE, SCBA, an assignment, and ARFF vehicle handline, appropriate agent, 1-24 ft. ladder, forcible entry tool(s), and 4-firefighter team.

COMPETENCE:

- Select appropriate access for entry.
- Charge the handline and adjust the nozzle to produce an effective pattern.
- Access and gains entry into the aircraft.
- Open and close the nozzle slowly.
- Apply agent to effect extinguishment.
- Monitor the area for re-ignition

TIME: 8:00 Minutes

**9. Demonstrate an attack on an aircraft engine or auxiliary power unit (APU/EPU) fire on an aircraft so that the fire is extinguished and the engine is secured.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.5

CONDITION: Given PPE, SCBA, an assignment, and ARFF vehicle handline or turret, appropriate agent, and 4-firefighter team.

COMPETENCE:

- Select appropriate agent.
- Charge the handline and adjust the nozzle to produce an effective stream.
- Approach with awareness of the intake hazard.
- Apply the extinguishing agent to effect control of the fire.
- Monitor the area for re-ignition.
- Secure engine from cockpit.

TIME: 3:00 Minutes

**10. Demonstrate an attack on a wheel assembly fire so that the fire is controlled.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.6

CONDITION: Given PPE, SCBA, an assignment, and ARFF vehicle handline, appropriate agent, and 2-firefighter team.

COMPETENCE:

- Approach fire from upwind and at the appropriate angle.
- Select appropriate agent(s).
- Charge the handline and adjust the nozzle to produce an effective stream.
- Approach the fire from fore or aft of the tire assembly.
- Apply the extinguishing agent to the tire assembly from a safe distance.
- Identify hazards associated with a tire assembly fire.
- Extinguish the fire and cool the tire assembly area.
- Monitor the area for re-ignition.

TIME: 3:00 Minutes

**11. Demonstrate mechanical ventilation of an aircraft through available doors and hatches so that a sufficient opening is created and heat and other products of combustion are released.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.7

CONDITION: Given PPE, SCBA, an assignment, tools, mechanical ventilation devices and 2-firefighter team.

COMPETENCE:

- Select appropriate position for the fan based on the fire.
- Verify that exhaust opening is established.
- Position and start fan to achieve the proper cone effect in the primary opening.
- Check the airflow and adjust if necessary.
- Clear the aircraft of smoke and gases.

TIME: 5:00 Minutes

**12. Replenish extinguishing agents so that agents are available for application by the ARFF vehicle.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.8

CONDITION: Given an assignment, an ARFF vehicle, fixed or mobile water source, a supply of agent (water), supply lines and fittings and a 2 member team.

COMPETENCE:

- Position apparatus at supply source.
- Establish hose connection from supply source(s).
- Operate control valves.
- Fill tank(s) to appropriate levels.
- Disconnect from supply source(s).

TIME: 3:00 Minutes

**13. Preserve the aircraft accident scene so that evidence is identified, protected, and reported.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.9

CONDITION: Verbalize all components of a given assignment, and barrier devices.

COMPETENCE:

- Secure area and deny entry.
- Identify aircraft parts and document position.
- Identify remains and document position.
- Establish and preserve chain of custody.
- Report information to proper authorities

TIME: 2:00 Minutes

**14. Demonstrate the overhaul of an accident scene so that all fires are extinguished and all property is protected from further damage.**

REFERENCE: NFPA 1003, 2019 Edition, 4.3.10

CONDITION: Given PPE, SCBA, an assignment, hand lines, property conservation equipment and a 2-member team.

COMPETENCE:

- Secure area and deny entry
- Locate and extinguish all remaining fires.
- Avoid unnecessary movement of evidence.
- Identify aircraft parts and document position if moved.
- Identify remains and document position if moved.

TIME: 2:00 Minutes

## RESCUE

**15. Demonstrate the ability to gain access into and out of an aircraft through normal entry points and emergency hatches and assist in the evacuation of passengers and crew. Locate, disentangle and remove entrapped victims.**

REFERENCE: NFPA 1003, 2019 Edition, 4.4.1, 4.4.2

CONDITION: Given PPE, SCBA, an assignment, ladder, rescue tools, and a 4-member team.

COMPETENCE:

- Position the ladder appropriately at the assigned entry point with consideration for wind direction, movement of the door or hatch, and aircraft danger areas.
- Position the ladder at the proper angle of inclination and heel the ladder for safety.
- Climb the ladder, operate the locking mechanism and open or remove the door/hatch.
- Enter the aircraft and establish an interior search pattern.
- Locate and disentangle the victim.
- Remove the victim from the aircraft through the assigned exit and down a ladder.
- Remove the victim from the immediate accident area.

TIME: 15:00 Minutes

**16. Demonstrate the ability to implement initial triage of the victims of an aircraft accident so that each victim is evaluated and correctly categorized according to protocol.**

REFERENCE: NFPA 1003, 2019 Edition, 4.4.3

CONDITION: Given PPE, an assignment and triage protocol.

COMPETENCE:

- Follow triage protocol.
- Correctly identify triage categories.
- Assess each victim and place in correct category.

TIME: 30 Seconds per victim

# UTAH FIRE SERVICE CERTIFICATION SYSTEM

## AIRPORT FIREFIGHTER

NFPA 1003, 2019 Edition

### AIRPORT FIREFIGHTER

#### TRAINING RECORD / IN-HOUSE COMPREHENSIVE EXAM

<b>Candidate Name:</b>	<b>Department:</b>
<b>Candidate Signature:</b>	<b>Date of Completion:</b>
<b>Chief/Training Officer Name:</b>	<b>Chief/Training Officer Signature:</b>

This form may be completed on a computer but must be printed out for the Certification Tester to verify on test day. Date of completion and signatures of Chief/Training Officer and Candidate must be original signatures. Signatures attest that all manipulative skills have been trained on and a complete In-House Comprehensive Exam was administered and passed. Falsification of signatures or any component of this document may result in the revocation, suspension, or denial of certification.

SECTION	TRAINING RECORD		IN-HOUSE COMPREHENSIVE EXAMS			MANIPULATIVE SKILL DEMONSTRATE
	DATE	INST	DATE	INST	PASS	
<b>GENERAL</b>						1. Demonstrate donning/doffing personal protective clothing.
<b>RESPONSE</b>						2. Demonstrate response to an incident or accident.
						3. Demonstrate ability to communicate an incident size-up.
<b>FIRE SUPPRESSION</b>						4. Perform an airport standby operation according to P & P.
						5. Demonstrate extinguishment of 750-sq.ft.aircraft fuel spill fire.
						6. Demonstrate extinguishment of 2,076-sq.ft.aircraft fuel spill fire.
						7. Demonstrate an attack on a three dimensional aircraft fuel fire.
						8. Demonstrate an attack on the interior of an aircraft fire.
						9. Demonstrate an attack on an aircraft engine or APU/EPU fire.
						10. Demonstrate an attack on a wheel assembly fire.
						11. Demonstrate ventilation of an aircraft through doors or hatches.
						12. Replenish extinguishing agents on an ARFF vehicle.
						13. Preserve the aircraft accident scene.
<b>RESCUE</b>						14. Demonstrate the overhaul of an accident scene.
						15. Demonstrate the ability to gain access on an aircraft, assist with evacuation.
						16. Demonstrate initial triage of victims of an aircraft accident.

**APPENDIX - A**  
**IN-HOUSE PROCTOR INSTRUCTIONS**

## **Proctor Instructions for “IN-HOUSE” Comprehensive Examination**

As the training officer(s) for your department you are authorized by the Certification Council to conduct the 100% skills test for this level of certification. You must be certified to the level that you are testing, i.e....If you are FF II you can test both FF I and FF II, HazMat Awareness and HazMat Operations.

### **\*PRIOR TO CONDUCTING THE TEST, REVIEW TRAINING RECORDS**

It is important that before doing this “IN-HOUSE” exam that the candidate has completed training in all areas for the level being tested.

### **\*SAFETY OFFICER SELECTED AND BRIEFED**

Select a Safety Officer to assist you during the test. This person, if possible, should not be taking the same test that is being given. The Safety Officer will not assist with the testing process. The Safety Officer is there to protect the candidates from injury during the testing process.

By using the following instructions you will be able to evaluate the skills being tested and determine the candidate’s readiness for the state “Spot Check” exam.

- 1 - Keep in mind that this is a TEST and there should be NO COACHING or TRAINING during the testing process. If a candidate fails to perform a skill that skill will count as a first attempt failure and they will be given a second attempt. If they fail a second attempt, time they need to be retrained on that skill and tested again. Only **qualified** candidates that have passed with **100%** should be allowed to take the state SPOT CHECK Exam.
- 2 - Before beginning that testing process conduct a meeting with all candidates and review the testing process. Explain that this is a test and that the same process being used for the “In-House” will be used during the state exam.
- 3 - If possible, designate two separate areas for students testing. One area for those who are in the testing process and one area for those who have not yet begun the testing process. If separate areas are not available, make sure someone is in the room to ensure that students do not discuss the testing material. Make sure these areas have no training manuals, or other reference materials for students to look at while waiting testing.
- 4 - To evaluate a candidate’s performance use the following as a guide.
  - a. The skill is completed in the allotted time,
  - b. Competence is shown by completing all performance criteria,
  - c. Safety is shown while completing the skill
- 5 - At each test station the tester will read the **skill** to be demonstrated, the **Condition** to be met and the **time** limit to complete each skill. This information is contained in the skill section of each standards packet. Do this with each student as they come to each testing stations. Ask for any questions. As each skill is tested and completed, sign it off in the section provided on the candidates training record.

By conducting the “In-House” test in this manner, you will prepare your candidate(s) to successfully pass the State “Spot Check” exam. This will also assure that training records are current and that only those who are truly prepared take the certification examination.

**APPENDIX - B**  
**CERTIFICATION FORMS**

# Utah Fire Service Certification Council



## INTENT TO PARTICIPATE

### Organization Information

The following organization intends to participate in the Utah Fire Service Certification Program:

**Department/Organization Name:** \_\_\_\_\_

**Department/Organization Type:** Fire  EMS  Other  \_\_\_\_\_

**Address:** \_\_\_\_\_ **Dept/Org Phone Number:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

**Chief/Administrator:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

**Daytime Phone #:** \_\_\_\_\_ **Evening Phone #:** \_\_\_\_\_

**Training Officer:** \_\_\_\_\_ **Email:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

**Daytime Phone #:** \_\_\_\_\_ **Evening Phone #:** \_\_\_\_\_

### Chief/Administrator Signature

By signing below, I certify that the information listed is true and correct. I also certify that the above listed department/organization will follow all policies and procedures of the Utah Fire Service Certification system.

**Chief/Administrator Signature:** \_\_\_\_\_

Utah Fire Service Certification Council  
C/O Utah Fire and Rescue Academy  
3131 Mike Jense Parkway  
Provo UT 84601  
Fax: 801-374-0681

Certification Office Use Only

## Utah Fire Service Certification Council EXAMINATION REQUEST

Department/Agency Name(s): \_\_\_\_\_ Date: \_\_\_\_\_

Check this box if there is more than one department testing. List each candidate and department on reverse side of form.

Please complete all information on **both** sides/pages of this form and submit it to the certification office **at least 30 days prior to the requested examination date**. A separate request **MUST** be made for each level of certification exam desired and for each exam date.

**EXAM TYPE** (Place an "X" in the boxes that apply)

Certification exam level requested: \_\_\_\_\_

**\* Departments who choose not to use an authorized Department Tester will be required to conduct the written examination two (2) hours before the manipulative examination. If a Department Tester tests their own department's written exams, the written and manipulative exams can be taken on different days.**

<input type="checkbox"/> WRITTEN	<input type="checkbox"/> 1 <sup>ST</sup> ATTEMPT	<input type="checkbox"/> 2 <sup>ND</sup> ATTEMPT	<input type="checkbox"/> 3 <sup>RD</sup> ATTEMPT	_____ / _____ Exam Date      Exam Time
				*Please allow 2 hours for each written exam
<input type="checkbox"/> MANIPULATIVE	<input type="checkbox"/> 1 <sup>ST</sup> ATTEMPT	<input type="checkbox"/> 2 <sup>ND</sup> ATTEMPT	<input type="checkbox"/> 3 <sup>RD</sup> ATTEMPT	_____ / _____ Exam Date      Exam Time

Number of persons taking **WRITTEN** Exam \_\_\_\_\_

Number of persons taking **MANIPULATIVE** Exam \_\_\_\_\_

**EXAM LOCATION**

Examination requested to be conducted at (location): \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

**COVID-19 INFORMATION**

Departments/agencies will be responsible to ensure candidates are in good health on testing date (no fever above 100.4) and that they are testing in a safe, clean environment. Once the examination has been scheduled the department/agency will receive the "UFRA Classroom Safety Procedures Checklist" and will need to work with the assigned Lead Certification Tester to ensure full completion of the checklist. This applies to all written and manipulative skill examinations.

Departments/agencies are not required to provide a **Temporal Scanner, Masks, Gloves, Hand Sanitizer, or Disinfectant** for the Certification Tester(s), however due to limited supply at UFRA your exam may be delayed until the necessary supplies are available. Also please understand with the influx of testing if we are unable to find enough Certification Testers who are available to administer your exam for the requested date(s) the Certification Office may have to reschedule your exam.

- YES**, my department **WILL** provide the items listed above for the Certification Tester(s) even though we are not required to. If the Tester(s) arrive at the test site and these items are not available the examination will be cancelled. I also understand our exam may be rescheduled if Certification Testers are not available for the dates listed on this form. Please Initial \_\_\_\_\_
- NO**, my department **WILL NOT** be able to provide the items listed above for the Certification Tester(s) and understand our exam may be delayed. I also understand our exam may be rescheduled if Certification Testers are not available for the dates listed on this form. Please Initial \_\_\_\_\_

**Utah Fire Service Certification Council  
EXAMINATION REQUEST**

**ACCOMMODATIONS**

If a candidate needs reasonable accommodations for learning disabilities or other conditions affecting the candidate's ability to complete the written examination, accommodations can be made. Please contact the certification office if accommodations are necessary.

**AUTHORIZATION**

By signing below I acknowledge that each candidate is currently affiliated with an agency approved by the UFSCC. I also acknowledge that completed training records exist for each candidate testing. The record states that each candidate testing has received a learning experience in each subject area required for testing and has met all other requirements as specified in the Certification Policy and Procedures. For manipulative (skills) testing to occur, the completed training record(s) **must** be present at the test site.

Department/Agency requesting the above exam will have appropriate space, safe accommodations, and required equipment/props for all written and manipulative skills.

**If completing this form electronically, check box to acknowledge you agree and comply with the statement below. This will serve as your signature.**

---

Chief or Administrator Signature

---

Training Officer Signature

---

Chief or Administrator Name (typed or printed)

---

Training Officer Name (typed or printed)

---

Department/Agency Mailing Address

---

Chief/Training Officer Daytime Telephone #

---

City

State

Zip

---

Chief/Training Officer Email Address

**Utah Fire Service Certification Council  
EXAMINATION REQUEST**

**If using an authorized, department tester for the written exam, complete the following information.**

/	/	
Tester Name	Title	Tester #

List the names and departments of participants who will be taking the examination.

Candidate(s) Name	Agency
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	

Please sign and return to:  
**Utah Fire Service Certification Council**  
 C/O Utah Fire and Rescue Academy  
 3131 Mike Jense Parkway Provo UT 84601  
 Email: [UFRACertification@uvu.edu](mailto:UFRACertification@uvu.edu)  
 Fax: 801-374-0681  
 Phone Toll Free: 888-548-7816

**Utah Fire Service Certification Council**

# CERTIFICATION – RECERTIFICATION REQUEST

## Department Information

The following department/participating agency requests that the Utah Fire Service Certification Council certify / re-certify the individuals listed on the reverse side of this form.

Department Name: \_\_\_\_\_

## Certification or Re-certification

(Place an "X" in the boxes that apply)       Certification       Re-Certification

## Required Documentation and Signatures

If this is a request for **CERTIFICATION**, the chief or administrator of the organization shall attest and sign for the following:

**By my signature below, I certify that department records exist to support that each individual listed on the reverse side of the form:**

1. Received a learning experience in each subject area required for certification.
2. Successfully passed the state certification written exam for the level of certification being requested.
3. Successfully passed the in-house comprehensive manipulative skills exam as described in the certification standard (where applicable). ▪ State certification standards can be found on UFRA's website.
4. Successfully passed the state certification manipulative skills exam for the level of certification being requested (where applicable).
5. Has met all other requirements for the level being examined as specified in the certification standard.
6. Is a member and in good standing with the department or organization.
7. Has not been convicted of a felony, capital crime, or a felony plea-bargained down to a misdemeanor.

If this is a request for **RE-CERTIFICATION**, the chief or administrator of the organization shall attest and sign for the following:

**By my signature below, I certify that department records exist to support that each individual listed on the reverse side of this form has:**

1. Remained active and in good standing with the department or organization for the past three years.
2. Successfully maintained all skills required for the levels of certification held.
3. Successfully completed a minimum of 36 hours of training each year or a total of 108 hours of training within the past three years.
4. Has met all other requirements for the re-certification levels requested as specified in the UFSCS Policy and Procedures.

\_\_\_\_\_  
Chief/Administrator or Training Officer Signature

\_\_\_\_\_  
Chief or Administrator Name (typed or printed)

\_\_\_\_\_  
Training Officer Name (typed or printed)

\_\_\_\_\_  
Department/Agency Mailing Address

\_\_\_\_\_  
Chief/Training Officer Daytime Telephone #

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip

\_\_\_\_\_  
Chief/Training Officer Email Address

**Please sign and return to:  
Utah Fire Service Certification Council  
C/O Utah Fire and Rescue Academy  
3131 Mike Jense Parkway Provo UT 84601  
Email: UFRACertification@uvu.edu  
Fax: 801-374-0681  
Phone Toll Free: 888-548-7816**

**Utah Fire Service Certification Council**

**~REQUEST FOR CERTIFICATION / RECERTIFICATION~**

Department/Organization Name

Date

Please type or print names as they should appear on each applicant's card and/or certificate. If this is for recertification, print "RECERT" on the level requested line.

<b>Applicant Name</b>	<b>Social Security # (last four digits)</b>	<b>Date of Birth (mm/dd/yyyy)</b>	<b>Level Requested</b>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
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17.			
18.			
19.			
20.			