

Utah Fire Service Certification System

AIRPORT FIREFIGHTER



CERTIFICATION STANDARD

NOVEMBER 2016

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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. These professionals received little compensation for their time and effort while completing this work. Their compensation comes from the satisfaction of knowing they have contributed to the professional development of the fire service of Utah.

Thank you...

Paul Bedont, Chief
Price City Fire Department
Certification Council Representative

Pat Vega, Firefighter
Clinton Fire Department

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Salt Lake City Fire Department

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Hill Air Force Base Fire Department

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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*, 2015 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.

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.

**In Memoriam,
September 11, 2001**

CERTIFICATION REQUIREMENTS

Entrance Requirements

In order to certify within the Utah Airport Firefighter program, departments/firefighters 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.

The UFSCC acknowledges the importance of and need for entrance requirements as listed in the NFPA 1003, (2015 edition) standard on *Airport Firefighter Professional Qualifications*. Many agencies and departments have existing policies, regulations, etc. already in place regarding these requirements. The handling of entrance 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 entrance requirements due to their own special needs. Since this is 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 very careful evaluation before altering or doing away with any entrance requirements.**

The requirements listed in NFPA 1001, 2013 ed., Chapter 4 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 shall be developed and validated by the authority having jurisdiction. Physical fitness requirements shall be in compliance with applicable Equal Employment Opportunity regulations and other legal requirements.

Physical Fitness Requirements

*Occupational Safety
and Health
Requirements*

*Department Training
Officers*

The requirements listed in NFPA 1500, 2013 Chapter 7, are:

1. Meet the Protective Clothing and Protective Equipment requirements of NFPA 1500, Policy A.7.12.1.
2. Meet OSHA 29 CFR 1910.134(g) it contains the statement, “Respirators shall **not** be worn when conditions prevent a good face seal.”
3. Meet OSHA 1910.134 (g)(1)(i)(A) Occupational health and safety regulatory requirements.

Department training officers should be qualified one level above the level they are teaching. In order for departments to enroll in the certification process, it is necessary for the department to assign training officers. It is recommended that the department assign at least two personnel as training officers to coordinate and provide certification training.

Certification Council strongly recommends that training officers be state certified at the **Instructor I** level.

Department training officer(s) will be responsible for certification training. Their primary responsibility will be to teach, evaluate and in-house test department personnel on the manipulative skill requirements for each level of certification training.

Departments who **do not** have qualified personnel to act as training officers for certification training should contact the Utah Fire And Rescue Academy at 1-888-548-7816 for assistance in setting up and monitoring certification training.

The final entrance requirement is to complete the "Intent to Participate" form provided in Appendix C 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 (2015 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 (2015). The training record and In-House examination as found in Appendix A of 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 (2015). All training must be documented on a training record and include an In-House examination as found in Appendix A of 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, 2015 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 participant shall have a current training record on file with the department which indicates that he/she has trained on all manipulative skill objectives. Training records must have the date and instructor's original signature and/or initials for each line. Departments may set up their own training records or use the one provided in Appendix A.

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 B. 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.

*Live Fire
Requirements*

**CERTIFICATION
EXAMINATIONS**

Written Examinations

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 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.

After completion of the training process, the Chief/Administrator can request testing for the candidate using the "Request for Examination" form in Appendix C. 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.

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:

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

Open flames are prohibited within _____ feet of fueling operations.

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

*Manipulative Skills
"Spot Check"
Examination*

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.

AIRPORT FIREFIGHTER CERTIFICATION

Prerequisites for Airport Firefighter Certification

Re-certification

*For more information
on Utah Firefighter
Certification contact:*

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 "Request for Certification" form provided in Appendix C. 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 \$60 testing/certification fee.

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.

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 an "Application for Certification/Re-certification" provided in Appendix C.

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.

**Utah Fire Service Certification Council
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3131 Mike Jense Parkway
Provo, UT 84601
1-888-548-7816
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AIRPORT
FIREFIGHTER
CERTIFICATION
CHECKLIST

ENTRANCE REQUIREMENTS:

- Each participant has met requirements listed in NFPA 1001, Chapter 4 or those established by the authority having jurisdiction.
- 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 "Request for Certification" form

AIRPORT FIREFIGHTER MANIPULATIVE SKILL OBJECTIVES

GENERAL

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

REFERENCE: NFPA 1003, 2015 Edition, 4.1.1.4

CONDITION: Given Helmet, 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.
- Complete skill in allotted time.

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, 2015 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 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 en-route to location.
- Arrive at location in allotted time frame.
- Complete skill in allotted time.

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, 2015 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.
- Complete skill in allotted time.

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, 2015 Edition, 4.2.4

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

COMPETENCE:

- Observe and verbalize possible hazardous conditions and mitigate the hazard.
- Complete skill in allotted time.

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, 2015 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 closes nozzle slowly.
- Apply extinguishing agent in a sweeping motion.
- Avoid disturbing the foam blanket.
- Monitor area for re-ignition.
- Complete skill in allotted time.

TIME: 1:30 Minutes

6. Demonstrate the extinguishment of a 2067 sq. ft. aircraft fuel spill fire so that the agent is applied using the proper techniques and the fire is extinguished.

REFERENCE: NFPA 1003, 2015 Edition, 4.3.2

CONDITION: Given PPE, SCBA, an assignment, an ARFF vehicle turret flowing minimum of 250 gpm of AFFF extinguishing agent, a 2067 sq. ft. fire.

COMPETENCE:

- Approach the fire from upwind if possible.
- Select and operates 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.
- Complete skill in allotted time.

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, 2015 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 adjusts the nozzle to produce an effective stream.
- Open and closes the nozzle slowly.
- Secure fuel source appropriately.
- Avoid disturbing the foam blanket
- Monitor the area for re-ignition.
- Complete skill in allotted time.

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, 2015 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 adjusts the nozzle to produce an effective pattern.
- Access and gains entry into the aircraft.
- Open and closes the nozzle slowly.
- Apply agent to effect extinguishment.
- Monitor the area for re-ignition
- Complete skill in allotted time.

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, 2015 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 adjusts 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.
- Complete skill in allotted time.

TIME: 3:00 Minutes

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

REFERENCE: NFPA 1003, 2015 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 adjusts the nozzle to produce an effective stream.
- Approach the fire from fore or aft of the tire assembly.
- Apply the agent to the tire assembly from a safe distance.
- Identify hazards associated with a tire assembly fire.
- Extinguish the fire and cools the tire assembly area.
- Monitor the area for re-ignition.
- Complete skill in allotted time.

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, 2015 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 starts fan to achieve the proper cone effect in the primary opening.
- Check the airflow and adjusts if necessary.
- Clear the aircraft of smoke and gases.
- Complete skill in allotted time.

TIME: 5:00 Minutes

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

REFERENCE: NFPA 1003, 2015 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 connections from supply source(s).
- Operate control valves.
- Fill tank(s) to appropriate levels.
- Disconnect from supply source(s).
- Complete skill in allotted time

TIME: 3:00 Minutes

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

REFERENCE: NFPA 1003, 2015 Edition, 4.3.9

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

COMPETENCE:

- Secure area and denies entry.
- Identify aircraft parts and documents position.
- Identify remains and documents position.
- Establish and preserves chain of custody.
- Report information to proper authorities
- Complete skill in allotted time.

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, 2015 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 documents position if moved.
- Identify remains and documents position if moved.
- Complete skill in allotted time.

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, 2015 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 heels the ladder for safety.
- Climb the ladder, operates the locking mechanism and opens or removes the door/hatch.
- Enters the aircraft and establishes an interior search pattern.
- Locate and disentangles the victim.
- Remove the victim from the aircraft through the assigned exit and down a ladder.
- Remove the victim from the immediate accident area.
- Complete skill in allotted time.

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, 2015 Edition, 4.4.3

CONDITION: Given PPE, an assignment and triage protocol.

COMPETENCE:

- Follow triage protocol.
- Correctly identifies triage categories.
- Assess each victim and place in correct category.
- Complete skill in allotted time.

TIME: 30 Seconds per victim

APPENDIX - A
TRAINING RECORD

UTAH FIRE SERVICE CERTIFICATION SYSTEM
AIRPORT FIREFIGHTER
NFPA 1003, 2015 Edition

AIRPORT FIREFIGHTER
TRAINING RECORD / IN-HOUSE COMPREHENSIVE EXAM

NAME: _____

DEPARTMENT: _____

SECTION	TRAINING RECORD		IN-HOUSE COMP. EXAM			MANIPULATIVE SKILL DEMONSTRATE
	DATE	INST	DATE	INST	PASS	
General Response						1. Demonstrate donning/doffing personal protective clothing. (4.1.1.4)
						2. Demonstrate response to an incident or accident. (4.2.1; 4.2.3)
Fire Suppression						3. Demonstrate ability to communicate an incident size-up. (4.2.2; 4.2.4)
						4. Perform an airport standby operation according to P & P. (4.2.4)
						5. Demonstrate extinguishment of 750-sq.ft.aircraft fuel spill fire. (4.3.1)
						6. Demonstrate extinguishment of 2,076-sq.ft.aircraft fuel spill fire. (4.3.2)
						7. Demonstrate an attack on a three dimensional aircraft fuel fire. (4.3.3)
						8. Demonstrate an attack on the interior of an aircraft fire. (4.3.4)
						9. Demonstrate an attack on an aircraft engine or APU/EPU fire. (4.3.5)
						10. Demonstrate an attack on a wheel assembly fire. (4.3.6)
						11. Demonstrate ventilation of an aircraft through doors or hatches. (4.3.7)
						12. Replenish extinguishing agents on an ARFF vehicle. (4.3.8)
						13. Preserve the aircraft accident scene. (4.3.9)
						14. Demonstrate the overhaul of an accident scene. (4.3.10)
Rescue						15. Demonstrate the ability to gain access on an aircraft, assist with evacuation. (4.4.1; 4.4.2)
						16. Demonstrate initial triage of victims of an aircraft accident. (4.4.3)

* Training records must have the date and instructor's original signature and/or initials for each line.

APPENDIX - B
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 - C
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 - 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 Reciprocity

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 at <http://www.uvu.edu/ufra/certification/forms.html>.
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 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 #
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City	State	Zip	Chief/Training Officer Email Address
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**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.

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