

STATE OF SOUTH DAKOTA CLASS SPECIFICATION

Class Title: Senior Air Rescue Fire Fighter

Class Code: 60632

Pay Grade: GH

A. Purpose:

Controls and directs fire fighting crews and functions as a crew chief, station captain, and/or senior fire officer to provide fire, crash, and rescue protection and medical services for the South Dakota Air Guard Base and the Sioux Falls Airport Authority.

B. Distinguishing Feature:

Senior Air Rescue Fire Fighters are crew chiefs during emergencies, act as a station commander, and are lead workers over Air Rescue Fire Fighters.

Air Rescue Fire Fighter Supervisors supervise fire fighters and plan, organize, manage and direct fire department activities.

Air Rescue Fire Fighters provide fire protection, emergency medical services, and related services.

C. Functions:

(These are examples only; any one position may not include all of the listed examples nor do the listed examples include all functions which may be found in positions of this class.)

1. Functions as a crash and rescue crew chief for the South Dakota Air Guard Base and the Sioux Falls Airport to coordinate and direct how crews respond to emergencies.
 - a. Maintains shift readiness for emergencies and assists crew with equipment or vehicle problems.
 - b. Inspects and maintains the station, vehicles, and equipment.
 - c. Performs emergency operations for aircraft ground emergencies, in-flight, medical, hazardous materials, confined space, and structural emergencies.
 - d. Leads interior fire suppression and rescue operations during emergency responses.
 - i. Directs the activities of a crew engaged in fire suppression or rescue activities.
 - ii. Relays information to the assistant chief during emergency situations.
2. Functions as the station captain to ensure the fire station is properly maintained and ready for operations.
 - a. Checks alarm room and ensures alarm systems are operational.
 - b. Assigns fire fighters to vehicles when the supervisor is not on a shift.
 - c. Checks activity logs on the computer.
 - d. Directs personnel to check out fire alarms.
 - e. Carries out training assigned by the supervisor.
 - f. Notifies security and tower if they will be out of the station.
 - g. Ensures the station is cleaned, maintained, and presentable at all times.
 - h. Completes incident reports and loads them into the computer.
 - i. Checks crew and ensures they carry out assigned accountabilities.
3. Acts as the assistant chief when a supervisor is not on duty.
 - a. Maintains control of and directs fire department operations while on duty.
 - b. Assigns personnel to station duties and daily operations.
 - c. Assumes command and control during emergency operations.
 - d. Communicates and coordinates with the base and airport agencies during emergencies.

- e. Assesses situations and utilizes all necessary resources during emergencies.
- f. Determines whether personnel should withdraw from fire suppression activities if there are potential hazards present that could affect the safety and well-being of the crews.

4. Performs other work as assigned.

D. Reporting Relationships:

Reports to an Air Rescue Fire Fighter Supervisor and provides work direction to Air Rescue Fire Fighters.

E. Challenges and Problems:

Challenged to carry out the responsibilities of assistant chief on a shift in that person's absence. This is difficult because of the need to establish, control, and direct all fire department operations and activities while on duty and dealing with the possible emergencies that can be and are encountered in fire and emergency medical services.

Typical problems include making life or death decisions during emergency situations; ensuring the safety of crews, victims, environment, and property; maintaining knowledge of changing qualifications, techniques, and equipment; operational procedures in gathering and utilizing resources during emergencies; dealing in fire fighting situations where munitions and dangerous chemicals or liquids are involved; and ensuring that no errors occur during fire fighting and rescue procedures that could cause the loss of life or damage to millions of dollars worth of equipment.

F. Decision-making Authority:

Decisions made include deciding if mutual aid or other resources are needed in emergency situations; how to control, confine, and extinguish fires; how to carry out rescue procedures; whether to withdraw from a fire; how to delegate tasks and responsibilities to other staff; ensures entries are made in the fire protection daily log; and daily vehicle inspections.

Decisions referred include how to handle out-of-service equipment, if additional training for staff is needed, problems with vehicles, the purchase of supplies and equipment, scheduling, procedures, and policies.

G. Contact with Others:

Daily contact with base personnel, personnel at the Sioux Falls Fire Department training center, and airport authority personnel to give and receive information; periodically with vendors/manufacturers of equipment to discuss problems or enhancements; and as needed with pilots, aircraft crews, passengers, and Air Base personnel to direct their activities during fire, crash, and rescue procedures. As needed contact with metro communications, civil defense, and Sioux Falls Fire Department for mutual aid in carrying out fire department functions.

H. Working Conditions:

These positions are exposed to extreme heat, heavy smoke, and hazardous atmospheres. Must perform heavy physical exertion while wearing approximately sixty-five pounds of personal protective equipment. Work in confined and cramped areas. Faces potential exposure to hydrazine, explosives, and munitions while working with F-16's. Is exposed to the potential hazard of ingestion by jet engines while carrying out crash and rescue procedures on aircraft.

I. Knowledge, Skills and Abilities:

Knowledge of:

- the Air National Guard's fire protection mission and organization;
- communications security;
- industrial safety objectives;
- fire protection publications and Air Force fire protection regulations;
- fire behavior science;
- rescuing personnel in emergency situations;
- F-16 weapons, munitions, explosives, shut down, and egress procedures;
- chemical fire fighting tactics at DOD operational level and HazMat Incident Command level;
- alarm and communications systems operation procedures;
- principles of structural and aircraft fire fighting techniques;
- aircraft arresting systems;
- air base and airport authority building construction and designs;
- crash and fire rescue procedures for aircraft and buildings;
- emergency power unit (EPU) operations and dangers associated with F-16 and other aircraft;
- aircraft and building emergency exits;
- emergency medical services;
- how to operate related fire equipment and vehicles.

Ability to:

- direct the activities of others;
- deal tactfully with others and maintain a positive and professional demeanor;
- maintain required certifications in emergency medical services, vehicle and equipment operation, and fire tactics;
- use a computer and operate alarm room and communications center;
- react effectively in emergency situations;
- work in confined or cramped areas;
- follow hand signals and verbal directions;
- operate a self contained breathing apparatus (SCBA);
- reference NFPA Standards and OSHA Regulations;
- lift and carry personnel from aircraft;
- identify and react to emergency situations;
- acquire necessary DOD Fire Fighter Certification according to DOD 6055.06M "DOD Fire and Emergency Services Certification Program;"
- work as a team;
- maintain positive open communications;
- follow and implement fire department standard Operating Procedures (SOPs).

J. Licensure and Certification:

Must successfully complete and maintain required Department of Defense (DOD) mandatory certifications as referenced in DOD 6055.06M "DOD Fire and Emergency Services Certification Program."

No applicant may be appointed to one of these positions unless the following requirements are met (in accordance with standards established by the Air Force Regulations Handbook):

1. Normal color perception;

2. Possession of at least 20/100 uncorrected vision in each eye, corrected to 20/20 in one eye and 20/30 in the other eye;
3. No medical history of pyrophobia, acrophobia, or claustrophobia;
4. Security Clearance: ANGFWA Fire Fighters must obtain a favorable background investigation, and have an appropriate clearance to allow access to computer networks and restricted areas in the performance of their duties; and
5. Successfully pass physical testing and a medical examination.