

2022

ANNUAL REPORT

SOUTH JORDAN CITY
FIRE DEPARTMENT



SOUTH JORDAN CITY FIRE DEPARTMENT

TABLE OF CONTENTS

02	LETTER FROM THE FIRE CHIEF
03	DEPARTMENT OVERVIEW
04	FIRE STATIONS
05	FIRE DEPARTMENT ADMINISTRATION
06	ORGANIZATIONAL STRUCTURE
07	RESPONSE DATA
08	FIRE DEPARTMENT OPERATIONS
09	EMPLOYEE RECOGNITION
10	EMERGENCY MANAGEMENT
11	TRAINING AND CONTINUING EDUCATION
12	TRAINING AND CONTINUING EDUCATION
13	PERSONNEL DEVELOPMENT
14	PERSONNEL DEVELOPMENT
15	EMERGENCY MEDICAL SERVICES
16	EMERGENCY MEDICAL SERVICES
17	FIRE DEPARTMENT RESPONSE



2022 MESSAGE FROM THE CHIEF



CHRIS DAWSON
FIRE CHIEF

As the Fire Chief, it is my pleasure to work alongside the professional men and women in the South Jordan Fire Department. Together with the other great employees here at South Jordan, our desire is to provide the best services possible to the residents of our wonderful community. As our city continues to grow, so too does our Fire Department. Our objective is to continue to manage the Fire Department's growth in an appropriate way, the goal of which is to be able to provide excellent services in a fiscally responsible manner. Through continual advance planning, we are working to expand Fire Department operations at a pace that is consistent with the growth and demand for services throughout our city.

In addition to expanding our existing services, we continue to actively seek after new innovations and technology that impact our industry. We desire to be industry leaders, offering the best in advanced emergency medical response and ambulance transport services, as well as effectively responding to fire, hazardous materials, and many types of technical rescue emergencies. Our goal is to respond in an efficient and competent manner to any call for service to which we may respond.

I truly believe that our personnel are the best in the industry. We have a wonderful workforce that is committed to providing excellent customer service, while delivering top-tier emergency services to our community. We are committed to continuing to improve our operations to meet the needs of our residents both now and in to the future. Please don't hesitate to reach out to us if we can be of any assistance.

Sincerely,

Chris Dawson, Fire Chief
South Jordan Fire Department



SOUTH JORDAN CITY FIRE DEPARTMENT

As an all hazards emergency response agency, the South Jordan Fire Department prides itself on providing exceptional service to the community. Our professional firefighters and paramedics operate out of four strategically located fire stations across the city. South Jordan Firefighters respond to a variety of incidents and perform many duties including fire suppression, advanced emergency medical response, ambulance transportation, hazardous materials response, technical rescue operations, fire prevention activities, and community education.

Our Operations Division consists of one Deputy Chief and three Battalion Chiefs who are responsible for the daily oversight of 80 sworn members who serve a population of approximately 80,000 within 22 square miles. South Jordan City is located in the rapidly growing southwest corner of the Salt Lake Valley.

Each day the South Jordan Fire Department staffs the following resources:

- 1 – Operations Battalion Chief
- 4 – Advanced Life Support Ambulances
- 1 – Ladder Truck
- 3 – Engine Companies
- 1 – Type 6 Wildland Engine
- 1 – Type 3 Wildland Engine



DEPARTMENT OVERVIEW



FIRE STATIONS



STATION 61

10758 SOUTH REDWOOD ROAD



STATION 62

4022 WEST SOUTH JORDAN PARKWAY



STATION 63

10451 SOUTH 1055 WEST



STATION 64

5443 WEST LAKE AVENUE

SOUTH JORDAN CITY FIRE DEPARTMENT

FIRE DEPARTMENT ADMINISTRATION

FIRE DEPARTMENT COMMAND STAFF



CHRIS DAWSON
FIRE CHIEF



RYAN LESSNER
DEPUTY CHIEF



MICHAEL RICHARDS
ADMINISTRATIVE DIVISION CHIEF



JON STONE
BATTALION CHIEF A PLATOON



RYAN RAY
BATTALION CHIEF B PLATOON



CLAYTON MILLER
BATTALION CHIEF C PLATOON



AARON SAINSBURY
EMERGENCY MANAGER



RUSS AVERY
FIRE INSPECTOR



MICHAEL BETTRIDGE
TRAINING CAPTAIN

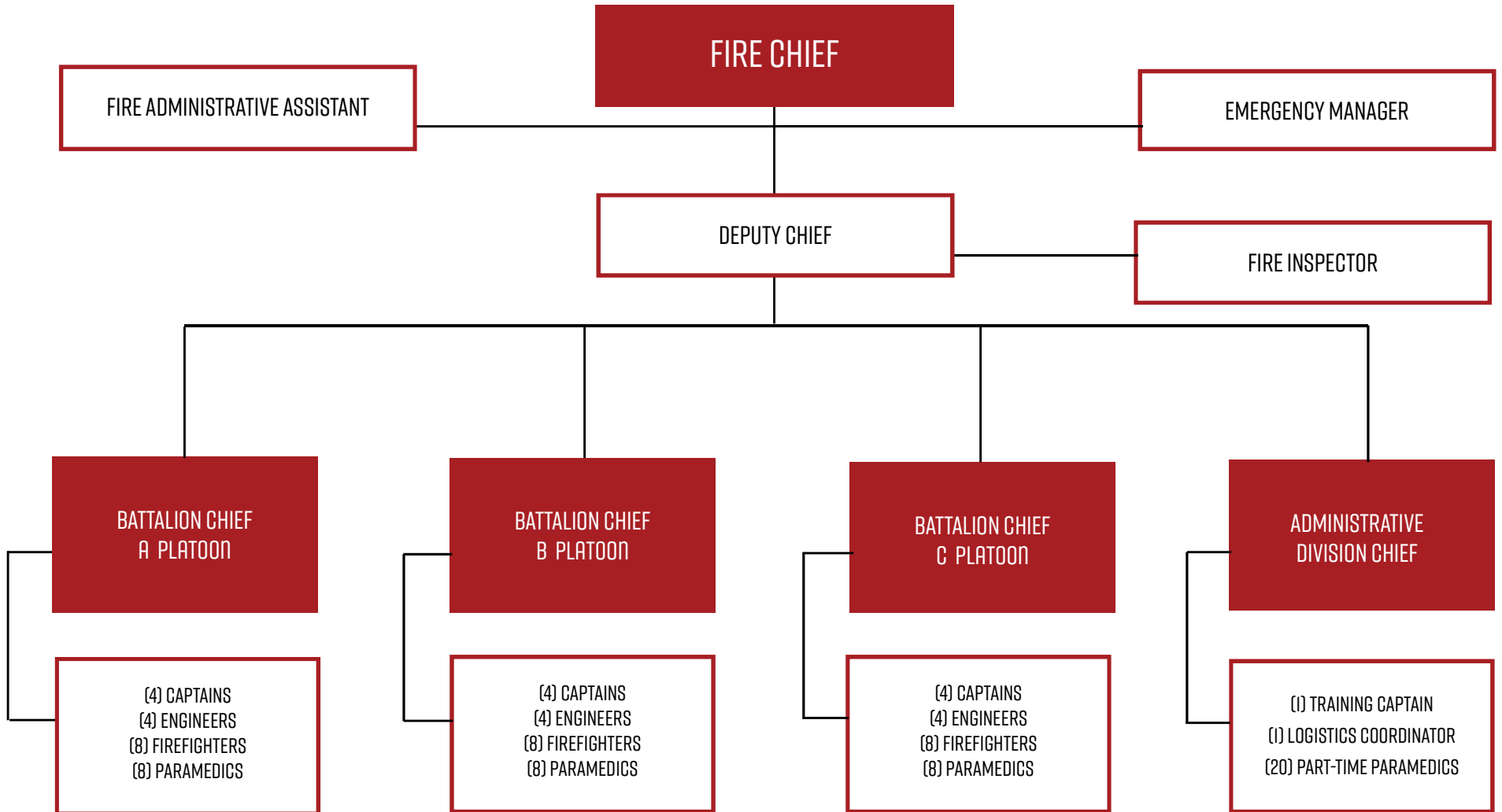


AARON TROYER
LOGISTICS COORDINATOR



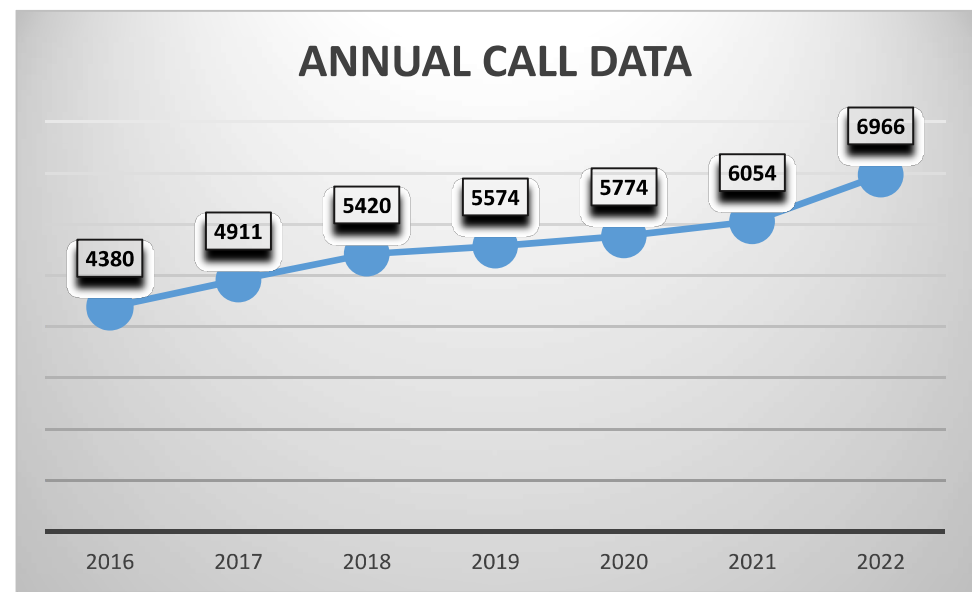
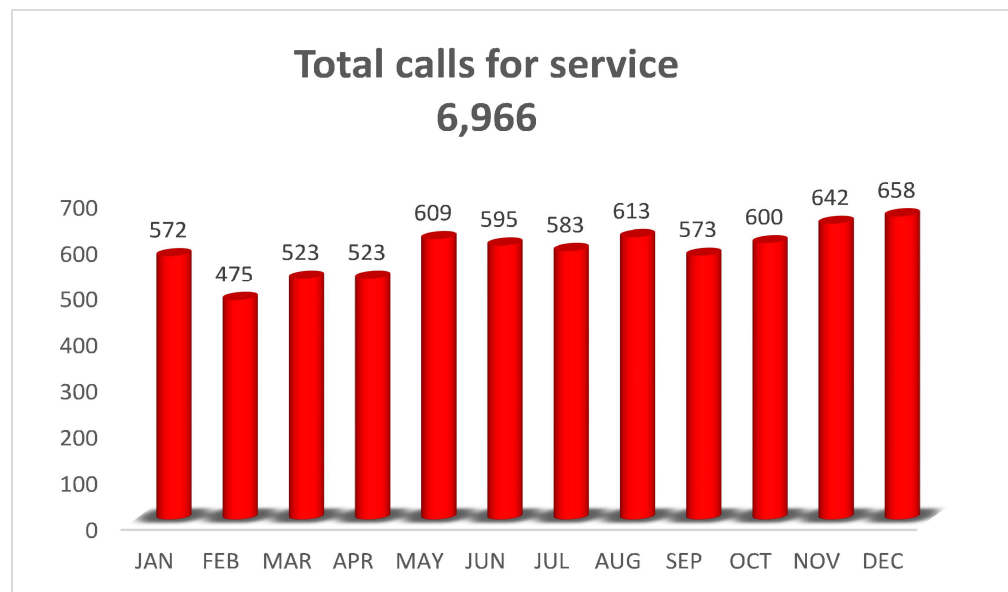
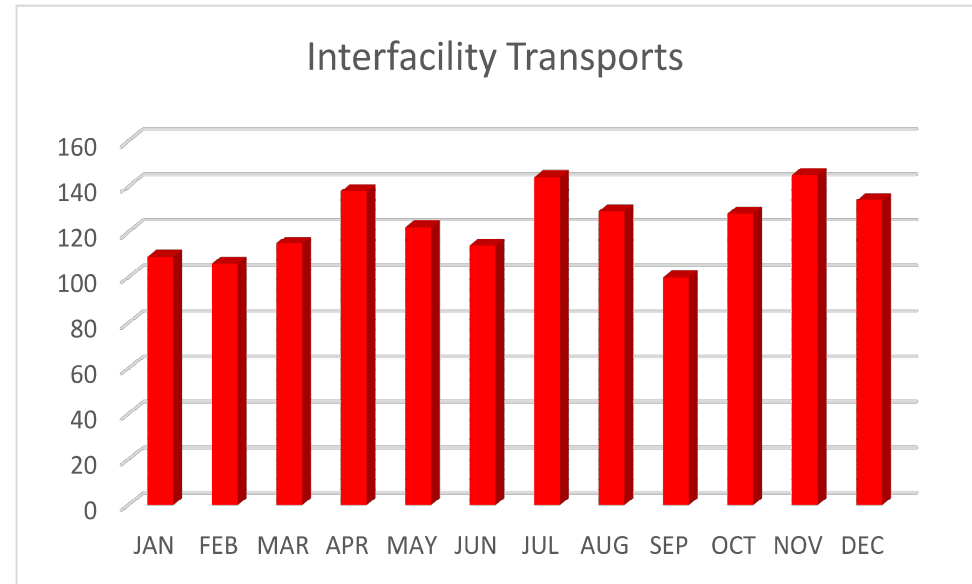
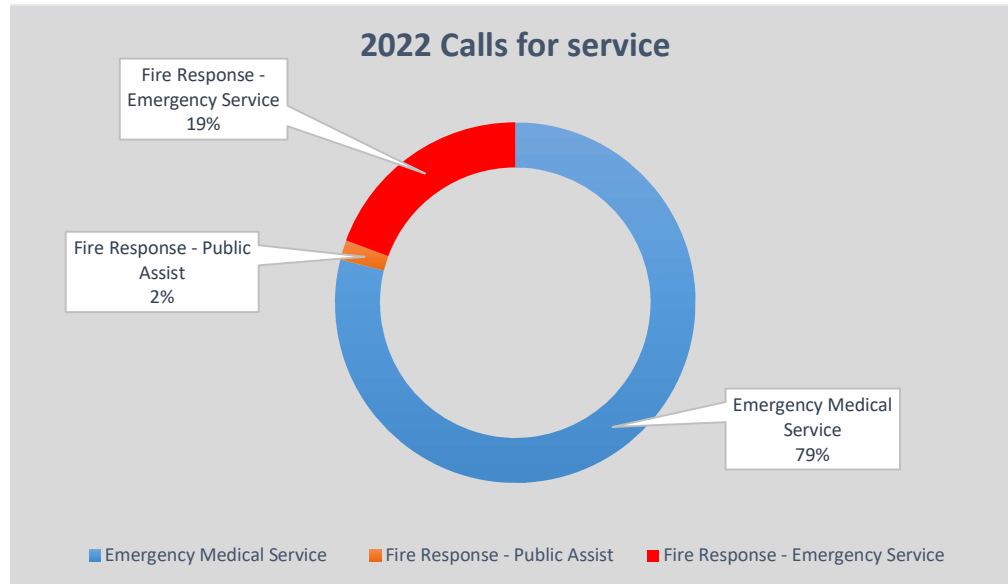
LAURA EARLEY
FIRE ADMINISTRATION ASSISTANT

ORGANIZATIONAL STRUCTURE



SOUTH JORDAN CITY FIRE DEPARTMENT

RESPONSE DATA



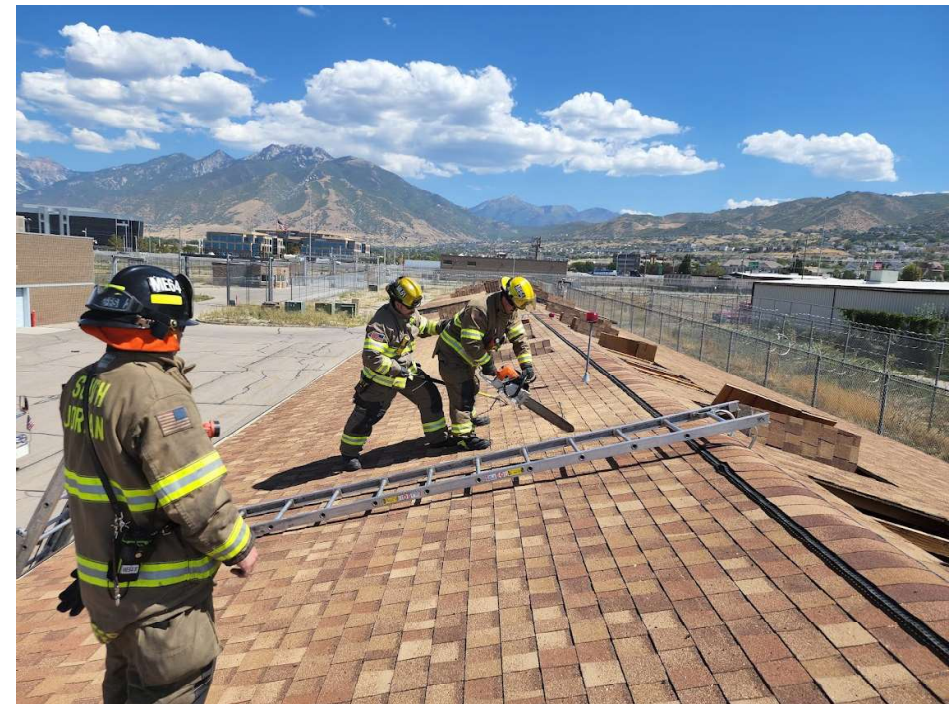
FIRE DEPARTMENT OPERATIONS

The continued growth within the South Jordan Fire Department is evident in the number of new personnel hired in 2022. This year's firefighter recruitment enabled us to add nine firefighters to our department. As one of the fastest growing communities in the Utah, the ongoing development across the city has resulted in an increased demand for emergency services.

One of the major milestones for the fire department in 2022 was the implementation of an annual mental health wellness initiative. The goal of this program is to break down the stigma of mental health concerns within the fire service and ensure that our firefighters have access to critical resources for themselves and their families.

South Jordan is also committed to providing various training opportunities for career development. This year the Department was fortunate to host several advanced FEMA Incident Command classes as well as several Hazmat training classes, which were delivered in collaboration with the Utah State Fire Marshal's Office. The goal is to provide a myriad of educational and training opportunities as the demands for service within the community continue to grow.

This year the fire department also initiated a wildland urban interface community education and wildfire mitigation campaign within the Bingham Creek area. Due to the significant fire danger in this area, the department will continue to employ mitigation efforts and community education as part of a long-term fire prevention strategy.



SOUTH JORDAN CITY
FIRE DEPARTMENT

2022 EMPLOYEE RECOGNITION

RETIREMENTS

CAPTAIN JOSH SELLERS- 21 YEARS OF SERVICE

PROMOTIONS

**CAPTAIN CORY CAMPBELL
CAPTAIN BRANDON SCHROEDER
FIREFIGHTER/PARAMEDIC NATE NEVAREZ**

NEW EMPLOYEES

**DAVID NELSEN
MARK ARNOLD
SETH DREW
EMMA WEATHERHEAD
MIKE ZUPAN
JAREN FRANCHINA
TIMOTHY FLEURY
EMILE MEDER
RACHEL PROVOZNIK**



EMERGENCY MANAGEMENT

South Jordan Emergency Management has transitioned from city's Administrative Services Department, to working in and alongside the Fire Department, under the general direction of Fire Chief. Emergency Management is a core public safety function that prepares, plans, mitigates, responds, and recovers from local emergencies and disasters. The transition to the Fire Department as provided support to the Emergency Manager (single staff department) with knowledge and understanding of the National Incident Management System (NIMS) and the Incident Command Structure (ICS), as the Fire Department operates this in daily standard practice.

Since the structure realignment, a new logo has been created and approved. A city vehicle has been acquired and marked with this new logo. Through the efforts of the city's Emergency Manager, Aaron Sainsbury, the City's Comprehensive Emergency Management Plan (CEMP) has been adopted and promulgated by the Mayor and City Council. A backup 2-way radio system for an emergency and/or disaster event has been re-established under the control of City Staff on City property. The primary Emergency Operations Center (EOC) has been identified and is being designed. In addition, training and exercises for City staff is encouraged, supported, and planned by the Emergency Manager.

Emergency Management will continue to support, and be a resource for, all stakeholders in the community. This includes but is not limited to: City Departments, residences, businesses, volunteers, municipalities, County, State, and Federal agencies.



AARON SAINSBURY
EMERGENCY MANAGER



SOUTH JORDAN CITY FIRE DEPARTMENT

TRAINING & CONTINUING EDUCATION

New Tractor Drawn Aerial (TDA) Training

In 2022 the South Jordan City Fire Department implemented a skills proficiency task book for the position of Tractor Drawn Aerial (TDA) Driver. This comprehensive task book was created to prepare the Department's personnel to safely and successfully operate the Department's newly purchased TDA (pictured on the front cover), which is sometimes also referred to as a Tiller. Through the months of January through March, select individuals underwent a train-the-trainer program that was comprised of classroom and practical instruction that focused on the distinctive driving characteristics and capabilities of this unique vehicle. This in-depth and challenging training prepared our in-house instructors to successfully deliver the training to qualified individuals within our Department. This training model has successfully prepared 17 individuals to safely and competently navigate this unique apparatus from the rear tiller seat as well as from the cab.

Rope Rescue/Confined Space Academy

In April 2022, members from the Department's Heavy Rescue Team put on an in-house Rope Rescue/Confined Space Technician class. The class was made up of twelve firefighters aspiring to become Heavy Rescue Technicians. Over a two-week period, the cadre of instructors conducted over 80 hours of classroom and practical instruction in the rope rescue and confined space disciplines, to include: anchor systems, mechanical advantage systems, knots, rope ascending/descending, raising/lowering scenarios, litter rescues, confined space air monitoring and mitigation, Incident Command for rescue events, machinery lock-out/tag-out procedures, tri-pod operations, confined space entry procedures, and providing medical care while in a confined space. At the end of this class the twelve students were able to successfully pass all State certification tests, qualifying them to operate as Technicians in the disciplines of Rope Rescue and Confined Space.



TRAINING & CONTINUING EDUCATION

SOUTH JORDAN FIRE DEPARTMENT

2022 TRAINING HOURS

11,920 HOURS

**3,613
HOURS**

FIRE TRAINING

**3,971
HOURS**

MEDICAL TRAINING

**1,581
HOURS**

APPARATUS DRIVER TRAINING

**1,680
HOURS**

NEW FIREFIGHTER TRAINING

**1,075
HOURS**

SPECIALTY TRAINING



SOUTH JORDAN CITY FIRE DEPARTMENT

PERSONNEL DEVELOPMENT

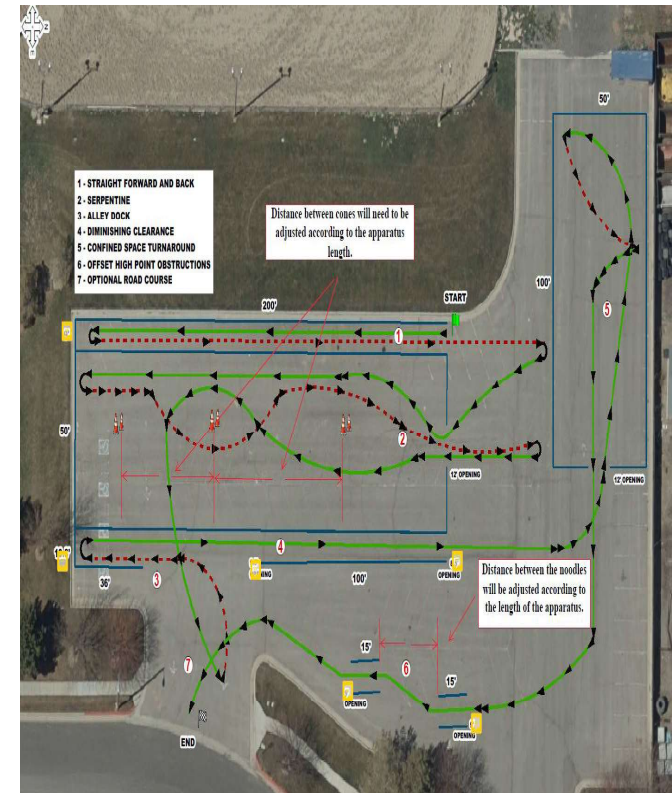
Driver Development: What it is, why we do it, and how many hours we spend on it.

Driving Fire Department vehicles demands a great deal of training, skill, and responsibility. These vehicles, which we refer to as “apparatus” are remarkably different from the average car on the road. The differences require our drivers to factor in the many unique attributes that surround our tractor drawn aerial, fire engines, heavy rescue, and ambulances as they operate these vehicles throughout our City.

First, fire apparatus are significantly larger. They are designed to carry water, hose, ladders, and a wide array of fire suppression and rescue equipment. Since they have a larger footprint on the road and require more space to make turns and maneuver through tight spaces, the requirement to pay close attention to one’s surroundings is imperative. The driver’s number one objective is safely navigating the apparatus through traffic and around obstacles, to bring the vehicle to its most effective placement on an emergency scene.

Second, apart from their size, fire apparatus are significantly heavier than most vehicles. With an onboard water tank and additional equipment, the driver must be cognizant of the fire apparatus’ weight, as it will dictate its safe operating speed, following distance, stopping distance, and overall maneuverability.

Third, fire apparatus require a great deal of training in order to operate them safely and effectively. The South Jordan Fire Department requires that all drivers successfully complete a state certification process as well as internal driver development programs, which are designed for the specific type of apparatus they will drive. The South Jordan Fire Department’s Advanced Driver Operator Pumper, Aerial, Tractor-Drawn Aerial, and Heavy Rescue task book programs all serve as valuable, qualifying processes that seek to ensure that any driver adopted to the field, is qualified and fit to drive the various fire apparatus that we have in our fleet.



All of our driver development programs place an experienced driver, serving as a mentor, with each driver candidate. Under the mentor’s direction, the candidate is required to demonstrate proficiency in as many as 25 specific skills across a number of modules, which cover driving competencies, apparatus placement, pump operations, and aerial ladder operations. The candidate must demonstrate competency in each skill, a minimum of three times. In addition, the candidate is evaluated on their driving abilities on public roads and while operating the apparatus in non-emergent conditions for ten 24-hour periods. If the candidate passes all of the skills and performs well on the road, while also receiving passing evaluations, they become eligible to participate in a final comprehensive skills test. Upon the successful completion of the final test, the candidate becomes eligible to drive the fire apparatus under emergent conditions with lights and sirens, on public roads. The candidate is closely evaluated once again, for an additional ten 24-hour periods. Once the candidate has demonstrated proficiency while driving under emergent conditions, they will have officially completed the program.

The South Jordan Fire Department takes the responsibility of driving and operating all of our emergency response apparatus very seriously. By the time a candidate has completed the base driver development task book and has been given authorization to drive to an emergency, they will have completed a minimum of 26-hours of additional, specialized training beyond the state’s minimum qualifications. Additionally, all personnel are required to maintain a minimum of 24 hours of ongoing driver training annually.

SOUTH JORDAN CITY FIRE DEPARTMENT

EMERGENCY MEDICAL SERVICES

South Jordan City Fire Department continues to remain active in preparing the citizens of South Jordan to help other people when they have emergencies. In 2022, the Fire Department taught:

- 5 - CPR classes,
- 13 - Health Care Provider classes,
- 1 - First Aid class,
- 8 - CPR/First Aid classes, with a total of 129 students taught.

The Department continues to provide EMS coverage for special events in the city. Department employees provided EMS coverage to 60 special events in the city, which included medical standby and water rescue standby services.

In 2022, the Fire Department responded to 368 patients that were having symptoms consistent with a heart problem or stroke. Of those patients, 16 were identified as having a STEMI (ST elevation myocardial infarction) heart attack and 20 were identified as having positive stroke symptoms. Because of the Fire Department's ability to provide advanced life support within the community, these patients received immediate life saving care. The South Jordan Fire Department's commitment to providing exceptional cardiac and stroke care was recognized by the American Heart Association with the Gold Mission Lifeline award.



SOUTH JORDAN CITY FIRE DEPARTMENT

EMERGENCY MEDICAL SERVICES

EMS and Critical Care Paramedicine

South Jordan Fire Department continually strives to be at the forefront of advanced emergency medical services provided to our residents. This year 17 South Jordan paramedics attended an intense four-day Critical Care Paramedic training class hosted at Station 64 by IAMED. This class prepares individuals to certify as National Critical Care Paramedics. As a result of this and other training, six South Jordan paramedics have attained their Critical Care certification. The other students who attended the class continue to prepare to take the exam. The IBSC Critical Care Paramedic certification is the same certification held by the paramedics that work for Life Flight, Airmed, and other air ambulance services. This training and certification process is vital to the Department's preparation as we continue work toward implementing a Critical Care Paramedic Program in South Jordan. This program is intended to provide the highest level of advanced life support treatment to the community.

South Jordan has four Hamilton T1 transport ventilators currently in service on Department ambulances, one of which was purchased with a generous community grant from Rio Tinto. These ventilators are also equipped with advanced heat and humidification devices. These innovative and advanced care ventilation systems provide our paramedics the ability offer advanced care to patients suffering airway and breathing emergencies. Fire Department personnel attend multiple training classes taught by hospital respiratory therapists to assure our staff remain properly trained and proficient in the safe operation of these devices. In addition to advanced treatment offered in the field, Department personnel are also equipped to transport higher acuity patients in need of advanced respiratory care as part of our Interfacility Transport Program.

South Jordan has also established training agreements with area hospitals that provide our paramedics the opportunity to continue to develop and practice vital lifesaving skills. These agreements allow our paramedics to shadow and learn from physicians, anesthesiologists, and nurses in the emergency departments, operating rooms, and Intensive Care Units of these hospitals. These agreements are important component in developing and maintaining the knowledge, skills, and abilities of all of our paramedics, as well as to develop competent and confident critical care paramedics for the community.



SOUTH JORDAN CITY FIRE DEPARTMENT

FIRE DEPARTMENT RESPONSE

Response times within South Jordan are continuously evaluated to ensure that we are providing our residents with the highest level of service. The colored zone's within each response district highlight the department's response time goal of five minutes or less within the city. These zones are averages based on existing roads and speed limits. Our average emergency response times continue to decrease with the addition of Station 64. As the city continue to develop west, the fire department remains committed to critically evaluate our response capabilities.

