

# SPECIAL OPERATIONS

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## Statement of Purpose and Services Provided

UFA Special Operations is comprised of the Hazmat Program, Heavy Rescue Program and specialized rescue teams that perform water rescue, ice rescue and backcountry rescue. These programs are strategically spread throughout UFAs response area and operate as crews in UFA fire stations. In addition to providing medical and fire response, these crews respond with advanced skills and abilities to manage highly-technical incidents. The personnel that contribute to these programs have committed thousands of hours to become subject matter experts in their respective disciplines.

UFA Hazmat stations 109, 124 and 126 operate with specialized equipment to detect and monitor hazardous materials. Hazmat personnel respond with specialized PPE and apparatus and are highly trained and equipped to mitigate leaks, spills, and provide response support to/with other responding UFA crews on fires or technical rescue incidents.

UFA Heavy Rescue stations 117 and 121 provide technical rescue capability to include rope rescue, confined space rescue, heavy machinery/vehicle extrication, structure collapse rescue and perform Rapid Intervention Team (RIT) functions on working fires and other complex incidents.

UFA specialized rescue teams perform water rescue from both static and dynamic water sources year round. Station 123 performs surface water and ice rescue work using specialized PPE and boats. Stations 108, 113, and 116 are all trained and equipped to perform swift water rescue and work closely with our other (police/mountain rescue/ski patrol) agency partners in response in backcountry rescue. Our heavy rescue programs also partner with other search and rescue agency partners to perform rescues in the backcountry.

Many of the personnel that are assigned to these programs are also members of Utah Task Force 1. As the Sponsoring Agency for UT-TF1, UFA realizes benefits to within these programs as much of the training and certification comes by way of the task force.

## Division Manager Budget Message

In 2018, UFA staffed a Special Operation Division Chief to oversee these programs. This position is directly responsible for the management of the administrative functions such as budgets, policy, certifications and records management as well as recruitment and process related to promotions and filling vacancies within the programs. To meet the training needs for these programs, the Special Operations Division Chief will typically collaborate and coordinate with UFA District Chiefs, Operations Battalion Chiefs and Captains, as necessary.

In support of Unified Fire Authority's Special Operations Division programs, the Special Operations budget captures the costs to purchase and maintain the technical equipment, personal protective garments and the necessary training to sustain the programs and the assigned personnel. All other aspects having operational significance with regard to Special Operations are captured within UFA Emergency Operations general budget.

FY19/20 is the first opportunity for UFA Special Operation budgets to be a stand-alone spend plan. Historically, the funding for these programs has been a subset of monies within the general Emergency Operations budget. With the appointment of a dedicated Special Operations Chief, this budget will be managed organically among and within the programs with a focus on the specific, current needs. Additionally, FY19/20 will be a starting point for Special Operations to develop and maintain a life-cycle plan and a capital expense plan that will more accurately identify, forecast and document future needs.

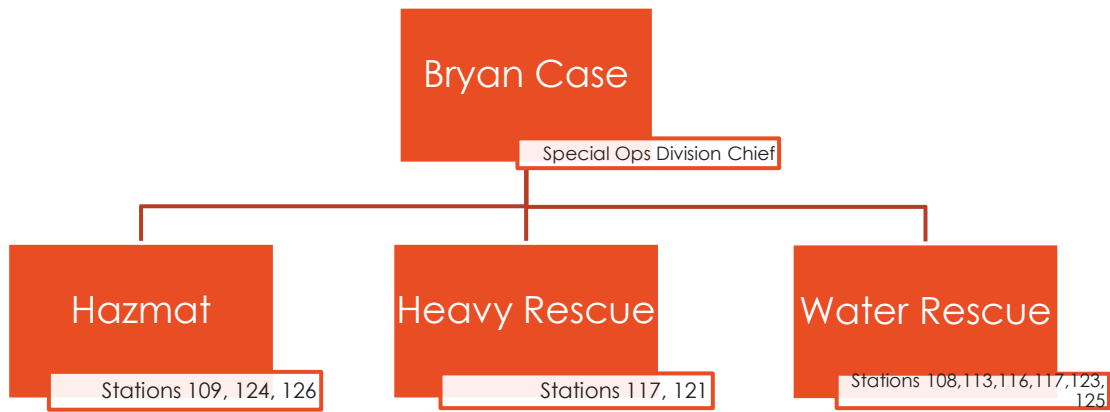
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These programs have are all unique and yet are complements and supplements to one another. In recognizing this, the Special Operations budget takes into consideration how these programs can reduce redundancies.

During the next several years, it will be necessary to place additional focus on updating the technology and specialized equipment within each of the programs. Much of this gear and PPE requires routine care/maintenance and in some cases, replacement due to updates to industry standards and/or evolving technologies. Remaining response-ready is greatly dependent on our ability to keep pace with these changes. We will continue to gauge our performance and abilities by supporting our personnel to attend industry leading trainings, networking with others in the industry and by training with other response agency partners, locally and abroad.

Within UFA Special Operations, we have many subject matter experts with a high degree of training and education that has come through thousands of hours of personal and professional development. We plan to leverage this base through the respective committees to continue best practices and further develop the Special Operations programs that we are proud to call our own.

## Organizational Structure



## Staffing

|            |               |                |
|------------|---------------|----------------|
| Sworn<br>0 | Civilian<br>0 | Part-Time<br>0 |
|------------|---------------|----------------|

None (personnel accounted for in Emergency Operations)

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## Performance Measures

- Establish effective leadership and continue to better define the responsibilities of the UFA Special Operations Division Chief to include oversight of the special operations functions of UFA and management of UT-TF1.
- Establish a standardized method of records maintenance to capture certifications and training records of/for the personnel assigned to UFA special operations programs.
- Establish a standardized annual training schedule for UFA special operations programs.
- Engage UFA Special Operations programs/teams/crews with other partnering agencies
- Maintain a separate, dedicated budget for Special Operations programs
- Complete promotional processes to promote personnel to the position of Technician within both the Heavy Rescue and Hazmat programs to maintain prescribed UFA staffing levels.
- Develop and actively maintain a life-cycle planning schedule for critical equipment within Special Operations programs
- Continue the practice of traveling select special operations personnel to alternate, supplemental training events outside the UFA jurisdiction and Utah in order to ensure that our personnel are keeping with industry standards.
- Bridging the capabilities and resources between UFA Special Operations stations/crews with that of Utah Task Force 1 to the mutual benefit of all programs.
- Incorporate life-cycle planning into Special Operations programs to ensure capital replacement and sustainment of critical equipment
- Sustain hazmat awareness and operations training throughout UFA by leveraging Special Operations programs to assist Fire Training in delivery of required training.

## FY18/19 Accomplishments

- Staffed the UFA Special Operations Division Chief position (September 2018)
- Operations decision to sustain Station 124 as a Hazmat response station
- Successful creation of a dedicated Special Operation budget
- Special Operations personnel and/or teams recognized for heroism: awarded with Unit Citation (2), Award of Merit, Award of Courage (2), Fire Officer of the Year
- Successful internal UFA Hazmat School trained nine new Hazmat Technicians
- Revival of the VTA rescue company training efforts

## FY19/20 Action Items

- Develop list of key initiatives and goals for UFA Special Operations Programs. (Outcome 1-G)
- Increase number of trained and certified Hazardous Materials Technicians by July 2019. (Outcome 4-B)
- Increase number of trained and certified Heavy Rescue Technicians by July 2019. (Outcome 4-B)
- Complete review/update/development of all pertinent UFA Hazmat response policies and operational protocols by December 2019. (Outcome 1-A)
- Complete review/update/development of all pertinent UFA Heavy Rescue response policies and operational protocols by December 2019. (Outcome 1-A)
- Complete review/update/development of all pertinent UFA water response policies and operational protocols by December 2019. (Outcome 1-A)
- Complete a full review of response technologies for the purposes of generating a life-cycle plan and purchasing plan for UFA Hazmat Program April 2019 (Performance Measure)
- Review and update task books for UFA Special Operations programs by December 2019 (Outcome 1-T)

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## Budget Detail

### Revenue

None

### Personnel

None (Personnel accounted for in Emergency Operations)

### Capital Outlay

None

### Non-Personnel Detail by Account

| Account          | Description   |       | Account Total   |
|------------------|---|-------|-----------------|
| <b>10-90-219</b> | <b>CLOTHING PROVISIONS</b>  |       | <b>\$6,000</b>  |
|                  | Safety clothing and PPE for Heavy Rescue: jump suits, rope gloves, helmets, cold-weather gear   | 2,500 |                 |
|                  | Safety clothing and PPE for Hazmat: butyl & nitrile gloves  | 3,000 |                 |
|                  | Safety clothing and PPE for Water: PFDs, boots, gloves  | 500   |                 |
| <b>10-90-250</b> | <b>EDUCATION, TRAINING &amp; CERTIFICATIONS</b>   |       | <b>\$14,000</b> |
|                  | Heavy Rescue: Specialized training to maintain program technical skill sets. Courses may be taught in-state by contractor or out-of-state for members to attend. Course subjects may include rope access, confined space, trench, machinery disentanglement, structure collapse, RIT, other technical | 4,500 |                 |
|                  | Hazmat: Specialized training to maintain program technical skill sets. Courses may be taught in-state by contractor or out-of-state for members to attend. Course subjects may include detection/monitoring, incident command, CBRN response, Tox-Medic, DrugIQ, other technical                      | 4,500 |                 |
|                  | Water: certification packets for water rescue/ice rescue/advanced water rescue  | 800   |                 |
|                  | Water: Advanced SWIFTWATER Rescue Technician packets  | 1,200 |                 |
|                  | Water: Rescue 3 Int'l instructor recertification (triennial for Jason Jones)  | 3,000 |                 |

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| Account          | Description  |        | Account Total   |
|------------------|--|--------|-----------------|
| <b>10-90-305</b> | <b>MAINTENANCE OF MACHINERY &amp; EQUIPMENT</b>  |        | <b>\$5,500</b>  |
|                  | Hazmat: calibration gases (including exotics) & annual licenses for Peak software(3)   | 3,500  |                 |
|                  | Heavy Rescue: Amkus Ultimate, Stanley power unit, Paratech, small engines, power tool batteries/service  | 1,500  |                 |
|                  | Heavy Rescue: 4-gas monitor maintenance *note: tool to be phased out in favor of joint response with UFA Hazmat companies  | 500    |                 |
| <b>10-90-350</b> | <b>PROFESSIONAL FEES</b>   |        | <b>\$9,500</b>  |
|                  | Water: Avalanche Forecast Center training for canyon station crews (annual refresher training)   | 1,000  |                 |
|                  | Water: Agency Instructor Trainer to develop additional UFA Water Rescue Instructors. Rescue 3 Int'l will be the certifying body  | 4,500  |                 |
|                  | Hazmat: Contractual monitor service/sensor replacement for those services that cannot be performed in-house  | 4,000  |                 |
| <b>10-90-410</b> | <b>SMALL EQUIPMENT &lt;\$5,000</b>   |        | <b>\$67,318</b> |
|                  | Heavy Rescue: Equipment to include rope hardware/software, headlamps, saw blades, respirator cartridges, miscellaneous tools/hardware, rigging/lifting chains, portable scene lighting                   | 31,438 |                 |
|                  | Hazmat: Equipment to include QRAE monitors, CMS chemical detection items, refrigerant leak detectors, dosimeters, RAID8 test kits, 20/20 biological test kits, A/B/C Chlorine leak gasket sets, oil sorb | 35,000 |                 |
|                  | Water: Equipment includes miscellaneous rescue hardware and equipment repair items, avalanche probes/beacons/shovels   | 880    |                 |

| SPECIAL OPERATIONS                           |     |             |             |             |             |             |                 |                 |                 |               |
|--|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|---------------|
|  |     |             |             |             |             |             |                 |                 |                 |               |
|  |     | ACTUAL      | ACTUAL      | ACTUAL      | BEGINNING   | FINAL       | PROPOSED        | TENTATIVE       | ADOPTED         | % INCREASE    |
|  | GL  | FY15-16     | FY16-17     | FY17-18     | FY18-19     | FY18-19     | FY19-20         | FY19-20         | FY19-20         | BEGINNING     |
|  |     | Spec Ops 90 | Spec Ops 90 | Spec Ops 90 | Spec Ops 90 | Spec Ops 90 | Spec Ops 90     | Spec Ops 90     | Spec Ops 90     | FY19 to FY20  |
|  |     |             |             |             |             |             |                 |                 |                 | BUDGET        |
| <b>NON PERSONNEL EXPENDITURES</b>            |     |             |             |             |             |             |                 |                 |                 |               |
| CLOTHING PROVISIONS                          | 219 | 0           | 0           | 0           | 0           | 0           | 6,000           | 6,000           | 6,000           | 100.0%        |
| EDUCATION & TRAINING & CERT                  | 250 | 0           | 0           | 0           | 0           | 0           | 14,000          | 14,000          | 14,000          | 100.0%        |
| MAINT. OF MACHINERY & EQUIP                  | 305 | 0           | 0           | 0           | 0           | 0           | 5,500           | 5,500           | 5,500           | 100.0%        |
| PROFESSIONAL FEES                            | 350 | 0           | 0           | 0           | 0           | 0           | 9,500           | 9,500           | 9,500           | 100.0%        |
| SMALL EQUIP. NONCAP                          | 410 | 0           | 0           | 0           | 0           | 0           | 67,318          | 67,318          | 67,318          | 100.0%        |
| <b>TOTAL NON PERSONNEL EXPENDITURES</b>      |     | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>102,318</b>  | <b>102,318</b>  | <b>102,318</b>  | <b>100.0%</b> |
| <b>TOTAL EXPENDITURES</b>                    |     | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>102,318</b>  | <b>102,318</b>  | <b>102,318</b>  | <b>100.0%</b> |
| <b>NET EFFECT ON UFA GENERAL FUND BUDGET</b> |     | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>-102,318</b> | <b>-102,318</b> | <b>-102,318</b> | <b>100.0%</b> |