

**INTERGOVERNMENTAL AGREEMENT TO
PROVIDE FIRE PROTECTION**

THIS INTERGOVERNMENTAL AGREEMENT (“Agreement”) is made and entered, effective as of June 1, 2015 (“**Effective Date**”), by and between the **CITY OF ENGLEWOOD**, a Colorado home rule municipality located in Arapahoe County, Colorado (“**Englewood**”) and the **CITY AND COUNTY OF DENVER**, a Colorado home rule municipality (“**Denver**”), either of which may be referred to in this Agreement as a “**Party**” and both may be referred to in this Agreement as “**Parties**”.

RECITALS:

WHEREAS, Englewood and Denver currently maintain and equip high quality fire departments, providing comprehensive fire suppression, fire prevention, review and inspection services, emergency medical services, emergency hazardous substances response services and other services incidental to the protection of person and property in their respective communities; and

WHEREAS, Englewood is bordered by Denver, and the fire departments for Englewood and Denver have a recent history of working in close harmony on matters of mutual concern, such as through the Mutual Aid Agreement providing for extraterritorial fire suppression aid; and

WHEREAS, Englewood and Denver could enjoy greater efficiencies and economies of scale, while preserving the high level of fire service each Party currently provides its citizens, if Denver assumed primary responsibility for provision of fire suppression and certain other fire-related services in Englewood, as set forth in this Agreement; and

WHEREAS, intergovernmental agreements to provide functions or services, including the sharing of costs of such services or functions, are specifically authorized by Section 29-1-203, C.R.S., and charters for the respective entities; and

WHEREAS, Englewood and Denver, through their respective City Councils and other officials, have determined that it is in the best interest of the public that each entity serves to enter into this Agreement by which Denver will provide fire suppression and certain other fire-related services in Englewood, subject to the terms, conditions and consideration set forth in this Agreement;

NOW, THEREFORE, in consideration of the foregoing recitals, and the mutual promises and covenants contained in this Agreement, Englewood and Denver agree as follows:

1. **PURPOSE**: The purpose of this Agreement is to set forth the responsibilities of Englewood and Denver with respect to the provision of fire suppression services and other fire-related services, including emergency medical services, as expressly provided for in this Agreement (collectively, the “**Fire Services**”), by the Denver Fire Department (“**Denver Fire**”) within the jurisdictional boundaries of the City of Englewood. Beyond the specified Fire Services, this Agreement describes, among other things, the Parties’ obligations with respect to E-911 communications, personnel, property, fire stations lease, and payment. This Agreement is not intended to establish, and does not establish, a separate governmental entity for the performance of any function. By entering this Agreement, Denver does not assume, and shall not be responsible for, any financial or other liabilities that may currently exist as of the Effective Date of this Agreement, whether known or unknown, with respect to Englewood’s Fire Department.

2. **TERM & TERMINATION**:

A. Term: This Agreement shall commence on the 1st day of June, 2015 (the “**Effective Date**”), and continue thereafter until the 31st day of December, 2035, unless earlier terminated as provided herein. The term of the Lease of the Fire Station Facilities, as provided in paragraph 10 below, shall be coterminous with the term of the Agreement. These two terms shall be jointly referred to in this Agreement as the “**Term**”.

B. Termination: In the event that a Party defaults or breaches, on its part, in the performance or fulfillment of one or more material term(s), promise(s), or condition(s) of this Agreement (“**Default**”) and shall fail to cure such Default within ninety (90) days following delivery of written notice from the other Party, in accordance with the notice paragraph of this Agreement, specifying the Default and the date on which the right to terminate the Agreement may be exercised if such Default is not cured within the ninety (90) day cure period. If the Default is not cured within ninety (90) days or some other resolution is not reached prior to the termination date stated in notice or a consensus for any extension date is not reached, as either the resolution or the extension date are mutually agreed to to by the Englewood City Manager and the Denver Fire Chief in a signed writing, then this Agreement shall terminate in accordance with the terms and conditions of this Agreement. If the Default is a failure of Englewood to

appropriate or make available funds or make a payment as prescribed in paragraph 11 below, the cure period shall be thirty (30) days from the date of written notice from Denver, unless the Denver Fire Chief agrees in writing to extend the deadline.

3. **FIRE SUPPRESSION:** Englewood and Denver agree that Denver will provide fire suppression services within the jurisdictional boundaries of the City of Englewood during the Term of this Agreement. The level of fire suppression service will be equivalent to that provided to Denver residents (“**Denver Service Level**”) and shall be substantially consistent with the “**Chief’s Action Plan**,” attached hereto and incorporated herein as **Exhibit A-1** and the “**Travel Response Standard**,” subject to the assumptions and variables set forth therein, attached hereto and incorporated herein as **Exhibit A-2**. In accordance with Denver’s collective bargaining agreement, Denver will staff each fire vehicle with four (4) firefighters at the Fire Station Facilities identified in paragraph 10 below. The Chief’s Action Plan may be amended from time to time, in the sole discretion of the Denver Fire Chief, so long as the Denver Service Level is maintained. A copy of any amended Chief’s Action Plan will be sent to the Englewood City Manager in accordance with the notice paragraph of this Agreement.

4. **FIRE PREVENTION:**

4.1 Fire Prevention Services: Englewood reserves and will remain responsible for fire prevention services within the jurisdictional boundaries of the City of Englewood, including without limitation the enforcement of Englewood’s Building and Fire Codes, periodic fire safety inspections, and issuance of building permits and certificates of occupancy. Recognizing the importance of Denver Fire being acquainted with structures in Englewood as well as fire prevention measures that would protect the lives of Denver firefighters, Englewood, through its Fire Marshal, agrees to cooperate and coordinate with Denver Fire with respect to fire prevention activities, and Denver Fire will be notified and afforded the opportunity to participate in fire prevention activities, as described in **Exhibit B** attached hereto and incorporated herein.

4.2 Applicable Codes: Englewood and Denver agree that the international fire and building codes for Englewood and Denver should be compatible. Englewood agrees within one (1) year of the Effective Date of this Agreement to adopt the 2015 International Building and Fire Codes and to adopt any subsequent versions of the building and fire codes within six (6) months of Denver’s adoption of said subsequent versions of said codes. Englewood agrees not to

adopt any laws or amendments to said codes that conflict with or are materially inconsistent with the applicable uniform building and fire codes without obtaining the prior, written approval of the Denver Fire Chief (which approval will not be unreasonably withheld). Denver has adopted amendments to the 2015 International Fire Code which will not be effective in Englewood unless the same or similar amendments are enacted by Englewood. Englewood shall provide Denver with copies of the adoption ordinances, if and when so enacted, in accordance with the notice paragraph of this Agreement.

4.3 Standpipe Valve Threading: Denver will provide and maintain, at its own expense, adapters on Denver's fire trucks for making threading connections to hydrants and building standpipes within Englewood.

5. **EMERGENCY MEDICAL SERVICES**: Denver shall arrange, by separate contract or by other means, for emergency medical services to be provided within the jurisdictional boundaries of Englewood, with Swedish Hospital being the primary hospital. The level of emergency medical services will be equivalent to that provided to Denver residents. During the Term of this Agreement, two ambulances with two paramedics for each ambulance will be based at the Fire Station Facilities identified in paragraph 10 below ("**Englewood-Based Emergency Medical Services**"). To the extent that additional emergency medical services are needed in Englewood beyond the Englewood-Based Medical Services, Denver shall arrange for that emergency medical service to be provided. If Denver should consider changing the provider(s) of the emergency medical services, Englewood will be consulted prior to any change.

6. **ENGLEWOOD POLICE DEPARTMENT**:

6.1 Arson and Fire Investigations: During the Term of this Agreement, Denver shall perform all "cause and origin" fire investigations in Englewood, consistent with its investigative practices and procedures within the City and County of Denver. Denver Fire will work in conjunction with the Englewood Police Department ("**Englewood Police**") on all fire and arson investigations which involve or result from the commission of a criminal act in Englewood. Englewood Police will assist Denver Fire in the conduct of such investigations; will be responsible for all criminal processes resulting from Denver Fire investigations with the District Attorney for Arapahoe County and the 18th Judicial District; and will coordinate such Denver Fire investigations, to the extent appropriate, with the Department of Human Services and the juvenile court system.

6.2 Other Support: Subject to available resources and personnel and consistent with the policies and practices of Denver Fire, Denver Fire will coordinate with Englewood Police to provide the following assistance:

- Traffic control at accidents scenes to which Denver Fire has been dispatched;
- Use of a ladder truck to provide roof access and aerial crime scene photographs;
- Ambulance service to perform blood draws at an Englewood Police station; and
- Establishment of a protocol in regard to Active Shooter scenarios.

6.3 Communications: Englewood Police and Denver Fire will cooperate in establishing a means of radio and other communication between the two departments.

7. **EMERGENCY NOTIFICATION AND DISPATCH SERVICES:** Englewood will provide for dispatch services for all emergency 9-1-1 (“**E-911**”) calls. E-911 calls for fire and emergency medical-related matters will be immediately transferred to Denver’s 911 Emergency Communication Center by Englewood’s Dispatch through a “Tandem Transfer” of the Automatic Number Identification and Automatic Location Identification (“**ANI/ALI**”) received by Englewood’s Dispatch. Englewood will operate through its E-911 Authority Board’s Master Street Address Guide administrator to ensure that the correct agencies will be referenced on the ANI/ALI display. Englewood, in conjunction with its E-911 service providers, will make any changes to its communication system necessary to expedite the transfer of E-911 information to Denver Fire dispatchers, thereby minimizing any delay to its citizens. Englewood Class 1 properties shall be monitored by licensed central station agencies that are licensed by Denver Fire and comply with all required code criteria.

8. **ENGLEWOOD FIRE PERSONNEL:**

8.1 Lateral Appointment: Englewood Fire Department (“**Englewood Fire**”) personnel (other than the Englewood Fire Marshal), who (i) obtain a Certificate of Good Standing from the Englewood City Manager, and (ii) accept offers tendered by Denver’s Executive Director of Safety in accordance with the Denver City Charter and the terms of this Agreement, shall become personnel of Denver Fire and shall operate under the direction and control of Denver Fire. Such personnel shall receive lateral appointment to Denver Fire at their current rank, but not higher than the rank of Firefighter 1st Grade, and will be paid at the applicable base salary and benefits as defined by the Denver Firefighter Union Local 858 collective bargaining agreement. By “current rank,” it is meant that rank within Denver Fire most

closely matching the personnel's current salary with Englewood Fire, but in no case higher than the rank of Firefighter 1st Grade. Any personnel whose rank is set at Firefighter 4th Grade will have to complete three (3) months of assigned time in operations before they will be considered as having graduated from the Fire Academy. All lateral appointments are subject to a nine (9) month probationary period. Following lateral appointment and satisfactory completion of the probationary period, laterally appointed personnel shall only be eligible to test for promotion after forty-eight (48) months of service at Denver Fire, and after meeting all requirements applicable to each candidate for the promotional process in question. For purposes of seniority within Denver Fire, the date of lateral appointment to Denver Fire will be determinative. As among Englewood Fire personnel who become Denver firefighters pursuant hereto, the date of appointment to the Englewood Fire shall be determinative.

8.2 Limitations: This Agreement is not intended to, and shall not be construed to, alter or amend any collective bargaining agreement now in effect. In addition, Denver shall have no responsibility or financial liability for and will not administer any differential pay or severance obligations Englewood may have for Englewood Fire personnel and shall have no responsibility or financial liability for any obligations Englewood may have to said Englewood Fire personnel based on their service to and employment by Englewood, including but not limited to payouts, leave, benefits, overtime, compensatory time, disability, merit pay, bonuses, pensions and litigation claims.

9. **ROLLING STOCK; FURNITURE, FIXTURES & EQUIPMENT;**
APPARATUS:

9.1 Rolling Stock: Englewood hereby grants and conveys to Denver all of its right, title and interest, free of any encumbrances, in the rolling stock currently owned by Englewood as listed below:

6353 2009 Chevrolet Cut Away CC4V042
6354 2012 Dodge Ambulance
6488 2000 American La France Pumper
6493 2002 American La France Pumper
6490 2001 American La France Squirt
6494 2003 Freightliner M2106
6499 2005 Freightliner M2 Hazmat
6503 2008 Chevrolet Silverado 2500
6504 2009 Bauer TCOM-25 Trailer/Compressor

The following rolling stock shall be retained, stored and properly maintained by Englewood until such time as the Lease-Purchase obligation for this rolling stock is paid off, but no later than April 29, 2016, whereupon Englewood shall grant and convey to Denver all of its right, title and interest, free of encumbrances, in the following rolling stock:

- 6501 2007 Crimson Pumper
- 6502 2007 Crimson Heavy Rescue Pumper

(“**Crimson Fire Vehicles**”). The Crimson Fire Vehicles shall be delivered to Denver Fire on the date of conveyance.

9.2 Furniture, Fixtures & Equipment: Englewood hereby grants and conveys to Denver all of its right, title and interest, free of encumbrances, in the furniture, fixtures and equipment listed in **Exhibit C** attached hereto and incorporated herein by reference.

9.3 Conveyance & Ownership: Englewood shall deliver to the Denver Fire Chief within thirty (30) days following the Effective Date of this Agreement (except for the two Crimson Fire Vehicles listed above which will be delivered by April 29, 2016): (a) duly executed bill(s) of sale conveying unencumbered title to all rights in the above-listed rolling stock and the furniture, fixtures and equipment listed in **Exhibit C**; and (b) with respect to vehicles, duly endorsed certificates of title transferring unencumbered vehicular title to Denver. Any other Englewood rolling stock and furniture, fixtures and equipment not specifically listed above or in **Exhibit C** shall remain the property of and in the possession and control of Englewood and shall be removed from the Fire Station Facilities identified in paragraph 10 below unless the Denver Fire Chief agrees that they may remain for use by Denver Fire. All rolling stock and furniture, fixtures and equipment provided by or subsequently acquired by Denver for the purposes of performing Denver’s obligations under this Agreement shall be and remain the property of and in the possession and control of Denver.

9.4 Apparatus: Denver Fire reserves the right to provide rolling stock and fire equipment different from those listed above and in **Exhibit C** at the Fire Station Facilities identified in paragraph 10 below. Initially, Denver Fire will establish 1 Engine Apparatus at the Jefferson Fire Station (555 West Jefferson Avenue) and 1 Quint Apparatus at the Acoma Fire Station (4830 South Acoma Street). During the Term of this Agreement, Denver Fire shall have the right to replace such Apparatus at the Fire Station Facilities so long as the Denver Service Level is maintained as provided in paragraph 3 above.

10. **FIRE STATION FACILITIES:**

10.1 Lease: Englewood shall lease to Denver during the Term of this Agreement the two existing fire stations located at 4830 South Acoma Street and 555 West Jefferson Avenue (jointly, the “**Lease**”). The Lease shall be applicable to the entirety of the facilities as such are depicted on **Exhibit D** attached hereto and incorporated herein (the “**Leased Premises**”) and include driveways and dedicated parking lots on the site of the Leased Premises.

10.2 Consideration: This Lease shall be at no cost to Denver and is part of the consideration, in addition to the payments by Englewood specified in paragraph 11 below, for Denver’s provision of Fire Services under this Agreement.

10.3 Uses: The uses of the Leased Premises by Denver shall be as fire stations and administrative offices for Denver Fire and for such other purposes appropriate for the performance of Fire Services under this Agreement.

10.4 Utilities: Englewood shall furnish or cause to be furnished water, sewer, electricity and gas (the “**Utilities**”) sufficient to meet Denver’s needs at the Leased Premises. Utilities for the Leased Premises will be billed to and paid by Englewood.

10.5 Repairs and Maintenance; Cleaning and Tenant Finish: Englewood shall be responsible for assuring that the Leased Premises are structurally sound and fully functional for the purposes and the performance of this Agreement, including the safe and comfortable use of the Leased Premises by Denver firefighters. Englewood shall make, when needed and as reasonably requested by Denver, and pay for 100% of all replacements, repairs, maintenance and other services for the structural, mechanical, plumbing, electrical and utility systems for the Leased Premises, as well as parking areas and sidewalks on the Leased Premises. Denver shall arrange and pay for cleaning and custodial services on the Leased Premises and any future internal tenant finish changes at the Leased Premises which Denver determines are needed for the operation and use of the Leased Premises by Denver Fire and which Englewood approves (which approval will not be unreasonably withheld).

10.6 Lawn Care & Snow Removal. Englewood shall provide Denver Fire with the equipment and tools so that Denver Fire can mow and trim the lawns in the immediate vicinity of the Leased Premises and can remove snow from the driveways and sidewalks serving the Leased Premises (but not the parking lots which Englewood will plow when needed).

10.7 Access & Security. Englewood and its authorized agents, employees, and

contractors may enter the Leased Premises at reasonable hours and following reasonable notice to inspect the Leased Premises and to provide such structural, mechanical, plumbing, electrical and utility systems services for the Leased Premises as specified in sub-paragraph 10.5; however, all work will be done as promptly as reasonably possible and so as to cause as little interference to Denver as reasonably possible. Notwithstanding the above, Englewood may enter the Leased Premises at any time in response to an emergency at the Leased Premises. Englewood is entitled to keys or pass cards with which to unlock all of the doors in the Leased Premises (excluding Denver's vaults, safes, and similar secured areas). During the time of entry by Englewood on the Leased Premises, Englewood shall be responsible for providing for the security of the Leased Premises and the personal property of Denver and its firefighters against unlawful entry by third parties and against unlawful activities by third parties on the Leased Premises.

10.8 Quiet Enjoyment. So long as the Lease remains in effect, Denver's possession and use of the Leased Premises will not be disturbed by Englewood or anyone claiming on behalf of or through Englewood except as expressly provided in this Lease.

10.9 Expiration or Termination: This Lease shall remain in effect only as long as the Agreement is in effect. Upon expiration or termination of the Agreement, as provided in this Agreement, Denver shall remove all equipment, rolling stock, and other personal property it owns within fifteen (15) days of said expiration or termination and shall vacate the Leased Premises.

10.10 Minor Modifications: Englewood, by and through its City Manager, and Denver, by and through its Fire Chief, may agree upon minor modifications to this Lease, and to reduce said modifications to signed writings, provided said modifications (i) are acceptable in form to each Party's city attorney, (ii) do not lengthen the Term, and (iii) impose no additional financial obligation or other liability upon either Party.

11. **PAYMENTS BY ENGLEWOOD:** During the Term of this Agreement, Englewood shall annually appropriate and make available funds sufficient to make payments to Denver as prescribed in this paragraph 11 and shall pay Denver each month, by the 10th day of the month, the monthly amounts based on their corresponding year, as specified in **Exhibit E** attached hereto and incorporated herein. The total amount to be paid each year of the Term of this Agreement shall increase by two percent (2%) for 2016 and annually thereafter by three percent (3%). If payment is not received by the tenth day of the month, interest shall accrue on

the unpaid portion at a rate of 12% per annum.

12. **JOINT ADVISORY BOARD/DISPUTE RESOLUTION**: The Parties shall establish a joint advisory board for the purpose of serving as an advisor and liaison to Englewood and Denver. The joint advisory board shall consist of four members. Two of the members shall be appointed by Englewood and two of the members shall be appointed by Denver. The joint advisory board shall create an environment that encourages cooperation between Englewood and Denver in providing fire services and shall provide input and recommendations on policies and procedures to Englewood and Denver. In addition, the members shall act as a liaison to their respective city administrations and governing bodies. The joint advisory board shall meet on such occasions as the Englewood City Manager and the Denver Fire Chief mutually agree. Neither Englewood nor Denver may initiate litigation regarding any dispute arising under this Agreement without first attempting to resolve the dispute by referring it to the joint advisory board.

13. **MUTUAL AID AGREEMENTS**: Denver and Englewood are both parties, along with a variety of municipalities and fire districts in and near the Denver Metropolitan area, to an Intergovernmental Agreement for Mutual Aid between Fire Departments executed by Denver on October 10, 2003 (Denver Contract Control # XC-2Y092) (“**Mutual Aid Agreement**”). Denver will continue to act in keeping with the Mutual Aid Agreement and any future amendment to the Mutual Aid Agreement or replacement mutual aid agreement executed by Denver.

14. **OTHER**:

14.1 Public Relations: Englewood Fire has a long tradition of servicing the community through various public relations activities. Denver Fire wishes to acknowledge and will participate in such traditions as Funfest, the 4th of July, filling the boot of MDA, the holiday parade, and similar activities.

14.2 Fuel: Denver Fire may purchase fuel at the Englewood Service Center for the cost of fuel (non-taxed) plus .25 cents per gallon. If Denver Fire uses said fuel, Englewood will invoice and bill Denver Fire for the purchased fuel.

14.3 Coordination; Reports. Coordination and administration of this Agreement shall be conducted by and between the Denver Fire Chief and the Englewood City Manager. Denver Fire shall provide the Englewood City Manager with quarterly written reports addressing performance under this Agreement. Denver Fire agrees to be available, along with a

representative of the emergency medical services provider, to meet with the Englewood City Manager.

15. **GENERAL PROVISIONS (Applicable to Agreement and Lease):**

15.1 Reasonable Efforts; Good Faith: The Parties agree to work diligently together and in good faith, using reasonable efforts to resolve any unforeseen issues and disputes and to expeditiously take such actions as are necessary and appropriate to perform the duties and obligations of this Agreement.

15.2 Fair Dealing: In all cases where the consent or approval of one Party is required before the other may act, or where the agreement or cooperation of the Parties is separately or mutually required as a legal or practical matter, then in that event the Parties agree that each will act in a fair and reasonable manner with a view to carrying out the intents and goals of this Agreement as the same are set forth herein, subject to the terms and conditions hereof; provided, however, that, except as expressly provided in this Agreement, nothing in this Agreement shall be construed as imposing on either Party any greater duty or obligation to the other Party or a third party other than that which already exists as a matter of Colorado law, including but not limited to any fiduciary duty or other responsibility greater than that of reasonable parties contracting at arm's length.

15.3 Financial Interests: Except for financial interests expressly authorized by both of the Parties in accordance with their respective city charters and laws, any financial interests created in, or used to secure financing and payment for the costs of, any work performed or improvements made under this Agreement, including but not limited to any bonds, certificates of participation, purchase agreements, and Uniform Commercial Code filings, shall expressly exclude from such debt or financial security contained in such financial instrument(s) any title, rights and interests held by the other Party in any property under this Agreement. The terms and conditions of this Agreement must be expressly recognized in any such financial instrument(s) created or entered by or on behalf of one Party, which must specifically acknowledge and affirm that any financial interests created by the financial instrument(s) are subordinate to this Agreement and may not encumber the other Party's title, rights and interests in property.

15.4 Appropriations: Notwithstanding any provision of this Agreement to the contrary, the rights and obligations under this Agreement are contingent upon all funds necessary

for work or expenditures contemplated under this Agreement being budgeted, appropriated and otherwise made available by Denver and Englewood. Nevertheless, failure by Englewood to appropriate or otherwise make available the funds necessary to perform its financial obligations under paragraph 11 of this Agreement may be grounds for termination of the Agreement as provided in sub-paragraph 2.B of this Agreement. The Parties acknowledge that this Agreement is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of Denver and Englewood, except to the extent that capital improvement funds that are lawfully appropriated can be lawfully carried over to subsequent years.

15.5 Non-waiver: No Party shall be excused from complying with any provision of this Agreement by the failure of the other Party to insist upon or to seek compliance. No assent, expressed or implied, to any failure by a Party to comply with a provision of this Agreement shall be deemed or taken to be a waiver of any other failure to comply by said Party.

15.6 Independence: Each Party to this Agreement shall be an independent entity, and no Party or such Party's agents, officers and employees shall be deemed to be an agent of the other Party.

15.7 Contracting or Subcontracting: Any work that is allowed to be contracted or subcontracted under this Agreement shall be subject, by the terms of the contract or subcontract, to every provision of this Agreement. Compliance with this provision shall be the responsibility of the Party who arranged the contract or authorized the subcontract. Except as otherwise expressly stated in this Agreement, no Party shall be liable or have a financial obligation to or for any contractor, subcontractor, supplier, or other person or entity with which the other Party contracts or has a contractual arrangement.

15.8 No Discrimination In Employment: In connection with the performance of this Agreement, the Parties agree not to refuse to hire, discharge, promote or demote, or to discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, marital status, or physical or mental disability; and the Parties further agree to insert the foregoing provision in all approved contracts and subcontracts hereunder.

15.9 Conflict of Interest: Englewood agrees that no official, officer or employee of Denver shall have any personal or beneficial interest whatsoever in the services or property described herein, and Englewood further agrees not to hire or contract for services any

official, officer or employee of Denver or any other person which would be in violation of the Denver Revised Municipal Code Chapter 2, Article IV, Code of Ethics, or Denver City Charter provisions 1.2.9 and 1.2.12.

15.10 Law; Authority; Enforcement; and Claims:

A) **Applicable Law:** The Parties agree to comply with all Applicable Law in existence as of the Effective Date of this Agreement or as may be subsequently enacted or adopted and become applicable. The phrase “**Applicable Law**” shall mean all federal, state, and local laws applicable in the context of the specific matter addressed in this Agreement, including but not limited to: 1) the constitutions, laws, and rules and regulations of the United States of America and the State of Colorado; 2) the Denver City Charter, the Denver Revised Municipal Code (“**DRMC**”), Executive Orders, and applicable rules and regulations; 3) the Englewood City Charter, Englewood’s municipal code, and applicable rules and regulations; 4) any court order, judgment, or decree or any appellate decision applicable to this Agreement; and 5) any federal, state, or local administrative decision or order applicable to this Agreement.

B) **Governing Law; Venue:** This Agreement shall be construed and enforced in accordance with the laws of the United States, the State of Colorado, the applicable provisions of the Denver City Charter and Revised Municipal Code of Denver, and the applicable provisions of the Englewood City Charter and municipal code. Venue for any legal action relating to this Agreement shall lie either in the District Court in and for Denver and County of Denver or the District Court for Arapahoe County, as the Party bringing the legal action may choose.

C) **Exercise of Authority:** Neither Denver nor Englewood shall enact or adopt any ordinance, resolution, rule, regulation, policy or standard which would directly and substantially interfere with or diminish the obligations and rights under this Agreement or result in effectively nullifying this Agreement, in whole or part. Nothing in this paragraph shall limit the powers and authority of Denver and Englewood in adopting any ordinance, resolution, rule, regulation, policy or standard of broad and general applicability or otherwise exercising its lawful regulatory or taxing powers and authority. To the extent that it is within its legislative or executive authority under its city charter, Englewood shall waive, or compensate Denver for, any Englewood taxes, assessments, fees, charges, or costs otherwise applicable to Denver’s property, purchases, uses, or activities directly related to the performance of this Agreement.

D) Enforcement: The Parties agree that this Agreement may be enforced in law or in equity for specific performance, injunctive, or other appropriate relief, including actual damages and recovery of unpaid payments, including interest, required under this Agreement (notwithstanding termination of the Agreement), as may be available according to the laws and statutes of the State of Colorado; provided, however, the Parties agree to and hereby release any claims for incidental, indirect, special, consequential, or punitive damages; provided, further, no provision of this Agreement nor the laws of one Party may be enforced by the creation or recording of any type of lien against real property owned by the other Party, nor may any foreclosure process be utilized to recover any moneys owed by one Party to the other Party. It is specifically understood that, by executing this Agreement, each Party commits itself to perform pursuant to these terms and conditions contained in this Agreement, and that any failure to comply which results in any recoverable damages shall not cause, by itself, the termination of any rights or obligations under this Agreement.

E) Claims: In the event that any claim, demand, suit, or action is made or brought in writing by any person or entity against one of the Parties related in any way to this Agreement, the Party in receipt of same shall promptly notify and provide a copy of said claim, demand, suit, or action to the other Party. The Parties shall cooperate in defending against the claim, demand, suit or action to the extent such common defense is consistent with each Party's rights and obligations under, and the terms and conditions of, this Agreement.

15.11 Liability:

1) To the extent authorized by law and except as otherwise provided in this Agreement, Englewood shall be responsible for any and all claims, damages, liability and court awards, including costs, expenses and attorney fees, incurred as a result of any action or omission of Englewood or its officers, employees, and agents in connection with the subject matter of this Agreement.

2) To the extent authorized by law and except as otherwise provided in this Agreement, Denver shall be responsible for any and all claims, damages, liability and court awards, including costs, expenses, and attorney fees, incurred as a result of any act or omission by Denver, or its officers, employees, and agents in connection with the subject matter of this Agreement.

3) Each Party waives all claims and causes of action against the other Party for compensation, damages, personal injury or death which may result or occur as a consequence, direct or indirect, of the performance of this Agreement. Englewood and Denver are each responsible for their own negligence and that of their agents, officials and employees to the extent provided in the Governmental Immunity Act, C.R.S. §24-10-101, *et seq.*

4) Nothing in this paragraph 15.11 or any other provision of this Agreement shall be construed as a waiver of the notice requirements, defenses, immunities and limitations the Parties may have under the Colorado Governmental Immunity Act, C.R.S. §24-10-101, *et seq.*, or to any other defenses, immunities, or limitations of liability available to Denver and Englewood against third parties by law.

5) No official, officer, director, agent, or employee of either Party shall be charged personally or held contractually liable to the other Party or its officials, officers, directors, agents, or employees under any term or condition of this Agreement or for any breach, default, or violation under this Agreement.

15.12 *Force Majeure*: Neither Party shall be liable for delay or failure to perform hereunder, despite best efforts to perform, if such delay or failure is the result of *force majeure*, and any time limit expressed in this Agreement shall be extended for the period of any delay resulting from any *force majeure*. Timely notices of the occurrence and the end of such delay shall be provided by the Party asserting *force majeure* to the other Party. “*Force majeure*” shall mean causes beyond the reasonable control of a Party such as, but not limited to, adverse weather conditions, acts of God or the public enemy, strikes, work stoppages, unavailability of or delay in receiving labor or materials, faults by contractors, subcontractors, utility companies or third parties, fire or other casualty, or action of government authorities other than the Parties.

15.13 *Further Assurances*: From time to time, upon the request of a Party, the other Party agrees to make, execute and deliver or cause to be made, executed and delivered to the requesting Party any and all further instruments, certificates and documents consistent with the provisions of this Agreement as may, in the reasonable opinion of the requesting Party, be necessary or desirable in order to effectuate, complete or perfect the rights of said Party under this Agreement, provided said requesting Party is currently in full compliance with the provisions of this Agreement and has tendered or offered to tender any reciprocal instruments, certificates and documents to which the other Party is entitled under the Agreement.

15.14 Examination of Records/Audit: During the term of this Agreement and for a period of at least three (3) years after the expiration or termination of this Agreement, any duly authorized representative of either Party, including the Denver Auditor or designee, shall have access to and the right to examine any directly pertinent books, documents, papers, and records of the other Party involving any matter related to this Agreement. Any Party shall be entitled to review and audit the performance of this Agreement at that Party's sole expense.

15.15 Notice: All notices, demands or consents required or permitted under this Agreement shall be in writing and delivered personally or by overnight courier with written confirmation or sent by certified mail, return receipt requested, to the following:

To Englewood: City of Englewood
1000 Englewood Parkway
Englewood, Colorado 80110
Attention: City Manager

Copy to: City Attorney
City of Englewood
1000 Englewood Parkway
Englewood, Colorado 80110

To Denver: Mayor
City and County of Denver
1437 Bannock Street, Room 350
Denver, Colorado 80202

Copies to: Chief
Denver Fire Department
City and County of Denver
745 West Colfax Avenue
Denver, Colorado 80204

City Attorney
City and County of Denver
1437 Bannock Street, Room 353
Denver, Colorado 80202

The persons or addresses set forth above may be changed at any time by written notice in the manner provided herein.

15.16 No Third Party Beneficiaries: Enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the Parties; and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person under this Agreement. Any person or entity other than the Parties receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.

15.17 Entire Agreement: This Agreement, including the exhibits which are hereby incorporated into this Agreement by reference, constitutes the entire agreement of the Parties. The Parties agree there have been no representations, oral or written, other than those contained herein and that the various promises and covenants contained herein are mutually agreed upon and are in consideration for one another.

15.18 Amendment: Except as otherwise expressly provided in this Agreement, this Agreement may be amended, modified, or changed, in whole or in part, only by written agreement executed by the Parties in the same manner as this Agreement.

15.19 No Assignment: No Party shall assign its rights or delegate its duties hereunder, with the exception of contracting and subcontracting as provided in this Agreement, without the prior written consent of the other Party.

15.20 Severability: If any term or provision of this Agreement is held by a court of law (following all legal rights of appeal or the expiration of time therefore) to be illegal or unenforceable or in conflict with any law of the State of Colorado or the United States or either Party's city charter or law, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the Parties shall be construed and enforced as if the Agreement did not contain the particular term or provision held to be invalid; provided, however, if the invalidated term or provision was a critical or material consideration of either Party in entering this Agreement, the Parties shall work together, in good faith, to come up with an amendment to this Agreement that substantially satisfies the previously intended consideration while being in compliance with Applicable Law and the judgment of the court. This Agreement may be terminated, upon written notice of the adversely affected Party, if the Parties are unable to agree to an amendment to this Agreement that substantially resolves the judicially invalidated critical or material consideration.

15.21 Headings for Convenience: Headings and titles contained herein are intended for the convenience and reference of the Parties only and are not intended to combine, limit, or describe the scope or intent of any provision of this Agreement.

15.22 Authority: Each Party represents and warrants that it has taken all actions that are necessary or that are required by its applicable law to legally authorize the undersigned signatories to execute this Agreement on behalf of the Party and to bind the Party to its terms. The person(s) executing this Agreement on behalf of each Party warrants that he/she/they have full authorization to execute this Agreement. A Party shall have the right, in its discretion, to either temporarily suspend or permanently terminate the Agreement if there is any valid dispute as to the legal authority of the other Party or the person signing this Agreement on behalf of the other Party to enter into this Agreement.

15.23 Execution of Agreement: This Agreement shall not become effective or binding until it has been approved by the governing bodies of each Party and fully executed by all required signatories of each Party.

15.24 Electronic Signatures and Electronic Records: Englewood consents to the use of electronic signatures by Denver. The Agreement, and any other documents requiring a signature hereunder, may be signed electronically by Denver in the manner specified by Denver. The Parties agree not to deny the legal effect or enforceability of the Agreement solely because it is in electronic form or because an electronic record was used in its formation. The Parties agree not to object to the admissibility of the Agreement in the form of an electronic record, or a paper copy of an electronic document, or a paper copy of a document bearing an electronic signature, on the ground that it is an electronic record or electronic signature or that it is not in its original form or is not an original.

Contract Control Number:

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of

SEAL

CITY AND COUNTY OF DENVER

ATTEST:

By _____

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

By _____

By _____

By _____



Contract Control Number: FIRES-201521807-00

Contractor Name: City of Englewood

City and County of Denver to sign first

By: _____

Name: _____
(please print)

Title: _____
(please print)

ATTENTION [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

CITY OF ENGLEWOOD TO SIGN VIA
PAPER SIGNATURE PROCESS



EXHIBIT A-1 (3 Pages)
DENVER FIRE DEPARTMENT
STANDARD OPERATING GUIDELINE

Section: OPERATIONS: DIVISION RESOURCE MGMT.
Topic: Response Matrix

Topic No:	2102.02
Date:	08-16-13
Approved:	CD
Review Date:	08-16-14
Replaces:	Same, dated 04-17-13 (High-Rise changes as outlined in OPS-023-2013)

Problem	Engine	5-Inch Hose	Truck	Tower	Heavy Truck	Chief	Rescue	HAMER	RIT	BLS	Special Teams
10 to Assist Police			1			1					
9 to Assist Police			1			1					
911 Hang Up	1										
A Automobile	1										
A Automobile – No Injury	1										
A Bicycle	1										
A Bicycle Only										1	
A Building - Investigation	1		1			1					
A Building (Collapse)	1		1			1		1			Confined Space
A Bus or Lt. Rail	1		1		1	1	1	1			
A Highway	1		1			1					
A Motorcycle	1										
A Motorcycle Only	1										
A Parties Trapped	1		1		1	1					
A Pedestrian	1										
A Rollover	1		1		1	1					
A Unknown Injury	1										
Aircraft Crash	3		2			2	1	1	1		
Alarm Bells Ringing	1		1			1					
Arson Investigation	1										
Automatic Mutual Aid	1					1					
Bomb Threat	1		1			1					
Box Alarm - DFD	1		1			1					
Burnt Food - Investigation	1		1			1					
Burnt Food – With Smoke	2		2			2	1		1		
Carbon Monoxide (1 Unit with CO capable meter)			1								
Collapse	1		1			1		1			Confined Space
Community Services	1		1								
Confined Space Rescue	1		1			1					Confined Space
DIA – Amber Alert	1		1			1					ARFF
DIA – Train Incident	1		1			1					
Drowning (Near) / Diving										1	
E CO Poisoning	1		1			1		1			

EXHIBIT A-1 (3 Pages)
DENVER FIRE DEPARTMENT
STANDARD OPERATING GUIDELINE

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Problem	Engine	5-Inch Hose	Truck	Tower	Heavy Truck	Chief	Rescue	HAMER	RIT	BLS	Special Teams
E Jumper	1		1			1					High Angle
E Lift Assist			1								
E Medical Alarm			1								
Electrical Short - Investigation	1		1			1					
Electrical Short – With Smoke	2		2			2	1		1		
Elevator Rescue	1		1			1					
Elevator Rescue – High Rise (75' or More)	1		1			1	1				
EMS										1	
Explosion - Investigation	1										
Explosion (Confirmed)	2		2			2			1		Confined Space
F Apartments (3 or More Stories)	3		2			2	1	1	1		
F Automobile	1										
F Bus, Motor home, Semi Truck	1		1			1					
F Dumpster	1										
F High Rise	4		2			3	1	1	1		
F Hospital	3		2			2	1	1	1		
F Illegal Burn	1										
F Nursing Home	3		2			2	1	1	1		
F Rail Vehicle (Train)	3		2			2	1	1	1		
F Reported Out	1		1			1					
F School	3		2			2	1	1	1		
F Structure	3		2			2	1		1		
F Structure - DIA	2		2			2	1		1		
F Structure – DIA / Large	3		2			2	1	1	1		
F Transformer	1										
F Trash	1										
F Warehouse	3		2			2	1	1	1		
F Weed	1										
Fuel Spill	1										
Fuel Spill – DIA Aircraft											ARFF and Fuel Inspector
Fuel Spill – DIA Non Aircraft	1		1								
Hazmat - Investigation	1					1		1			
Hazmat (Full Response)	1		1			1					HAZMAT

EXHIBIT A-1 (3 Pages)
DENVER FIRE DEPARTMENT
STANDARD OPERATING GUIDELINE

Section: OPERATIONS: DIVISION RESOURCE MGMT.
Topic: Response Matrix

Topic No:	2102.02
Date:	08-16-13
Approved:	CD
Review Date:	08-16-14
Replaces:	Same, dated 04-17-13 (High-Rise changes as outlined in OPS-023-2013)

Problem	Engine	5-Inch Hose	Truck	Tower	Heavy Truck	Chief	Rescue	HAMER	RIT	BLS	Special Teams
Helicopter Standby	1		1			1					
High Angle Rescue	1		1			1					High Angle
Ice Rescue	1		1			1					Underwater
Industrial / Machine	1		1			1	1				
Lockout - Emergency										1	
Lockout – Non Emergency										1	
Natural Gas Leak - Inside	1		1			1		1			
Natural Gas Leak - Outside	1		1			1		1			
Odor Investigation	1		1			1					
Odor Investigation – With Smoke	2		2			2	1		1		
Odor Investigation (Chemical)	1		1			1		1			
Other	1										
PFAS Class I	1		1			1					
PFAS Class II	1										
Smoke Investigation - Outside	1										
Ventilation Only			1								
Water Problem			1								
Water Rescue	1		1			1					Underwater
Wires Down	1										
Additional Alarms (above a Task Force Response) A standard Engine will be substituted for 5-inch Hose Engine when necessary. A Standard Truck will be substituted for a Tower when necessary.	1	2	1	1		1					
High Rise Additional Alarms	4		2			1					

Confined Space Team: Tower 1, Collapse Trailer, Rescue, and HAMER

High Angle Team: Rescue and Tower 1

HAZMAT Team: Rescue, HAMER, Engine 6, and DECON Team (Engine and Truck 26 and/or Engine and Truck 16)

EXHIBIT A-2

TRAVEL RESPONSE STANDARD

FIRE RESPONSE - ENGLEWOOD TRAVEL TIME ANALYSIS

Analysis Notes: This analysis was completed with up-to-date Denver street data. The regional streets used have not been updated in three years and the mileage totals below may be inaccurate if streets have been added in the 4, 6, or 8 minute travel time zones in that time period. The analysis was also completed with several assumptions which could have major impacts on the actual distance traveled in 4, 6, or 8 minutes.

Assumptions are as follows:

- Fire Department Engines do not stop at stoplights or stop signs.
- Engines drive at the posted speed limit.
- Engines will not encounter traffic.
- Roads are not subject to closure.

This analysis is meant to be a rough order of magnitude of possible travel time mileage and should be considered a "best case scenario" in terms of the mileage covered.

**Denver Fire & Englewood
Acoma & Jefferson Fire Stations**

Response in Minutes	Miles Covered in response time zone	% of Englewood Roads Covered	Cumulative % of Englewood Roads Covered
0 - 4	116.06	87.92	87.92
4 - 6	15.94	12.08	100.00
6 - 8	0.00	0.00	100.00
Total Miles Covered	132.00		
	Total Englewood Road Miles	132.00	

100% of Englewood roads covered by Denver Fire in 6 Min.

Englewood Only (All Stations)

Response in Minutes	Miles Covered in response time zone	% of Englewood Roads Covered	Cumulative % of Englewood Roads Covered
0 - 4	110.06	83.38	83.38
4 - 6	15.97	12.10	95.48
6 - 8	5.97	4.52	100.00
Total Miles Covered	132.00	100.00	
	Total Englewood Road Miles	132.00	

100% of Englewood roads covered by all Englewood Fire Stations in 8 Min

EXHIBIT B FIRE PREVENTION

Consultation at Emergency Incidents

When there is a risk of structure collapse, upon request of the Incident Commander, a Denver Fire Department Fire Protection Engineer(s) will respond to the scene to evaluate safety for responding firefighters.

Referenced Standards

The Denver Fire Code and the standards referenced therein will be the compliance standards referenced for review of proposed construction plans and inspection of properties in the City of Englewood.

Plan Review

- **Pre-construction Conferences.** Upon request by the City of Englewood Fire Marshal, Denver Fire Department Fire Prevention Fire Protection Engineering and Uniformed Personnel (collectively hereinafter referred to as “Denver Fire personnel”) will be notified by Englewood and shall participate in pre-construction conferences along with the appropriate officials, to answer questions relating to fire protection features in the planned building or fire code requirements, or to discuss comments provided during the plan review process. All comments by Denver Fire Department’s engineering section will be directed in writing to the appropriate Englewood official(s).
- **Site Plan Review.** Upon request by the City of Englewood Fire Marshal, Denver Fire personnel will be notified and afforded the opportunity to participate in project site plan reviews along with the appropriate Englewood official(s).
- **Preliminary Plan Review.** Upon request by the City of Englewood Fire Marshal, Denver Fire personnel will be notified by Englewood and afforded the opportunity to participate in review of project preliminary plans along with the appropriate Englewood official(s). This information will be shared with the fire companies that are expected to respond in the event of an emergency.
- **Final Building Plans and Specifications.** Upon request by the City of Englewood Fire Marshal, Denver Fire personnel will be notified and shall be afforded the opportunity to participate in review of project final building plans and specifications along with the appropriate Englewood official(s).

Upon request by the City of Englewood Fire Marshal, Denver Fire personnel, upon determination that the plans comply with the applicable fire code requirements, shall notify the appropriate Englewood official in writing that there is no objection to issuance of a building permit. Englewood shall provide building construction addresses, timelines and other pertinent information to the fire companies responsible for suppression and/or fire

inspection of the building. Upon request by the City of Englewood Fire Marshal, Denver Fire personnel shall participate in rough-in inspections during construction.

- **Certificates of Occupancy.** Upon request by the City of Englewood Fire Marshal, Denver Fire Prevention will be notified by Englewood (or the contractor) and shall participate in the final inspection process, and the final sign-off on the building before the certificate of occupancy is issued. This certificate indicates that all of the requirements under the applicable codes have been met and that the building is safe and habitable. Upon request by the City of Englewood Fire Marshal, Denver Fire personnel will assist the appropriate Englewood official(s) in testing all life safety systems prior to approving the certificate of occupancy. All comments will be directed in writing to the appropriate Englewood official(s).
- **Consultation.** Upon request by the City of Englewood Fire Marshal, Denver Fire Prevention personnel shall offer consulting services to the Englewood community, including design professionals, contractors and trades craftsmen, property owners, managers, occupants and members of the general public. The consulting services will include: explanation of the Fire Code and fire-related sections of the Building Code, application of specific standards, and information about the most effective ways to deal with fire and emergency hazard situations. All comments will be directed in writing to the appropriate Englewood official(s).

Business License Inspections

Upon request by the City of Englewood Fire Marshal, prior to approval of any initial general or specialized business license by Englewood, an inspection will be conducted by Fire Prevention personnel to determine compliance with the Denver Fire Code. The findings will be forwarded to the appropriate Englewood official(s) for review. Upon request by the City of Englewood Fire Marshal, Denver Fire Prevention personnel shall also, where required, provide inspections for the renewal of general and specialized business licenses.

Fire Safety Inspections and Basic Fire Inspections

- **Commercial Fire Safety Inspections and Basic Fire Inspections.** All commercial properties in the City of Englewood, including residential properties of more than two units, will receive an annual inspection. City of Englewood Fire Prevention will conduct all basic fire inspections. Denver Fire Department Operations Division personnel will conduct an annual property familiarization inspection of all commercial properties. When Denver Fire Department Operations Division personnel have found a situation posing an imminent hazard, Denver Fire will take immediate action to mitigate the situation and afterwards notify in the appropriate Englewood official(s) about it.
- Upon request by the City of Englewood Fire Marshal, Denver Fire Prevention will conduct a technical inspection. All comments will be submitted in writing to the appropriate Englewood official(s). Denver Fire personnel will advise the appropriate Englewood official(s) of any violation(s) discovered during the course of the property familiarization inspection. Englewood shall be solely responsible for any enforcement action concerning the

violations; however, Denver Fire Department personnel will be notified of follow-up inspections and afforded the opportunity to accompany Englewood officials in conducting those follow-up inspections.

Denver Fire Department personnel will not participate in fire safety inspections or basic fire inspections of residential properties of two units or fewer unless requested by the resident and authorized by Englewood officials, the building's ownership or building management.

- **Special or Technical Inspections.** Upon request by the City of Englewood Fire Marshal, Denver Fire Prevention personnel will conduct fire safety inspections requiring specialized or technical expertise. Fire Prevention personnel will also be available, upon request, to assist Englewood property owners or managers in the development of emergency procedures and emergency evacuation plans.
- **Nightclubs and Other Assembly Occupancies.** Denver Fire Prevention personnel will respond to complaints or reports of overcrowding or other fire-related concerns. If, during a response to a nightclub, Fire Prevention concerns such as overcrowding, blocked exits, etc., are identified, then Denver Fire personnel will contact Englewood Police to enforce the code unless requested by Englewood city officials to initiate code enforcement.
- **Files.** Denver Fire Department Fire Prevention will maintain well-organized, complete and accurate records and files on all actions taken (plan review, consultation, inspections, permits). This information is needed to provide performance measures in accomplishing fire prevention goals and to provide management information for budgetary and administrative purposes. All information records and files will be shared between the Denver Fire Department and City of Englewood officials.
- **Construction and Fire Safety Inspection and Permit Fees.** Fees for fire safety inspections and fire safety permits will not be levied unless authorized by Englewood city officials.

Licensing

Current Denver Fire Department licenses shall be required for the design, installation, modification, inspection, and testing of all life safety systems and equipment. All fitters/technicians/private inspectors shall be licensed to design, add to, modify, and perform all types of inspections, testing, maintenance, and repair of factory-engineered equipment.

Method for Appealing Disagreements

A method must be established to appeal any disagreements between Denver Fire and Englewood Building and Fire officials. Concerning the fire prevention matters addressed herein, an Englewood official such as the City Manager will be the final decision maker. But in cases of disagreement, the interpretation which tends to advance the safety of the public and firefighters shall prevail.

EXHIBIT C

FURNITURE, FIXTURES AND EQUIPMENT

To: Mark Ertle, Fire Chief
From: Richard Petau, Deputy Fire Chief
Date: March 20, 2015
Subject: Station inventories

The following is a list of the items that are moveable in and out of the Acoma and Jefferson stations.

Jefferson

- (1) 4'X9' dining table
- (8) dining chairs
- (7) recliners
- (1) side by side stainless steel refrigerator
- (1) electric range W/oven
- (1) stainless steel dishwasher
- (1) full set of pots and pans
- (1) full set of kitchen utensils
- (1) full set of silverware
- (1) microwave oven
- (1) 54" flat screen television (purchased by Local 1736)
- (1) natural gas grill
- (1) large rolling tool chest with tools
- Office furniture in B/C's office
- Cubicle style office furniture in Lt's office
- (27) mattresses all in murphy beds, purchased April of 2014

Acoma

- (1)4'X7' dining table
- (6) heavy wooden dining chairs
- (5) recliners
- (1) side by side refrigerator
- (1) gas range W/oven
- (1) stainless steel dishwasher

- (1) full set of pots and pans
- (1) full set of kitchen utensils
- (1) full set of silverware
- (1) microwave oven
- (1) 42" flat screen television (purchased by COE)
- (1) natural gas grill
- Office furniture
- (15) mattresses all in murphy beds, purchased in April of 2014

Tejon

- (4) recliners
- (1) over/under refrigerator
- (1) dishwasher
- (1) full set of pots and pans
- (1) full set of kitchen utensils
- (1) full set of silverware
- (1) microwave oven
- (1) 42" flat screen television (purchased by COE)
- (1) LP gas grill

Misc Fire Department Inventory

Tejon Station

6 bottle cascade system. Hydrostatically tested in 2014

Auto RAE calibration unit for gas detectors. (Grant)

Acoma Station

(24) Nex-Gen7 4.5 SCBA packs. (UASI Grant) DFD does not use these

(72) ½ hour carbon fiber wrapped cylinders. (USAI Grant) DFD does not use these

(8) 1hour carbon fiber wrapped cylinders. (UASI Grant) DFD does not use these

(60) Various size AV-3000 masks, \$260 per mask, total, \$15,600 (new price) DFD does use these

(55) CBRN MMR's, \$1,100 per unit, total, \$60,500 (new price) DFD does use these

(1) Porta-Count fit tester for SCBA

(1) Posi-Check MMR calibration equipment for SCBA

Spare SCBA parts inventory. Approx. value \$2,500

Jefferson Station

John Deere lawn tractor used for plowing snow

Misc

100 sets of bunker gear. Price: \$1,800 per set. Total, \$180,000 (new price)

60 helmets. Price: \$250 per. Total, \$15,000 (new price)

Misc gloves, hoods, est. \$10,000

80 gallons of MicroBlaze foam. \$20.00 per gallon. Total, \$16,000

50 gallons of A/B foam. \$10.00 per gallon. Total, \$5,000

The Servicenter has approx. \$11,000 of propriety parts for our equipment in their inventory.

PARTS INVENTORY - DETAIL REPORT

The Physical Inventory movement displayed is movement since the beginning of your fiscal year as set in System settings. The Extended Cost includes quantity times true cost only. The report displays only stocked parts.

STOREROOM: 1 - Parts Storeroom 1

PART NUMBER	DESCRIPTION	LOCATION	MARK UP	REC V	XFER IN	ADJ UP	REC V RET ISSUE	XFER OUT	ADJ DOWN	ISSUE RET	QTY IN STOCK	TRUE COST	EXT COST
1094	HORN, AIR KIT REPAIR	M332	0.00	0	0	0	0	0	0	0	4	2.75	11.00
1510	HORN, AIR	M381	0.00	0	0	0	0	0	0	0	1	61.42	61.42

CATEGORY: FT-FIRETRUCK

Cab:

4 x Engine Keys
 Elevator keys ERG
 Run Books
 Backboard

Cabinet:

Carry All
 C-Spine Material
 1/2" Static Line in 2:I Configuration – 200ft.
 Non-Latex Gloves

Engineer's 1:

Spare Engine Key
 1 x AP 50
 Halligan
 Flat Head Axe (8lb) Spare
 Mask/MMR

Engineer's 2:

Breaker Box
 Foam Aspirating Nozzle 2
 1/2" Fog Nozzle
 2 1/2" Solid Bore Handline Nozzle
 2 1/2" Stacked Tips for Deck Gun (1 3/8", 1 1/2", 1 3/4", 2")
 Gated Wye
 2 1/2" Siamese
 2 x Storz Adapters (Female on 2 1/2" Side)
 2 1/2" to 1" Adapter
 Trash Line with Garden Nozzle
 2 x Hay Hooks
 2 1/2" Double Male x 3 / Double Female Adapters x 3
 1 3/4" Double Male x 2 / Double Female Adapters x 2
 Flat Spanner Wrenches x 2
 Dead Blow Shot Mallet (3lb)
 18" Pipe Wrench
 Hydrant Wrench
 7- Way Spanners x 3
 Spare 2 1/2" Gasket

Engineer's 3:

2 x Broom Heads
 2 x Extendable Broom Handles
 Flat Head Shovel
 Spade Head Shovel
 31" Bolt Cutters

Cheap Ratchet Set
Piercing Nozzle
Hose Roller

Engineer's 4:

Empty

Rear Roll Up:

Sampson Clamp
Cones
Cooper Hose Jacket
5" Pony Section
2 ½" to 5" Storz Siamese
Monitor Base
Hydrant Bag
-Storz Adapter, Wrench, Littleton Wrench, 2 Spanners, 2 ½" Cap, 2 ½"
Dbl. Fem, 2 ½" Dbl. Male, Denver Thread Adapter.
Cones
10B/C C02 Extinguisher

Officer's 4:

20-A / 120-B/C Dry Chem Extinguisher
2-A APW (Water Can)
Fan Fuel
6.5 hp Honda PPV Fan
9ft. Exhaust Hose

Officer's 3:

Large Canvas Tarp
Carry All
Small Vinyl Salvage Cover
Reflective Tarp
Black Haz-Mat Bag
50ft Bundle Electrical Cord
2x Portable Halogen Lights (500W)

Officer's 2:

Pick Head Axe
Halligan
Flat Head Axe (8lb.)
Pry-Axe
A-Tool
K-tool and through the lock set

Officer's 1 :

Empty

Misc:

4 x Spanners on Outside Rear
4 x Spanners on Outside Officer's Side
2 x 7-Way Spanners + Hydrant Wrench on Officer's Side Panel

Hose Loads:

Bumper Line = 100ft. x 1 ¾" Single Jacket /Fog Nozzle (Foam Capable)

Cross Lays = 200ft. x I ¾" Double Jacket / Fog Nozzle (Front Only = Foam Capable)

Supply = 1000' x 5" / 800' x 2 ½" (reverse lay)

Bomberlines= 2x 200", 2 ½" + Smooth Bore Nozzle and Fog

Dunnage:

8.5 kW Hydraulic Generator

500gal Water

40gal Foam Concentrate

5gal Bucket Kitty Litter

5gal Bucket Dirt

Removable Deck Gun / Monitor (Fog Nozzle)

2 x 6ft Drywall Hooks

14ft Roof Ladder

24ft Extension Ladder

10ft Attic Ladder

10ft Pike Pole

1 x Telescoping 1500W Halogen Light per Side

2 x 500W Halogen Lights per Side

Cab:

4 x Engine Keys
 ERG
 Run Books
 Backboard

Cabinet:

Carry All
 C-Spine Material
 ½" Static Line in 2:1 Configuration - 200ft.
 Non-Latex Gloves

Engineer's 1:

Spare Engine Key 1
 x AP 50
 Halligan
 Flat Head Axe (8lb)

Engineer's 2:

Breaker Box
 Foam Aspirating Nozzle
 2 ½" Fog Nozzle
 2 ½" Solid Bore Handline Nozzle
 2 ½" Stacked Tips for Deck Gun (1 3/8", 1 ½", 1 ¾", 2")
 Gated Wye
 2 ½" Siamese
 2 x Storz Adapters (Female on 2 ½" Side)
 2 ½" to 1" Adapter
 Trash Line with Garden Nozzle
 2 x Hay Hooks
 2 ½" Double Male x 3 / Double Female Adapters x 3
 1 ¾" Double Male x 2 / Double Female Adapters x 2
 Flat Spanner Wrenches x 2
 Dead Blow Shot Mallet (3lb)
 18" Pipe Wrench
 Hydrant Wrench
 7- Way Spanners x 3
 Spare 2 ½" Gasket

Engineer's 3:

2 x Broom Heads
 2 x Extendable Broom Handles
 Flat Head Shovel
 Spade Head Shovel
 31" Bolt Cutters
 Cheap Ratchet Set
 Hose Roller

Engineer's 4:

Fan Fuel
6.5 hp Honda PPV Fan

Rear Roll Up:

Sampson Clamp
Cones
5" Pony Section
2 ½" to 5" Storz Siamese
Monitor Base
Hydrant Bag
-Storz Adapter, Wrench, Littleton Wrench, 2 Spanners, 2 ½" Cap, 2 ½"
Dbl. Fem, 2 ½" Dbl. Male, Denver Thread Adapter.

10 B/C CO2 Extinguisher

Officer's 4:

20-A / 120-B/C Dry Chem Extinguisher
2-A APW (Water Can)
2x 50' 2 ½

Officer's 3:

Large Canvas Tarp
Carry All
Small Vinyl Salvage Cover
Black Haz-Mat Bag
50ft Bundle Electrical Cord
2x Portable Halogen Lights (500W)

Officer's 2:

Pick Head Axe
Halligan
Flat Head Axe (Sib.)
Pry-Axe
A-Tool
K-tool and through the lock set

Officer's I:

Empty

Misc:

4 x Spanners on Outside Rear
4 x Spanners on Outside Officer's Side
2 x 7-Way Spanners + Hydrant Wrench on Officer's Side Panel

Hose Loads:

Bumper Line = 100ft. x 1 ¾" Single Jacket / Fog Nozzle (Foam Capable)
Cross Lays = 200ft. x 1 ¾" Double Jacket / Fog Nozzle (Front Only = Foam
Capable)
Supply = 1000' x 5" / 800' x 2 ½" (reverse lay)
Bomberlines= 2x 200", 2 ½" + Smooth Bore Nozzle and Fog

Dunnage:

8.5 kW Hydraulic Generator

500gal Water
40gal Foam Concentrate
5gal Bucket Kitty Litter
5gal Bucket Dirt
Removable Deck Gun / Monitor (Fog Nozzle)
2 x 6ft Drywall Hooks
14ft Roof Ladder
24ft Extension Ladder
10ft Attic Ladder
10ft Pike Pole
1 x Telescoping 1500W Halogen Light per Side
2 x 500W Halogen Lights per Side

Utility Truck 6494

Passenger Side Front Tall:

- 12 Scott Low Pressure 30min. Air bottles

Passenger Side MidTall 1:

- 3 Scott Low Pressure 60min. Air Bottles
- 12 Volt Power Supply/Jump start Kit
- 2 Sets of tires chains
- 1 small blue tarp

Passenger Side MidTall 2:

- 3 spade shovels
- 1 tool box w/ misc. hand tools
- 1 junction box

Passenger Side Wheel Well Double Door:

- 1 pick head ax
- 2 flat shovels
- 1 grain shovel
- 1 rake
- 4 sets of coveralls
- Kalina Case with Nikon camera w/ flash

Passenger Side Back Tall:

- 1 small scene light Arson Kit containing:
 - o Large can
 - o Small can
 - o Quart Jar
 - o Pint Jar
 - o Small Jar
 - o Tire gauge
 - o Alcohol
 - o Paper Towels
 - o Disposable gloves
 - o Tools
 - o Putty knife
 - o Vapor Seal Bags
 - o Ruler/Tape
 - o Camera
 - o Film
 - o Syringes
 - o Property sheets
 - o Labels

- o Evidence Tape
- o Bottle w/ rubber stopper
- o Fire Scene tape

Bed of Truck:

- Wheelbarrow
- K2100/120/15A/single McGraw-Edison Power Unit
- MDG Fogsmoke Gen.

Driver Side Front Tall:

- 2 Rescue Bags EACH Containing:
 - o Class 3 Harness
 - o Set knee pads
 - o Helmet with Light
 - o Roll duct tape
 - o Radio harness
 - o Gloves
 - o 50' hardline
 - o 200' of rope
- Equipment Bag 1:
 - o 4 coveralls
 - o 2 sets knee pads
 - o 2 sets elbow pads
 - o 4 radio harnesses
 - o 2 flashlights
 - o 2 hard hat
 - o 2 sets leather gloves
- Equipment Bag 2:
 - o Four 50' hardline
- Equipment Bag 3:
 - o Two 50' Hardline
 - o Two 100' Hardline

Driver Side Mid Tall 1:

- One High Pressure Kart with 2 bottles and necessary hardware.
- Application manuals and protocol books

Driver Side Mid Tall 2:

- 3 pigtails
- 2 tri-pod scene lights

Driver Side Back Tall:

- Foam Inductor
- 100' Cord



Engine Compartments

DOE outside cab Front compartment

- X1 radio lapel
- X2 spare mask
- X2 spare MMR

DOE outside cab Rear Compartment

- Rags
- X1 silicone lubricant
- Spare headset
- # 11 21" plate
- Scene light controller

DOE side Front compartment:

- x 1 SCBA
- x1 personal rope bag {60' 8mm static kern mantel rope, daisy chain 1" webbing and aluminum carabineer rated at 23kN}
- x1 Foam Jet-Lx tip (Foam aspirator, Foam Jet-low Expansion-Mid Force Hand line) FJ-LX-HM
- x1 1 1/8" Smooth bore nozzle w/1 1/2' breakaway (1" 1/8: 266gpm @ 50psi)
- x1 2 1/2 gated wye (ball valve) 2 1/2 to double 1 3/4"
- X1 2) 11 Task Force tip Hand line adjustable pattern automatic fog nozzle (95300gpm @ 100psi)
- x1 2 > S gate valve
- x2 mattress hooks (hay hooks)
- x1 Siamese (double 2 Y to single 2 Y)
- x1 smooth bore nozzle w/ T, 11/s, 1Y orifice (210gpm, 266gpm, 328gpm @ 50psi)
- X1 garden hose (100', for decontamination operations)
- X1 dual 2 Y to stortz (monitor base/Siamese)
- X1 stortz to 2 Y/reducer/expander
- X1 Hydrant wrench
- X1 mallet (dead blow)
- Smooth bore master orifices: 1 3/s 1 14:1 1 % , 2" + stream straightener (502gpm, 598gpm, 814gpm, 1063gpm @ 80psi)
- x2 LDH spanners
- x1 set of irons X1 Haligan, X1 6lb. fiberglass handled flat head axe)
- bressnan distributor nozzle (AKA CeHar nozzle 9 holes, 48Ggpm @ 100ps1, 18' broken stream radius, 9 orifices measurements: 3 @ 13/16" and 6 @ 1/2")
- ADAPTERS: 1 Y 1" cap, x1 1" NH to NP (national hose to national pipe), x1 1 X" NP to NH, x1 1 Yz" dual male NH, x2 1 Yz" dual female NH, x2 NH to NP, x1 2 Y 1" smooth bore adaptor, xS 2 Yz" dual male NH, xS 2 Yz" dual female.

Underneath:

- X2 tire chocks ('bear traps')

DOE side middle compartment:

- X1 5 gallon bucket w/absorbent
 - X1 3) 1 gallon bucket w/ice melt
 - X1 Rehab cooler with water
 - X1 box repair putty sticks
 - X1 5 gallon bucket (empty/foam flush)
 - X1 coffee can plug and dyke
 - X1 7' foam fill/flush hose
 - X2 rolls garbage bags
- Stihl MS 461 chain saw w/bullet chain
Bar oil

DOE side middle drawer:

- X1 reel 'Danger tape
- X2 reel 'Fire line' tape
- X2 duct tape
- X1 roll of chem tape
- X1 61b fiberglass handled pick axe
- X1 18" steel pipe wrench
- X1 15" steel crescent wrench
- X4 hose straps
- X1 Ktool unlock kit,
- X1 Hazmat & terrorism emergency response book

Front Rear wheel compartment

- X1 True Fuel
- X1 packet of wipes
- X1 funnel
- X1 scoop

Back Rear wheel compartment

- Diesel fuel fill
- Floor dry fill and dispense underneath apparatus behind rear left tire

DOE side rear compartment:

- X1 PPV Fan (SuperVac Model 718g4,h, 7 bladed 18" airfoil propeller, 4 cycle 6.5 horsepower engine, rated at 15,590 cfm, 3535rpm, approx: 821bs, 94 decibels at 7 meters, 110 minute runtime) 18 degree optimum operating angle @ 6'
 - X1 Dewalt 20V drill & Sawzall
 - X1 Tool Box
 - X1 Husky ratchet set
 - X1 Dewalt 120 V Sawzall
 - X1 can liquid wrench silicon spray
 - X2 extendable brooms (4',8', 5')
 - X1 expanding rake
 - X1 flathead (square) shovel
 - X1 spade shovel
 - X1 piercing nozzle { 125gpm @ 100psi, Maximum operating pressure of 200 psi, capable of penetrating one layer cinderblock, two layers brick, 3/4" plywood or 1/16" thick steel plate)
 - X1 13' little giant ladder { 11' maximum working length, 300lbs capacity, NOT fire rated/
- !!!g:
- X1 pouch of spare reciprocating saw blades
 - X1 25' tape measure
 - X1 20 V charger Dewalt

Rear End compartment:

- X10 18" traffic cones
- X1 monitor base with tie off strap and Safe-Tak valve) *do not use at less than 35 degrees*
- Edge protection (Edge Pro)
- X1 25' S' (LOH) Hose
- X1 10' stick 2 1/2" light weight hose
- X1 Sampson hose clamp (can be used with 1 1/2", 1 3/4", 2", 2 1/2", and 3" double jacketed woven hose, 20' from apparatus and 5' from coupling, always stand upside of stream while damping)

Hydrant bag:

- XI 5"/stortz adaptor
- **XI 5" Denver thread adaptor**
- **XI 2 1/2" to double 1 1/2" gated wye**
- XI 1 1/2" NH to NP adapter
- **XI 1 1/2" NP to NH adapter**
- Hydrant wrench
- Littleton Hydrant wrench
- **X2 7 way spanners** {couple hose, uncouple hose, nail puller, gas shutoff, door 1, wedge, pry tool, striking tool}
- **X2 Large spanners**
- **X12 }S" cap**
- XI 2 W' double female adaptor (NH)
- XI 2 W' double male adaptor (NH)

Officer side rear compartment:

- XI 35 lbs ABC extinguisher (rated: 20-A, 120-B, & C)
- **XI 2 1/2 gallon water/microblaze mix extinguisher** (rated: 2A)
- XI CO2 26 lb. extinguisher (rated: 10-B, & C, with 4" horn orifice)
- **X2 High rise pack: 3' section of light weight 2 1/2" hose to gated wye to 100' light weight 1 1/2" hose to a Task Force Tip Mid Force automatic fog nozzle (70-200 gpm @ 100 psi w/low flow setting of 30 to 70psi), XI NH to NP 1 1/2" adaptor, XI NP to NH 1 1/2" adaptor, X2 7 way spanners, XI 10" pipe wrench**
- **X2 50' sections of light weight 2 1/2" hose**
- **XI Cooper hose Jacket** (maximum operating pressure 150psi, classifed 'tool' by IFSTA pg 649)
- **XI set of irons**
- XI rubbish hook
- XI Utility rope bag (150' braided rope NOT for life safety)
- **X2 Single person Hazmat bag**
- **XI 4 person Hazmat bag**

Officer side middle compartment:

- X2 portable floor lights (Halogen 500 watts 120v)
- X2 carry all's (5'x5' and 8'x8')
- X2 salvage tarps (12x 14)
- **XI roll of Visqueen** {plastic cover 10' 4" wide}
- **X3 50' electrical extension cords**
- **XI junction box with 4 plugins**
- **X2 Pig tails** {twist lock to 3 prong adapters}
- X2 2 prong to 3 prong (grounded) adapters

Officer side middle drawer:

- XI Duck bill lock breaker
- **XI Fire line tape**
- **XI A tool** (with lock manipulator)
- XI Officer tool/Crash axe/pry axe
- XI Gib. pick axe
- XI Bibs sledge hammer
- XI 12lb sledge hammer
- **XI 36" bolt cutters** (maximum cutting capacity of 7/16 hard metals and 9/16 soft metals, with replaceable cutting heads)

Wheel compartments front and back:

- **X6 air cylinders**

Officer front compartment:

- **XI set of Irons**
- **XI Thermal imaging Camera** (TIC: SCOTT Eagle Imager 160, 4.2 lbs., 4" ICD screen, three mode 'twist change': hands free, hands on, and crawl, 1,100 degree dynamic range, Made of HHRP 'Heat & hit resistant polymer, 'twist change' battery approx, 4 hr service life)
- XI K-tool unlock kit
- **XI spare mask**

- XI box of cribbing
- XI SCBA
- XI 4" D-handled pike pole
- XI personal rope bag (60' 6mm static kern mantle rope With aluminum carabineer)

Officer side rear cab compartment:

- XI cab tilt controller

Officer side front cab compartment:

RIT Bag:

- XI 60 minute SCBA bottle (87 cubic ft of air at 4500psi)
- XI MMR
- XI SCBA Mask
- XI pair of trauma sheers
- XI utility knife
- XI pair channel-lock pliers
- XI pair tin snips
- XI heavy tow/haul strap (5', 12,000lbs)
- X2 aluminum carabineers
- XI rope bag (150' 6mm kern mantle rope)

J.I.L./QII

- X2 6' D-handled, fiberglass shaft, drywall hooks (AKA Cat's paw or plaster hook)
- XI backboard
- XI Extend-A-Gun telescoping waterway to mounted deck gun w/stream straightener and variable stream automatic fog nozzle (150-1250gpm @ 100psi, maximum operating pressure of 170 psi)
- XI Hydraulic AC Generator

Ladder Rack

- XI 24' two section ladder
- XI 14' roof ladder
- XI 10' folding attic ladder
- XI 10', 8' 6' fiberglass handled pike pole

Hose Bed

- 1000' of 5" LOH
- 200' of lightweight 2 1/2" preconnected triple stack load with attached 7 way bale adjustable pattern automatic fog nozzle (50-350gpm @ 100psi)
- 800' of lightweight 2 W" hose.

Preconnects

- X2 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)

Inside Cab

Rollup cabinet in FF area

Top Shelf

- XI spare O2 cylinder
- XI spare c-collar
- XI AC Hotstick (3 settings: high/low sensitivity & front focused, AC Frequencies of 20 - 100 Hz, Intrinsicly safe PVC housing theoretically able to withstand a 50,000 volt shock)
- X2 signal light sticks (one red, one yellow)
- XI SCBA Mask bag with 3 smoke detectors and a spare 9 volt battery

Bottom Shelf

- TIF Combustible Gas Detector (Visual and Audible indicators, variable sensitivity as low as Sppm (gasoline), 30 second alarm up time, instantaneous response-time, Approx. 4 hour run-time battery life, 15" probe, 16 oz weight, operating temp range 32-125 degrees F, 4.8v rechargeable Ni-Cad batteries)
- Gray 4 gas monitor (with battery charger)

Gas	Low Alarm	High Alarm
-----	-----------	------------

O2	19.5%	23.5%
CO	35 ppm	70 ppm
H2S	10 ppm	20 ppm
LEL (Calibrated to Pentane)	10%	20%

- Digital Camera
- Bin of smoke detectors
- Bin of Educational information (Pamphlets, stickers)
- Spare Glucometer

Netted Storage Area

Top Shelf

- AED with adult and Peds pads
- C-Collar Bag (four adult collars, four ped collars, Trauma shears, 2" medical tape, set of headblocks)
- Orange Medkit

Bottom Shelf

- O2/airway kit
 - Main Compartment
 - O2 Cylinder with regulator
 - X3 non-rebreather masks
 - X3 nasal cannulas
 - X2 nebulizers each with 2.5 mg doses of albuterol and 1 dose of Isopro?
 - X1 nebulizer with bag valve mask attachment (includes medications listed above)
 - X2 CPAP Masks
 - Front compartments
- Rope bag with 150' Kern Mantle Static lifesafety rope 3/8" diameter

Apparatus specifications

- Crimson engine/Spartan Chassis
- 1500gpm Waterous pump 16 large diameter discharges at 250gpm)
- 500 gallon water tank
- X2 20 gallon foam tanks (X1 US foam class A/B, X1 Microblaze)
- Apparatus length 33'



Englewood Fire Department

Extrication Equipment Specifications



Res-Q-Jacks

- 2x Space Saver Adjustable Stand (4,000 lbs @ 72")
 - 36.5" Collapsed
 - 90" Extended
 - 2 Cam Buckle Straps 750 lbs working load
 - Weight 49.5
- 2x Space Saver Adjustable Jacks (4,000 lbs lifting)
 - 36.5" Collapsed
 - 90" Extended
 - 12" + Jack Travel
 - 2 Cam Buckle Straps 750 lbs
 - Channel, Round Point, Chain Grab End Fitting (CRG)
 - Weight 42 lbs
- 4x Chain and hook assembly with 4' of chain (Hooks Rated 3,900 lbs)
 - Large 8" J Hook
 - T Hook
 - Small J Hook
 - Chain Shortening
- 4x Chain and hook assembly with 4' of chain (hooks rated 3,900 lbs)
 - Large 15" J Hook
 - Small J Hook
 - T Hook
 - Chain Shortening
- 4x Small Clusters (No Large "J" Hook or 4' length of chain) 3,900 lbs
- 16' Lifting Chain (7,100 lbs working load)
 - 2x Picket anchor stakes 4' long and 20" long
 - 2x 2" by 27' Heavy Duty Ratchet Straps 3,300 lbs (with 3/8" Chain)
 - 3x 2" by 27' Medium Duty Ratchet Straps 2,000 lbs w/snap hooks
 - 2x 2" by 27' Heavy Duty Ratchet Straps 3,300 lbs w/ wire hooks

Holmatro (522)

- 4050 NCT Cutter
 - Model 4050NCT, 10,500 psi allowable Operating Pressure, 208,000 lbs Max Cutting Force, 7 1/8" Opening at tips, weight: 40 lbs, temp range -4 to +176 degrees F
- 4242 UL Spreader
 - Model 4242UL, 10,500 psi Allowable Operating Pressure, 19,595 lbs Max and 8,800 lbs min Spreading force measured at the back of tip, 11,200 lbs max and 6,225 lbs Min pulling force, 27 max spreading distance, weight: 39 lbs, temp range -4 to +176 degrees F
- DPU31 Hydraulic Pump
 - DPU31, Honda 3.5 hp 4 stroke engine, Two stage pump senses leaks and shuts down, capable of hot swap
- Holmatro "Core" Hydraulic lines
 - coaxial Rescue Equipment Hose, High pressure line (10,500 psi) Completely encapsulated in low pressure (363 psi) return line. 2x 32' hoses, max distance of 150' with reduced tool speed at 100' 4:1 safety factor

Amkus (522)

- AMK-21 Cutter
 - 10,500 psi operating pressure, 72,000 lbs max cutting force, 6" spread

- AMK-30CX Spreader
 - 10,500 psi operating pressure, 16,950 lbs max spreading force, 32" max spreading distance, weight: 47.5 lbs
- AMK40R Ram
 - 10,500 psi operating pressure, 30,650 lbs extending force, 14,400 lbs pulling force, length 25.4" retracted 40" extended
- X2 100' Twin Line Amkus Hydraulic lines on electric rolls

Amkus (523)

- Amkus power unit: 4HP Honda
 - Model P554-Amkus Model C, Mineral based hydraulic fluid, 2 gal reservoir, 14 lbs, roll cage, two stage high pressure system 10,500 PSI
- Cambitool: C 15
 - 15.5" spread, 13,100 lbs spread force, T' opening, 57,000 lbs cutting force, 10,500 input, D-ring handled
- Ram 30R
 - 19.3" retracted, 29.1" extended, 30,650lbs push force, 14,400lbs pull force

Pneumatic Tools

- Air Chisel, Impact wrench, Pneumatic Ratchet
 - Ajax tool works 90150 psi, 1,400 blows/min 120 psi average
- **Lampe High Pressure Air Bags (145 psi 6' long air hoses)**

Quantity	Size	Tons	Cub/ft air	Rise
1	24"x24"	39.5	16.6	7-13.5" / 13"
2	16"x16"	7.3	4.8	8-9.6" / 9"
2	12"x12"	9.7	2.2	4-7.2" / 7"
1	9.5"x9.5"	8.7	.8	3-5.6 / 5"

- **Lampe low Pressure Air Bags (14 psi 6' long air hoses)**

Quantity	Size	Tons	Cub/ft air	Rise	Model
1	48"x31"	9	14	12-20"	Pillow #25
1	33"x25"	8	26	25-35"	High Lift #50



Engine 22
Station 22: Tejon Station
3075 S. Tejon St.
Office: 3/762-2483
Battalion Chief: 3/762-2477



Compartments

DOE outside cab Front compartment

- X1 DOE SCBA

DOE outside cab Rear Compartment

- X1 Foam fill hose
- X1 Extension cord to plug truck shore line into trucks generator

DOE side First compartment:

- Pump Panel
- X2 Pre connects, 200', 1 1/2" hose lines with TFT Mid Force nozzles (Both lines are foam capable)
- X2 7 way spanners (couple hose, uncouple hose, nail puller, gas shutoff, door ledge, pry tool, striking tool)
- X2 LDH Spanners
- X1 set of Irons

DOE side Second compartment:

- x1 Foam Jet MLx tip (Foam aspirator, Foam Jet Low Expansion Mid Force Hand line) FJLXHM
- x1 1 1/8" Smooth bore nozzle w/ 1 Y, breakaway (1 1/8": 266gpm @ 50psi)
- x1 gated wye (ball valve) 2 Y, to double 1 Y."
- X1 2 1/2" Task Force tip Hand line adjustable pattern automatic fog nozzle (95-300gpm @ 100psi)
- x1 2 1/2" gate valve
- x2 mattress hooks (hay hooks)
- x1 Siamese (double 2 Y to single 2 Y)
- x1 smooth bore nozzle w/ 1", 1 1/8", 1 Y orifice (ZIOgpm, 266gpm, 328gpm @ 50psi)
- X1 garden hose (100', for decontamination operations)
- X1 dual 2 Y to stortz (monitor base/Siamese)
- X1 stortz to 2 Y reducer/expander
- X1 Hydrant wrench
- X1 mallet (dead-blow)
- Smooth bore master orifices: 1 3/8", 1 1/2", 1 3/4", 2" + stream straightener (502gpm, 598gpm, 814gpm, 1063gpm @ 80psi)
- x2 LOH spanners
- Bressnan distributor nozzle (AKA Ceilar nozzle 9 holes, 480gpm @ 100psi, 18' broken stream radius, 9 orifices measurements: 3 @ 13/16" and 6 @ 1/2")
- ADAPTERS: 1 1/2" cap, x1 1 1/2" NH to NP (national hose to national pipe), x1 1 1/2" NP to NH, x1 1 1/2" dual male NH, x2 1 1/2" dual female NH, x2 NH to NP, x1 2" smooth bore adaptor, xS 2 1/2" dual male NH, xS 2 1/2" dual female.
- Tool Box
- Sprinkler Kit
- Rabbit Tool (Hydra-Ram)
- 2 Scoop Shovels
- Plug & Dike
- Bucket of dry sweep w/ trash bags
- Empty 5 gallon bucket
- Air Chisel, Impact wrench, Pneumatic Ratchet (Ajax tool \ Works 90-150 psi, 1,400 blows/min 120 psi average)
- Air Tool Kit: Hose and Regulator
- Plug Kit: Wax ring, Putty

Underneath:

- X2 tire chocks ('bear traps')

DOE side Third compartment:

- **X2 Rescue Saws** (Stihl TS-400 Saw RPM at 5350 max, one with a steel blade the other with a Piranha Blade)
- X2 Chain Saws (Stihl MS 460, 3 in a row or 6 total, 2,500 rpm idle speed)
- **X1 Acetylene Torch**
- **X1 Chain Saw Kit**
- **Spare Rescue Saw Blades** (6 masonry, 5 metal cutting 5400 rpm)
- **Spare Bullet Chains**
- Hose Roller Edge protection (Edge Pro)

DOE side middle drawer:

- **X2 Push Brooms/handles**
- X1 36" Bolt Cutter
- **X1 12" Channellock Pliers**
- X1 Gib. pick axe
- X1 15" Crescent (adjustable) wrench
- **X1 8" Vise Grip Pliers**
- X4 hose strap
- X1 roll duct tape
- **X1 Hydrant Wrench**
- **TFT Piercing nozzle** (125gpm @ 100psi, Maximum operating pressure of 200 psi, capable of penetrating one layer cinderblock, two layers brick, 3/4" plywood or 1/8" thick steel plate)
- **Battering Ram**

Front Rear wheel compartment

- X1 gas can 1 gallon (unleaded)
- **X2 can 50:1 saw Pre-mix fuel**
- **X1 funnel**
- **X1 scoop**
- **X1 Cooper hose Jacket** (maximum operating pressure 150psi, classified 'tool' by IFSTA pg 649)

Back Rear wheel compartment

- Diesel fuel fill
- **Floor dry fill and dispense underneath apparatus behind rear left tire**

DOE side rear compartment:

- **Lampe High Pressure Air Bags** (145 psi 16' long air hoses)

Quantity	Size	Tons	Cub/ft air	Rise
1	24"x24"	39.5	16.6	7-13.5" / 13"
2	16"x16"	7.3	4.8	5-9.6" / 9"
2	12"x12"	9.7	2.2	4-7.2" / 7"
1	9.5"x9.5"	5.7	.2	3-5.6 / 5"

- **Lampe low Pressure Air Bags** (14 psi 16' long air hoses)

Quantity	Size	Tons	Cub/ft air	Rise	Model
1	48"x31"	9	14	12-20"	Pillow #25
1	33"x25"	8	26	25-35"	High Lift #50

- X1 13' little giant ladder (11' maximum working length, 300lbs capacity, NOT fire rated)
- **2x High Rise Bags:** 3' section of light weight 2 1/2" hose to gated wye to 100' light weight 1 1/2" hose to a Task Force Tip Mid Force automatic fog nozzle (70-200 gpm @ 100 psi w/low flow setting of 30 to 70psi), X1 NH to NP 1 1/2" adaptor, X1 NP to NH 1 1/2" adaptor, X2 7 way spanners, X1 10" pipe wrench
- 2x 2.5" 50' lightweight hose
- **Trash Hook**

- **Res-Q-Jacks:**
 - 2x Space Saver Adjustable Stand (4,000 lbs @ 72")
 - 36.5" Collapsed
 - 90" Extended
 - 2 Cam Buckle Straps 750 lbs working load
 - Weight 49.5
 - 2x Space Saver Adjustable Jacks (4,000 lbs lifting)
 - 36.5" Collapsed
 - **90" Extended**
 - **12" + Jack Travel**
 - 2 Cam Buckle Straps 750 lbs
 - Channel, Round Point, Chain Grab End Fitting (CRG)
 - Weight 42 lbs
 - 4x Chain and hook assembly with 4' of chain (Hooks Rated 3,900 lbs)
 - **Large 8" J Hook**
 - **T Hook**
 - Small J Hook
 - **Chain Shortening**
 - k Chain and hook assembly with 4' of chain (hooks rated 3,900 lbs)
 - **Large 15" J Hook**
 - Small J Hook
 - **T Hook**
 - **Chain Shortening**
 - 4x Small Clusters (No Large "J" Hook or 4' length of chain) 3,900 lbs
 - k 16' Lifting Chain (7,100 lbs working load)
 - **2x Picket anchor stakes 4' long and 20" long**
 - 2x 2" by 27' Heavy Duty Ratchet Straps 3,300 lbs (with 3/8" Chain)
 - 3x 2" by 27' Medium Duty Ratchet Straps 2,000 lbs w/snap hooks
 - 2x 2" by 27' Heavy Duty Ratchet Straps 3,300 lbs W/ wire hooks

Rear End compartment:

- **XS 19" traffic cones**
- **XI monitor base with tie off strap and Safe-Tak valve)** *do not use at less than 35 degrees*
- **XI Sampson hose clamp** (can be used VJ11th 1Yi", 1%", 2"-150300 psi flowing and 200 psi static, 2 YI", and 3" 100-500 psi flowing and 125 psi static, double jacketed woven hose do not use on plastic or rubber coated hose, Stand upstream when clamping 20' from apparatus and 5' from coupling, always stand upside of stream white damping)
- **XI 351bs ABC extinguisher** (rated: 20-A, 120-B, & C, Ammonium phosphate base, pressurized with nitrogen to 195psi, tested to 585psi, hose tested to 500psi/ operating pressure 250 psi)
- **XI CO2 26 lb. extinguisher** (rated: 10-B, & C, with 4" horn orifice, Operating temps between -40 to 120 degrees, Pressure test to 3000PSI, Operating pressure 800-900psi at 70 degrees, operate 10' from fire PASS)
- **Winch**
- **Winch kit** (Containing tow strap and pulley)
- Hydraulic bottle Jacks (2x 20 ton, and 2x 10 ton)
 - **Hydrant bag:**
 - XI S"/stortz adaptor
 - XI 5" Denver thread adaptor
 - XI 2 Yz" to double 1 Yz' gated wye
 - XI 1 Yz" NH to NP adapter
 - XI 1 Yz" NP to NH adapter
 - Hydrant wrench
 - Littleton Hydrant wrench
 - X2 7 way spanners (couple hose, uncouple hose, nail puller, gas shutoff, door wedge, pry tool, striking tool)
 - X2 Large spanners
 - XI 2 Yz" cap

- XI 2 y." double female adaptor (NH)
- XI 2 Y,"double male adaptor (NH)

Officer side rear compartment:

Top Shelf:

- X2 100' Twin Line Amkus Hydraulic Lines on electric rolls
- XI Amkus Model 30CX Spreader { 10,500 psi operating pressure. 16,950 lbs max spreading force, 32" max spreading distance, weight: 47.5 lbs)
- XI Amkus 21 Cutter { 10,500 psi operating pressure, 72,000 lbs max cutting force, 6" spread)
- XI Amkus Model 40R Ram 110,500 psi operating pressure, 30,650 lbs extending force, 14,400 lbs pulling force, length 25.4" retracted 40" extended)
- X2 Holmatro "Core" Hydraulic Lines (32' long)
- Holmatro Spreader (Model 4242-UL, 10,500 psi Allowable Operating Pressure, 19,595 lbs Max and 8,800 lbs min- Spreading force measured at the back of tip, 11,200 lbs max and 6,225 lbs Min pulling force, 27 max spreading distance, weight: 39 lbs, temp range -4 to +176 degrees F)
- Holmatro Cutter (Model 4050-NCT, 10,500 psi allowable Operating Pressure, 208,000 lbs Max Cutting Force, 7 1/8" Opening at tips, weight: 40 lbs, temp range -4 to +176 degrees F)

Bottom Shelf:

- Holmatro Hydraulic Pump (DPU31, 3.5 hp 4 stroke, TV10 stage senses leaks and shuts down, capable of hot swap)
- Step Chalks
- Box of Cribbing (Various sizes)

Officer side third compartment:

- Carry-alls
- Tarps
- Floor runners
- Savage covers
- Hazmat bags

RIT Bag:

- XI 60 minute SCBA bottle (87 cubic ft of air at 4500psi)
- RIT Bag Containing:
 - XI MMR
 - XI SCBA Mask
 - XI pair of trauma sheers
 - XI utility knife
 - XI pair channel lock pliers
 - XI pair tin snips
 - XI heavy tow/haul strap IS', 12,000lbs)
 - X2 aluminum carabineers
 - XI rope bag (150' 6mm kern mantel rope)

Officerside middle drawer:

- K4ool
- XI 4' pike pole with d handle
- XI panic door unlock tool
- XI 36" bolt cutters (maximum cutting capacity of 7/16 hard metals and 9/16 soft metals, 1, with replaceable cutting heads)
- XI 12lb Sledge hammer
- XI 33" pipe wrench
- XI 6lb pick head axe
- XI Gib Flat head axe
- X2 utility knives
- XI Pry bar
- XI Crow bar

Wheel compartments front and back:

- X6 air cylinders (30 min, bottles each holding 45 cu/ft air)

Officer second compartment:

Top Shelf:

- X2 SOOw Portable scene lights
- X2 50' extension cords
- Pig tails/adapters

Middle Shelf:

- XI Dewalt Battery charger and spare battery
- Dremel tool
- XI IIOv Reciprocating saw
- XI hard case containing two Reep saw blade pouches, drill bits.
- Milwaukee Reciprocating Saw

Dewalt Cordless Tools

- XI Drill
- XI Grinder
- X2 Reciprocating Saws
- XI Flashlight
- XI Circular Saw

Bottom Shelf:

- XI PPV Gas Fan (SuperVac Model 718g4-h, 7 bladed 18" airfoil propeller, 4 cycle 65 horsepower engine, rated at 15,590 cfm, 3535rpm, approx: 82lbs, 94 decibels at 7 meters, 110 minute runtime) 18 degree optimum operating angle @ 6'
- XI PPV Electric Fan (SuperVac 14,600 elm)

Officers side front compartment:

- Pump Panelw 5' Intake, S' Discharge, 2 Yi" Discharge
- Mounted cord reel 200' with Junction Box
- X2 Pre connects, 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)
- XI 2 Yi gallon water/microblaze mix extinguisher (rated: 2A)
- XI 6' D-handled, fiberglass shaft, drywall hooks (AKA Cat's paw or plaster hook)
- X2 7 way spanners {couple hose, uncouple hose, natl puller, gas shutoff, door wedge, pry tool, striking tool}
- X2 LDH Spanners
- XI set of Irons

Officer side rear cab compartment:

- Tool Bag

Officer side front cab compartment:

- Officer Air Pak

Up Top "Coffin" Compartment

- X2 6', 8', 10' fiberglass handled pike poles
- Stokes Basket
- Stokes Basket rigging kit
- Back Board
- Tri-pod
- Water-vac with hoses
- X2 spade shovel
- X2 Square point shovel
- 5 gallon bucket of Absorbent
- 5 gallon bucket rehab mister fan
- Pop up shade tent

UP Top Small Compartment

- **Sump-pump** (Positive displacement pump uses a geared mechanism for water movement, cannot plug discharge hose while operating, 120 gal. per hr. 10' max height)
- **50' section of 1 1/2" for sump-pump**
- **Visqueen**

Ladder Rack

- **X1 3S' 3 section ladder**
- **X1 14' roof ladder**
- **X1 10' folding attic ladder**
- **X1 10', 8', 6' fiberglass handled pike pole**

Hose Bed

- **1,000' of 1 1/2" LOH**
- **200' of lightweight 2 1/2" preconnected triple stack load with attached 7 way bale adjustable pattern automatic fog nozzle (50-350gpm @ 100psi)**
- **800' of lightweight 2 1/2" hose.**

Pre-connects

- **X2 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)**

Inside Cab

Roll-up cabinet in FF area

- **X1 AC Hotstick** (3 settings: high/low sensitivity & front focused, AC Frequencies of 20 -100 Hz, Intrinsically safe PVC housing theoretically able to withstand a 50,000 volt shock)
- **X2 signal light sticks** (one red, one yellow)
- **X1 SCBA Mask bag with 3 smoke detectors and a spare 9 volt battery**
- **Heat Gun/Electrical sensor**
- **X1 Thermal Imaging Camera** (TIC: SCOTT Eagle Imager 160, 4.2 lbs., 4" LCO screen, three mode 'twist change': hands free, hands on, and crawl. 1,100 degree dynamic range, Made of HHRP 'Heat & hit resistant polymer, 'twist change' battery approx. 4 hr service life)
- **TIF Combustible Gas Detector** (Visual and Audible indicators, variable sensitivity as low as Sppm (gasoline), 30 second warm up time, instantaneous response time, Approx. 4 hour run-time battery life, 1 1/2" probe, 16 oz weight, operating temp range 32-125 degrees F, 4.8v rechargeable Ni-Cad batteries)
- **Q-ray 4 gas monitor (with battery charger)**

Gas	Low Alarm	High Alarm
O2	19.5%	23.5%
CO	35 ppm	70 ppm
H2S	10 ppm	20 ppm
LEL (Calibrated to Pentane)	10%	20%

- **Digital Camera**
- **N95 masks**
- **Chempro Chemical detector**
- **TIC battery charging station with spare TIC battery**

Netted Storage Area

Top Shelf

- **AED with adult and Peds pads**
- **X1 spare O2 cylinder**
- **X1 spare c-collar**
- **Air Splints**

- C-Collar Bag (four adult collars, four ped collars, Trauma shears, 2" medical tape, set of head blocks)
- Orange Med kit

Bottom Shelf

- O2/airway kit
- Rope bag with 150' Kern Mantle Static life safety rope YI'' diameter 3:1

Apparatus specifications

- Crimson engine/Spartan Chassis
- 500gpm Waterous pump (6 large diameter discharges at 250gpm)
- 500 gallon water tank
- X2 20 gallon foam tanks (X1 US foam class A/B, X1 Microblaze)
- Apparatus length'

Hammer 22 Inventory-

Left Front:

- Misc. Light Rubber Overbooties
- Green Chemical Resistant Boots
- Cotton Long Underwear
- Neoprene Overgloves
- Nitrile & Latex Undergloves
- 8 x Level A Suits
- 11 x Level B Suits
- Level C Suits
- Nomex Coverall's
- Terry Rags
- Chem Tape
- Various Helmets

Center Compartment: (Over the wheel, can be accessed from either side)

- Awning Rod
- 3 x D-Handled Flat Head Shovels
- 1 x Grain Scoop
- Long Handled Spade Head Shovel
- Push Broom
- 3M Surgical Masks
- APR Respirator
- Decou Shelter (1)
- Decou Shower (2)
- Portable Heater (Salamander)
- Level C
- 8 x Plastic Stools
- Scott Air Purifying Filters
- 10 x Meth-Lab Filters
- Scott Mask Adapters
- Scott Mask Radios
- Scott SCBA Masks
- Air Pump (2)
- Chem. Class Test Kit
- Containment Pools
- Radiation Detection Kit
- Drum Pump
- Haz Cat Test Kit (1)
- Mercury Test Kit (1)
- Plastic Sheeting
- Camera + Tripod
- Reference Box (Books)
- Drager Gas Detector

- Various Hand Tools
- Medical Kit

Left Rear:

- 250 lbs. Absorbent (Kitty Litter)
- 4 x 1hr Scott SCBA's
- Large Non-Sparking Hand Tools (Sledge/Axe/Pipe Wrench/Adjustable Crescent)

Right Front:

- Misc. Buckets
- Decon Solutions (Soaps etc..)
- File Cabinet
- Rehab. Water
- 2 x Handlights
- Tool Box w/Handtools
- 100' Garden Hose
- Laptop
- Decon Manifold + Nozzles
- Medical Assessment Gear (Scales etc..)
- Privacy Gowns
- Misc. Personal Privacy Gear
- Plastic/Bags
- RAE PID Tester
- 2 x Utility Rope
- 6 x Scrub Brushes
- Tools
- 2 x Weed Sprayers

Right Rear:

- Overpack Drums
- Electrical Cord Reel
- Hot Water Heater
- Misc. Patching Material
- Submersible Pump
- 9 x Traffic Cones
- Portable Halogen Lights

Dunnage:

- Kerosene
- Sea Sweep
- Absorbent Pellets
- Absorbent Booms
- 4 x Dome Clamps
- 2 x Drum/Tank Patch
- 3 x Plastic Tarps
- Outer Proximity Suits
- PVC Pipe
- Spare Propane Bottle

Misc.:

-2 x 1hr SCBA Bottles on Each Side



Squirt 23 (#6490)
Station 23: Acoma Station
4830 S. Acoma
Office: 3/762-2482



DOE Side

Front Upper compartment:

- DOE headset, 2- guide flashlights, 2 helmets (Rear tail board left side)
- Airpack with cylinder
- 6 lb. flat head axe
- Halligan tool
- 10 lb. sledge hammer
- Personal rope bag (approx. 60' of 7mm static kern mantel rope)
- "Yak Trax" shoe chains
- Spare mask (AV3000)
- Red Tool box
- Duct tape
- Lock out/ tag out kit
- K-tool unlock kit
- Can of dry lube
- David Clark headset connection
- K-12 Stihl TS-400 1xMetal and 2xMasonry Blades 5400 RPM (RR upper compartment)

Front Lower Compartment:

- Dead blow shot mallet (On the door)
- 2- 7 way spanners (On the door)
- 1- multi-use hydrant wrench (On the door)
- 1- 18" Steel Pipe wrench (On the door)
- 1- 2 ½" gate valve
- 1- 19 ½ ' long 2 ½" stinger section of hose (upper hose bed)
- 3- 5" storz to 2 ½" female reducer (2-flat, 1 with elbow)
- 1- Foam Jet nozzle (FJ= Foam Jet, LX= Low Expansion, HM= Mid Force Hand Line)
- 1- 2 ½" to 2 ½" Siamese
- 2- 2 ½" to 1 ¾" gated wyes
- 1- Bressnan Distributor Nozzle (aka cellar nozzle, 9 holes 6 @ 13/16", 3 @ ½", 480 gpm @ 100 psi, 18' broken stream radius)
- 2 ½" to 1 ½" reducer National Hose thread
- 1- 1 ½" National Hose thread Double Male
- 1- 1 ½" National Hose thread Double Female
- 2- 1 ½" National Pipe Female thread to National Hose Male thread
- 2- 1 ½" National Hose Female thread to National Pipe Male thread
- 2 ½" TFT 7 position ball valve bale, smooth bore handline, at 50 psi
 - 1" tip (210 gpm)
 - 1 1/8" (266 gpm)
 - 1 ¼" (328 gpm)
- 2 ½" TFT 7 position ball valve bale, smooth bore, with 1 1/8" tip (266 gpm)
- 1 ½" (for 1 ¼" hand lines) TFT 7 position slider valve bale, combination nozzle, straight stream and fog stream @ 100 psi, standard pressure @ 70-200 gpm, Low pressure @ 30- 70 gpm
- 2 ½" TFT 7 position ball valve combination nozzle, straight stream and fog stream @ 100 psi, 50-350 gpm
- 1- 5" hydrant cap
- 4- 2 ½" double males
- 4- 2 ½" double females
- 1- 2 ½" to garden hose reducer

- 50' section of cotton jacketed garden hose
- 2- 7 way spanners
- 2- LDH spanners / large multi use spanners
- 2 ½" Master Stream Smooth Bore tips 80 PSI
 - 1 3/8" (502 gpm)
 - 1 ½" (598 gpm)
 - 1 ¾" (814 gpm)
 - 2" (1063 gpm)
- 3-1 ½" rubber gaskets
- 5- 2 ½" rubber gaskets
- 3 hose straps
- Circuit panel for mounted lights and outlets (on wall)
- Spare key in "hide-a-key" box (on wall)

Upper Middle:

- **Rit Bag** (utility knife, trauma sheers, 145' of 6mm static kern mantel rope, yellow rescue strap, 8" channel lock pliers, tin sheers, 5' orange loop webbing, mask with MMR, double male air adapter, 5 1/2' UAC connection, 60 minute carbon wrapped air bottle=87 cubic feet of air, 3 carabineers 4500 lb max.)
- **162' long 1/2" diameter lifeline with Z-rig setup**

Black bag of webbing

- 2-20' (yellow) lengths of tubular webbing
- 4-15' (blue) lengths of tubular webbing
- 3-5' (green) lengths of tubular webbing
- 1 yellow anchor strap (9'-8,000 lb max) with d-rings
- 1 blue bungee web
- 1-6' flat webbing strap with hooks and tensionor

Black mesh bag of prusik and carabineers

- | | |
|--|-----------------|
| • 5-"8" plate | 3- 20' yellow |
| • 6-2' prusik loops | 5- 15' black |
| • 2 small rescue pulleys (blue and purple) | 1- 5' green |
| • 1 large prusik minding pulley (red) | 2- 15' 2" black |
| • 7- Carabineers (4100 kg max) | 6- 10' red |
| • Grey webbing bag | |
| • 2-5' green webbing | |
| • 3-10' red webbing | |
| • 6-15' blue webbing | |
| • 4-20' yellow webbing | |
| • 3-10' XL anchor straps | |

Orange bag of prusiks and carabineers

- 18- 2' prusik loops (5 orange, 5 purple, 7 green)
- 3- "8" plates
- 2 red prusik minding pulleys
- 2 small rescue pulleys (blue and purple)
- 21 carabineers (2-4,100 KG, 1-9,000 lb, 2-46 KN, 7-72 KN, 2 not marked)
- 2 red rope rollers with 2 carabineers (linked together)

Large Black "SCOTT" bag

- 4 green level B hazmat suits
- Chem tape
- 4 blue barrier jumpsuits
- 4 SCOTT air purifying cartridges
- green nitrile gloves

- brown containment bags
- 3 tubes of repair putty epoxy
- 4 pair of yellow splash protection booties
- Roll of black trash bags

Lower Rear:

- PPV/PPA (Fan Honda 5.5 hp, 4 stroke, PPV/PPA Fan, 7 bladed 18" airfoil propeller, 14,800 cfm, Model #71864H, 18 degree optimum operating angle @ 6', 10-15 psi tires)
- Pre-mix fuel cans (50:1 mix for saws)
- Red fuel can (gas for 4 stroke engines)
- Bar oil (upper compartment)
- Funnel (upper compartment)
- White rags (upper compartment)
- 4 yellow door chocks on fan

Upper Rear:

- Chain saw with Carbide tipped chain (Stihl MS 460, 3 in a row or 6 total, 2,500 rpm idle speed)
- Rotary saw with steel blade (Stihl TS 400, 5350 RPM, auto tensionor inboard/outboard blade position)
- Coffee can full of plug and dyke (right rear upper compartment)
- 2 extendable broom handles
- TFT Piercing nozzle (7 position ball valve, 125gpm @ 100psi, Maximum operating pressure of 200 psi, capable of penetrating one layer cinderblock, two layers brick, 3/4" plywood or 1/16" thick steel plate)
- 1 black bag with 2 part putty, bees wax, various diameter wooden plugs (right rear upper compartment)
- 2 rolls of yellow "fire line tape"
- 4 broom heads
- Stihl saw wrench/ flat head screw driver
- 2- 4' shovels (1 flat, 1 spade tip)
- Roll of red "DANGER" barrier tape
- 1 spare bullet chain in box
- 1 yellow tub of gojo hand cleaner.
- black trash bags
- duct tape
- Chem Tape

Officer's side:

Rear top compartment:

- 5x5 carry all 4 handle
- 11x16 salvage cover
- 5x18 Floor Runner
- 10 x 24 blue tarp
- 10 x 25 visqueen (plastic sheet)
- 100' extension cord
- 2 - 25' extension cords
- 500 watt portable lights x2
- junction boxes
- 24"/36" bolt cutters
- Sampson hose clamp (up to 2" hose to 150-300 psi flowing, 200psi non-flowing. Up to 3" 100-500 psi flowing, 125 non flowing)
- Cooper hose jacket (max operating pressure 150psi)
- Box with drill bits, paddle bits, screw driver tips
- 2- hay/mattress hooks
- Dewalt 20 volt , 2 speed, 18 setting, cordless Dewalt drill
- Drill Bits
- Dewalt 28 volt single speed recip saw (DC315)
- Husky socket set (upper left engineer compartment)

4x8 salvage
3.5x6 carryall

- 4' fiberglass d-handled pike pole
- 100' cord reel
- Hose roller w/ tie off rope
- Ice Melt

Rear bottom compartment:

- 2.5 gallon water extinguisher 100 PSI 2A, B
- Hydrant bag: storz with threaded 5", Denver threaded 5", hydrant wrench, 14" bolt cutters, 2.5" NH double male/ double female, 2.5" hydrant cap, 2.5" discharge" intake cap, 2 LDH spanners, 2- 7 way spanners,
- 50' 2.5" to go with high rise pack
- **High rise pack:** 3' section of light weight 2 ½" hose to gated wye to 100' light weight 1 ¾" hose to a Task Force Tip Mid Force automatic fog nozzle (70-200 gpm @ 100 psi w/low flow setting of 30 to 70psi), X1 NH to NP 1 ½" adaptor, X1 NP to NH 1 ½" adaptor, X2 7 way spanners, X1 10" pipe wrench
- Dry Sweep/Trash Bags

Forward bottom compartment

- Amkus power unit: 4HP Honda (Model P554-Amkus Model C, Mineral based hydraulic fluid, 2 gal reservoir, 114 lbs, roll cage, two stage high pressure system 10,500 PSI)
- Ram 30R (19.3" retracted, 29.1" extended, 30,650lbs push force, 14,400lbs pull force)
- rocker channel cover for ram use

Forward top compartment

- 1-K-tool (upper engineers compartment left) 1-A-tool
- 1-pry axe
- Irons
- pick- head axe
- Officers SCBA
- Combi tool: C 15 (15.5" spread, 13,100 lbs spread force, 7" opening, 57,000 lbs cutting force, 10,500 input, D-ring handled)

Rear of Squirt

- Right side- 10:BC Carbon dioxide extinguisher
 - Class III Harnesses x5
 - 3- Ladder Belts
- Left side- 10: A 80: BC dry chem. Extinguisher
 - Tech rescue helmets x2
 - Light sticks x2
- 6-traffic cones
- David Clark headset connection

Top of Squirt

- 24' Extension Ladder
- 14' Roof Ladder
- 10' Attic Ladder
- 10' Pike Pole
- 5' Plaster Hook
- Cribbing
- High rise pack with carabineer for ladder tip attachment
- 2.5" pony section
- 5" pony section
- 10K onan generator

Cab:

- X1 FLIR-TIC w/ extra battery
- Q-ray 4 gas monitor (with battery charger)

Gas	Low Alarm	High Alarm
O2	19.5%	23.5%
CO	35 ppm	70 ppm
H2S	10 ppm	20 ppm
LEL (Calibrated to Pentane)	10%	20%

- TIF Combustible Gas Detector (Visual and Audible indicators, variable sensitivity as low as 5ppm (gasoline), 30 second warm up time, instantaneous response-time, Approx. 4 hour run-time battery life, 15" probe, 16 oz weight, operating temp range 32-125 degrees F, 4.8v rechargeable NI-Cad batteries)
- Orange Med Kit
 - Airway Bag
 - AED
 - Intubation Kit
 - Pub Ed kit
 - Backboard
 - C-Collar
 - X1 AC Hotstick (3 settings: high/low sensitivity & front focused. AC Frequencies of 20 – 100 Hz, Intrinsically safe PVC housing theoretically able to withstand a 50,000 volt shock)
 - Spare O2 Bottle
 - N-95 Respirators
 - Radiac Plus

Squirt Specs

Aerial General:

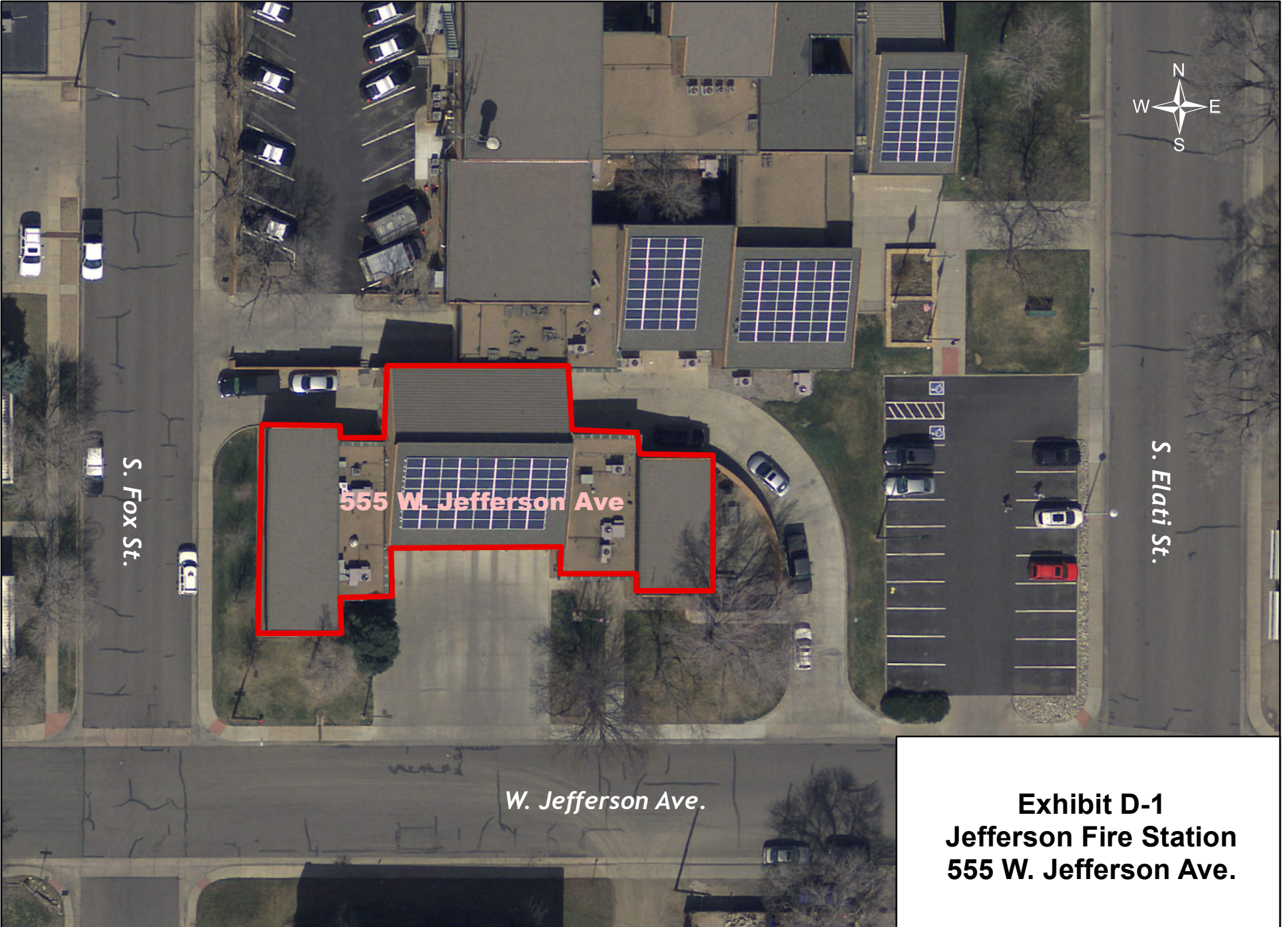
- Vertical Reach 65' @ 75 degrees (recommended) capable of 85 degrees
- Horizontal 60' up to -9 degrees below grade
- Rotation 360 degrees continuous, Shear ball bearing 33" turn-table
- Weight capacity 500 lbs at above 45 degrees, 250 lbs at below 45 degrees

Nozzle General:

- Flow capacity 300 to 1000 GPM @ 85 to 100psi
- Vertical travel 200 degrees
- Horizontal travel 180 degrees

Hose:

- 800' of 5" supply line
- 1200' of 2.5" accordion loaded
- 200' of 2.5" triple load with 2.5" fog nozzle 50-350gpm at 100 psi
- 200' of 1.75" cross-lay 1 foam capable
- 200' of 1.75" cross-lay 2
- 100' bumper line foam capable



**Exhibit D-1
Jefferson Fire Station
555 W. Jefferson Ave.**



W JEFFERSON AVE

S ELATI ST

**Jefferson Station
Parking Stall Count**

South - 20 [Fig 2] (2-Handicap)



1 inch = 25 feet

"The accuracy of the data within this map is not to be taken/used as data produced by a Registered Professional Land Surveyor or for the State of Colorado. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on the ground survey and represents only the approximate relative location of property boundaries."



**4830 S.
Acoma St.**

**Exhibit D-3
Acoma Fire Station
4830 S. Acoma St.**



South
11

**Acoma Station
Parking Stall Count**

South - 11



1 inch = 25 feet

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EXHIBIT E
ENGLEWOOD PAYMENTS TO DENVER 2015 – 2035

Starting Yr/Mo	Ending Yr/Mo	Monthly Amount	Annualized	Starting & Annual \$ increase	Annual % Increase
Jun-15	Dec-15	\$441,667	\$3,091,667	\$5,300,000	2%
Jan-16	Dec-16	\$ 450,500	\$5,406,000	\$106,000	3%
Jan-17	Dec-17	\$ 464,015	\$5,568,180	\$162,180	3%
Jan-18	Dec-18	\$ 477,935	\$5,735,225	\$167,045	3%
Jan-19	Dec-19	\$ 492,274	\$5,907,282	\$172,057	3%
Jan-20	Dec-20	\$ 507,042	\$6,084,501	\$177,218	3%
Jan-21	Dec-21	\$ 522,253	\$6,267,036	\$182,535	3%
Jan-22	Dec-22	\$ 537,921	\$6,455,047	\$188,011	3%
Jan-23	Dec-23	\$ 554,058	\$6,648,698	\$193,651	3%
Jan-24	Dec-24	\$ 570,680	\$6,848,159	\$199,461	3%
Jan-25	Dec-25	\$ 587,800	\$7,053,604	\$205,445	3%
Jan-26	Dec-26	\$ 605,434	\$7,265,212	\$211,608	3%
Jan-27	Dec-27	\$ 623,597	\$7,483,168	\$217,956	3%
Jan-28	Dec-28	\$ 642,305	\$7,707,663	\$224,495	3%
Jan-29	Dec-29	\$ 661,574	\$7,938,893	\$231,230	3%
Jan-30	Dec-30	\$ 681,422	\$8,177,060	\$238,167	3%
Jan-31	Dec-31	\$ 701,864	\$8,422,372	\$245,312	3%
Jan-32	Dec-32	\$ 722,920	\$8,675,043	\$252,671	3%
Jan-33	Dec-33	\$ 744,608	\$8,935,294	\$260,251	3%
Jan-34	Dec-34	\$ 766,946	\$9,203,353	\$268,059	3%
Jan-35	Dec-35	\$ 789,954	\$9,479,454	\$276,101	3%