Alameda County Fire Department
Truck Company Operations Task Book
Orientation and Skills

Name_____ ***Badge / Emp.#_____***

Date Started_____ ***Date Completed_____***

Truck Company Operations	***Date***	***Approved Officers Initial***
OAGs		
32.011-Structure Fire Primary Objectives		
32.012-Truck Company Operations		
57.101-Incident Command Systems (Refer to SOG)		
70.001-Life Rated Rope/Rescue Equipment		
32.001-Confined Space Rescue		
30.005-"Lock Out" Response		
32.008-Carbon Monoxide Detector Response		
32.009-Sprinkler Head Replacement		
32.013-Wires Down		
35.000-Disaster Operations Guide (DOG)		
38.002-Use of High Visibility Safety Vest		
50.008-Standard Company Evolutions		
50.009-Station Training Guide		
70.004-Ground Ladder Maintenance and Repair		
82.004-Rope Log Form		
82.027-Ground Ladder Maintenance Log		
SOGs	***Date***	***Approved Officers Initials***
Ladders		
52.101-24’ Extension Ladder – 2 Person Beam		
52.102-35’ Extension Ladder – 2 Person Off Truck		
52.103-35’ Extension Ladder – 3 Person Off Truck		
52.104-Footing the Ladder		
52.105-Ladder Removal – 1 Person High Shoulder		
52.106-Ladder Removal – 1 Person Low Shoulder		
52.107-Single Ladder Flat Raise – 1 Person		
52.108-Single Ladder Flat Raise – 2 Person		
52.109-Single Ladder Beam – 2 Person		
Search		
52.202-Extending Search		
52.203-Search Rope		
52.204-Standard Search		
52.205-Thermal Imaging Camera		
Large Area Search (TBD)		
Residential Search (TBD)		
VES (TBD)		

52.206-Targeted Search		
Power Tools		
52.401-Carrying a Running Chainsaw		
52.402-Chainsaw Maintenance		
52.403-Starting Chainsaw Procedures		
52.404-Circular Saw		
52.405-Chainsaw Strap		
Forcible Entry		
52.501-Attacking the Hinges		
52.502-Controlling the Door		
52.503-Inward Opening Door – 1 Person Method		
52.504-Inward Opening Door – 2 Person Method		
52.505-Outward Opening Door – 2 Person Method		
52.507-Roll-Up Doors		
52.508-Security Bars		
52.509-Security Gates and Doors		
52.510-Irons, Tools, Door Concepts		
Ventilation		
53.301-Low Angle Ventilation SFD		
53.302-Peaked Roof Ventilation SFD		
Rescue		
54.101-Vehicle Lockout		
54.102-Stokes Basket		
54.103-Airbags		
54.104-Rescue Extrication Tools		
Incident Command System		
57.101-Incident Command System (ICS)		
Building Construction	***Date***	***Approved Officers Initials***
Discuss size ups for Truck Co.		
Discuss Construction Styles-Conventional Vs. Lightweight		
Discuss the 6 Different Roof Types		
Describe Flat Roof Construction		
Describe the Signs of Roof and Building Collapse		
Describe the Different Types of Roofing Materials		
Discuss the Building Construction Types Found in Your District		
Truck Company Placement and Operations	***Date***	***Approved Officers Initials***
Demonstrate Truck Placement at Residential and Commercial Structure Fires		
Explain Truck Placement at Traffic Accidents		
Demonstrate the Placement of the Aerial Ladder on Commercial Buildings		
Demonstrate the Placement of the Aerial Ladder on Multistory Buildings		
Hand Tools	***Date***	***Approved Officers Initials***

Explain the Anatomy and Use of the Irons		
Discuss the use of Roof Rakes		
Discuss the use of Pike Poles		
Demonstrate the use of Bolt Cutters		
Discuss the use of the Lock Out Kit		
Demonstrate using the Come Along		
Identify all Hand Tools on Truck Companies		
Powered Tools	***Date***	***Approved Officers Initials***
Explain the Anatomy of the Chainsaws used in the ACFD		
Demonstrate the use of a Chainsaw		
Explain the Anatomy of the Circular saws used in the ACFD		
Identify the Different Blades used in the ACFD		
Demonstrate the use of a Circular Saw		
Demonstrate the use of a Sawzall		
Demonstrate the uses of the TIC		
Demonstrate the use of the Airbags		
Demonstrate the use of the PPV Fans (Gas & Electrical)		
Demonstrate the use of the Generators (Fixed and Portable)		
Demonstrate Setting up Lighting		
Demonstrate the use of the Sump Pump and Water Vac.		
Ground Ladders	***Date***	***Approved Officers Initials***
Describe the Anatomy of the Ladders used in the ACFD		
Describe the Repair and Maintenance of Ground Ladders		
Demonstrate Sizing Up a Building for Correct Ground Ladder Selection		
Demonstrate Positioning a Ground Ladder for Rescue and Victim Removal		
Demonstrate Positioning a Ground Ladder for Ventilation		
Describe the Use and Placement of Safety Ladders		
Demonstrate the Deployment of all Ground Ladders per ACFD SOGs		
Discuss Overhead Obstructions when Deploying Ground Ladders		
Ventilation	***Date***	***Approved Officers Initials***
Demonstrate Residential Vertical Ventilation		
Demonstrate Commercial Vertical Ventilation		
Demonstrate Peaked Roof Vertical Ventilation		
Discuss Ventilation of a Multistory Building		
Demonstrate Ventilation of a Center-Hallway Building		
Discuss Ventilation of a High Rise Building		
Describe Stratification and Mushrooming in High Rise Buildings		
Demonstrate Pressurizing a Stairwell		
Describe Ventilation of Basements		
Discuss Ventilation of "Cold Smoke"		
Demonstrate Horizontal Ventilation-Positive Pressure/Negative Pressure/Natural		

Discuss the Use of Vertical Ventilation with Backdraft and Flashover Potential		
Describe Tools needed for Commercial and Residential Buildings		
Discuss & Demonstrate Sounding Roofs		
Discuss using Natural Construction Features for Ventilation		
Demonstrate Inspections Cuts-Proper Size & Location on Residential & Commercial Roofs		
Demonstrate the Pull Back Method for Ventilation		
Demonstrate the Louver Cut		
Demonstrate the Drop Cut on Commercial Roofs		
Demonstrate a Strip Vent		
Search	***Date***	***Approved Officers Initials***
Discuss Search Options for Different Occupancies		
Demonstrate a Residential Search		
Demonstrate Searching a Multistory Building		
Demonstrate a Large Area Search		
Demonstrate the Use of a TIC during Search		
Demonstrate Vent Enter Search		
Demonstrate Searching off a Rope		
Demonstrate Marking Doors During a Search		
Rescue	***Date***	***Approved Officers Initials***
Demonstrate the Victim Carries & Drags		
Demonstrate Removing a Conscious Pt. Down a Ground Ladder		
Demonstrate Removing an Unconscious Pt. Down a Ground Ladder		
Demonstrate Removing a Pt. Down an Aerial Ladder (Conscious & Unconscious)		
Rapid Intervention Crew	***Date***	***Approved Officers Initials***
Describe all the components of the ACFD RIC Bag		
Forcible Entry		
Explain Sizing Up Doors and Windows		
Demonstrate Forcible Entry of Inward Swinging Doors		
Demonstrate Forcible Entry of Outward Swinging Doors		
Demonstrate Forcible Entry of Roll Up Doors		
Demonstrate Forcible Entry of Security Bars for Doors & Windows		
Demonstrate Forcible Entry of Padlocks		
Describe Forcible Entry of Security Gates and Doors	***Date***	***Approved Officers Initials***
Describe all the Tools used for Forcible Entry		
Salvage/Overhaul		
Salvage		
Discuss the Importance of Salvage		
Identify All the Equipment Needed for Salvage Operations		

Demonstrate How to Plug a Sprinkler Head		
Demonstrate How to Use a Sump Pump & Water Vac.		
Demonstrate how to Make a Smoke Curtain		
Demonstrate how to Create a Dike	***Date***	***Approved Officers Initials***
Demonstrate how to Create a Catch Basin		
Demonstrate how to Create a Water Chute Using Ladders		
Demonstrate how to Splice Salvage Covers		
Discuss the Use of Floor Runners		
Demonstrate How to Deploy & Remove Salvage Covers		
Demonstrate How to Cover Roof Openings Using Plastic Sheeting and Salvage Covers		
Demonstrate How to Repair Salvage Covers		
Overhaul		
Discuss the Importance of Overhaul		
Identify All Tools Used for Overhaul		
Discuss How to Search for & Extinguish Hidden Fires		
Discuss Extension into Open Fascias		
Discuss the Use of Wet-Water During Overhaul		
Discuss Removing Moldings Around Doors, Windows & Walls		
Discuss The Use of a Fire Watch After a Fire		
Utilities	***Date***	***Approved Officers Initials***
Electrical		
Discuss the Importance of Eliminating Electrical Utilities at Incidents		
Demonstrate Lock Out Tag Out		
Discuss Firefighter Safety Around Electricity		
Demonstrate How to Find & Shut Off Electrical Utilities		
Demonstrate How to Isolate Electrical Utilities in Large Complexes		
Discuss the Anatomy of Utility Poles		
Discuss "Wires Down" Emergencies		
Discuss Weatherheads & Meters		
Gas		
Discuss the Importance of Eliminating Gas Utilities at Incidents		
Discuss Firefighter Safety Around Gas		
Discuss the Properties of Natural Gas		
Discuss the Anatomy of Gas Meters		
Demonstrate How to Find & Shut Off Gas Utilities		
Demonstrate How to Isolate Gas Utilities in Large Complexes		
Discuss the Tactics for Gas Leaks Inside		
Discuss the Tactics for Gas Leaks Outside		
Water		
Demonstrate How to Find the Shut Offs for Water Utilities		
Demonstrate How to Shut Off Residential Water Service		
Demonstrate How to Shut Off Water Main Service		

Demonstrate How to Shut Off Water to Fire Protection Systems		
Demonstrate How to Isolate Water Utilities in Large Complexes		
Identify the Tools Needed to Shut Off Water Utilities		
Vehicle Extrication	***Date***	***Approved Officers Initials***
Describe Size Up Procedures including Inner and Outer Surveys		
Describe the Basic Anatomy of a Vehicle		
Discuss the Anatomy of New Technology Vehicles (Hybrid/Electric)		
Demonstrate & Discuss "Peel and Peek"		
Demonstrate Vehicle Stabilization		
Demonstrate the use of the Hydraulic Extrication Tools (Hurst/Amkus)		
Demonstrate how to Remove the Roof of a Vehicle		
Demonstrate how to Roll a Dash		
Demonstrate the Use of Hand Tools to Create Purchase Points		
Describe the Dangers to FFs during Vehicle Extrication		
Demonstrate the use of the Vehicle "Lock Out" Kit		
Rescue Systems 1/L.A.R.R.O	***Date***	***Approved Officers Initials***
Rescue Knots and Hitches		
Demonstrate How to Tie a Figure Eight Stopper		
Demonstrate How to Tie a Figure Eight on a Bight		
Demonstrate How to Tie an Overhand Knot		
Demonstrate How to Tie an Overhand Bend		
Demonstrate How to Tie a Figure Eight Follow Through		
Demonstrate How to Tie a Figure Eight Bend		
Demonstrate How to Form a Clove Hitch		
Anchor Systems		
Demonstrate How to Form a Single & Double Loop Girth Hitch (Lark's Foot)		
Demonstrate How to Form a Single & Multi-Loop Anchor Sling		
Demonstrate the Use of a Cable Anchor		
Demonstrate How to Form a Wrap Three Pull Two Anchor Sling		
Demonstrate How to Construct a Two-point & Three-point Self-adjusting Anchor System		
Rescuer and Ambulatory Victim Packaging		
Demonstrate How to Don a Class II Harness		
Demonstrate How to Package a Victim in a Commercial Victim Harness		

Demonstrate How to Package a Victim in a Hasty Pelvic Harness		
Rescue Litters and Victim Packaging		
Demonstrate How to Secure a Victim to a Rescue Litter		
System Attachments and Fall Restraint		
Demonstrate How to Attach a Rescuer to a Rope Rescue System		
Demonstrate How to Attach an Ambulatory Victim to a Rope Rescue System		
Demonstrate How to Attach a Rescue Litter to a Rope Rescue System		
Demonstrate How to Attach a Litter to a Rope Rescue System with Three & Four Rescuers		
Demonstrate How to Attach a Rescuer to a Fall Restraint System		
3 Main Components of a Rope Rescue System		
Demonstrate How to Construct a Belay/Safety Component		
Demonstrate How to Construct a Main Line Component (RPM)		
Demonstrate How to Construct a Mechanical Advantage Component		
Belay/Safety Line Systems		
Demonstrate How to Operate a Belay/Safety Line for Lowering Operations (Basic Configuration)		
Demonstrate How to Operate a Belay/Safety Line for Retrieving Operations (Basic Configuration)		
Descending and Ascending Techniques		
Demonstrate How to Reeve a Brake Bar Rack		
Demonstrate How to Rappel and Lock-off Using a Figure Eight Descender		
Demonstrate Lowering Rescuer with Bar Rack		
Lower/Raise (Mechanical Advantage) Systems		
Demonstrate How to Convert a Lowering System to a Raising System with a 3:1 Inline & a 5:1 Inline- RPM		
Demonstrate How to Operate a Lowering System		
Demonstrate How to Convert a Lowering System to a Raising System with a 3:1 or 5:1 Inline with Directional Pulley		
Load-Releasing Methods		

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Demonstrate How to Operate a Commercial LRD		
High Pick Point		
Demonstrate using the Aerial Ladder as a High Pick Point		
Demonstrate How to Tie & Attach a Hasty Harness		
Ladder Rescue Systems		
Demonstrate How to Construct and Operate a Ladder Slide		
Demonstrate How to Construct & Attach Slings to a Ladder		
Demonstrate How to Rig a Rescue Litter for Raising or Lowering in a Horizontal Position		
Demonstrate How to Construct & Operate an Interior Leaning Ladder Using the Ladder as Friction		
Demonstrate How to Sling a Spar & Operate as a Lowering System		
Heavy Objects		
Discuss Levers, Cribbing, Wedges & Rollers		
Demonstrate How to Construct Crib Beds		
Demonstrate How to Raise & Lower a Heavy Objects Using Pry Bars		
Demonstrate How to Use Rollers & Pry Bars to Move a Heavy Object		
Demonstrate How to Raise, Stabilize, Move & Lower a Single Heavy Object		
Breaking & Breaching		
Discuss how to Breach Plywood & Wood Frame Construction Materials		
Discuss how to Breach Drywall, Stucco Lath & Wood Frame Construction Materials		
Discuss how to Breach Light Weight Concrete Construction Materials		
Rescue Scene Organization and Management		
Discuss Command and Control in Rope Rescue Operations		
Explain Rope Rescue Position Descriptions		
Elevator Emergencies		
Discuss the Basic Anatomy of an Elevator Car		
Discuss Electric vs. Hydraulic Elevators		
Demonstrate How to Recall an Elevator (*Firefighter's Key* Use)		
Discus how to Lock Out/Tag Out Elevator Controls		
Discuss When to Force Entry into Elevators		
Heavy Rescue 24	***Date***	***Approved Officers Initials***
Discuss Overlapping Capabilities/Responsibilities of Truck Companies and Heavy Rescue 24.		
Meet with R24 & Perform a Rescue Evolution Using both Truck & Rescue Personnel (TBD by TRK & RSQ Officers)		
Interview With Battalion Chief	***Date***	***Approved Officers Initials***
Meeting to Discuss BC Expectations for a Truck Company		

BC Signature:_____ Captains Signature_____

Date	*Approved Officers Initials*