

Agenda
Fire Operations Committee
June 15, 2016
DTCI Large Conference Room
801 Sycolin Road, First Floor
1900 Hours

1. Call to order
2. Roll Call
3. Approve May Meeting Minutes
4. Chairman's Report
5. LCFR Department Report (Nally)
 - a. NOVA Manuals
 - b. Significant Incident Review
6. LCFR Training Report (Brazier)
7. Sub-committee Reports
 - a. Equipment Standards Committee (Stephens)
 - b. Communications Committee (Quijano)
 - c. Health and Safety Committee (Quijano)
 - d. Training Committee (Fazekas)
 - e. Dispatch Algorithm Committee (Stephens)
8. IAFF (Mader)
9. Old Business
 - a. Rules of Order
 - b. Social Media Draft SWP (Revisions pending)
 - c. Use of Personal Electronic Devices Draft SWP (Revisions pending)
10. New Business
 - a. Ballistic Vests SWP (Action needed)
 - b. After the Fire Brochures (Contact Chief Hale, if needed)
11. Committee Delegate Comments
12. Announcements
 - a. Next Fire Operations Committee Meeting: July 20, 2016
 - b. Next Executive Committee Meeting: June 28, 2016



Loudoun County Fire & Rescue

TRAINING DIVISION

16600 Courage Court, Leesburg, VA 20175
Phone 703-737-8400 Fax 703-777-0235



FIRE OPERATIONS COMMITTEE REPORT

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May 8 thru June 9, 2016

2016-1 Firefighter I & II

- The Spring 2016 Firefighter I & II Certification Class began on March 5, 2016, with 28 students.
- Currently, 25 students remain in class. One has dropped due to injuries, and two have now dropped due to family/work obligations.
- Students are studying vehicle extrication, scene size-up, search and rescue, forcible entry, fire attack and suppression, ladders, ropes and knots, and ventilation.
- All students were successful at the completion of their Module II testing on May 21, 2016.
- Fire Behavior and Flashover training will be conducted on June 11, 2016.
- Live Fire Burn #1 is scheduled for June 25, 2016.
- Lt. Michael Smith is the Course Coordinator and Lead Instructor. He can be reached at robert.m.smith@loudoun.gov
- Lt. Boyd Morris is the Co-Course Coordinator and also a Lead Instructor. He can be reached at boyd.morris@loudoun.gov

Monroe Tech.

- MTC Fire and EMS Classes resumed on August 31, 2015.
- The **Fire Fighter Certification Program:**
 - There are 9 students enrolled and all are eligible for certification in this class.
 - All students were successful in their written and practical exams at the completion of their State FF I testing held on May 27th. FF II State testing was held on June 7th. Results are pending.
 - MTC's Fire I & II students are scheduled to attend the Mayday! Firefighter Down! class with Class 16-1 during the summer which will begin on August 1, 2016.
 - *Due to a change in MTC FF I & II curriculum which is mandated by the Virginia Department of Education, stations will see the return of the skills sign off books that will need to be signed off as each student completes skills training while at their stations. Originally, the MTC FF I & II curriculum consisted of 360 hours to complete certification (to include EMR and HMO). The Va. Dept. of Ed. has increased that hourly requirement to 560 for students to earn certified high school credits. Since there aren't enough hours in the school year to reach this 560 hour objective (unless we removed the EMR program), skills books that can be signed off at the station level will qualify as time in training toward the 560 hour requirement for each student. At the end of the school year, these skills books that have been signed off at the stations will be used as verification to the Dept. of Ed. that student training hours were completed.

-The EMT Certification Program:

- There are currently 8 students who continue with this program, of which 7 are eligible for certification.
- The Module 5 (County Final) written exam was administered on May 20, and the practical's were administered on May 24, 2016. All 7 eligible students were successful in this testing session.
- Final State testing is scheduled for June 22, 2016 at the Monroe Tech School Building at their Pierson-Vue Testing Center.

- Program Information:

-Both classes have ended for the summer---Graduation was held on June 8! Congratulations to the MTC students for honoring the program with another successful year!

-Current applications submitted and approved so far equal 20 for the EMT program, and 11 for the fire program. Students are working on affiliation and physicals to qualify for the program.

*Ms. Sokol will be sending out a reminder letter to each fire chief that is sponsoring an MTC student for the 2016/2017 school year. This letter will be sent during the first week of August asking for verification of affiliation of the students who have registered for the class. As you know, affiliation is the key to staying enrolled in the MTC program. Sandy also sends heartfelt thanks to the stations for supporting the students and the program over the last school year!

-LCPS Instructor Sandy Sokol is MTC's Course Coordinator and Lead Instructor. She can be reached at sandra.sokol@lcps.org

Ongoing/Completed/Cancelled Courses

-FF I & II Basic Certification School-Class 16-1-Ongoing

-LCFR Swift Water Rescue-Technician-Ongoing

-VD FP HTR-Rope Rescue-Level I-Ongoing

-NFPA 1021-Fire Officer-Level III-Completed

-VD FP Fire Officer II (Hybrid)-Purcellville VFC-Completed

-NFPA 472-Hazardous Materials Operations-May 2016 Class-Completed

-Effective Meeting and Presentation Skills-FMO-Lisa Braun-Completed

-NFA-Leadership II-**Cancelled-Low Enrollment**

Classes Being Offered

| | |
|---|---|
| Fire Behavior/Flashover Recognition | Ongoing-Contact BC Gottholm bernard.gottholm@loudoun.gov |
| NFA-Decision Making for Initial Company Operations (DMICO) | June 14-15, 2016 Regis. closes June 6, 2016 |
| VD FP-EVOC I, II, & III Hamilton Stations 605/617 | June 18-19, 2016 http://bit.ly/1QJNjUD |
| EVOC Train the Trainer Update Class Registration is thru the VD FP Website: www.vafire.com | June 22, 2016 Regis. closes June 20, 2016 |
| NFPA 1021-Fire Officer-Level III Purcellville VFC | June 25-August 27, 2016 Regis. thru VD FP Website |

| | |
|---|---|
| NFPA 472-Hazardous Materials Operations-July Class | July 6-30, 2016 Regis. closes June 24, 2016 |
| NFPA 1002-Driver/Operator-Pumper | July 9-August 6, 2016 Regis. closes July 1, 2016 |
| VDFP Heavy Technical Rescue-Vehicle Rescue-Level I | July 23-24, 2016 Regis. closes July 8, 2016 |
| VDFP Heavy Technical Rescue-Introduction to Technical Rescue-Module II (Weekday Class) | August 8-10, 2016 Regis. closes July 29, 2016 |
| Communicating with Your Community FMO-Lisa Braun | August 27, 2016 Regis. closes August 16, 2016 |

Training Center MISC:

****Sexual Harassment Prevention for Supervisors/Officers**—To register for this class, please provide your name, station #, email address, rank/title, and a brief statement requesting this course in an email to katie.clark@loudoun.gov. You will receive instructions from Katie as to how to access this online course.

*****Check the VDFP Website (www.vafire.com) for current information and a listing of classes being offered in other jurisdictions such as: No Classes to report during this period.**

-**Fire Officer IV**-July 23-August 15, 2016-Fairfax County Fire Training Academy-Register thru VDFP.....

Upcoming Events from Around the State

-Structural Collapse Technician Course

Virginia Beach

October 15-22 2016

The 19th Annual Virginia Fallen Firefighters and Emergency Medical Services Memorial Service will be held on Saturday, June 4, 2016 at the Richmond International Raceway Complex's Main Exhibition Hall.

Questions! Please contact:

Scott Brazier, Captain
Office-703-737-8872
scott.brazier@loudoun.gov

LCCFRS – Training Committee
Meeting Minutes June 2016

Meeting convened June 7th at 1900

Attendees

| | | | |
|---------------------------------------|---------|--|---------|
| Committee Chair | | LCFREM – Field Reps | |
| Bernard Gottholm | Present | Troy Gittings | Present |
| | | Marc Nicholson | Excused |
| | | | |
| Fire Operations Committee Reps | | LCFREM – Training Division Reps | |
| Jim Fazekas – Co 1/20 | Present | Scott Brazier | Present |
| Scott Radcliffe – Co 2 | Present | Bill Toon | Present |
| | | | |
| EMS Operations Committee Reps | | Guests | |
| Cheryl Aycock – Co 4 | Present | Michelle Beatty | Present |
| Tony Mino – Co 13 | Present | Scott Maple | Present |

Meeting minutes approved for

Agenda

- New Business
 - Discussion of the SWP Fire and EMS Training Enrollment and Waiting Lists
 - Three polices submitted the committee voted on which one they wanted to move forward with.
 - Percentage Method won by majority
- Went through the percentage Method SWP and had lengthy discussions.

Training – Scott Brazier

- No Report

Fire OPS – Jim Fazekas and Scott Radcliffe

- No Report

EMS OPS – Cheryl Aycock and Tony Mino

- No Report

LCFR Field –

- No Report

Old Business


-

New Business

- No Report

Meeting adjourned at 2100

Next meeting Tuesday July 5, 2016

| | |
|---|---|
|  | LOUDOUN COUNTY COMBINED FIRE AND RESCUE SYSTEM SYSTEM-WIDE PROCEDURE (SWP) |
| TITLE | Ballistic Body Armor |
| SECTION | Buildings, Equipment, Vehicles, and Supplies |
| SWP# | 304.1 |
| ISSUED | Xx/xx/16 |
| REVISED | |
| APPROVED | System Chief _____ W. Keith Brower, Jr. |

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PURPOSE

To identify procedures for using ballistic body armor. The System's new ballistic body armor is threat-level Type III-A, as defined by the National Institute of Justice (NIJ). The NIJ establishes minimum performance standards for body armor and administers a program to test armor for compliance. Type III-A ballistic panels provides ballistic penetration protection for most standard handgun and shotgun ammunition. This body armor is the same level of protection issued by the Leesburg Police and Loudoun County Sheriff's Office.

SCOPE

This policy applies to all Members of the Loudoun County Combined Fire and Rescue System (LC-CFRS), **except Fire Marshals who are certified law enforcement officers.**

DEFINITIONS

Member – Any individual who has been duly affiliated with any firefighting or EMS organization recognized by the Board of Supervisors under Chapter 258 of the Codified Ordinances of Loudoun County, including the Department of Fire, Rescue and Emergency Management.

Warm Zone (also known as the area of indirect threat) – Areas that LE has either cleared or isolated the threat where there is minimal or mitigated risk. This area can be considered clear but not secure. This is where the RTF will deploy, with security, to treat patients.

POLICY

1. Two sets of ballistic body armor will be assigned to the EMS Supervisor's vehicle (EMS 601) and to the Safety Officer's vehicle (Safety 600).

2. One set will be assigned to each Battalion Chief's vehicle (BC 601, 602, 603).
3. One set will be assigned to the following stations to be carried on their **first out fire suppression apparatus**: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 18, 19, 20, 22, 23, 24, and 26.
4. Body armor will be used when personnel are deployed into a Warm Zone, as described in System-Wide Procedure 501.1 *Active Threat Incidents and Use of Rescue Task Force* and/or any time the unit officer or incident commander deems necessary.
5. Currently, the Police/Fire Joint Event Action Guide defines the minimum number of Rescue Task Force (RTF) personnel as two; one officer and one provider, due to the limited availability of ballistic body armor. Personnel are encouraged to proactively don the body armor when units are staged awaiting police to determine the scene/zone status of active threat incident.
6. Body armor shall not be altered or its contents changed. Inspection and accountability for the body armor shall be documented daily on the station apparatus check sheets. Missing or damaged vests are to be reported immediate through the chain-of-command to the Special Operations Battalion Chief.

PROCEDURE

I. GENERAL

- A. The ballistic body armor shown in Figure 1 is made by Velocity Systems and consists of a carrier, soft carry bag, ballistic panels (soft armor), accessories and other Tactical Emergency Casualty Care (TECC) supplies. The vest, with its panels, accessories, and supplies weighs approximate eight pounds.
- B. The carrier, as shown in Figure 2 and 3, is a vest-like garment that contains interior inserts for ballistic panels, with shoulder and waist adjustment points. These vests use the Modular Lightweight Load-Carrying Equipment (MOLLE) system which allows attachment of various MOLLE-compatible pouches and accessories. The carrier has high-visibility striping and identifiers. The carrier itself provides no ballistic protection.
- C. The carry bag is a large light-weight nylon bag and is used to protect the vest while in storage. The carry bag (with vest) shall be stored in a flat position and in an area free from abrasion, sun, and moisture.



Figure 1



Figure 2



Figure 3

D. The ballistic panels, as shown in Figure 4, provide protection for the front, back and sides of the wearer. Also known as “soft armor” due to its ability to shape and mold around the body; these ballistic panels are constructed of Kevlar Laminate, and can be easily removed for cleaning. The front and back ballistic panels are designed for a specific location which is marked on the panel; the side ballistic panels are interchangeable.



Figure 4

II. DONNING THE LEVEL III-A BALLISTIC BODY ARMOR

Step 1: Remove excess/bulky clothing. Using a technique similar to the Over-the Head SCBA application, lower the carrier down over the head and onto the shoulders.



Figure 5

Step 2: Ensure top of the carrier is positioned one inch below the clavicle notch, or the indentation in the center of the neck, as shown in Figure 5.

Step 3: There are Velcro adjustments on the shoulder that can be adjusted to raise or lower the carrier to achieve proper fit.

Step 4: Grasp the front carrier cover (under the pouch) and lift upward separating the Velcro. Hold the carrier cover toward the chest as you stretch and attach a side panel to the front of the carrier, as shown in Figure 6.

Step 5: Switch hands, stretch and attach the opposite side panel to the front of the carrier, as shown in Figure 7. The wearer should ensure the side panels are even with the bottom border of the front of the carrier and not too tight so the wearer is able to inhale and exhale forcefully.

Step 6: Lower the carrier cover to secure the sides to the front of the carrier, as shown in Figure 8.



Figure 6



Figure 7



Figure 8

III. CARRIER TECC SUPPLIES

- 2 Tourniquets

- 2 Compression Dressings
- 2 - 4" Ace Wrap
- 2 Celox Rapid Z-Fold Gauze
- 1 H&H Compressed Gauze or Kling
- 2 Chest Seals
- 1 Chest Decompression Needle
- Trauma Shears
- 1 roll Duct Tape
- *Additional supplies may be added as funding becomes available.*

IV. PERSONNEL ENTERING THE WARM ZONE SHALL ALSO CARRY:

- A. Portable Radio with shoulder strap
- B. Flashlight
- C. Knox Box keys (if available)
- D. Maps (if available)

V. CLEANING THE LEVEL III-A BODY ARMOR

Body armor may become soiled due to perspiration and possibly bloodborne pathogens. The body armor shall be cleaned using the following guidelines:

A. CARRIER CLEANING

1. Lay carrier flat and remove all ballistic panels and supplies. Use micro wipes, a damp cloth or sponge with mild antimicrobial soap or mild laundry detergent. Wipe off excess soap with clean water and a damp sponge, wipe dry. Do not hang or line dry and do not dry in the sun. Allow to air dry.
2. For heavier contamination the carrier can be cleaned with a soft bristle brush with mild laundry detergent and running water.
3. Any carrier that sustains significant (heavy or gross) soiling (blood or body fluid contamination) will be placed out of service for specialized cleaning. If available, a replacement can be obtained from EMS supervisor or the Safety Officer. TECC supplies and accessories bag should be removed and salvaged if possible. Personnel may consult with the on-duty Designated Infection Control Officer for further direction(s).

B. BALLISTIC PANELS AND PLATE CLEANING

1. Remove panels and lay flat. Panels can simply be wiped with micro wipes or with a damp cloth or sponge with mild antimicrobial soap or mild laundry detergent. Wipe off excess soap with clean water and a damp sponge, wipe dry. Do not hang or line dry and do not

dry in the sun. Allow to air dry before inserting into carrier. Make sure the panels are reinserted properly with the product label facing the interior, toward the wearer.

2. **Do not power wash, machine wash or tumble dry any components of the body armor; do not use bleach and or any cleaning chemicals.**

VI. STORAGE



Figure 23



Figure 24

- A. Heat, moisture and ultraviolet light will cause body armor to degrade. **The carrier shall be stored dry, in its carry bag, with the panels flat. The side flaps and waistband should be released and laid flat.** All body armor components shall be kept together as shown in Figure 23 and Figure 24.
- B. Each vest and its carry bag have been labeled with a matching barcode number with the assigned station designator e.g. (FS606). The body armor and the TECC bag should be stored together in a flat position and in an area free from abrasion, sun, and moisture.



Figure 26

VII. Dos and Don'ts

- DO hydrate before and after wearing body armor vest ☐ DO follow label instructions for care and maintenance
- DO regularly inspect body armor vest for cuts, tears, and other damage
- DO store the carriers with the panels in a flat position

- DO NOT machine wash ballistic hold or panels
- DO NOT use bleach on body armor vest
- DO NOT hang or line dry body armor vest
- DO NOT place body armor vest in the sun to dry
- DO NOT store body armor vest while it is wet or soiled
- DO NOT pressure-wash body armor
- DO NOT wear body armor vest near bodies of water or moving water
- DO NOT remove the Fire Department identifiers
- DO NOT allow body armor vest to soak in standing water
- DO NOT dry clean body armor vest
- DO NOT attempt to make repairs to body armor vest
- DO NOT use deodorizing sprays, such as Febreze or Lysol
- DO NOT wear body armor vest over or under your structural PPE

The System is evaluating different types of head protection and may add as funding becomes available.

Should you have any questions please, contact Lieutenant John Rice at John.Rice@loudoun.gov

Approved for compliance with Emergency Medical Services delivery

John I. Morgan, M.D., LC-CFRS Operational Medical Director