

# Dunn Loring Volunteer Fire & Rescue Department

*Volunteer In Station Introductory Training  
(VISIT)*

*As of January 2013  
V7*



# Agenda



- I – Introduction
- II – Fairfax County Fire & Rescue Department
- III – Our Department
- IV – Training
- V – Station and Facility Orientation
- VI – Apparatus Orientation
  - Fire
  - EMS

# Agenda (continued)



- VII – Personal Protective Equipment
- VIII – Equipment
- IX – Riding Apparatus
- X – Review
- XI – Test



# Fairfax County VISIT

## Section I

*Introduction*

# I – Introduction



- Objectives
- Overview
- Requirements to Ride
- Level 1 Orientation Program

# I – VISIT Objectives



- To orient you to our fire department
- To understand your roles and responsibilities
  - As a member
  - As a first responder
- To familiarize you with apparatus and equipment
- To be able to perform basic supportive tasks

# I – VISIT Overview



- Includes overview of our organization, equipment, apparatus, facilities, policies and procedures
- Lecture and practical evolutions
- Completion requires written test and practical evaluation
- Complements Level 1A/B training provided at Fire & Rescue Academy

# I – Requirements to Ride/Observe

- VISIT
- Level 1A
- Physical scheduled
- HIPAA Privacy & Security Training
- Approval of Volunteer Chief



# I – Requirements prior to EMT

- VISIT
- Level 1
- Category A or B medical classification
- HIPAA Privacy & Security Training
- Incident Command System (ICS) Training
  - (100, 200, 700, 800)
- Approval of Volunteer Chief

# I – Level 1 Orientation Program

## ● Level 1A

- Personal Safety / Incident Command System (ICS)
- CPR
- HazMat Awareness

## ● Level 1B

- History, Organization and Terminology (HOT)
- Fire Extinguishers
- Communications
- Cultural Diversity

# I – Medical Physical Examination

- Conducted at the Fairfax County Occupational Health Center (OHC) – 4080 Chain Bridge Road, Fairfax, VA 22030
- Schedule appointment via VMS
- Requirement to Ride:
  - Medical classification Category A or B – is fully medically qualified for unrestricted participation in all fire department activities.
- Annual Update Required





# Fairfax County VISIT Section II

*Fairfax County Fire and Rescue Department*

# II – Fairfax County Fire & Rescue

- Overview
- Operations
- Rules and Policies
- Key County Staff
- Volunteer Organizations
- Volunteer Roles
- Benefits

# II – Overview



- Combination system
  - Career and volunteer
  - Volunteers supplement career staff
- 37 fire stations
  - Fire stations provide fire suppression and emergency medical services.
- 12 volunteer fire departments
- Over 1,300 career staff
- Fairfax City (2 fire stations)
- Northern Virginia Mutual Aid (400 series)

# II – Operations



- 3 career shifts – A, B, C
  - 24 hours at a time 0700 to 0700
- 7 battalions
  - Battalion Chief and EMS Supervisor
- Station and shift commanders
  - A Shift – Capt II Ronald Rodriguez (Station CMDR)
  - B Shift – Capt I Marcus Williams
  - C Shift – Capt I Bill Betz
- Chain of command
- Good working relationship

# II – Rules and Policies



- Standard Operating Procedures (SOPs)
- Standing Orders (SOs)
- General Orders (GOs)
- Informational Bulletins (IBs)
- Volunteer Policies and Procedures Manual



# II – Key County Staff



- Fire Chief
  - Ron Mastin
- Volunteer Liaison & Staff
  - Jeff Katz
  - Dana Powers
- Volunteer Training Coordinator
  - Allan Pearson
- Station Captain
  - Ronald Rodriguez (A-shift)

# II – Volunteer Organizations

- Fairfax County Volunteer Fire Commission
- Fairfax County Volunteer Fire and Rescue Association
  - <http://www.fcvfra.org>

# II – Volunteer Roles



- Suppression
- EMS
- Unit officers
- Command officers
- Training
- Fundraising
- Administration
- Public education
- Special operations

## II – Benefits



- Injury, disability and death insurance
- Comprehensive medical examinations (OHC)
- Additional benefits from VFDs, State and Federal Government
- Personal property tax exemption
- 10 free visits to county Recreation Centers per month

# Fire and Rescue Support Team (FiRST)

- Support program under sponsorship of Fire Chief
- Provides connection between family of member and the Fire and Rescue Department
- Network that enables members to obtain and utilize available resources and information in times of crisis
- “Taking care of our own” – career, volunteer, civilian
- Contacts:
  - 703-246-7401                      Hot line / office
  - 571-238-5160                      Liaison cell phone



# Fairfax County VISIT

## Section III

*Our Department*

# III – Our Department



- Station
- History
- Organization
- Fundraising
- Meetings
- Accountability
- Policies
- Communication

# III – Station

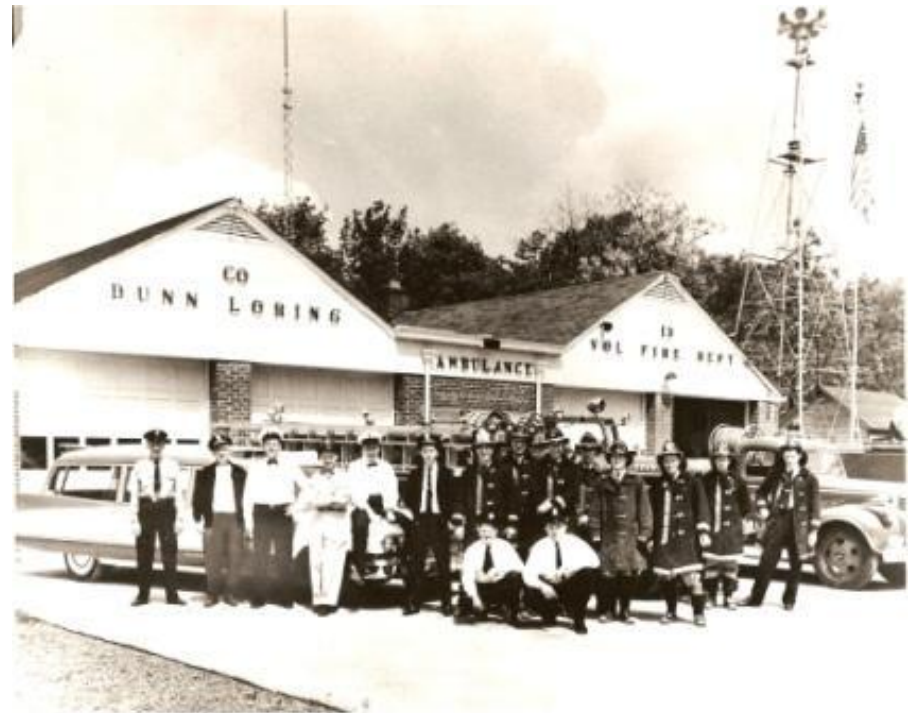
- 2148 Gallows Road  
Dunn Loring, VA 22027
- (703) 560-1539
- [www.dlvfrd.org](http://www.dlvfrd.org)
- 2<sup>nd</sup> Battalion





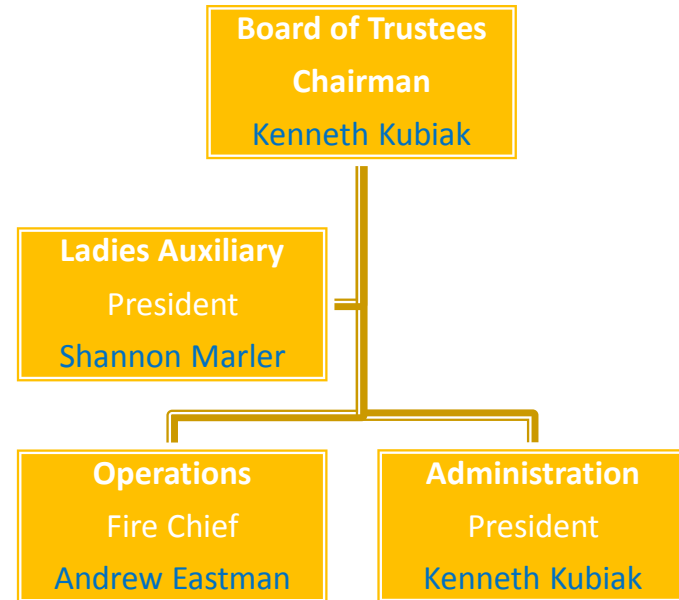
# III – History

- Founded 1942
- Sponsored by the Vienna VFD
- Chartered non-profit corporation



# III – Organization

- Board of Trustees
  - 11 elected members
  - Oversees department
- President
  - Oversees administration
- Chief
  - Oversees operations
- Ladies Auxiliary
  - Supports the fire department through fundraising



# III – Fundraising



- Key to success of our department
- Bingo
  - Every Wednesday and Saturday evening
- Fund drive
  - Letter mailed twice a year
- Hall rental

# III – Meetings



- Board meeting
  - First Monday of month at 7:30 pm (1930 hours)
- Membership meeting
  - Second Monday of month at 7:00 pm (1900 hours)
- Operations meeting and 30-minute drill
  - Follows immediately after the membership meeting
- Monthly drill
  - Fourth Monday of month at 7:00 pm (1900 hours)

# III – Communication



- Website
  - <http://www.dlvfrd.org>
- Volunteer Management System (VMS)
  - <http://vms.fcvfra.org>
- Email Distribution List
  - [co13@fcvfra.org](mailto:co13@fcvfra.org)

# III – Accountability



- Chain of command
- Hours
  - If you didn't log it, it didn't happen
  - Use VMS for reporting hours
- Injury/accident reporting
  - Must be immediate
  - Report to the OIC and Volunteer Chief
  - Must be documented in Station Log Book

# III – Policies



- Uniform and personal appearance
  - Uniform and Grooming policies
- Use of station facilities
- Minimum participation requirements
- Answering station telephones
  - Business line (emergency/non-emergency)
  - Fire phone
- If you see a problem, report it!



# Fairfax County VISIT Section IV

*Training*



# IV – Training



- VISIT
- Level 1
- EMT-B
- Emergency Vehicle Operator
- EMS Documentation
- Firefighter I/II
- Hydraulics
- Qualifications to Drive
- Instructor I/II/III
- Officer I/II/III
- Specialized Training
- Continuing Education

# IV – Academy

- 4600 West Ox Rd near Fair Oaks Mall
- Pre-registration required for all courses
- See the Volunteer Training Officer
- Be on time! Take notes! Practice!
- Proper attire
  - Uniforms/Business attire
- Importance of attendance rosters
- Self certification
- **Professionalism: You represent this department!**



# IV – Progression



## EMS

- VISIT and Level 1
- EMT-Basic
- EMS Documentation
- Emergency Vehicle Operations
- Driver Qualification Program
- EMT-Paramedic
- Instructor I/II/III
- Officer I/II/III

## Suppression

- VISIT and Level I
- EMT-Basic
- EMS Documentation
- Emergency Vehicle Operations
- Firefighter I/II
- Volunteer Firefighter  
Driver/Operator Course
- Instructor I/II/III
- Officer I/II/III

# IV – EMT-Basic



- Required of all operational members
- 154 hours of lecture and practical evolutions
- Tuesday & Thursday evenings, 7 – 10 pm
- Sunday mornings, 8 am – Noon with occasional all day sessions
- *5 hours in hospital/5 hours on ambulance*
- Certification test (written and practical)
- Recertification every four years
- Reciprocity available with other states

# IV – Emergency Vehicle Operator

- Required to drive an emergency vehicle during a response
- 16 hours of lecture and practical evolutions
- Evenings and weekends
- Valid driver's license required
- Further in station training required after passing course

# IV – Firefighter I/II



- Candidate Physical Abilities Test (CPAT) prerequisite
  - Training practice sessions: Wed evenings and Sat mornings
  - Physical fitness councilors available to structure a personal training program
- 300 hours of lecture and practical evolutions
- Evenings and weekends
- County certification test (written and practical)
- Physically demanding and time intensive
- NFPA 1001 Standards
- Required to obtain minimum staffing
  - EMT-B, FF I/II, and EVOC III, Station requirements

# IV – Firefighter Driver / Operator Course

- Required to be an engine driver/operator
- 28 hours of lecture and practical evolutions
- Evenings and weekends
- County certification test (written)
- Must have 6 months of minimum staffing

# IV – Qualifications to Drive



## EMS Unit

- EMT-Basic
- EVOC II
- Station “Behind the Wheel”
  - Non-emergency
  - Emergency
- Refer to Emergency Vehicle Operator Quals

## Suppression Unit

- EMT-Basic
- Emergency Vehicle Operations III
- Firefighter I/II
- Hydraulics
- Station “Behind the Wheel”
  - Non-emergency
  - Emergency
- Refer to Emergency Vehicle Operator Qualifications and Engine Operators Qualifications Manuals



# IV – Instructor I / II / III



- Each level is approximately 16 hours of lecture and practical evolutions
- Evenings and weekends
- Instructor I is required to serve as classroom instructor and progress to higher levels
- Instructor II required for academy or state certified training instructors
- Instructor III required to be an academy lead instructor

# IV – Officer I / II / III



- Required for EMS, suppression, and command officers
- Full semester course
- Evenings
- Offered by NVCC

# IV – Specialized Training



- EMT-Intermediate or Paramedic school
- Hazardous Materials Technician
- Technical Rescue
- Swift Water Rescue
- CPR Instructor
- Wildland Firefighting

# IV – Continuing Education



- EMT – Every 4 years
- HazMat, Bloodborne Pathogens – Annually
- CPR – Every 2 years
- Driver Refresher – Every 5 years
- In station training drills – Monthly



# Fairfax County VISIT Section V

*Station and Facility Organization*

# V – Station and Facility Orientation

## **Downstairs**

- Control Room
- Offices
- Day Room
- Kitchen
- Dining Room
- Apparatus Bay
- Laundry/Hose Tower
- Storage/Lockup/Shop
- Social Hall and Kitchen

## **Upstairs**

- Bunkrooms
- Lockers/Bathrooms
- Battalion 2 Office
- Workout Room

# V – Station Notes



- Cipher Locks
- Station is a home. Please respect it and those that live and work here.

# V – Control Room



- County computer
- iCAD workstation
- Station Log Book
- Manuals
- Handouts
- Clipboards
- Volunteer mailboxes
- Pass-on Book





# V – Leadership Offices

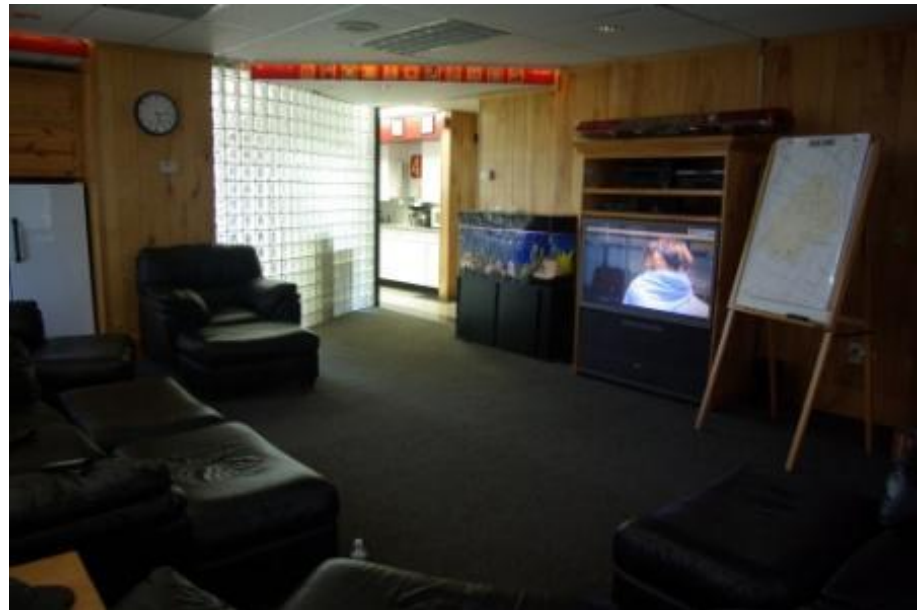
- Offices for both career and volunteer personnel
- Volunteer Leadership Office
  - For Chief and President
  - Accountable Property
- Captains' Offices
  - Desk for each shift
  - County computers



# V – Day Room



- TV room with cable
- Teleconference capabilities
- Doubles as training room
- Shift refrigerators



# V – Kitchen



- Community refrigerator
- Free coffee, tea, hot cocoa, bottled water
- Cleaning supplies
- Keep clean



# V – Dining Room/Patio



- Table and chairs
- TVs with cable access and county I-Net
- Picnic table
- Grill



# V – Conference/Training Room

- Priority for meetings and formal training
- Training materials and videos
- Magazines
- TV & DVD player



# V – Volunteer Admin Office

- Leadership mailboxes
- Department computers
  - Internet access
- Bulletin board
- Office supplies
- Quartermaster stores
- File storage
- Manuals
- It is everyone's responsibility to keep this room clean



# V – Apparatus Bay

- Parking facility for apparatus
- Plymovent diesel exhaust system
- Shorelines
- Gear lockers
- Service 1 drop-off
- Fuel tank monitoring
- Traffic signal switches
- Air compressor



# V – Laundry & Hose Tower

## ● Laundry Room

- Laundry machines for station uniforms
- Cleaning supplies
- Shop towels
- Oxygen storage
- Broom and squeegee storage



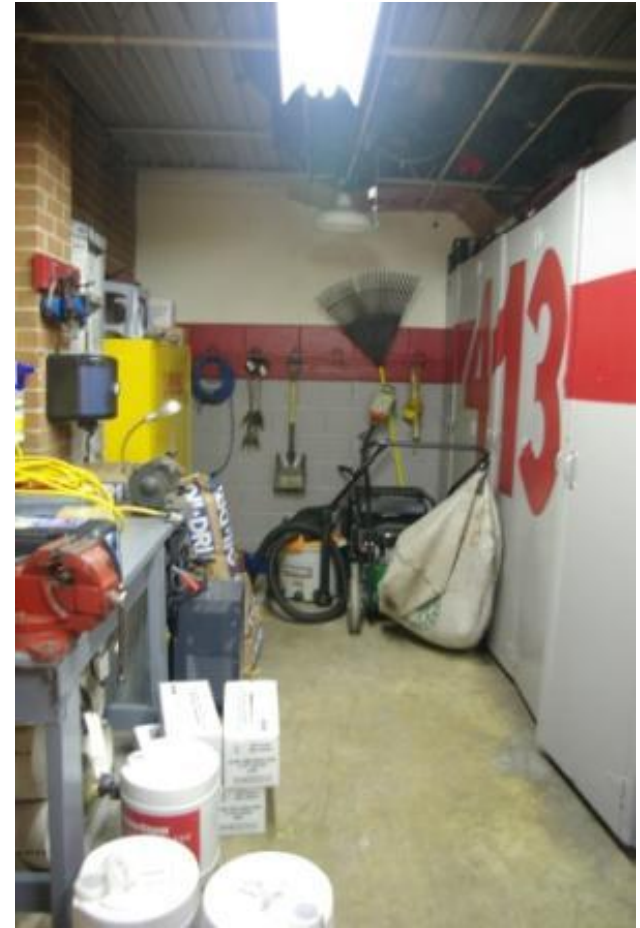
## ● Hose Tower

- For hanging hose to dry
- Mop and bucket storage



# V – Shop

- Tools and equipment
- Vehicle supplies (fluids, chains, etc)
- Paint
- Extra SCBA cylinders, extinguishers
- Extra gear storage



# V – Equipment Lockup



- Secure storage for fire and EMS equipment
- Battery chargers for radios and defibrillators



# V – Social Hall



- Bingo on Wednesday and Saturdays
- Meetings throughout the week
  - Fire Department
  - Local Organizations
- Hall rental



# V – Social Hall Kitchen



- Kept clean at all times
- Used for bingo and hall rental clients
- One refrigerator for community storage
- Access to soda storage



# V – Bunkrooms



- Separate male/female bunkrooms
- Assigned beds, check board
- Clean up after yourself



# V – Lockers/Bathrooms



- Separate male/female facilities
- Assigned lockers
- Clean up after yourself

# V – Battalion 2 Office



- Office and bunk for battalion chief

# V – Workout Room



- For use by any members
- Follow proper exercise protocols
- Never workout alone
- 0900 – 2000 hours







# Fairfax County VISIT

## Section VI

*Apparatus Organization*



# Fairfax County VISIT

## Section VI

Apparatus Orientation

# VI – Apparatus Orientation

- Engine (E413, V-135)
- Reserve Engine (E413B, V-133)
- Medic (M413, V-134)
- Ambulance (A413/A413E, V-116)
- Rehabilitation Unit (REHAB413, 7039)
- Battalion Chief's Buggy (BC402, 5861)
- Utility (UT413, V-111)

# VI – Engine (E413)



# VI – Engine (E413)



- 2009 Pierce Velocity PUC pumper
- 750 gallon water tank
- 1250 GPM pump
- Seating for 6
- Cost \$523,000 in 2009
- Staffed by Fairfax County Personnel:
  - 1 Driver / Operator
  - 1 Officer
  - 1 ALS Firefighter
  - 1 Firefighter
- Performs fire suppression and medical tasks
- Supplemental staffing by volunteers

# VI – Medic (M413)



# VI – Medic (M413)



- 2005 Freightliner M2 American LaFrance Medic Master Ambulance
- Seating for 3
- Cost \$135,000 in 2005
- Staffed by Fairfax County personnel:
  - 1 Firefighter Driver
  - 1 FireMedic
- Provides medical services and hospital transport
- Supplemental staffing by volunteers

# VI – Reserve Engine (E413B)





# VI – Reserve Engine (E413B)

- 2003 American LaFrance Eagle pumper
- 750 gallon water tank
- 1500 GPM pump
- Seating for 6
- Cost \$368,000 in 2004
- Staffed by Dunn Loring Personnel:
  - 1 Driver / Operator
  - 1 Officer
  - 2 Firefighters
- Performs fire suppression and medical tasks

# VI – Ambulance (A413/A413E)



# VI – Ambulance (A413/A413E)

- 2001 Freightliner FL60 American LaFrance Medic Master Ambulance
- Seating for 3
- Cost \$135,000 in 2001
- Staffed by Dunn Loring volunteers as needed:
  - 1 Firefighter or EMT Driver
  - 1 Firefighter or EMT Officer
- Provide medical services and hospital transport

# VI – Battalion Chief 402 (BC402)



# VI – Battalion Chief 402 (BC402)

- 2009 Ford F350 Super Duty 4x4
- Seating for 2
- Staff by Fairfax County personnel
  - 1 Battalion Chief
- Equipped with:
  - Command boards, manuals and equipment
  - Basic EMS equipment
- Provides command functions
- Supplemental staffing by volunteers

# VI – Rehab Unit (REHAB413)



# VI – Rehab (REHAB413)



- 2009 Mack Pierce Rehabilitation Unit
- County Owned – Cost \$453,000 in 2009
- Provides temperature controlled environment for fire department personnel to rehabilitate after operating at intense or long term incidents.
- Staffed on an as-needed basis by career or volunteer personnel on all greater alarm and as-called incidents.

# VI – Utility (UT413)





# VI – Utility (UT413)



- 2000 Ford Expedition
- Staffed by 2
- Equipped with:
  - Basic EMS equipment
  - Backboard and straps
- Used to carry equipment, tools, personnel
- Acts as a reserve command unit



# Fairfax County VISIT

## Section VII

*Personal Protective Equipment (PPE)*

# VII – Personal Protective Equipment

- Firefighter
  - Suppression Gear
  - Accountability Tags
  - SCBA
- EMS Only
  - Protective Gear
  - Accountability Tags
- Personal Infection Control (PIC) Kit
- Station Uniform – Station Polo or T-Shirt, Blue pants, Black Belt, Black Safety-Shoes

# VII – Firefighter Suppression Gear

- Helmet, hood, coat, pants, boots, gloves, eye protection, hearing protection
- Individually assigned
- Issued by Fairfax County
- Cleaned twice annually



# VII – Firefighter SCBA

- Self Contained Breathing Apparatus
- Manufactured by Scott
- Protects against oxygen deficiency, toxic gases and extreme temperatures
- Individually issued fitted masks
- Tested annually
- Checked before and after each use



# VII – EMS Only Gear

- Blue helmet, coat, pants, gloves, eye protection, hearing protection
- NFPA 1991 compliant for bloodborne pathogens
- Individually assigned
- Issued by Fairfax County



- Issued to each EMT
- Contents:
  - Eye protection
  - Gloves
  - Hand sanitizer
  - Pocket face mask for artificial respirations
  - EMT shears
  - Pen





# Fairfax County VISIT

## Section VIII

*Equipment*



# VIII – Equipment



- Common Hand Tools
- Hoses
- Ladders
- EMS Equipment

# VIII – Common Hand Tools

- Halligan Tool
  - Pry, pound, pull and puncture
  - Used as part of forcible entry



# VIII – Common Hand Tools

- Axes
  - Pickhead
  - Flathead
- Carry by head



# VIII – Common Hand Tools

- Forcible Entry Kit
  - Halligan
  - Flathead axe
  - K tool
- “Set of Irons”



# VIII – Common Hand Tools

- Pike Pole

- Primarily used to breach ceilings after a fire to check for extension



# VIII – Common Hand Tools

- Bolt Cutters
  - Used primarily for cutting locks and wires



# VIII – Common Hand Tools

- Sledge Hammer
  - Used primarily for going through walls or doors



# VIII – Hoses



- Different sizes and functions
- Range from 1" to 6"
- Typically 50' sections



# VIII – Hoses



## ● Hose Tools

- Spanner and hydrant wrenches
- Couplings
- Male and Female adapters
- Reducers
- Hose clamps

## ● Hose Appliances

- Gated wyes and Siamese
- Fog and smooth bore nozzles
- Foam nozzles
- Master stream, deck guns



# VIII – Hoses

- 1" Rubber jacketed
  - Booster line
- 1" Forestry hose
  - Lightweight



# VIII – Hoses



- 1 7/8”
  - Attack line
  - Fairly lightweight and maneuverable
  - Most frequently used hose line



# VIII – Hoses

- 2 ½”
  - Attack line
  - Not very maneuverable
  - Higher volumes than 1 7/8” lines



# VIII – Hoses



- 3”
  - Supply line
  - Not maneuverable
  - Relays water from one fire engine to another



# VIII – Hoses



- 4”
  - Supply line
  - Not maneuverable
  - Relays water from one fire engine to another
  - Large Diameter Hose (LDH)



# VIII – Hoses



## ● 6"

- Supply line
- Not maneuverable
- Connects engine to hydrant/water supply
- Typically 15 feet long
- Soft sleeve vs. hard sleeve
- Large Diameter Hose (LDH)



# VIII – Ladders



- 10'
  - Attic ladder
- 14'
  - Roof ladder
- 24'
  - Extension Ladder





# VIII – EMS Equipment



## ● Bags

- Aide Bag
- Airway Bag
- Immobilization Bag



# VIII – EMS Equipment



## ● Portable Devices

- Suction
- AED
  - Philips AED
  - Philips MRx
- Radiation Meter



# VIII – EMS Equipment



- Specialized Kits
  - Intubation Kit
  - OB Kit
  - Burn Kit
  - Triage Kit

# VIII – EMS Equipment



## ● Immobilization Devices

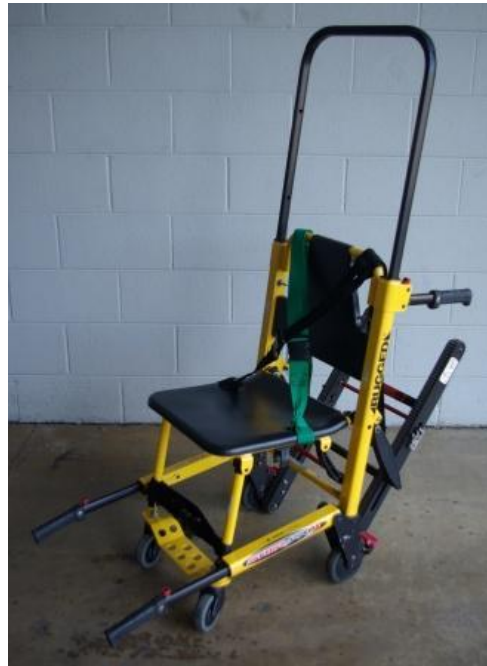
- Board Splint
- Sam Splints
- Vacuum Splint
- Sager Splint
- C-Collars
- Backboard
- KED



# VIII – EMS Equipment

## ● Patient Lifting & Carrying

- Cot (Stretcher)
- Stair Chair
- Reeves Stretcher



# VIII – EMS Equipment



- Other Equipment
  - MAST
  - Emesis Basins
  - Linens
  - Gloves
  - Sharps Containers
  - Oxygen Cylinders



# Fairfax County VISIT Section IX

*Riding Apparatus*

# IX – Riding Apparatus



- Overview
- What apparatus to ride?
- Obtaining an assignment
- Overnight shifts
- Safety
- Skills for red hats



# IX – Overview



- Safety is priority one
- Only perform skills you are trained in

# IX – What Apparatus to Ride?

- Frontline Engine
- Reserve Engine
- Medic
- Ambulance
- Battalion Chief
- Utility

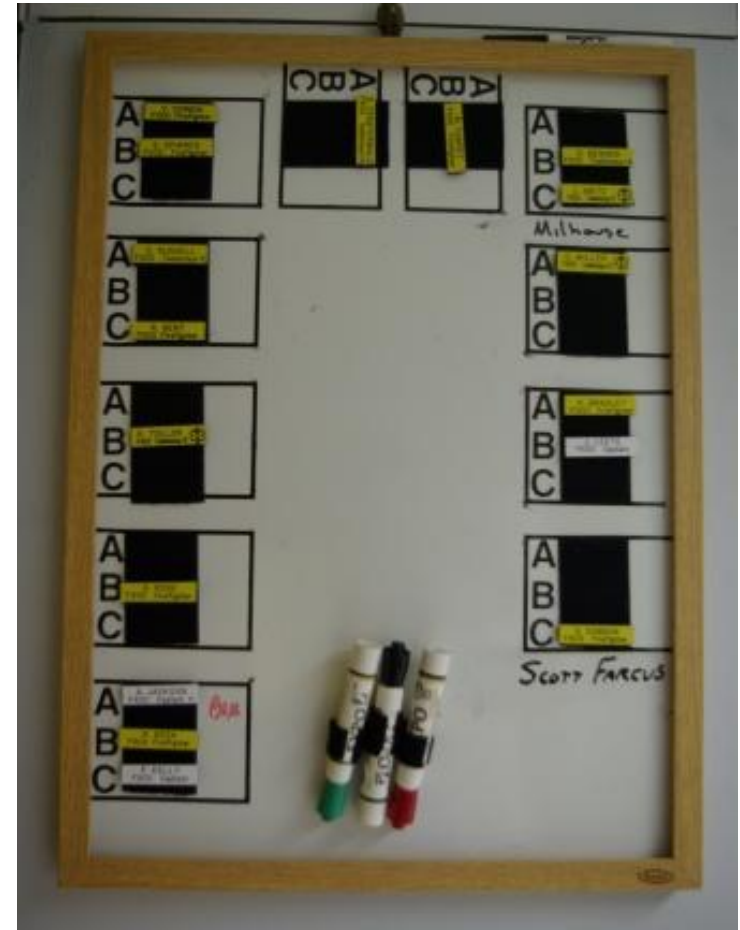


# IX – Obtaining an Assignment

- Career units
  - VMS in the Operations, Supplemental section
  - Notify officer of unit
    - Previous shift work day and that morning
- Volunteer units
  - VMS in the Operations, Duty Shift section
  - Inform officer of your skill set
- Place gear/accountability tags on unit
- Roster function on MCT
- Re-familiarize with tool/equipment placement

# IX – Overnight Shifts

- Be on unit by start time
- Check bed assignment for free bed
- Make up bed early to avoid disturbing others
- Bring bedding or sleeping bag



# IX – Safety



- Be careful
- Safety is priority one
- Road vests/jackets and helmets on accidents
- Stay with either officer or driver as directed

# IX – Skills for Riding



- Traffic control / Use of flares
- Fire hydrant usage
- CPR assistance
- Equipment retrieval
  - Must know equipment location
- EMS operations
  - Cleaning and decontamination
  - Restocking
  - Ambulance cot operation
  - Observe all aspects of patient care
  - Provide limited treatment under the supervision of a qualified patient care provider



# Fairfax County VISIT Section X

*Review*



# Fairfax County VISIT Section XI

*TEST*