APPARATUS MINIMUM STANDARD:

____ 1  Washington County Fire & Rescue Mobile Radio

____ 2  Washington County Fire & Rescue portable radio - **one for each riding position**

____ X  Audible back-up alarm

____ X  Chevron's {After January 1, 2009} – {See Notes 1-5 below}

____ X  DOT Inspection – {See Note 6 below}

____ 3  DOT warning reflective triangles

____ 1  Emergency Response Guide {ERG} - Current Edition

____ 1  Evacuation horn mounted/secured in area of driver's seat or cab area

____ X  Hearing protection for all riding positions, sterile soft ear plugs are acceptable – {shall be in cab with personnel}

____ 1  Personnel Accountability Collection System {Washington County PAT System}

____ X  Personnel Accountability Collector ring(s) for the PAT's with the unit designation attached to it

____ X  Registered as an Emergency Vehicle with the State of Maryland

____ X  Safety Equipment per NFPA 1500 & 1901 – {See Note 7 below}

____ X  Safety Glasses, approved - one for each riding position {i.e. ANSI Z87.1}

____ X  Safety restraints for all riding positions

____ X  Traffic Vests {1} for each seating position, each vest to comply with ANSI/ISEA 207 Standard for High-Visibility Public Safety Vests, and have a five-point breakaway fastener that includes two at the shoulders, two at the sides, and one at the front.

____ X  Vehicle Registration Card

____ X  Warning signals, {Light, bell, siren, whistle} audible and visible in proper working condition
Title: Heavy Duty Rescue Squad Standard

WCVFRA Approval Date: 04/17/2014
Number of Pages: 13
Original Date: 01/01/1996
SOG Number: 200-08
Supersedes Date: 01/01/1999

___ 1 Washington County Risk Management Accident Information Packet
___ 2 Wheel chocks – {mounted in readily accessible location(s)}

**Electrical Items:**

___ 2 Electric cord reels 200' {10-3 ga.}
___ 1 Electric submersible pump 40 GPM w/ 50' 1 1/2 hose – minimum
___ 2 Electrical junction boxes
___ 4 Generator, 20,000 watt rating {20kw} – minimum {after 05/01/2014}
___ 4 Household/fire service pigtail adapters {3 prong twist 14-3ga.}

2-male house to female fire service receptacle
2-female house to male fire service receptacle

___ 1 Light tower - 5,000 watts minimum or equivalent {after 05/01/2014}
___ 4 Portable electrical cord reels 50' {14-3ga.}
___ 4 Portable flood lights 500 watt - minimum or equivalent

___ x Portable hand lights, fire service rated - one for each riding position

___ 1 Smoke Ejector or PPV Fan {Minimum 5,000 CFM's}

___ x Stationary lighting, 1000 watt - minimum or equivalent
Title: Heavy Duty Rescue Squad Standard

WCVFRA Approval Date: 04/17/2014
Number of Pages: 13  Original Date: 01/01/1996
SOG Number: 200-08  Supersedes Date: 01/01/1999

**Equipment Minimum's:**

- 1 x Absorbent {Bags/Containers with disposable bags for contaminated materials}
  - *Equivalent of two (2) 5 gallon pails’*
- 2 Axe flat head
- 2 Axe pick head
- 1 Bolt cutter – Minimum 24" 
- 2 **Buckets Metal—minimum sixteen (16) gallon** {i.e. Salvage Tubs}
- 2 Cans of fluorescent orange spray paint {building ID or safety zones}
- 1 Chain Saw w/16" bar (Fire Service Rated) & approved safety gas can {True Fuel is approved}
- 1 **Chimney chain**
- 1 Circular saw 12" w/wood, metal, concrete blades {K-12, partner type} & approved safety gas can {True Fuel is approved}
- 2 Crow bars
- 1 Extinguisher 15lb approved operational CO2
- 2 Extinguisher water, 2 ½ gallon approved
- 1 Extinguisher, dry chemical 20lb rating
- 8 Flares, 30 minute
- 4 Floor Runners 4' X 16' {standard size}
- 3 Forcible entry tools 30" mim. {Halligan Bar, Punch Bar, Pry Bar, or Equivalent}
- 1 Gas monitor {4 gas analyzer - w/the following sensors, Oxygen, LEL, Carbon Monoxide & Hydrogen Sulfide}
- 4 Hand saws, Assorted {2 wood, 2 metal}
Hydra ram/Rabbit tool

2 Hydraulic Jack {1 - 20 ton & 1 - 10 ton}

2 Jack stands 5 ton

1 "K" tool door opener

1 Ladder - Extension - 24 ft. minimum

1 Ladder - Folding - 10'

1 Ladder - Roof straight with folding hooks - 14'

1 Lock-out/Tag-out kit

1 Pick, point and chisel {i.e... Mattock}

2 Pike pole/APH {All purpose hook} 6'

2 Pike pole/APH {All purpose hook} 8'

2 Pike pole/APH {All purpose hook} 10'

1 Pike pole/APH {All purpose hook} 12'

2 Pitchforks, four (4) prongs

1 Plastic eight (8) mil. {.008} 15 lb. Roll

1 Reciprocating saw w/assorted blades {Sawz-All} with 5 spare metal blades minimum

1 Rubber Mallet

6 Salvage covers {12'x12'} minimum

x SCBA approved 30 minute {minimum} w/spare bottle for each riding position

12 Search and rescue I. D. markers
Title: Heavy Duty Rescue Squad Standard

WCVFRA Approval Date: 04/17/2014  
Number of Pages: 13  
Original Date: 01/01/1996  
SOG Number: 200-08  
Supersedes Date: 01/01/1999

1 Shovel - Chimney
2 Shovel - Round point
1 Shovel - Scoop
2 Sledge hammers or equivalent, 8# & 10# minimum (one of each)
2 Spanner wrenches - combination
6 Sprinkler stoppers/wedges
2 Squeegees
2 Street brooms
5 Traffic cones - fluorescent orange not less than 28" in height, each equipped with a 6" retroreflective white band no more than 4" from top of the cone, and an additional 4" retroreflective white band 2" below the 6" band.
1 Tunneling pick
1 Tunneling shovel
x Wood plugs, assorted sizes
Extrication/Additional Equipment:

- 4 Air bag - Air Hoses of different colors {16' minimum}

- 2 Air bag - Controllers w/supply hose & regular with safety shut-offs

- 6 Air bags - 1-1Tcn, 1-3 ton, 2-20 ton or larger, 2-40 ton or larger

- 1 Air chisel w/portable air hose, assorted bits

- 2 Center punch, spring loaded

- 1 Come-a-long 1 1/2 ton chain/cable

- 20 Cribbing blocks 4x4 - minimum 18", recommend 24" with handles {Southern Yellow Pine or Douglas Fir}

- 4 Cribbing blocks 6 X 6 - minimum 24" {Southern Yellow Pine or Douglas Fir}

- 1 Half Backboard or equivalent {for placement next to the patient ONLY}

- 1 Porta-power 10 ton set complete w/spreader and extension tubing to reach 6' and assorted end caps and tips

- 1 Hydraulic cutter, {combination spreader/cutter may not be substituted}

- 4 Hydraulic hose 16 ft. minimum {color coded}

- 1 Hydraulic power unit {capable of running 2 tools at the same time}

- 1 Hydraulic power unit - Portable Simo Pump {capable of running 2 tools at the same time}

- 2 Hydraulic ram

- 1 Hydraulic spreader, {combination spreader/cutter may not be substituted}

- 2 SCBA space hots to be 1 hour

- 2 Seat belt cutter

- 8 Step chocks for stabilization
Tension-buttress-stabilization system with appropriate strapping {i.e. Rescue 42's, general struts, etc}

Vehicle lock-out kit {slim Jim/Big EZ}

Wedges, Assorted (i.e. 4x4) {8- married pairs of shims of SYP or Douglas Fir}

**Winch, Chains & Accessories:**

1. Winch 15,000 lb or larger - {after 05/01/2014} – {See Note 8 below}

2. Fixed, equipped with rollers, guides, or both to prevent damage to the winch wire or synthetic rope or the apparatus

3. Minimum wire rope or synthetic rope length of 75 ft (22 m)

4. The wire rope or synthetic rope shall be of a type and size recommended by the winch manufacturer

5. The wire rope or synthetic rope assembly, including all hardware such as clevises, Hooks with safety latch, chains and snatch blocks provided for attachment to the winch, shall have a design load rating greater than the line pull capacity of the winch.

6. All chains shall have attached, stamped tags denoting their capacity and length per OSHA Guidelines

7. All attachments shall be equal to or greater than the grade of chain they are attached to

8. Chain - 10' cheater chain {grade 70 minimum}

9. Chain - 20' pulling chain {grade 70 minimum}

10. Chain - cheater links {grade 70 minimum}

11. Chain - J-Hook or C-hook {grade 70 minimum}

12. Chain - T-hook with cheater {grade 70 minimum} {used for attachment points to Kabul/IMR, and etc.}
## Rope Rescue Equipment:

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Assorted length's of 1&quot; webbing – {2 each 5', 10', 15', 20' &amp; 25'}</td>
</tr>
<tr>
<td></td>
<td>Basket bridle with attachments</td>
</tr>
<tr>
<td></td>
<td>NFPA 1983 General Use Decent Control Device {Petzl I'DL, Brake Rack, CMC, MPD}</td>
</tr>
<tr>
<td></td>
<td>(Capable of controlling a 2 person load)</td>
</tr>
<tr>
<td></td>
<td>Cordalette - 33’ 8mm</td>
</tr>
<tr>
<td></td>
<td>Delta Tri-link - 10mm</td>
</tr>
<tr>
<td></td>
<td>Edge protection</td>
</tr>
<tr>
<td></td>
<td>Fall Protection for each provider within 10’ of the edge</td>
</tr>
<tr>
<td></td>
<td>Fixed anchor points on apparatus - minimum</td>
</tr>
<tr>
<td></td>
<td>Figure 8’s or other suitable personal decent control device that meets NFPA 1983-L</td>
</tr>
<tr>
<td></td>
<td>Gloves, pair, leather {used ONLY for rope rescue}</td>
</tr>
<tr>
<td></td>
<td>Harnesses, Class 2 - webbing can be converted to harnesses {Overland operations ONLY}</td>
</tr>
<tr>
<td></td>
<td>NFPA G rated carabineers</td>
</tr>
<tr>
<td></td>
<td>NFPA L rated carabineers</td>
</tr>
<tr>
<td></td>
<td>Pickets, steel - 1&quot; - 40” recommended minimum</td>
</tr>
<tr>
<td></td>
<td>Prusik minding pulleys - 2”</td>
</tr>
<tr>
<td></td>
<td>Rope - 125' - 1/2&quot; Life line – {static Kernmantle}</td>
</tr>
<tr>
<td></td>
<td>Rope - 200' - 1/2&quot; Life line – {static Kernmantle}</td>
</tr>
<tr>
<td></td>
<td>Ropes - 50’ – Utility</td>
</tr>
<tr>
<td></td>
<td>Short &amp; 5-Long Prusik cords - 8mm</td>
</tr>
</tbody>
</table>
Title: Heavy Duty Rescue Squad Standard

WCVFRA Approval Date: 04/17/2014
Number of Pages: 13  Original Date: 01/01/1996
SOG Number: 200-08  Supersedes Date: 01/01/1999

1. Stokes basket lashing – {2 - 15' sections of 1" webbing}

Water Rescue Equipment:

4. PFD life jackets {USCG Type III - with whistle/knife & strobe light or light Stick}

4. Rope - 50' - Water rescue throw rope

4. Swift water/overland helmets

1. Type IV throwable device {i.e. Life Ring}

Roof Kit Equipment:

1. Claw Hammer

x Nails Container of assorted {at least 3 lbs.}

1. Staple gun heavy duty with spare staples

1. Utility Knife

EMS Equipment Minimum Standard:

1. Automatic external defibrillator (AED)

4. Bio-Hazard Kits

4. Blankets

2. Duct tape 2" Roll

1. Eye wash kit/station or bottles sterile water

1. First Aid Kit – {Meets MIEMSS BLS Ambulance first aid kit}

1. Maryland triage kit {Fanny Pack} (50 Triage Tags)

1. Oxygen delivery device with 1 each NRB & NC {adult & pediatric}

2. Spinal immobilization long boards – {Full set-up to include head immobilization and additional

2. Spinal immobilization Half boards - comparable equivalent {i.e. KED}
Title: Heavy Duty Rescue Squad Standard

WCVFRA Approval Date: 04/17/2014
Number of Pages: 13 Original Date: 01/01/1996
SOG Number: 200-08 Supersedes Date: 01/01/1999

___ 1 Stokes basket
___ 1 Suction unit portable battery powered or hand operated with accessories

**Tool Box Minimum Standard:**
___ 1 Allen wrenches - Set
___ 1 Aviator/Tin snips
___ 1 Center punch, spring loaded
___ 1 Chisel Cold 3/4"
___ 1 Crescent wrench 08"
___ 1 Crescent wrench 10"
___ 1 Crescent wrench 12"
___ 1 Hacksaw w/6 extra high speed blades
___ 1 Hammer 2 lb.
___ 1 Pipe Wrench 8" or 10"
___ 1 Pipe wrench 14"
___ 1 Pliers regular 6"
___ 1 Pliers Channel Locks 10"
___ 1 Pliers diagonal cutters
___ 1 Pliers Lineman’s 9"
___ 1 Pliers needle nose 6" or larger
___ 2 Screwdrivers Phillips head
___ 2 Screwdrivers Standard
Title: Heavy Duty Rescue Squad Standard

WCVFRA Approval Date: 04/17/2014
Number of Pages: 13
Original Date: 01/01/1996
SOG Number: 200-08
Supersedes Date: 01/01/1999

_____ 1  Sockets metric 3/8" drive regular and deep well sockets
_____ 1  Sockets standard 3/8" drive regular and deep well
_____ 1  Vise grips 10" self-locking
_____ 1  Wrenches, combination - assorted sizes

RIT Equipment: {If item count is “x”, it is noted above. Does not need to be duplicated}

_____ x  Forcible entry hand tools

_____ x  Ladder - folding - 10'

_____ x  Ladder - roof straight with folding hooks - 14'

_____ x  Portable flood lights with cord reel

_____ x  Portable hand lights, fire service rated - one for each RIT member

_____ 1  RIT Air Supply Bag

_____ x  Saws {electric, battery and gas}

_____ 1  Search Rope - Wide Area (min. 150')

_____ 1  Tarp for staging equipment identified solely for RIT {Yellow, Orange, etc.}

_____ 1  Thermal Imaging Camera

_____ x  Washington County Fire & Rescue portable radio - one for each RIT member

{Additional tools or specialized equipment may be needed based on structure and condition}
Optional Recommended Equipment:

- B-Post supports
- Fire Extinguisher - Class "D"
- Gas monitor (5 gas analyzer)
- Current Preemption Device to meet Washington County System {OpticomTM, Tomar, etc.}
- SCBA approved 45 minute w/spare bottle for each riding position
- CAT Scale weight completed every 3 years

Foot Notes:

- Chevron's {After January 1, 2009} {NFPA-1901-2009}
- 15.9.3.1* A retroreflective stripe(s) shall be affixed to at least 50 percent of the cab and Body length on each side, excluding the pump panel areas, and at least 25 percent of the width of the front of the apparatus.
- At least 50 percent of the rear-facing vertical surfaces, visible from the rear of the apparatus, excluding any pump panel areas not covered by a door, shall be equipped with retroreflective striping in a chevron pattern sloping downward and away from the centerline of the vehicle at an angle of 45 degrees.
- All retroreflective materials used to satisfy the requirements of 15.9.3.3.1 shall have a minimum coefficient of retro reflection of 10 with observation angle of 0.2 degrees and entrance angle of 10 degrees.
- NO WAIVER will be accepted for Reflective Striping {NFPA-1901-2009}
The vehicle shall meet D.O.T. specifications and shall not exceed manufacturer’s G.V.W. The vehicle shall meet all codes of the Maryland Motor Vehicle Administration or its successors. All apparatus shall be in a preventive maintenance inspection program. Records of inspection under this regulation shall be kept at the location where the vehicle is garaged, assigned, or maintained. The vehicle shall be equipped with NFPA Standards for emergency warning lights and emergency audible devices, including audible back-up alarm, and safety devices. If canopy cab is present the entrance must be equipped with a safety device, i.e.; door, gate, bar, chain, etc. The vehicle must meet MSFA Standards, which are primarily based on NFPA 1901.

**GVWR** - Copy of certified weight slip of the apparatus that detail the actual weight of the (1) front axle, (2) rear axle and (3) total vehicle weight. These weights will be taken with all equipment on unit/mounted. Preferred to have National Certified Scales used.

(Weight slip will be required when 1st inspected and any change in service delivery, recommended for every 3rd year)

All riding personnel shall be equipped with conforming NFPA 1500 equipment. All apparatus shall conform to the latest edition of NFPA 1901 when it concerns safety and any other applicable NFPA apparatus standards. (Standard written under NFPA 1901-2009). All equipment shall be securely mounted on apparatus.

Winch 15,000 lb or larger: **(after 05/01/2014)**
- ALL Squads in service on 05/01/2014 will be grandfathered into this standard
- Area’s highlighted in blue will have a 5 year grace period to comply **{12/31/2019}**
  - One year prior to this date the feasibility of the blue highlighted areas will be reevaluated
- Areas highlighted in gray will not be enforced until the unit is rehatted or replaced

**Grandfathering of 5 years – 12/31/2019**