



DEPARTMENT OF FIRE AND RESCUE SERVICES

	<h1>GENERAL ORDER</h1> <h2>510.04</h2>	
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Originating From	Issue Date	Revision Date	Attachments
Support Services	11/04/2004	8/03/2005	A

SUBJECT: Standard Equipment Inventory: Engines, Towers, Medic Units, Battalion Cars



APPLICABILITY: All Personnel

POLICY:

Apparatus in fire stations managed by the Howard County Department of Fire and Rescue Services (station 7, 9, 10, 11, and CRU) and the Training Division shall be equipped with a standard equipment inventory.

- 1 An Equipment inventory shall be maintained for each unit under the direction of the Station Captain.
 - 1.1 Equipment, hose and appliances shall be the same on all similar units.
 - 1.2 As much as possible, equipment locations will be the same on similar units.
 - 1.3 Hose loads shall be the same length and configuration.
- 2 Once established, equipment inventories, locations and configurations may be changed **only** with approval of the Operation's and Support Service's Deputy Chiefs.
- 3 Requests for equipment or configuration changes will be presented in writing to the Operations Bureau through the chain of command. Requests will include:
 - 3.1 Equipment involved (make, model etc.)
 - 3.2 Current location/configuration
 - 3.3 Proposed change, deletion, addition etc.
- 4 If necessary, the Training Division will be requested to set up an evaluation to measure and compare performance of suggested changes.
 - 4.1 Criteria will be developed to evaluate the proposal.
 - 4.2 Evaluation results will be forwarded to Operations for final consideration.
- 5 If approved, the change will be implemented on all similar units covered by this General Order. Information will be forwarded to Volunteer Chiefs for consideration about making changes to units under their management.

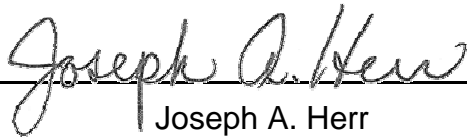
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 <p>HOWARD COUNTY FIRE & RESCUE SERVING PROTECT SERVE</p>	<h2>GENERAL ORDER</h2> <h3>510.04</h3>	
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6 Equipment inventories shall be listed as Attachments to this General Order.

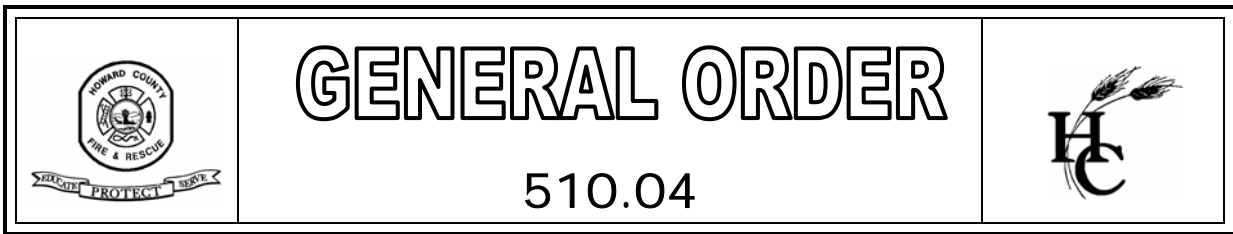
- 6.1 Attachment A - Engine Inventory
- 6.2 Attachment B - Tower Inventory (**Future**)
- 6.3 Attachment C - Ambulance Inventory (**Future**)
- 6.4 Attachment D - BC Vehicle Inventory (**Future**)

Approved:



Joseph A. Herr
Fire Chief

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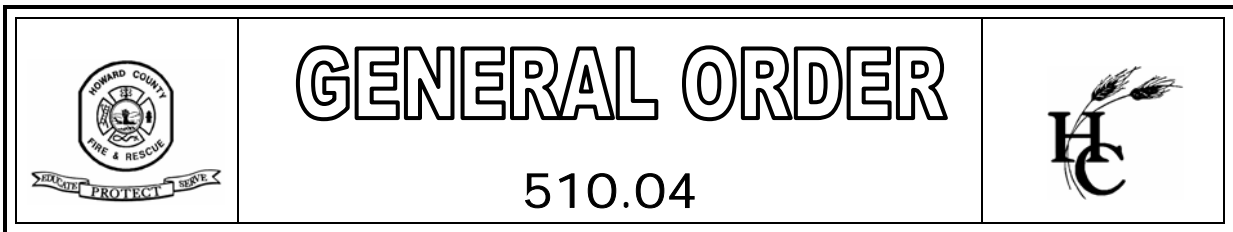


Attachment A– Engine Inventory

CAB

- 1 Drivers log book - daily weekly check sheets - equipment inventory.
- 1 Vehicle registration.
- 1 Vehicle accident reporting kit.
- 1 Fuel card if required
- 1 Sentra lock (Knox Box)
- 1 Narcotics box (Vehicle mounted as required by EMS Division.
Handlights for each riding position.
- 1 Spotlight. Hand held or vehicle mounted
- 1 Mobile radio
Fire com head sets for each riding position
Assigned portable radio's (Howard County)
Assigned portable radio's (Mutual aide County)
- 1 Radio channel chart.
Safety vest for each riding position
- 1 Medical gloves. One box of each size.
SCBA with face piece for each riding position. Drivers in compartment.
- 1 AC hot stick.
- 1 Binoculars.
- 1 Thermal image camera
- 1 Digital camera
- 1 4 gas meter with sampling pump and charger.
- 1 Gas meter conversion chart.
- 1 Officer's bar.
- 1 Pat tag collection ring for assigned crew.
- 1 Initial actions assignment board
- 1 Howard County map index
- 1 Howard County street maps
- 1 Howard County detail maps
- 1 Howard County ADC map book. Less than 2 years old
- 1 Baltimore Metro ADC map book. Less than 2 years old
- 1 Washington metro ADC map book. Less than 2 years old
- 1 Current emergency response guide book.
- 1 DOT 12 placards chart
- 1 Local pre-plans book (as determined by the Captain)
- 1 Set of mutual aide map books (as determined by the Captain)
- 1 Smoke detector and spare batteries
- 5 MIRS (minimum)
- 5 Structure/Vehicle entry forms (minimum)
- 5 Page one inspection reports. (minimum)

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- 5 Page two inspection reports. (minimum)
- 1 Clip board with blank paper and pens

MEDICAL COMPARTMENT

- 1 Howard County standard O2 bag (per Ho Co standard)
- 1 AED if BLS. LP10 or LP12 if ALS
- 1 Portable suction unit
- 1 Spare "D" O2 cylinder (minimum)
- 1 Triage kit (per Ho Co standard)
- 1 BBP/Universal precaution kit (per Ho Co standard)

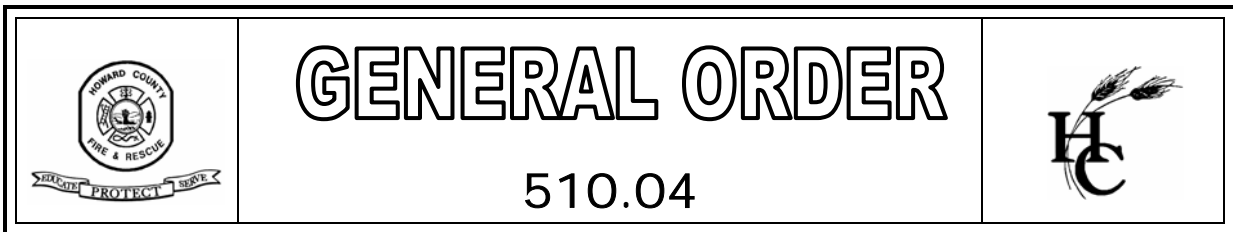
ALS

- 1 ALS blue bag (per Ho Co standard)
- 1 PEDS ALS kit (per Ho Co standard)

PUMP OPERATORS COMPARTMENT

- 2 6" Blind caps
- 1 1 - 2 1/2" NST female to 2 - 1 1/2" NST males (gated wye)
- 1 2 1/2" NST gate valve
- 1 2 1/2" NST clappered siamese
- 1 2 - 2 1/2" NST females to 1 - 4" stortz siamese
- 1 2 1/2" NST female to 1 1/2" male reducer
- 2 2 1/2" NST double male
- 2 2 1/2" NST double female
- 2 1 1/2" NST double male
- 2 1 1/2" NST double female
- 1 6" NST female to 4.5" x(5.4777ODM x 4TPI) female (dry hydrant adapter)
- 1 NST female 4.5" (APL, Mo Co, PG Co) to Ho Co hydrant male 4.5" x (5.395ODM x 4TPI) adapter
- 1 AA Co/Balt. City female 4.5" x (5.477ODM x 4 TPI) To Ho Co hydrant male 4.5" x (5.395ODM x 4TPI) adapter
- 1 AA Co adapter 3 1/2" male to 2 1/2" female (NST)
- 1 AA Co adapter 3 1/2" female to 2 1/2" male (NST)
- 1 AA Co adapter 4" stortz to 3 1/2" male (Optional)
- 1 AA Co adapter 4" stortz to 3 1/2" female (Optional)
- 1 Ho Co hydrant female 4.5" (5.437ODM x 4 TPI) to 4" stortz adapter
- 1 5" stortz (AA Co, APL, PG Co) to 4"stortz adapter
- 2 4" stortz to 2 1/2" NST male adapter
- 2 4" stortz to 2 1/2" NST female adapter
- 1 15' 3" short shot
- 1 Hydrant wrench
- 2 LDH spanners
- 2 Regular spanners

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- 1 Hose strap
- 1 4" hose roller (optional)
- Shop rags
- 1 50' air hose and air chuck
- 1 Rubber mallet
- 5 Road flares

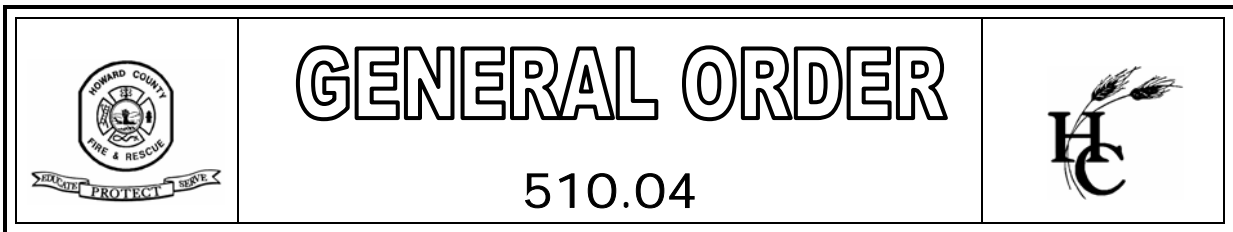
TOOL COMPARTMENT

- 1 Hydra ram or rabbit tool
- 1 K-tool
- 1 R-tool
- 1 Halligan bar
- 1 Flat head axe
- 1 Pick head axe
- 1 Sledge hammer
- 1 Closet/ short hook
- 1 3' pry bar
- 1 Bolt cutters
- 1 Large pipe wrench
- 1 4 foot 3/4" open ended pipe for adding leverage to pipe wrench/ hydrant wrench
- 1 Street Broom
- 1 Elevator pole
- 1 Set of elevator keys
- 1 Lockout/tagout kit (inventory per Ho Co standard)
- 1 Tool box (inventory per Ho Co standard)
- 1 Water cooler

ROPE COMPARTMENT

- 1 200' 1/2" Life line
- 1 Rope hardware bag: 1 - Prusik minding pulley, 2- regular pullies, 3 - prusiks, 1 - 5' webbing, 1 - 10' webbing, 1 - 20' webbing, 8 - carabiners, and 1 - lowering rack.
- 2 Class 3 harnesses
- 1 200' Utility rope
- 2 75' water rescue throw ropes
- 1 2 1/2" fire hose inflation device
- 4 PFD's type III
- 1 200' poly rope (carried Dec 1 thru March 1)
- 2 Ice rescue suits (carried Dec 1 thru March 1)

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ELECTRICAL COMPARTMENT

- 2 Portable work lights (500 watts)
- 2 25' extension cords
- 2 110v house to 3 prong twistlock (woodhead) Adapters
- 1 Electric fan 110 volts. PPV preferred.
- 1 20 lb ABC dry chemical extinguisher
- 1 20 lb CO2 extinguisher

LEFT FRONT HIGH SIDE COMPARTMENT

- 1 SCBA with face piece
- 1 Auto lockout kit
- 1 Roll of barrier tape
- 1 300 gpm@ 75psi breakaway fog nozzle for 2 1/2" preconnected attack line with rapid attack portable monitor
- 1 Master stream fog nozzle
- 1 95 gpm foam eductor
- 1 Foam nozzle
- 1 3' piercing nozzle
- 1 Set of removable stack tips- 1", 1 1/8", 1 1/4", for 2 1/2" line

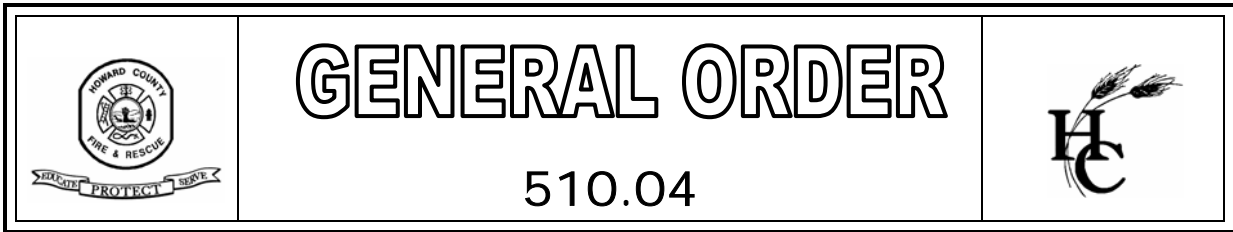
CLEAN UP COMPARTMENT

- 1 Cordless sawzall and drill (18 volt Dewalt)
- 1 Chain saw/ gas powered
- 1 5 gallon bucket of granular absorbent
- 5 Absorbent pads
- 5 Large trash bags
- 1 Leak kit (inventory per Ho Co Standard)
- 1 Salvage cover

MISC COMPARTMENT

- 1 Bladder bag
- 2 100' of 1" forestry hose with nozzle unless equipped with a booster reel.
- 1 1 1/2" female to 1" male adapter unless equipped with a booster reel.
- 1 1" female to garden hose male reducer unless equipped with a booster reel.
- 1 25' garden hose with nozzle unless equipped with a booster reel.
- 1 1 1/2" female to garden hose male reducer unless equipped with a booster reel.
- 5 Orange road cones. May be mounted on the outside of vehicle. (Up to Capt.)
- 1 APR kit

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REAR STEP

- 1 Humat valve
- 1 LDH hose clamp
- 2 LDH spanner wrenches
- 2 Regular spanner wrenches

EXTERIOR

- 1 6' to 8' clemens/ multi-purpose hook (length up to Captain)
- 1 8' to 10' Pike pole (length up to Captain)
- 1 28' extension ladder
- 1 14' roof ladder
- 1 10' folding ladder
- 1 2 1/2 gallon pressurized water extinguisher
- 1 25' 4" stortz coupling short shot

FRONT BUMPER

- 1 15' Soft suction hose (6" NST female to 4.5" female x (5.437 ODM x 4 TPI) Howard County hydrant hook up.
- 1 Hydrant wrench
- 1 Dead blow rubber mallet
- 1 Minimum 100' 1 3/4" with 75 GPM combination fog/SS breakaway nozzle. The hose will be blue in color.

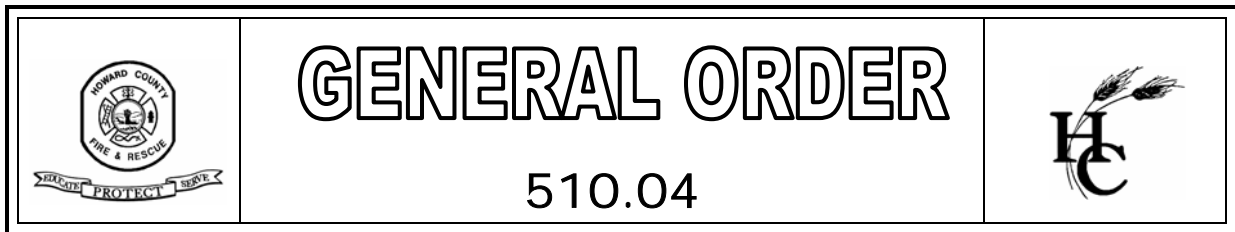
TOP SIDE

- 1 Pre-piped master stream with removable SS tips 1 3/8" thru 2"
- 1 Ground base for pre-piped master stream
- 3 5 gallon buckets of 3%-6% foam or foam tank
- 1 Flat shovel
- 1 Spade shovel
- 2 Brush rakes
- 2 10' lightweight drafting tubes
- 1 Strainer
- 1 Bag of water surface absorbent
- 1 Vehicle mounted 110 volt cord reel with 4 plug junction box.

OVER WHEEL WELLS

Spare SCBA cylinders for each set of SCBA.

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CROSSLAYS

2 :200' 1 ¾" with 75psi/175gpm combination fog/SS nozzles. Packed minuteman pulled from the officers side of the vehicle.

- Forward load is yellow hose
- Rear load is red hose.

E-one engines will have an additional crosslay

- 1 200' 2 1/2" with SS nozzle with removable tips

TROUGH COMPARTMENT

Standard 5' Clemens Pack containing two-75' sections of lightweight hose, breakaway 75 PSI nozzle, 2 ½"-1 ½" reducer, and spanner.
50' section of hose (white) bound with three straps.

HOSE BED

- 1 1000' of 4" supply line packed flat (hooked to humat)
- 2 250' of 3" packed flat (side by side) Total of 500'
- 1 Stang gun mount in hose bed with the 3" line. (Front or rear of bed. Up to Capt.)
- 1 200' of 2 1/2" hose packed minute man with Solid stream nozzle (assorted tips)
- 1 300' of 1 3/4" white hose packed minute man with 75psi/175gpm nozzle.

The 200' of 2 1/2 line with SS nozzle on E-one pumpers will be a crosslay.